

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137453.D
 Acq On : 01 Mar 2024 11:25
 Operator : CG\JU
 Sample : PB159365BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159365BS

Quant Time: Mar 01 12:58:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 12:53:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	235794	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	944967	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	523635	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	934791	20.000	ng	0.00
76) Chrysene-d12	14.069	240	488254	20.000	ng	0.00
86) Perylene-d12	15.604	264	440898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	1969506	126.504	ng	0.02
7) Phenol-d6	6.534	99	2763263	122.960	ng	0.00
23) Nitrobenzene-d5	7.445	82	1755517	86.319	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	664083	144.415	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2779024	83.077	ng	0.00
79) Terphenyl-d14	13.010	244	3116188	87.764	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.852	88	318278	37.388	ng	100
3) Pyridine	3.616	79	734711	35.786	ng	100
4) n-Nitrosodimethylamine	3.599	42	383025	46.209	ng	99
6) Aniline	6.557	93	675022	24.582	ng	98
8) 2-Chlorophenol	6.675	128	790446	48.136	ng	97
9) Benzaldehyde	6.440	77	104615	9.502	ng	99
10) Phenol	6.545	94	1051296	43.463	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	803229	45.316	ng	99
12) 1,3-Dichlorobenzene	6.822	146	807775	46.035	ng	99
13) 1,4-Dichlorobenzene	6.898	146	832360	46.362	ng	98
14) 1,2-Dichlorobenzene	7.045	146	781441	47.421	ng	100
15) Benzyl Alcohol	7.028	79	735106	52.543	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1354856	44.468	ng	91
17) 2-Methylphenol	7.140	107	665286	43.297	ng	96
18) Hexachloroethane	7.387	117	282737	47.828	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	604292	43.545	ng	97
20) 3+4-Methylphenols	7.292	107	761465	43.270	ng	94
22) Acetophenone	7.292	105	1047689	45.823	ng	# 94
24) Nitrobenzene	7.463	77	923263	45.191	ng	100
25) Isophorone	7.698	82	1778494	46.030	ng	100
26) 2-Nitrophenol	7.775	139	405601	50.006	ng	98
27) 2,4-Dimethylphenol	7.816	122	595329	39.281	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	1045210	46.105	ng	99
29) 2,4-Dichlorophenol	8.016	162	662873	47.656	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	684694	46.776	ng	99
31) Naphthalene	8.181	128	2238982	44.161	ng	100
32) Benzoic acid	7.963	122	428526	48.954	ng	99
33) 4-Chloroaniline	8.228	127	316068	15.898	ng	97
34) Hexachlorobutadiene	8.292	225	395686	45.788	ng	100
35) Caprolactam	8.610	113	114334	24.241	ng	91
36) 4-Chloro-3-methylphenol	8.722	107	739937	47.590	ng	99
37) 2-Methylnaphthalene	8.869	142	1398244	43.261	ng	100
38) 1-Methylnaphthalene	8.969	142	1320133	43.371	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	670192	45.845	ng	99
41) Hexachlorocyclopentadiene	9.022	237	566381	93.400	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	460167	48.338	ng	100

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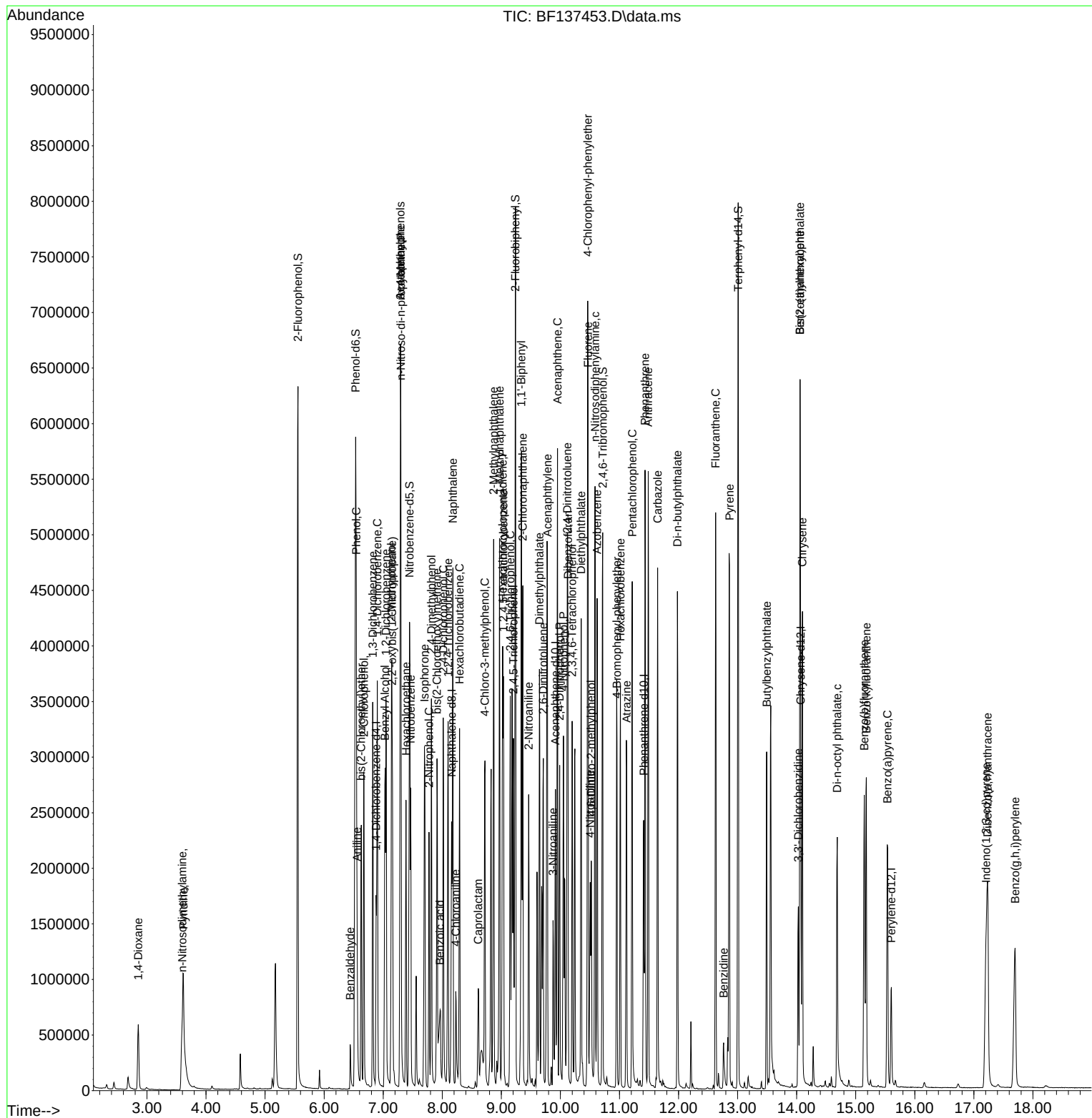
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	487876	44.489	ng	98
46) 1,1'-Biphenyl	9.339	154	1705960	44.512	ng	100
47) 2-Chloronaphthalene	9.363	162	1353489	46.321	ng	99
48) 2-Nitroaniline	9.463	65	483272	48.660	ng	94
49) Acenaphthylene	9.781	152	2147126	45.916	ng	99
50) Dimethylphthalate	9.645	163	1650324	45.275	ng	98
51) 2,6-Dinitrotoluene	9.710	165	366587	48.083	ng	90
52) Acenaphthene	9.951	154	1212942	43.448	ng	98
53) 3-Nitroaniline	9.875	138	245283	30.416	ng	100
54) 2,4-Dinitrophenol	9.986	184	367151	96.807	ng	95
55) Dibenzofuran	10.128	168	1851488	43.544	ng	98
56) 4-Nitrophenol	10.051	139	554700	95.738	ng	93
57) 2,4-Dinitrotoluene	10.116	165	449061	47.942	ng	92
58) Fluorene	10.469	166	1416122	43.366	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	411607	46.806	ng	100
60) Diethylphthalate	10.351	149	1558195	45.268	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	687183	42.939	ng	95
62) 4-Nitroaniline	10.504	138	332417	47.960	ng	95
63) Azobenzene	10.622	77	1796408	45.322	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	261518	50.195	ng	99
66) n-Nitrosodiphenylamine	10.586	169	1295016	43.022	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	449021	44.102	ng	95
68) Hexachlorobenzene	11.016	284	485711	47.232	ng	93
69) Atrazine	11.122	200	391163	42.747	ng	98
70) Pentachlorophenol	11.216	266	557727	89.716	ng	99
71) Phenanthrene	11.433	178	2181858	42.888	ng	99
72) Anthracene	11.486	178	2229087	42.662	ng	100
73) Carbazole	11.645	167	1975365	44.137	ng	100
74) Di-n-butylphthalate	11.980	149	2378120	44.661	ng	98
75) Fluoranthene	12.627	202	2145942	43.154	ng	99
77) Benzidine	12.763	184	236050	19.755	ng	98
78) Pyrene	12.863	202	2171455	45.325	ng	100
80) Butylbenzylphthalate	13.492	149	633516	51.778	ng	99
81) Benzo(a)anthracene	14.057	228	1538184	44.948	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	366509	40.218	ng	99
83) Chrysene	14.098	228	1563159	45.195	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	796074	51.190	ng	100
85) Di-n-octyl phthalate	14.686	149	1368887	45.945	ng	100
87) Indeno(1,2,3-cd)pyrene	17.209	276	1458972	50.285	ng	99
88) Benzo(b)fluoranthene	15.145	252	1385468	53.122	ng	99
89) Benzo(k)fluoranthene	15.180	252	1256416	44.851	ng	99
90) Benzo(a)pyrene	15.539	252	1210557	47.101	ng	100
91) Dibenzo(a,h)anthracene	17.233	278	1190098	50.564	ng	99
92) Benzo(g,h,i)perylene	17.698	276	1171915	48.483	ng	100

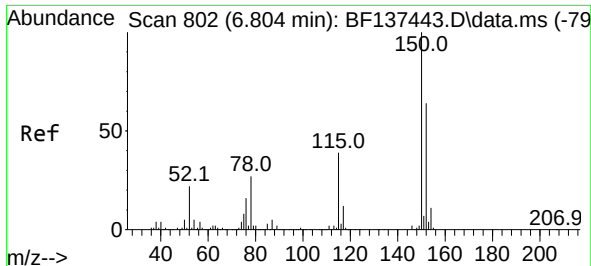
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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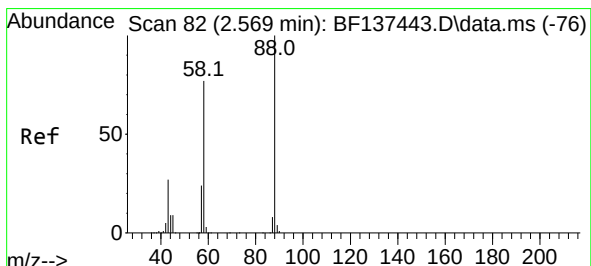
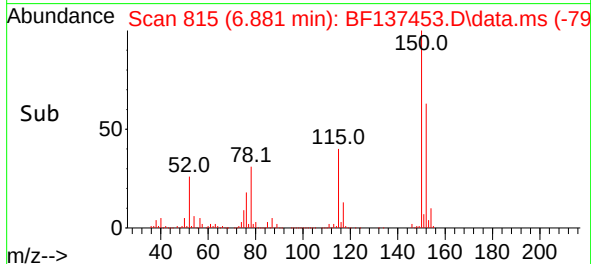
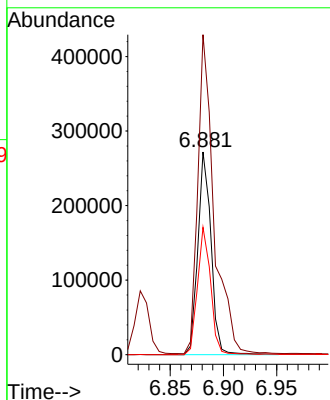
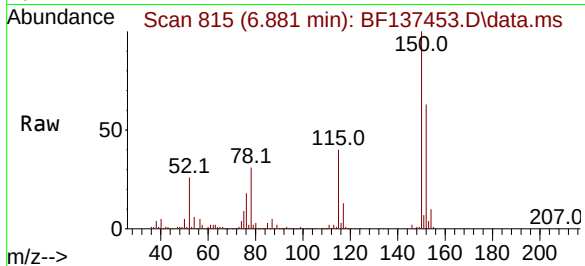




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF137453.D
 Acq: 01 Mar 2024 11:25

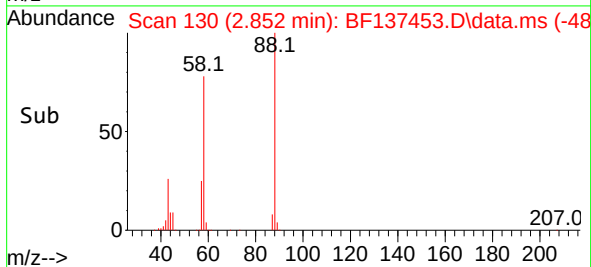
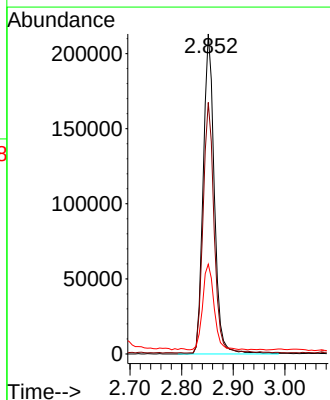
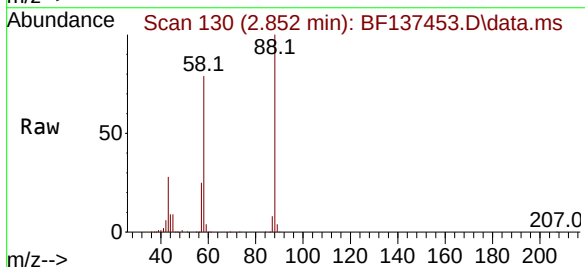
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 ClientSampleId :
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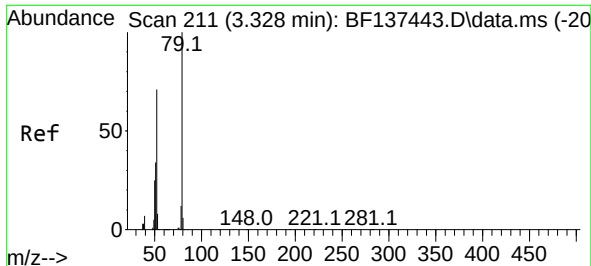
Tgt Ion:152 Resp: 235794
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.8 188.6
 115 62.8 48.8 73.2



#2
 1,4-Dioxane
 Concen: 37.388 ng
 RT: 2.852 min Scan# 130
 Delta R.T. 0.129 min
 Lab File: BF137453.D
 Acq: 01 Mar 2024 11:25

Tgt Ion: 88 Resp: 318278
 Ion Ratio Lower Upper
 88 100
 58 77.6 61.8 92.8
 43 27.5 22.2 33.4

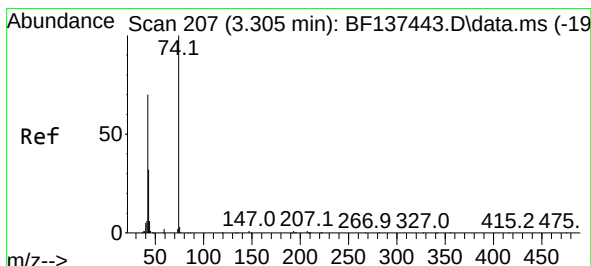
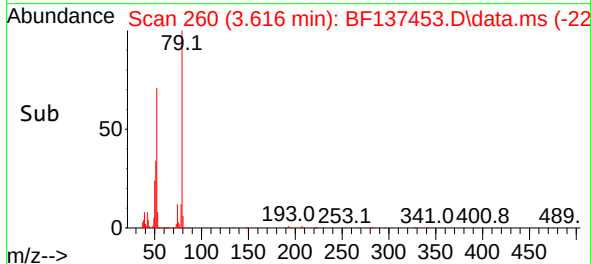
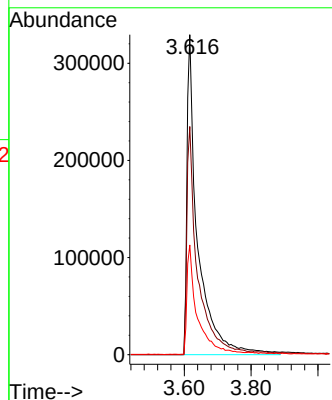
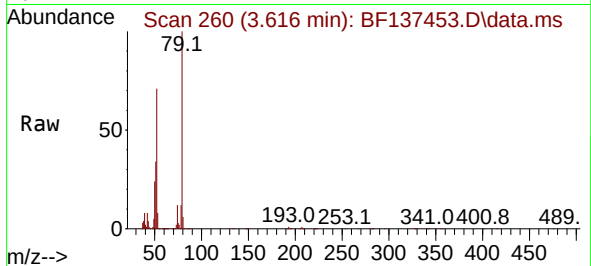




#3
Pyridine
Concen: 35.786 ng
RT: 3.616 min Scan# 211
Delta R.T. 0.100 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

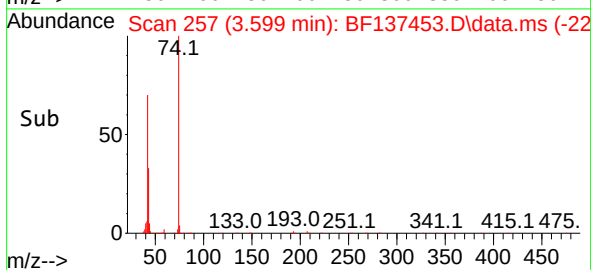
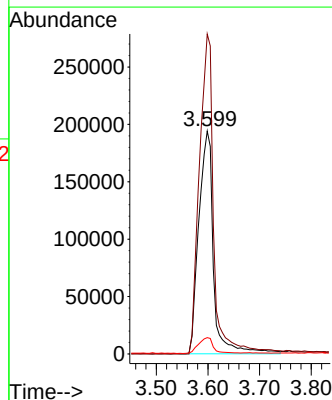
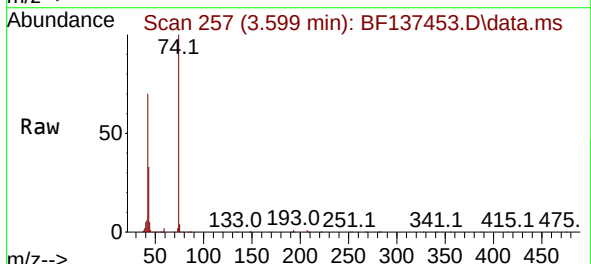
Instrument :
BNA_F
ClientSampleId :
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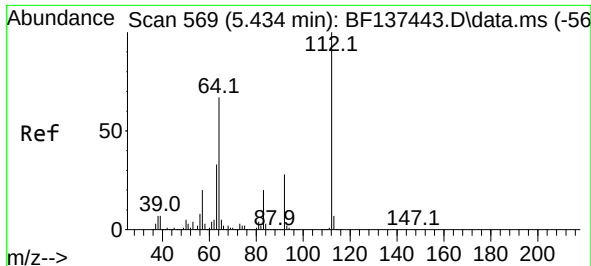
Tgt Ion: 79 Resp: 734711
Ion Ratio Lower Upper
79 100
52 71.3 57.0 85.4
51 34.3 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 46.209 ng
RT: 3.599 min Scan# 257
Delta R.T. 0.100 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 42 Resp: 383025
Ion Ratio Lower Upper
42 100
74 143.5 114.0 171.0
44 7.3 7.0 10.4

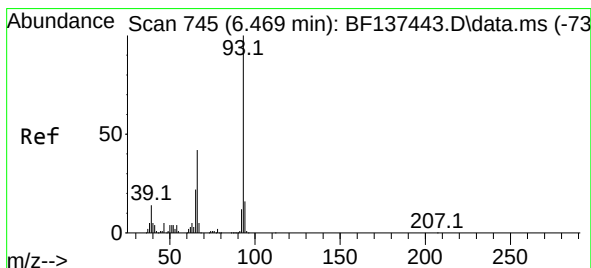
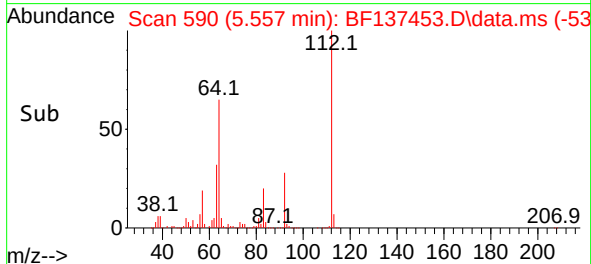
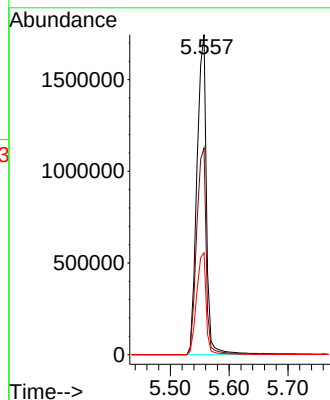
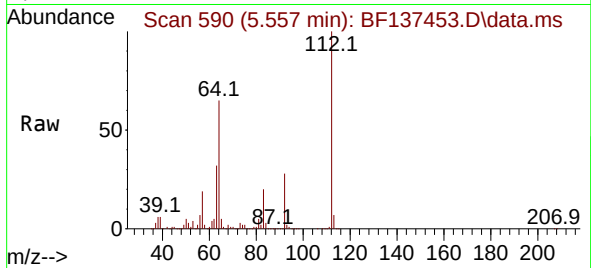




#5
2-Fluorophenol
Concen: 126.504 ng
RT: 5.557 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

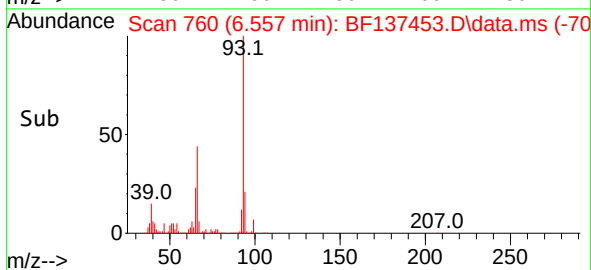
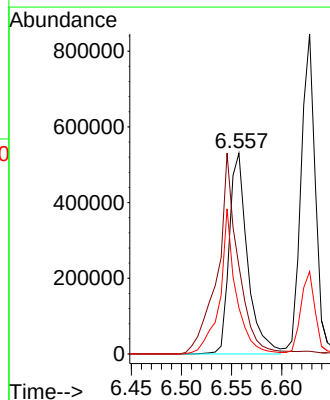
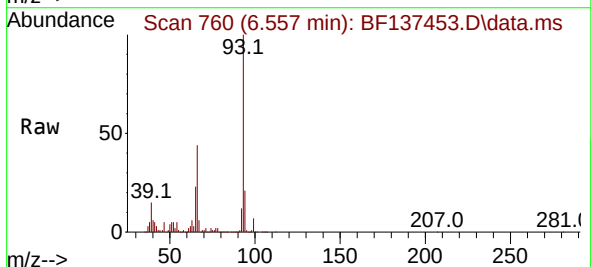
Instrument :
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ClientSampleId :
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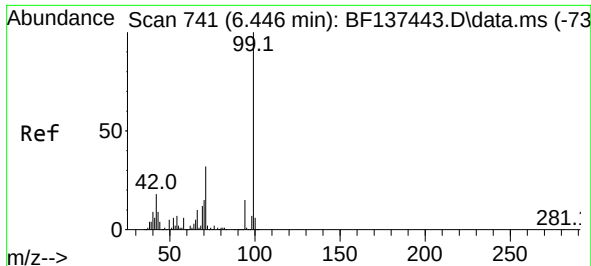
Tgt Ion:112 Resp: 1969506
Ion Ratio Lower Upper
112 100
64 64.6 53.4 80.2
63 31.9 26.2 39.2



#6
Aniline
Concen: 24.582 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 93 Resp: 675022
Ion Ratio Lower Upper
93 100
66 43.8 34.0 51.0
65 23.0 17.8 26.8





#7

Phenol-d6

Concen: 122.960 ng

RT: 6.534 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

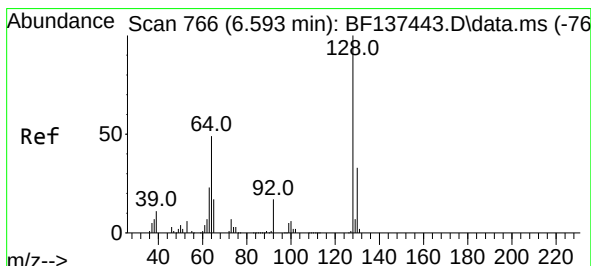
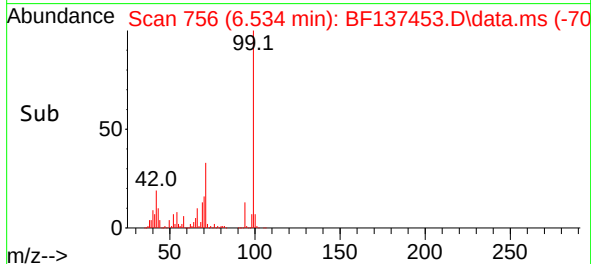
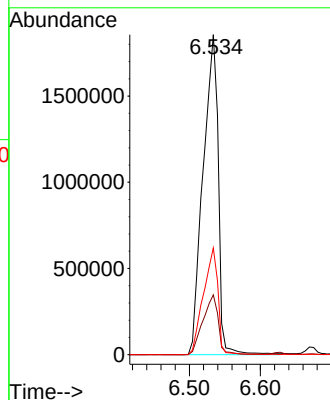
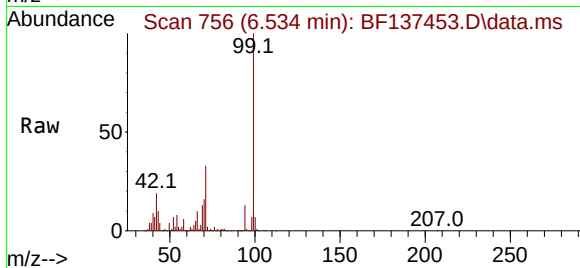
BNA_F

ClientSampleId :

PB159365BS

Tgt Ion: 99 Resp: 2763263

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.6	21.8
71	33.3	25.3	37.9



#8

2-Chlorophenol

Concen: 48.136 ng

RT: 6.675 min Scan# 780

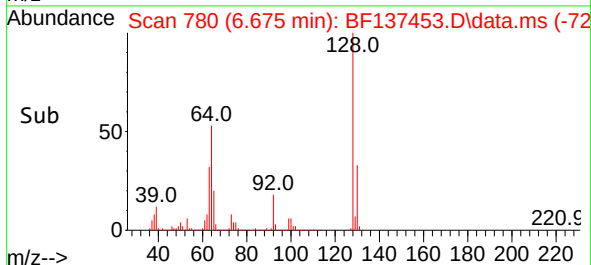
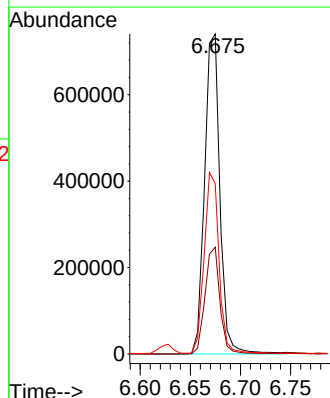
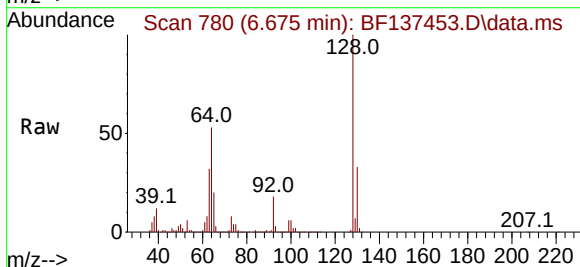
Delta R.T. 0.000 min

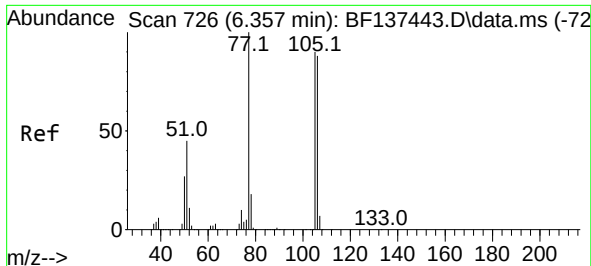
Lab File: BF137453.D

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Tgt Ion:128 Resp: 790446

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.4	53.4
64	53.2	30.0	70.0

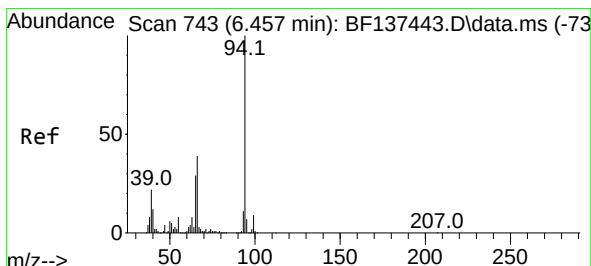
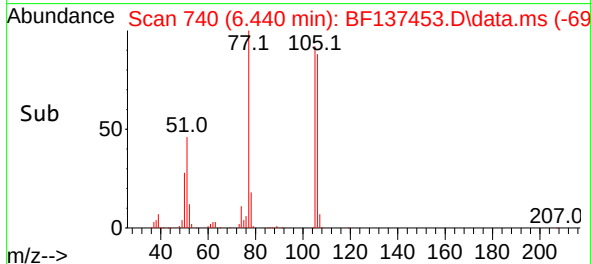
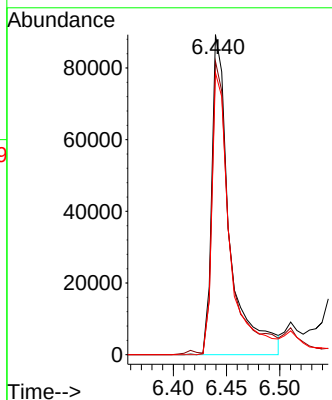
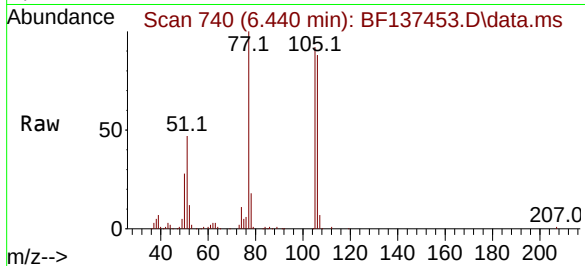




#9
Benzaldehyde
Concen: 9.502 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

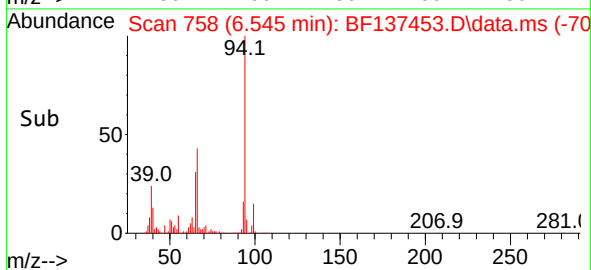
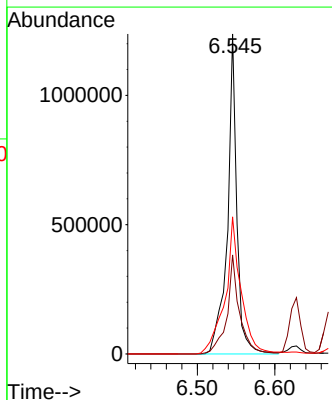
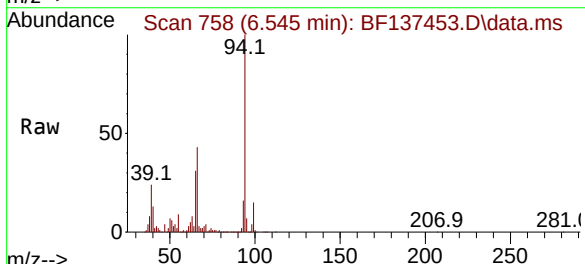
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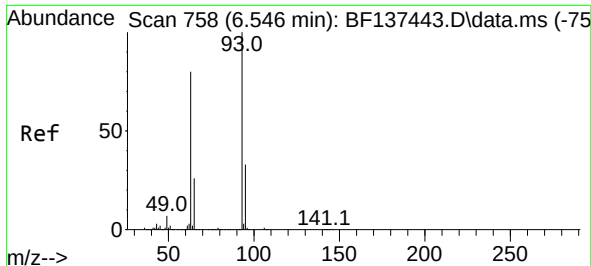
Tgt Ion: 77 Resp: 104615
Ion Ratio Lower Upper
77 100
105 91.7 69.8 109.8
106 88.1 67.8 107.8



#10
Phenol
Concen: 43.463 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 94 Resp: 1051296
Ion Ratio Lower Upper
94 100
65 31.0 8.7 48.7
66 42.9 18.6 58.6

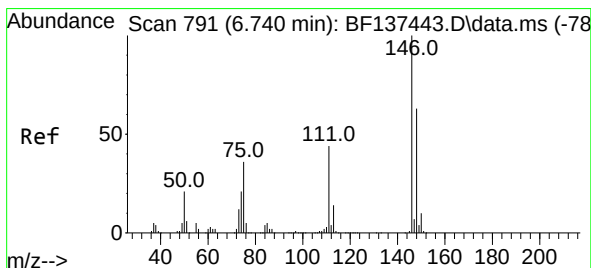
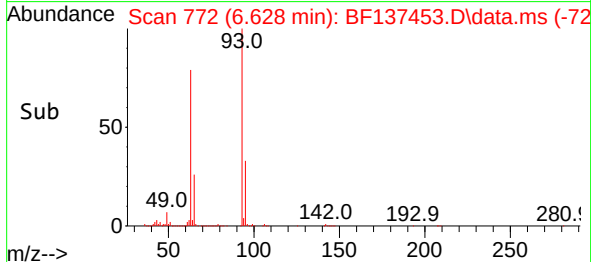
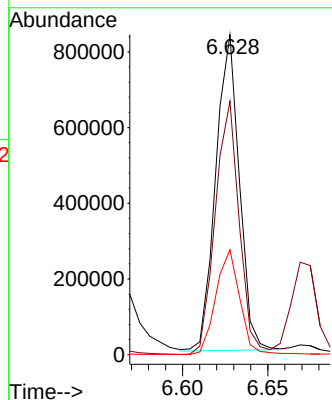
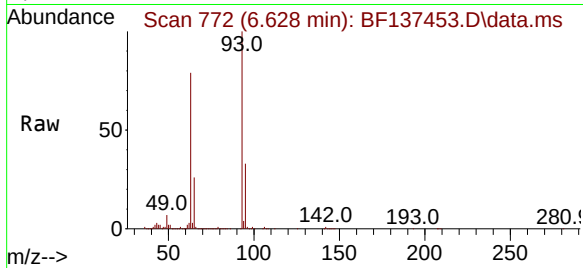




#11
bis(2-Chloroethyl)ether
Concen: 45.316 ng
RT: 6.628 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

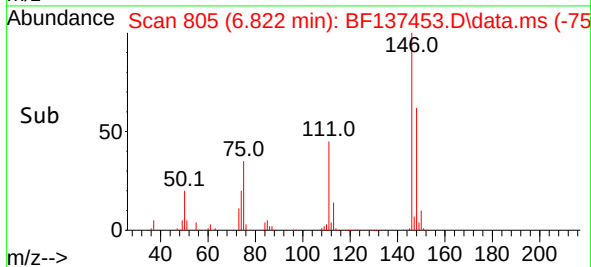
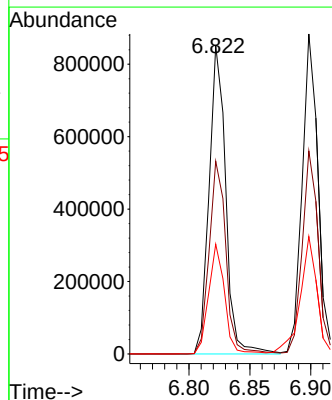
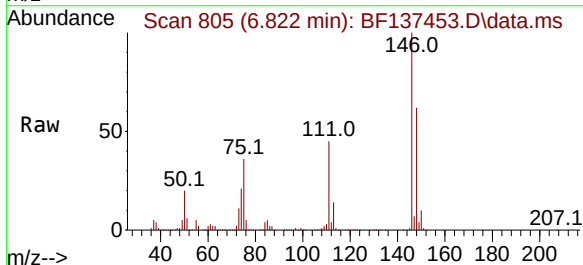
Instrument :
BNA_F
ClientSampleId :
PB159365BS

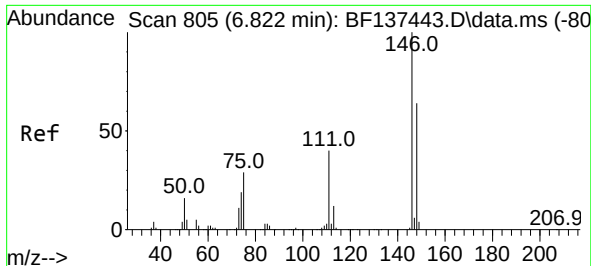
Tgt Ion: 93 Resp: 803229
Ion Ratio Lower Upper
93 100
63 79.2 58.9 98.9
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.035 ng
RT: 6.822 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 146 Resp: 807775
Ion Ratio Lower Upper
146 100
148 62.5 50.3 75.5
75 35.6 29.0 43.4

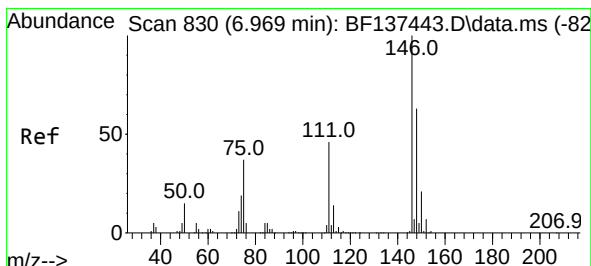
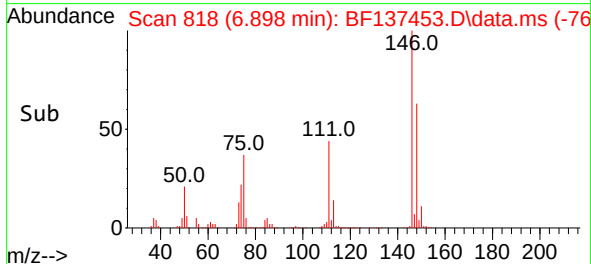
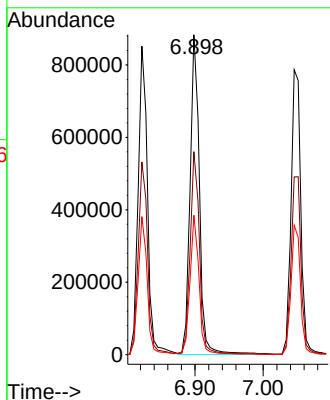
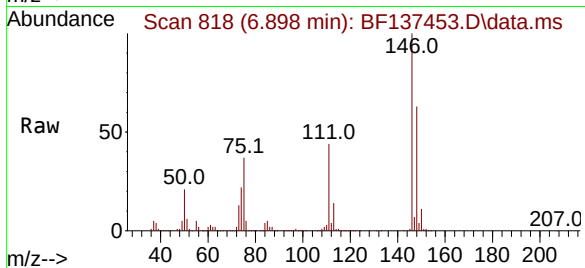




#13
1,4-Dichlorobenzene
Concen: 46.362 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

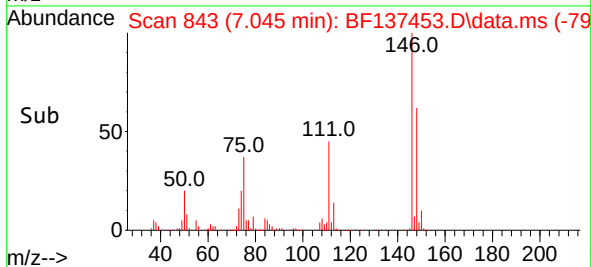
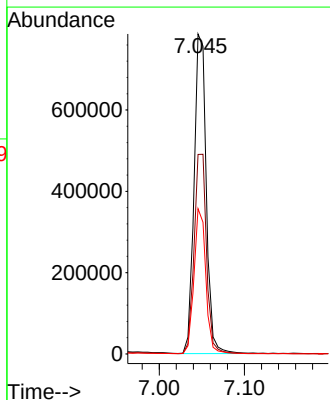
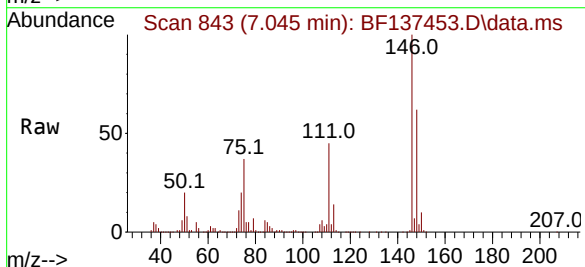
Instrument :
BNA_F
ClientSampleId :
PB159365BS

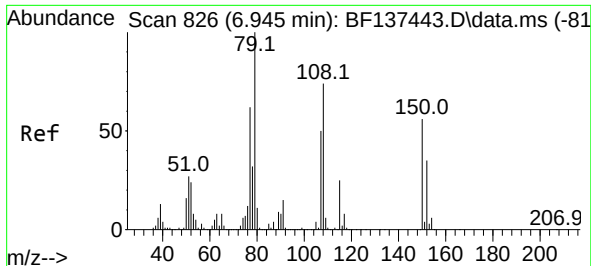
Tgt Ion:146 Resp: 832360
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
111 43.6 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 47.421 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:146 Resp: 781441
Ion Ratio Lower Upper
146 100
148 62.4 50.0 75.0
111 45.4 36.8 55.2

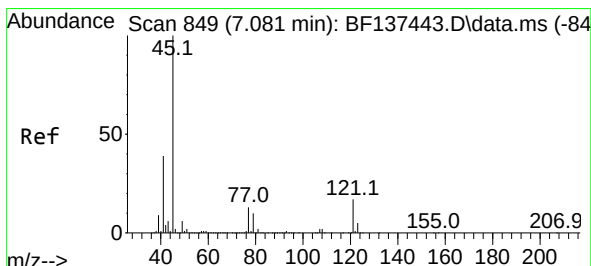
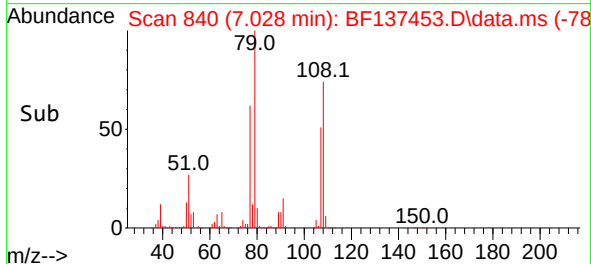
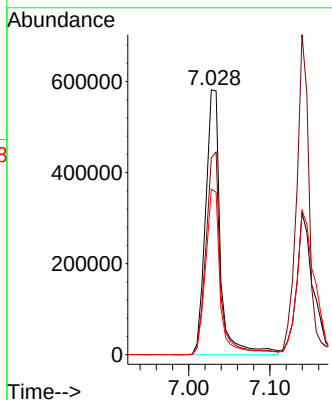
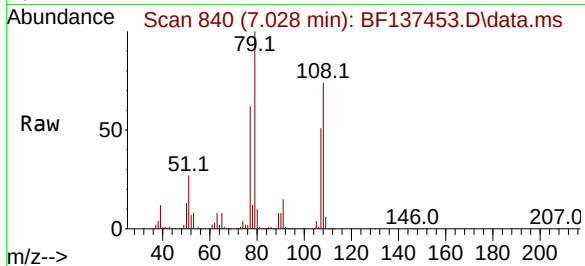




#15
Benzyl Alcohol
Concen: 52.543 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

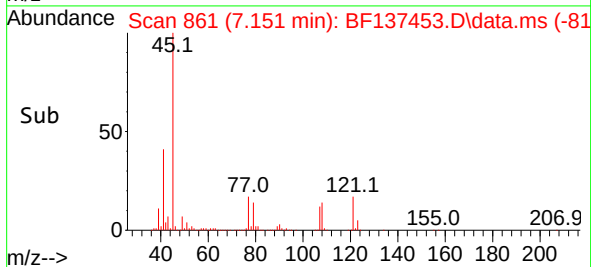
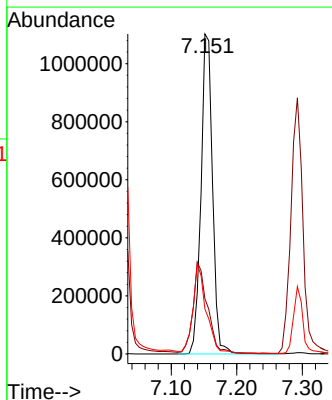
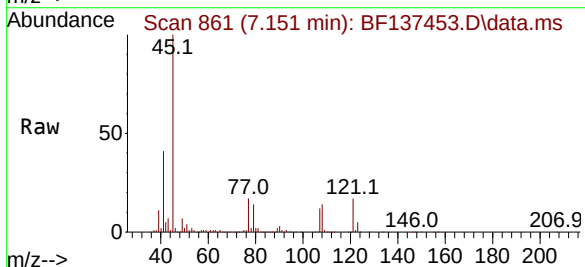
Instrument :
BNA_F
ClientSampleId :
PB159365BS

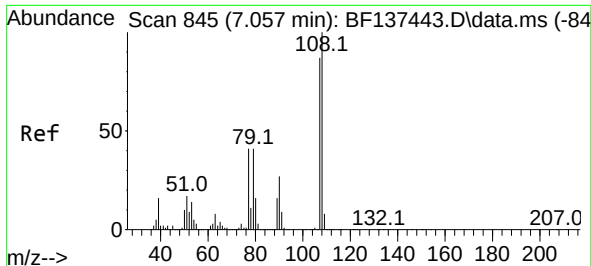
Tgt Ion: 79 Resp: 735106
Ion Ratio Lower Upper
79 100
108 74.3 59.5 89.3
77 62.5 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.468 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 45 Resp: 1354856
Ion Ratio Lower Upper
45 100
77 17.3 0.0 33.4
79 14.0 0.0 30.9

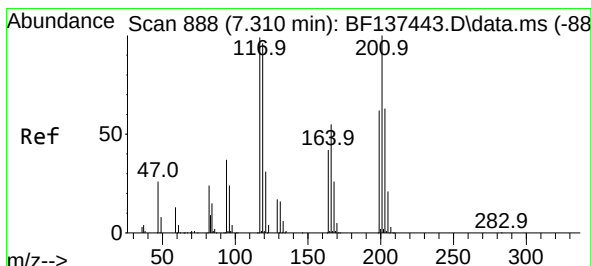
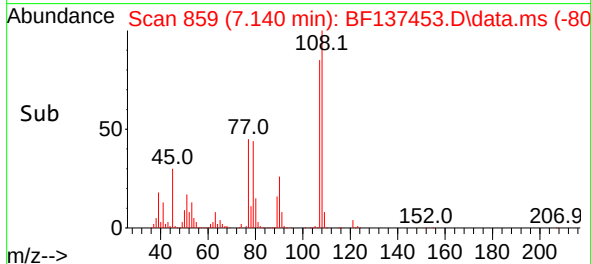
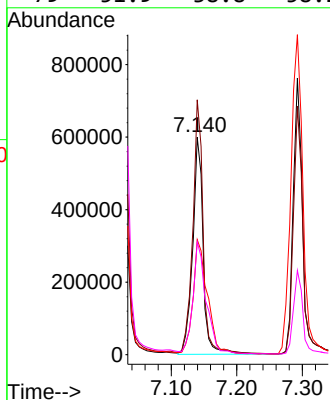
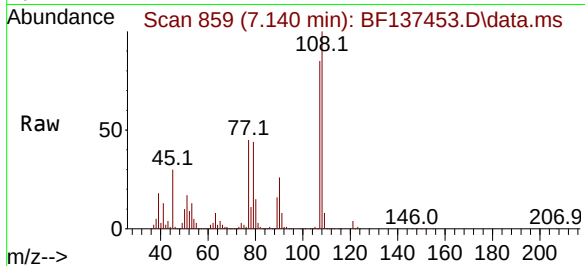




#17
2-Methylphenol
Concen: 43.297 ng
RT: 7.140 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

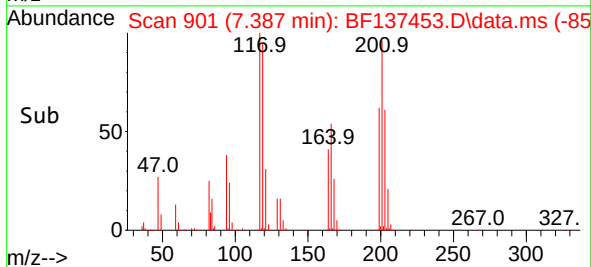
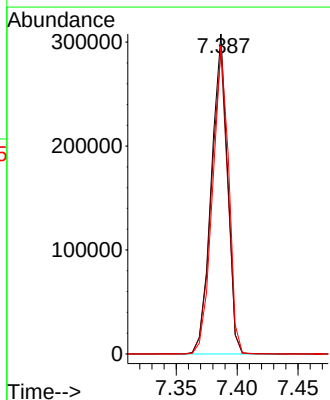
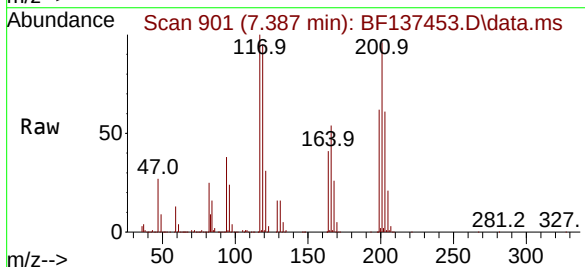
Instrument :
BNA_F
ClientSampleId :
PB159365BS

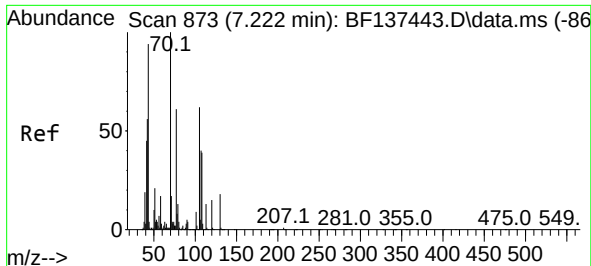
Tgt Ion:107 Resp: 665286
Ion Ratio Lower Upper
107 100
108 117.2 92.2 138.4
77 52.9 38.6 57.8
79 51.9 38.8 58.2



#18
Hexachloroethane
Concen: 47.828 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:117 Resp: 282737
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3
201 96.4 80.6 121.0

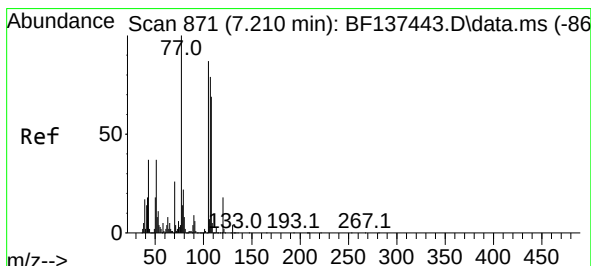
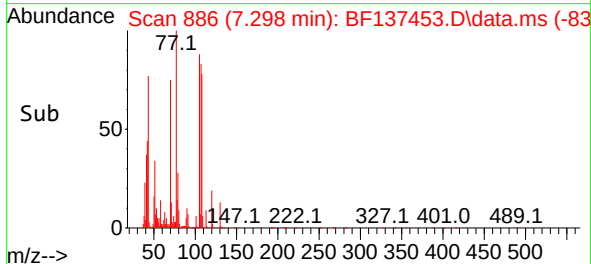
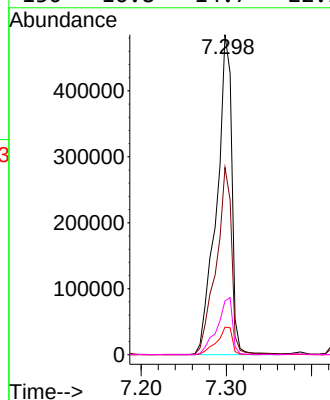
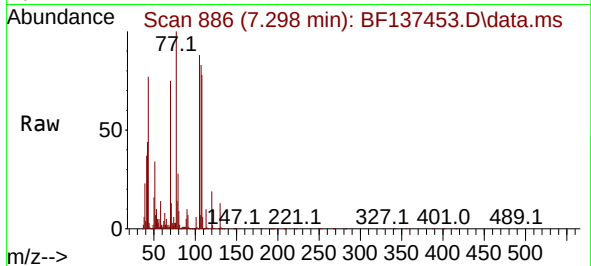




#19
n-Nitroso-di-n-propylamine
Concen: 43.545 ng
RT: 7.298 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

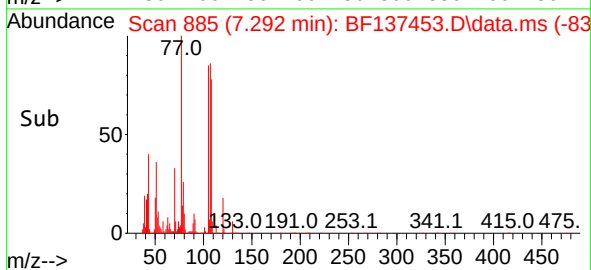
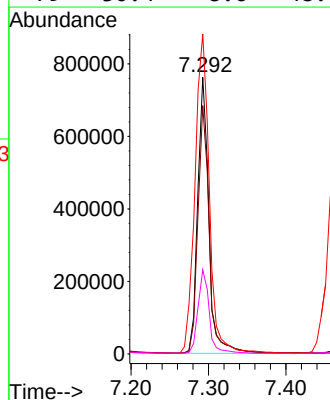
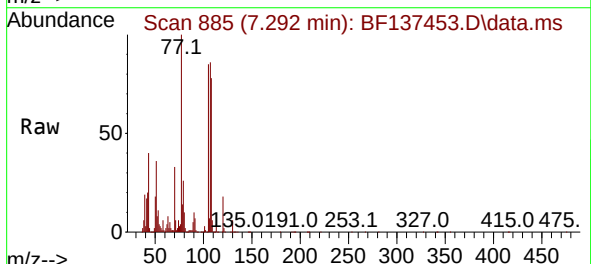
Instrument :
BNA_F
ClientSampleId :
PB159365BS

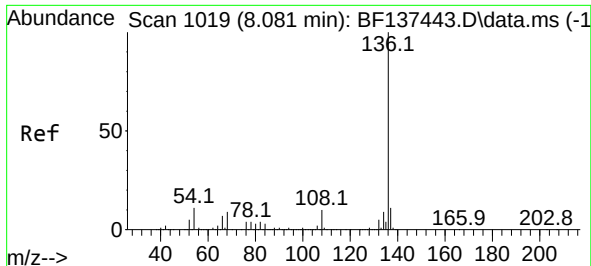
Tgt Ion: 70 Resp: 604292
Ion Ratio Lower Upper
70 100
42 58.5 45.2 67.8
101 8.6 7.3 10.9
130 16.8 14.7 22.1



#20
3+4-Methylphenols
Concen: 43.270 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 107 Resp: 761465
Ion Ratio Lower Upper
107 100
108 89.7 67.6 107.6
77 115.6 107.1 147.1
79 30.4 8.6 48.6

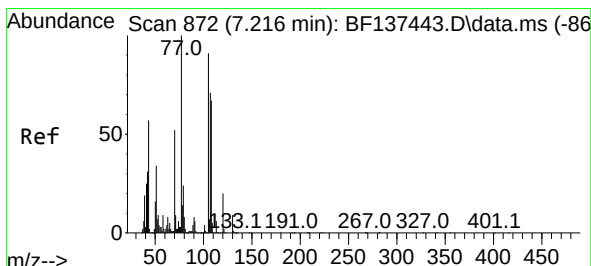
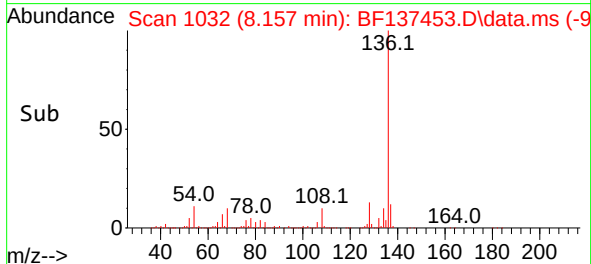
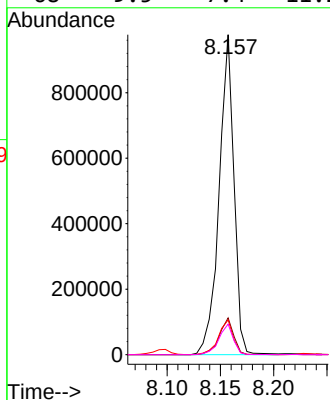
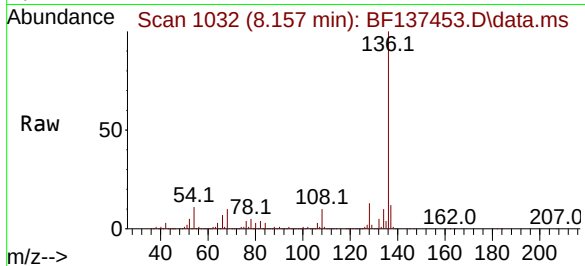




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

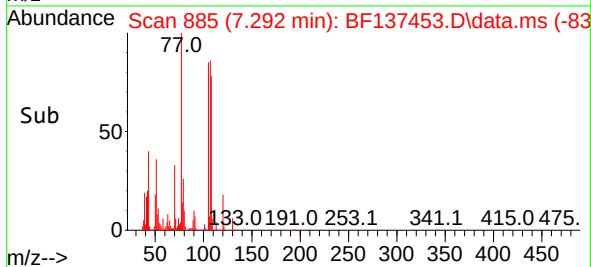
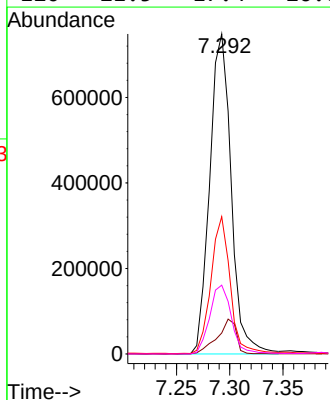
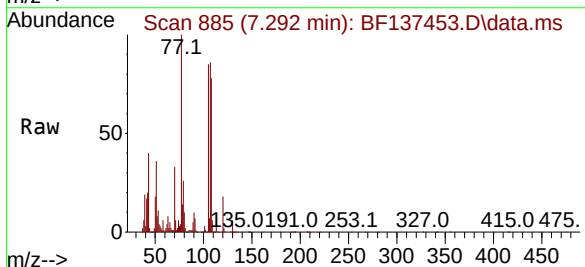
Instrument :
BNA_F
ClientSampleId :
PB159365BS

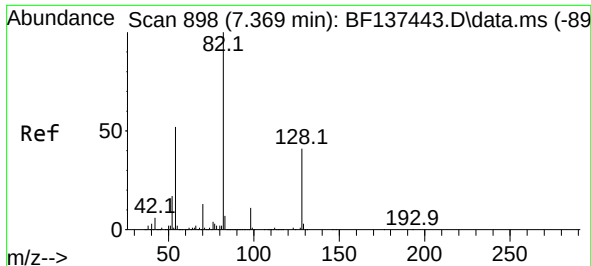
Tgt Ion:136 Resp: 944967
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 10.9 8.5 12.7
68 9.5 7.4 11.2



#22
Acetophenone
Concen: 45.823 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:105 Resp: 1047689
Ion Ratio Lower Upper
105 100
71 6.5 7.7 11.5#
51 42.9 30.4 45.6
120 21.5 17.4 26.0





#23

Nitrobenzene-d5

Concen: 86.319 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

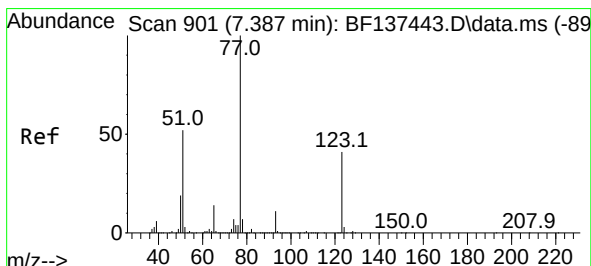
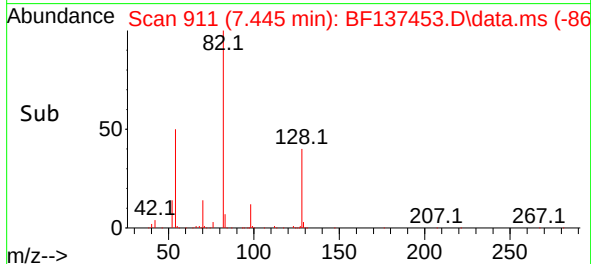
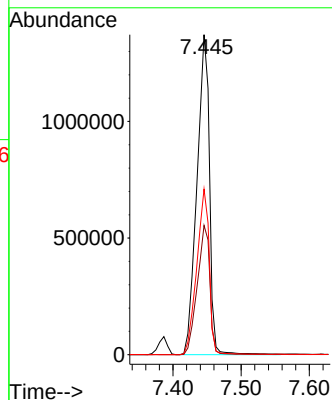
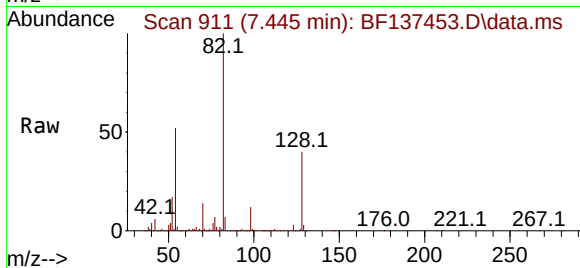
BNA_F

ClientSampleId :

PB159365BS

Tgt Ion: 82 Resp: 1755517

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.5	48.7
54	51.7	41.5	62.3



#24

Nitrobenzene

Concen: 45.191 ng

RT: 7.463 min Scan# 914

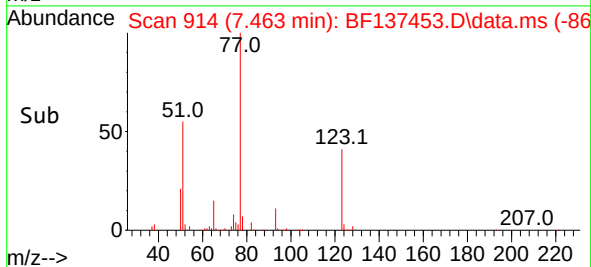
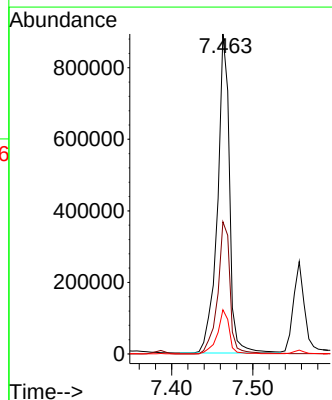
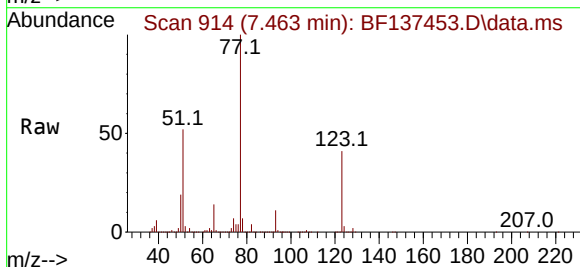
Delta R.T. 0.000 min

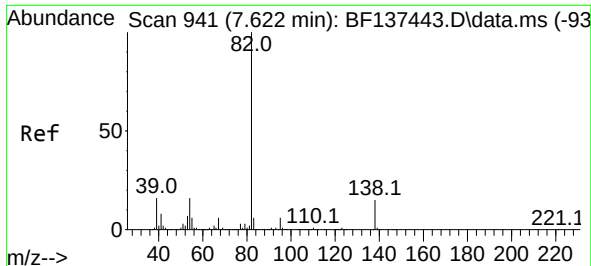
Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Tgt Ion: 77 Resp: 923263

Ion	Ratio	Lower	Upper
77	100		
123	41.3	33.0	49.6
65	13.8	10.9	16.3

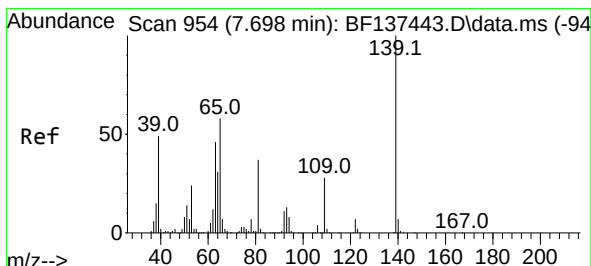
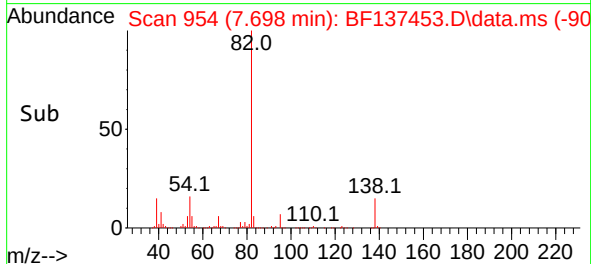
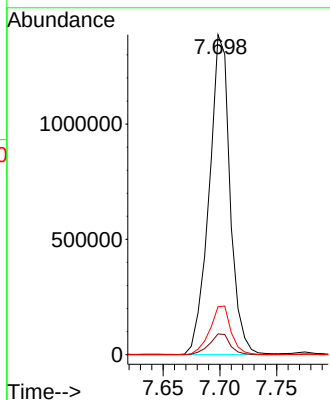
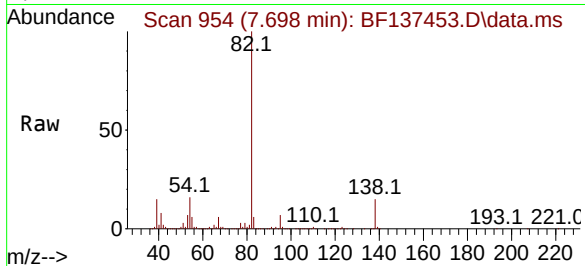




#25
Isophorone
Concen: 46.030 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

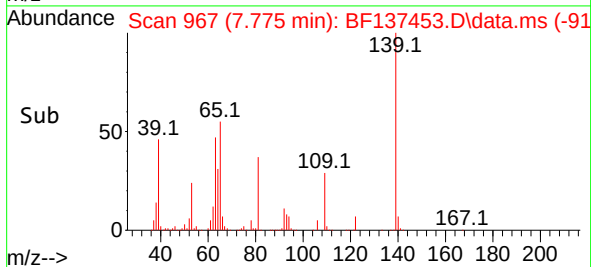
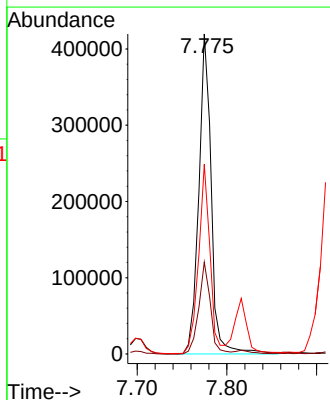
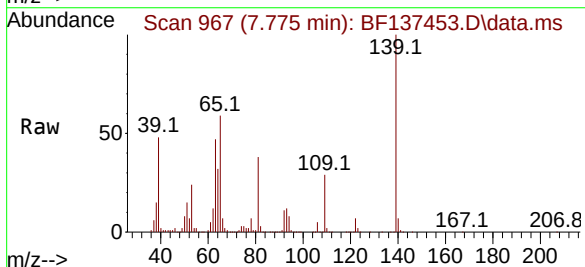
Instrument :
BNA_F
ClientSampleId :
PB159365BS

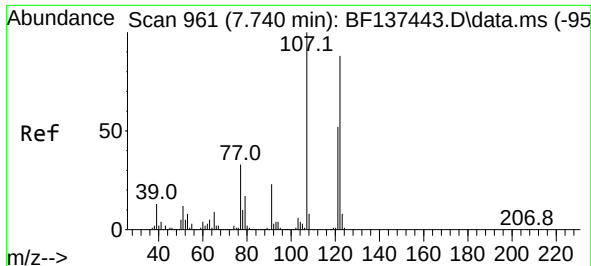
Tgt Ion: 82 Resp: 1778494
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.0 11.8 17.8



#26
2-Nitrophenol
Concen: 50.006 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:139 Resp: 405601
Ion Ratio Lower Upper
139 100
109 28.7 22.2 33.4
65 59.3 46.2 69.2

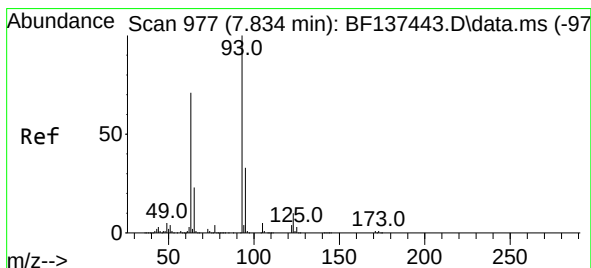
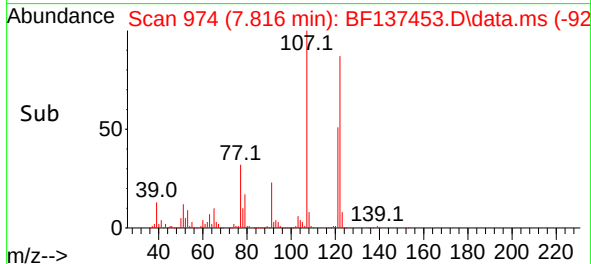
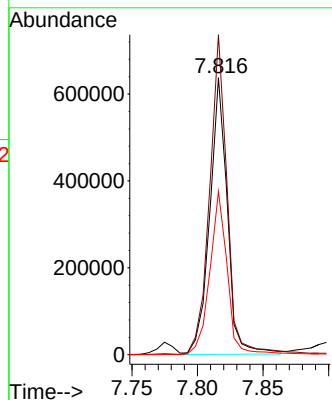
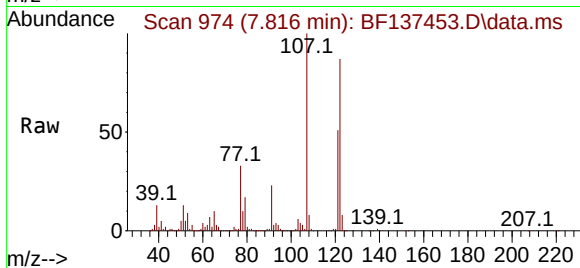




#27
2,4-Dimethylphenol
Concen: 39.281 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

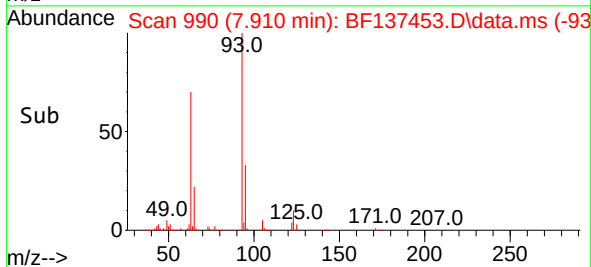
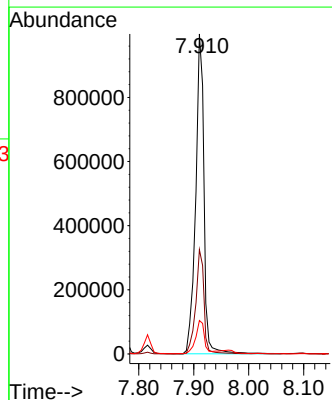
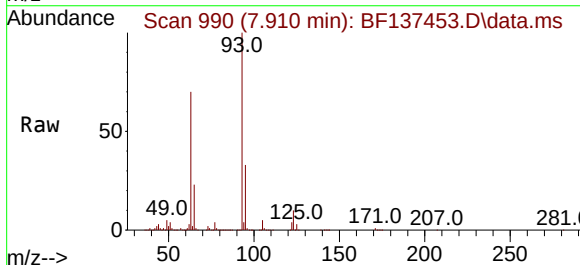
Instrument :
BNA_F
ClientSampleId :
PB159365BS

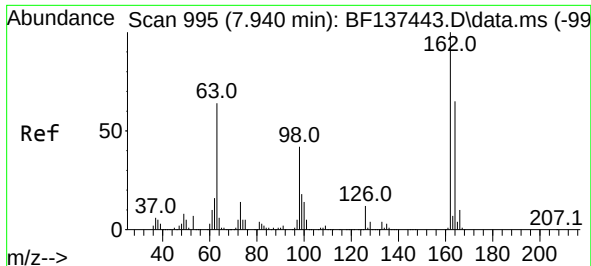
Tgt Ion:122 Resp: 595329
Ion Ratio Lower Upper
122 100
107 115.5 90.9 136.3
121 59.0 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.105 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 93 Resp: 1045210
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 10.4 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 47.656 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

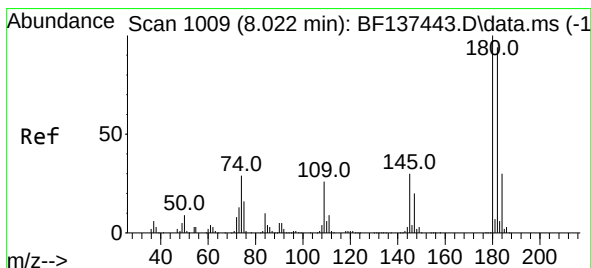
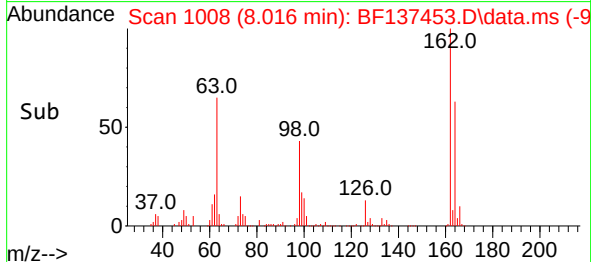
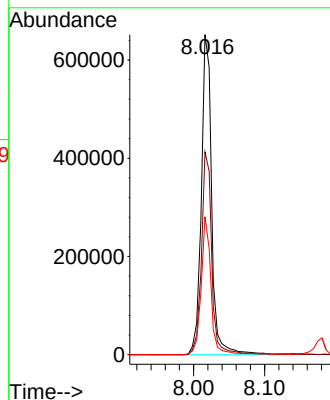
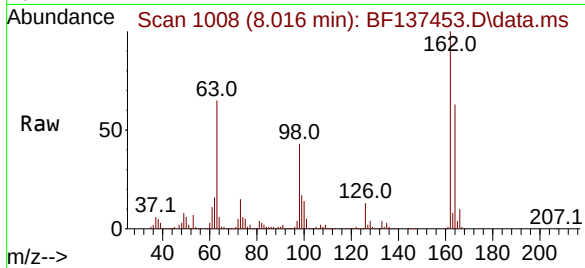
Tgt Ion:162 Resp: 662873

Ion Ratio Lower Upper

162 100

164 63.3 44.7 84.7

98 43.1 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 46.776 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

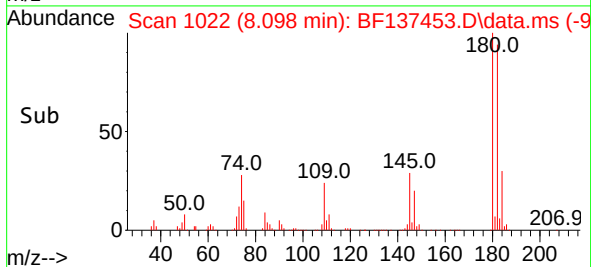
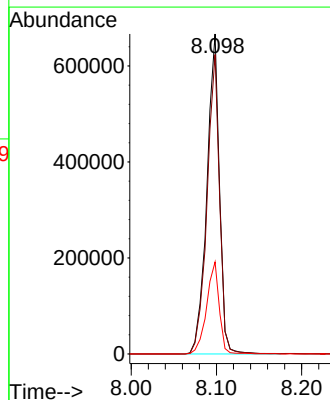
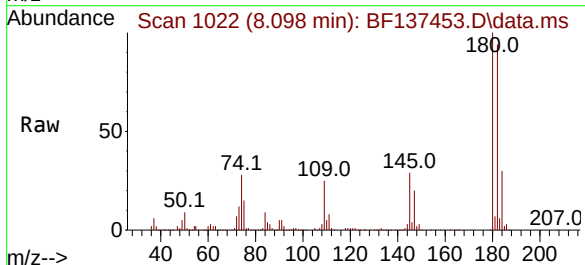
Tgt Ion:180 Resp: 684694

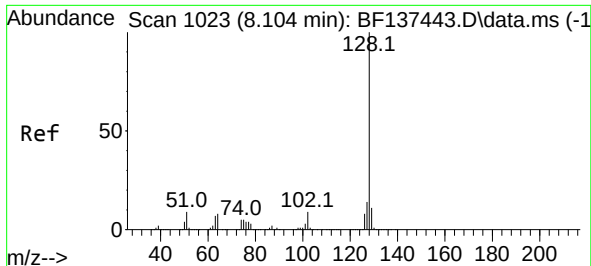
Ion Ratio Lower Upper

180 100

182 93.6 75.0 112.6

145 28.8 23.7 35.5

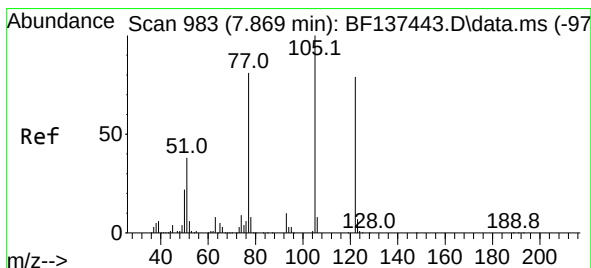
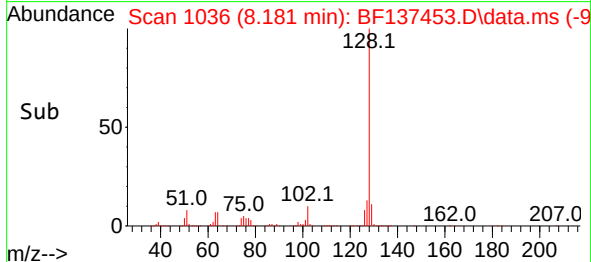
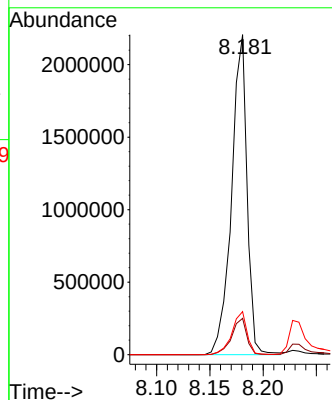
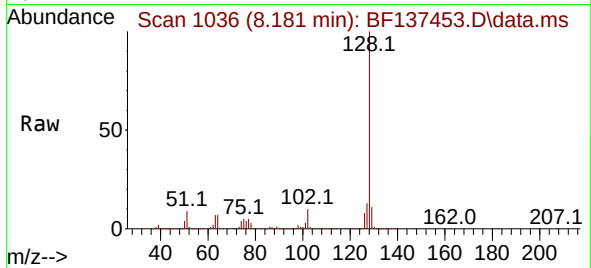




#31
Naphthalene
Concen: 44.161 ng
RT: 8.181 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

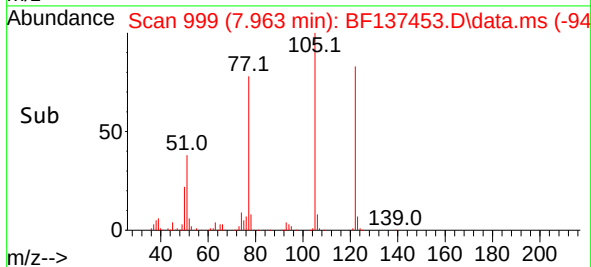
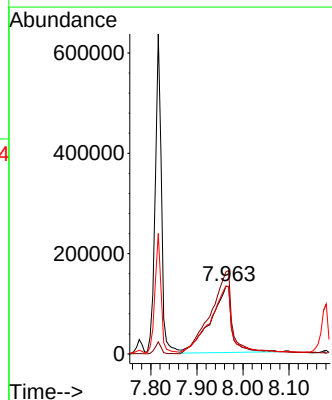
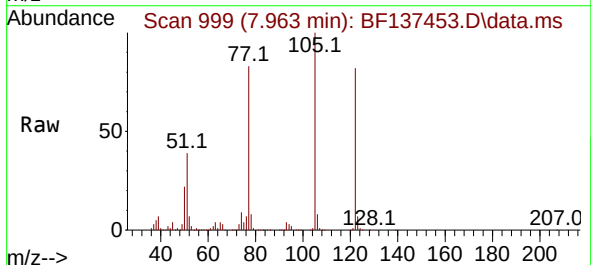
Instrument :
BNA_F
ClientSampleId :
PB159365BS

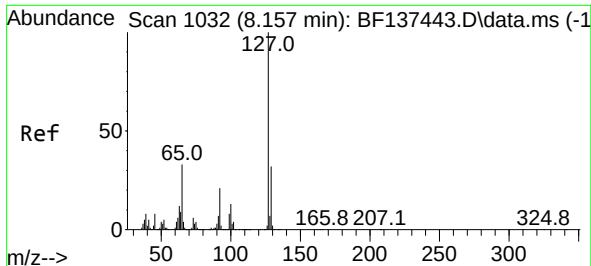
Tgt Ion:128 Resp: 2238982
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 48.954 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.018 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:122 Resp: 428526
Ion Ratio Lower Upper
122 100
105 121.4 102.4 142.4
77 100.4 81.1 121.1

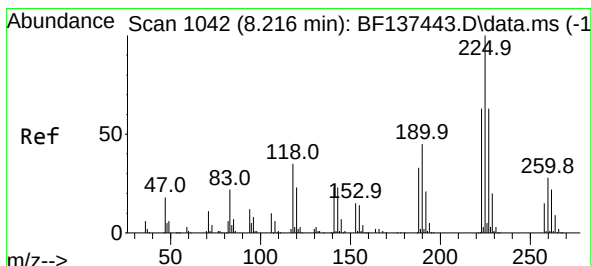
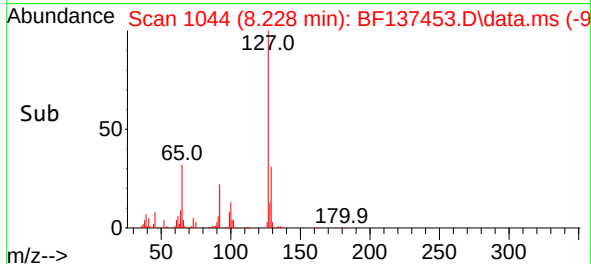
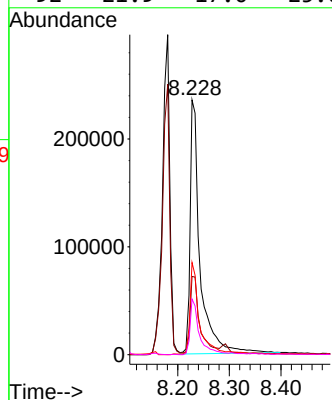
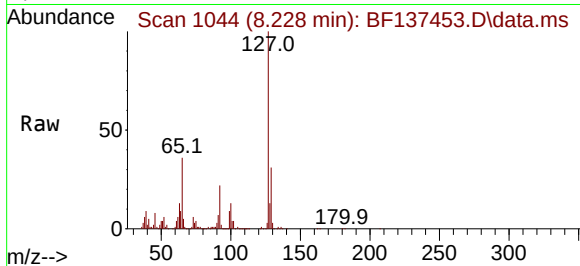




#33
4-Chloroaniline
Concen: 15.898 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

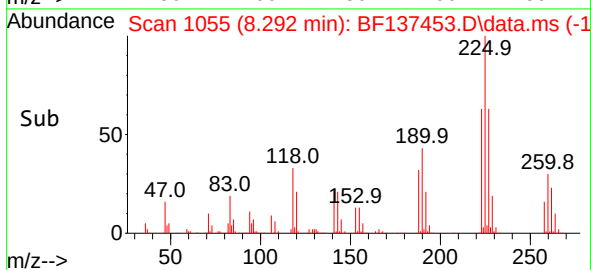
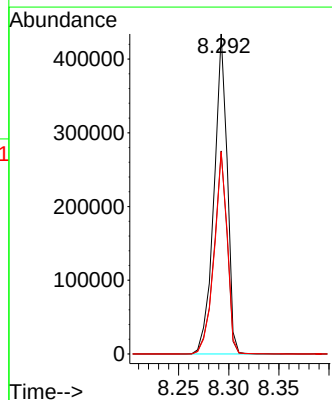
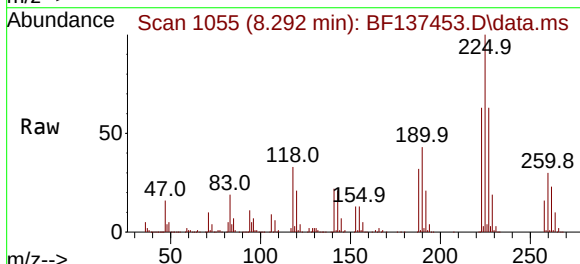
Instrument :
BNA_F
ClientSampleId :
PB159365BS

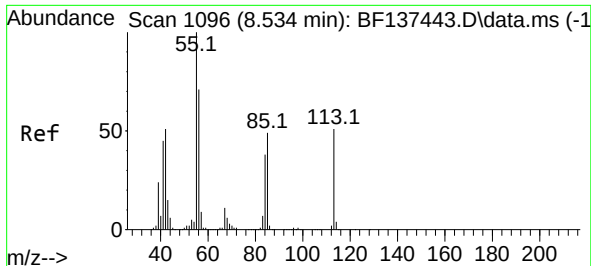
Tgt Ion:	127	Resp:	316068
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.0	39.0
65	36.2	26.8	40.2
92	21.9	17.0	25.6



#34
Hexachlorobutadiene
Concen: 45.788 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:	225	Resp:	395686
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.7	76.1
227	63.0	50.6	75.8

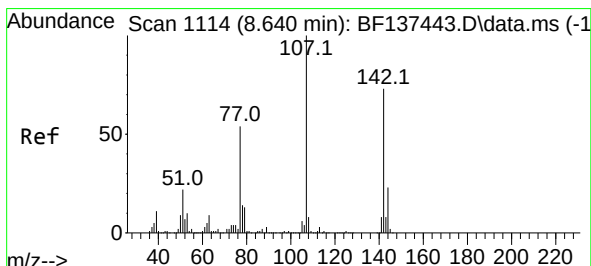
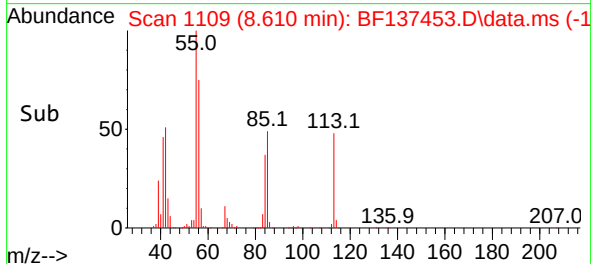
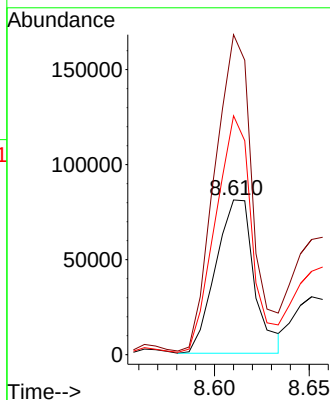
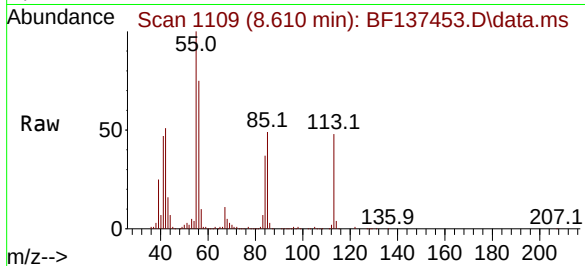




#35
Caprolactam
Concen: 24.241 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

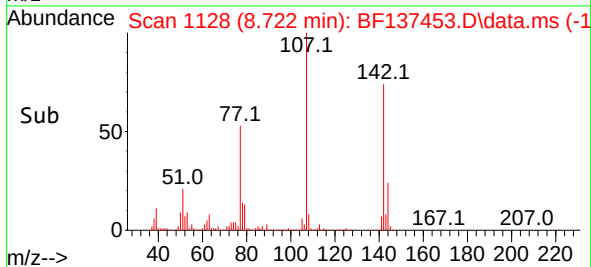
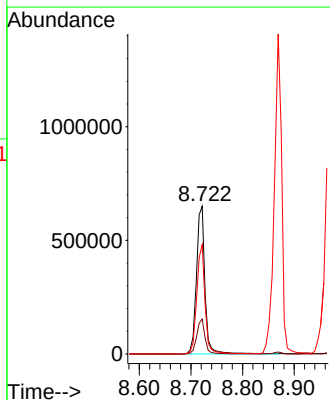
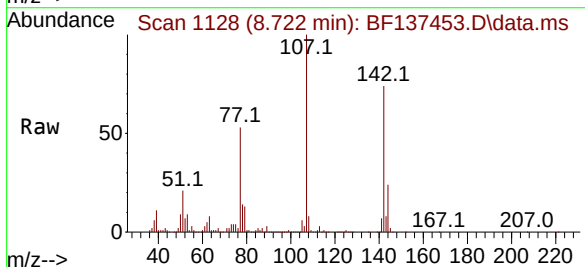
Instrument :
BNA_F
ClientSampleId :
PB159365BS

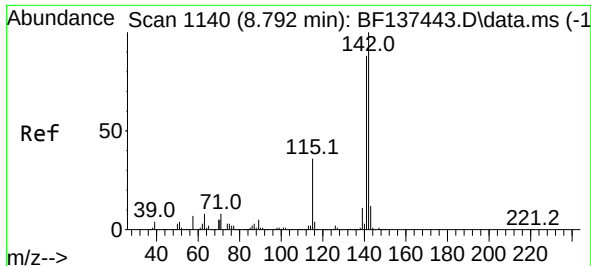
Tgt Ion:113 Resp: 114334
Ion Ratio Lower Upper
113 100
55 206.9 176.7 216.7
56 154.5 120.6 160.6



#36
4-Chloro-3-methylphenol
Concen: 47.590 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:107 Resp: 739937
Ion Ratio Lower Upper
107 100
144 23.6 18.7 28.1
142 74.0 58.2 87.2

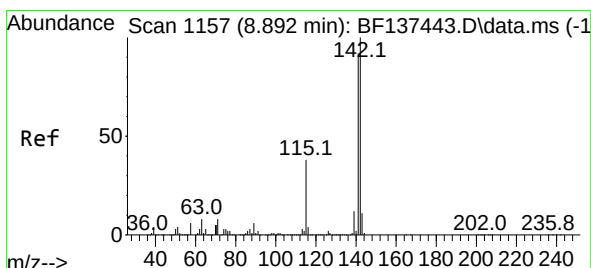
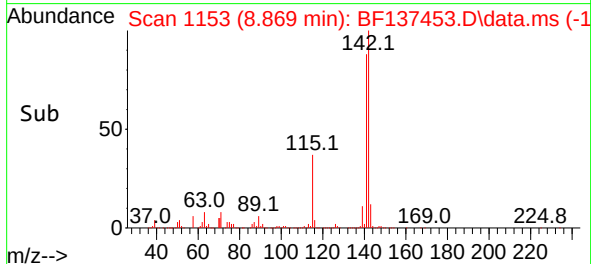
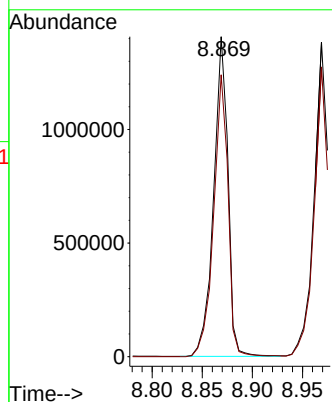
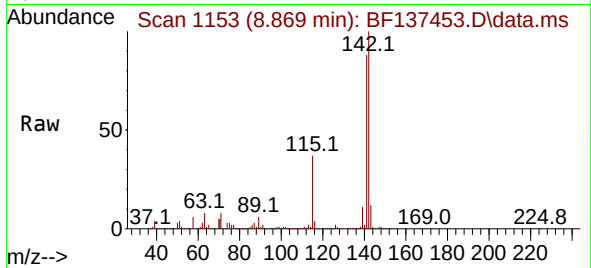




#37
2-Methylnaphthalene
Concen: 43.261 ng
RT: 8.869 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

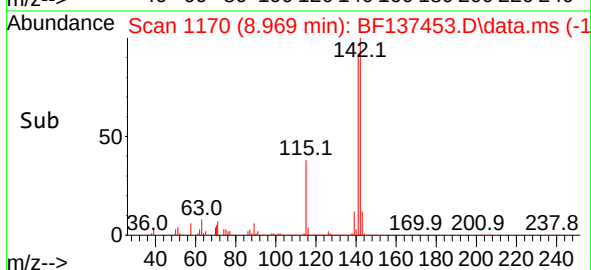
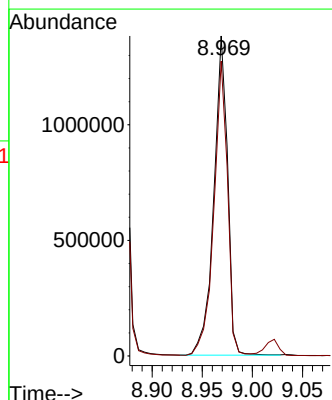
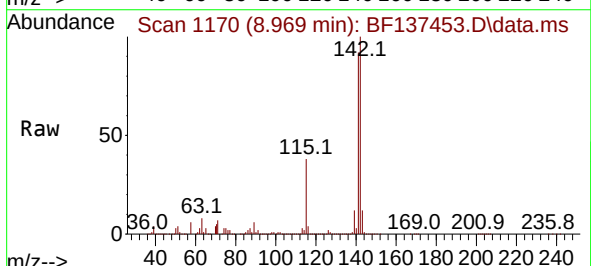
Instrument :
BNA_F
ClientSampleId :
PB159365BS

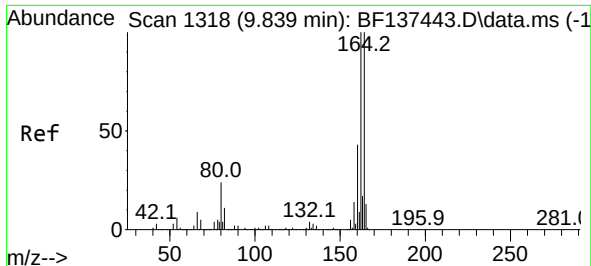
Tgt Ion:142 Resp: 1398244
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6



#38
1-Methylnaphthalene
Concen: 43.371 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:142 Resp: 1320133
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2

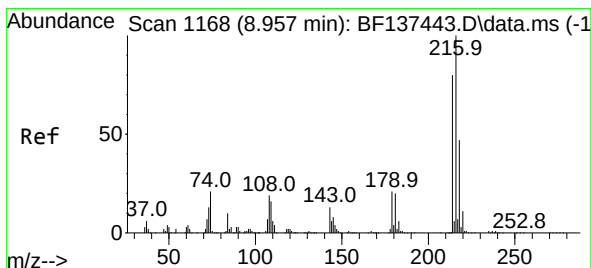
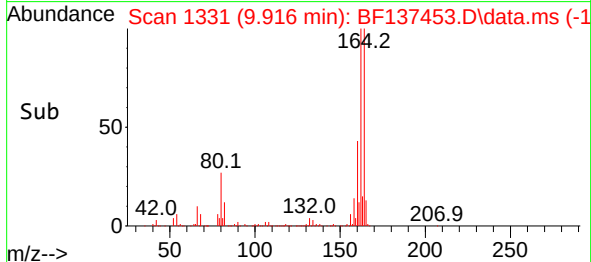
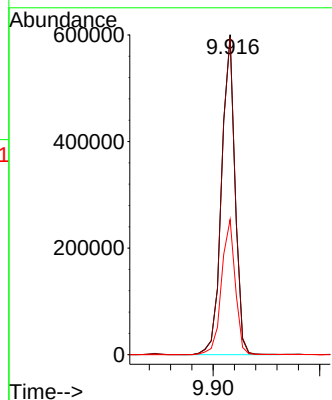
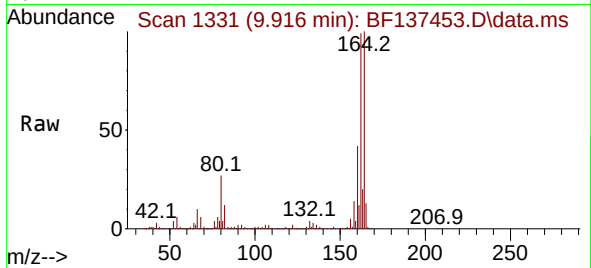




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

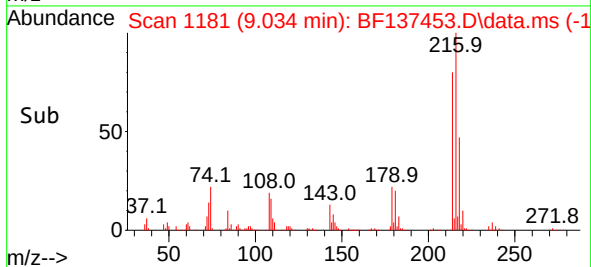
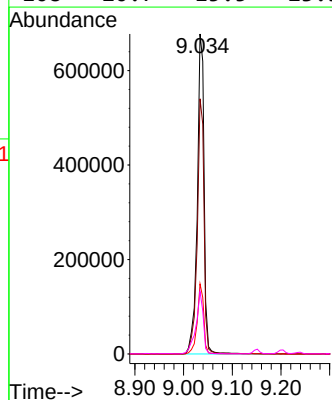
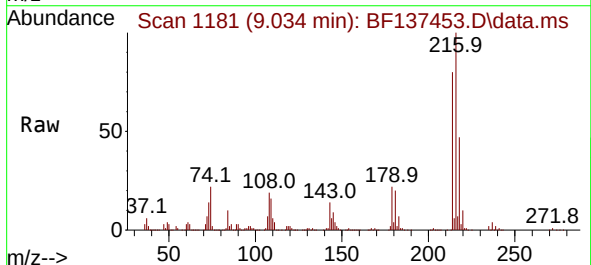
Instrument :
BNA_F
ClientSampleId :
PB159365BS

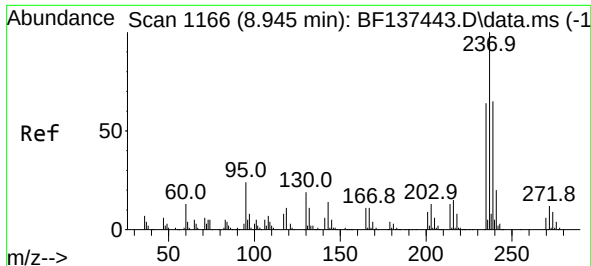
Tgt Ion:164 Resp: 523635
Ion Ratio Lower Upper
164 100
162 99.2 79.8 119.8
160 42.2 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.845 ng
RT: 9.034 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:216 Resp: 670192
Ion Ratio Lower Upper
216 100
214 78.8 63.5 95.3
179 20.7 16.6 25.0
108 20.7 15.5 23.3

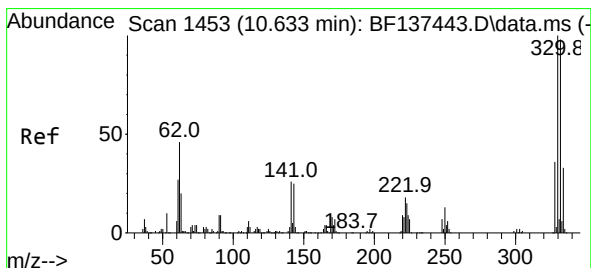
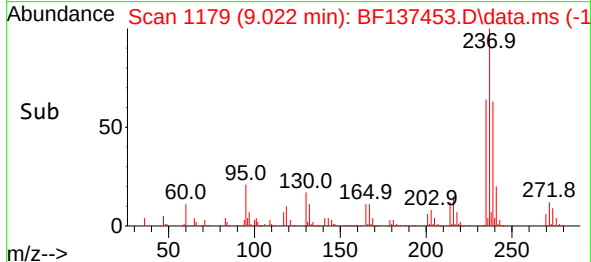
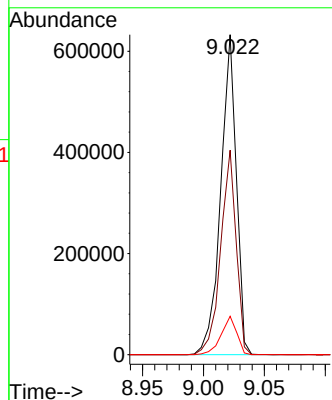
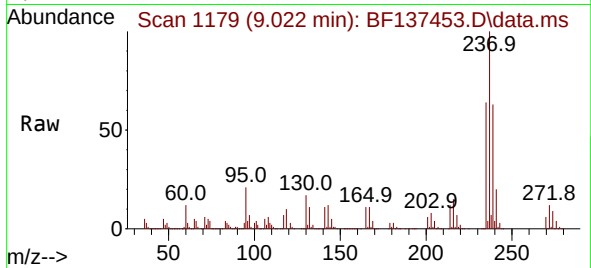




#41
Hexachlorocyclopentadiene
Concen: 93.400 ng
RT: 9.022 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

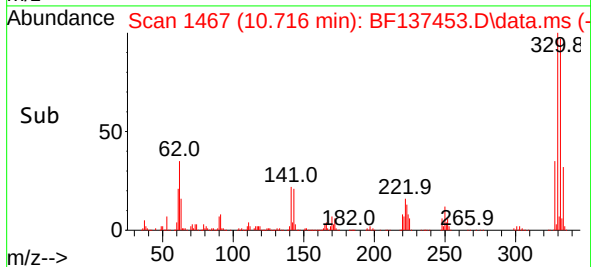
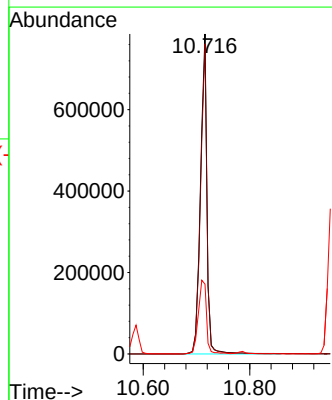
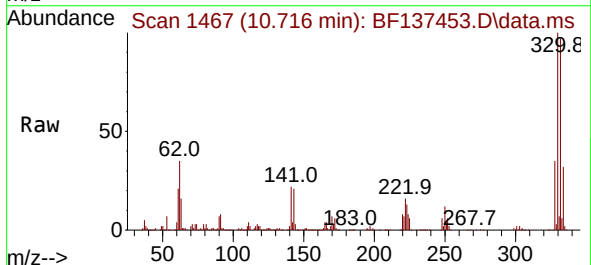
Instrument :
BNA_F
ClientSampleId :
PB159365BS

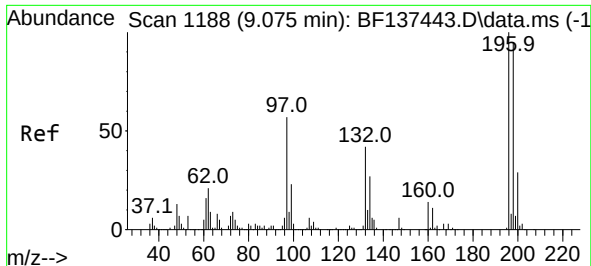
Tgt Ion:237 Resp: 566381
Ion Ratio Lower Upper
237 100
235 63.9 43.6 83.6
272 12.0 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 144.415 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:330 Resp: 664083
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 29.0 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 48.338 ng

RT: 9.151 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

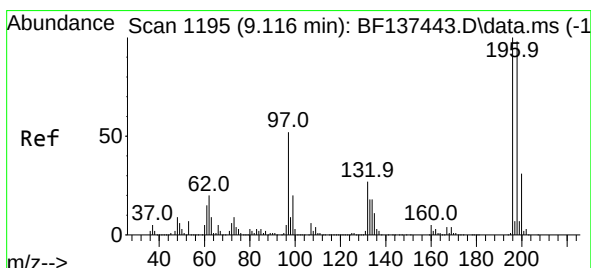
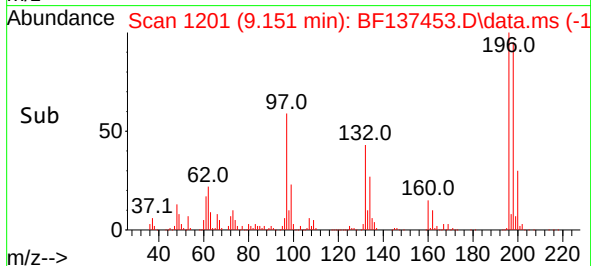
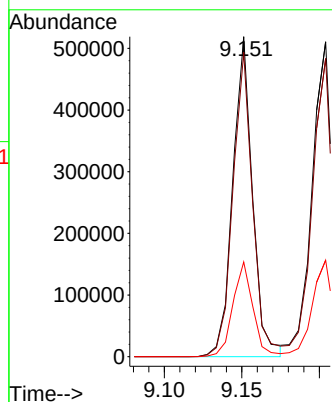
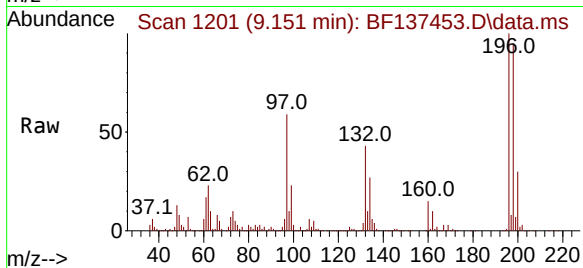
Tgt Ion:196 Resp: 460167

Ion Ratio Lower Upper

196 100

198 95.1 75.8 113.8

200 29.6 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 44.489 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.018 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Tgt Ion:196 Resp: 487876

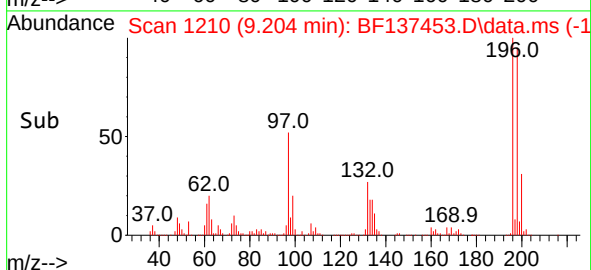
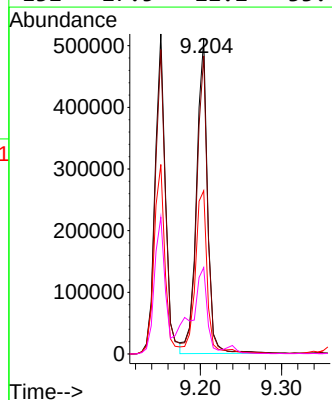
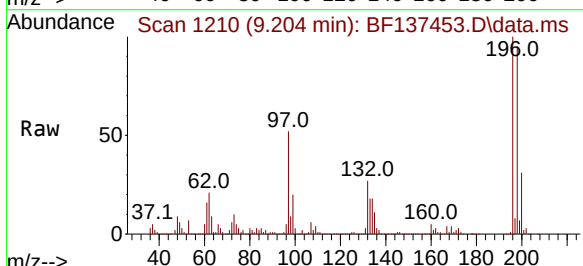
Ion Ratio Lower Upper

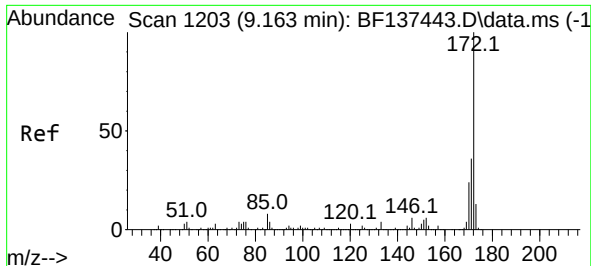
196 100

198 94.7 78.6 117.8

97 51.8 41.8 62.8

132 27.5 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 83.077 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

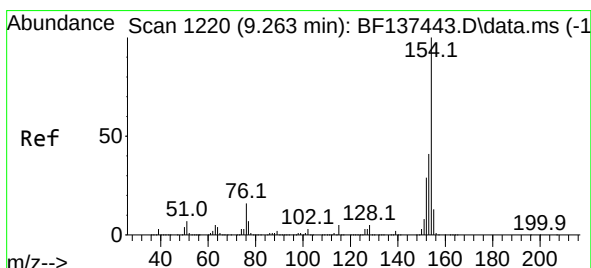
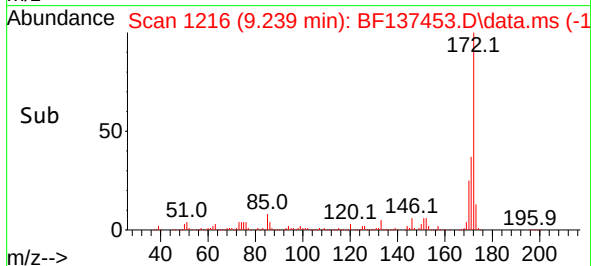
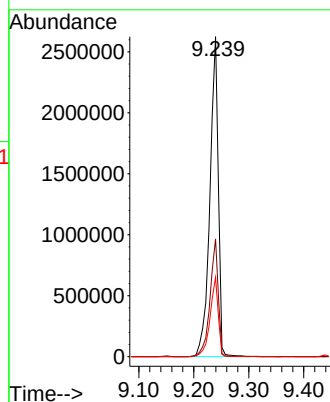
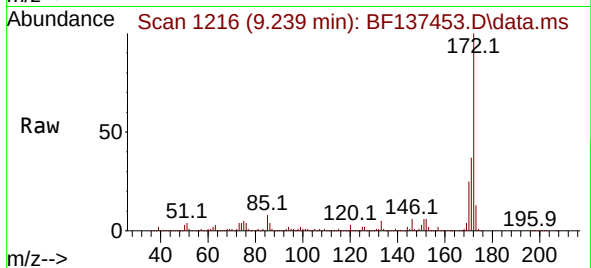
Tgt Ion:172 Resp: 2779024

Ion Ratio Lower Upper

172 100

171 36.8 28.5 42.7

170 24.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 44.512 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

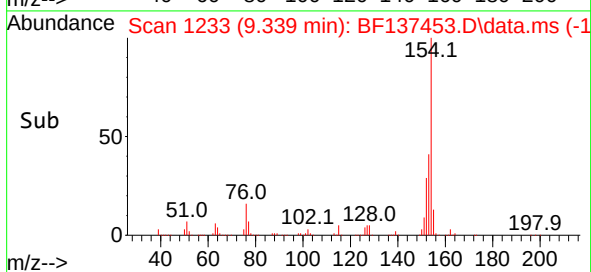
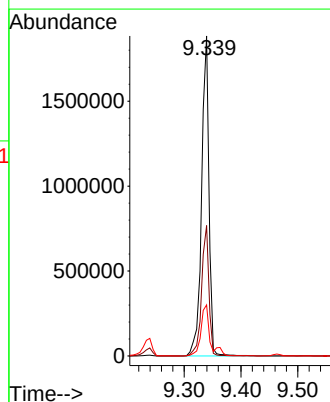
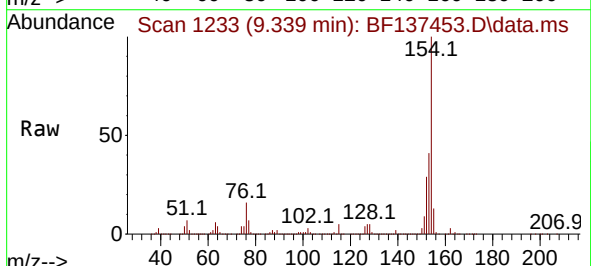
Tgt Ion:154 Resp: 1705960

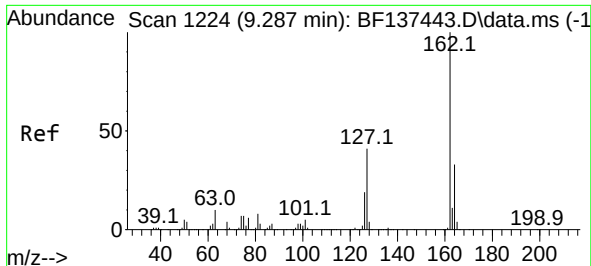
Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

76 15.9 0.0 35.8





#47

2-Chloronaphthalene

Concen: 46.321 ng

RT: 9.363 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

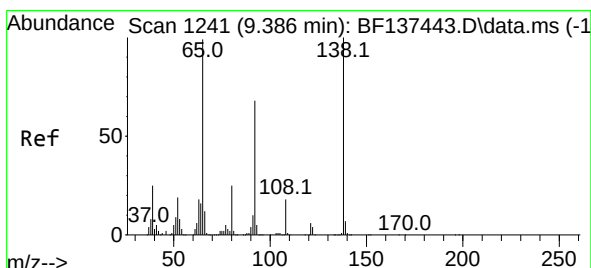
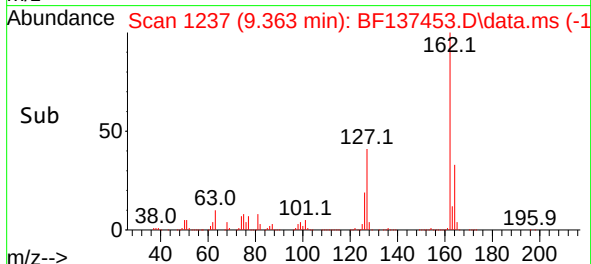
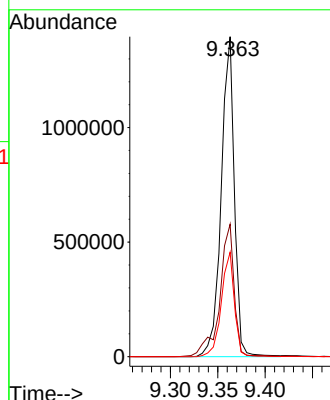
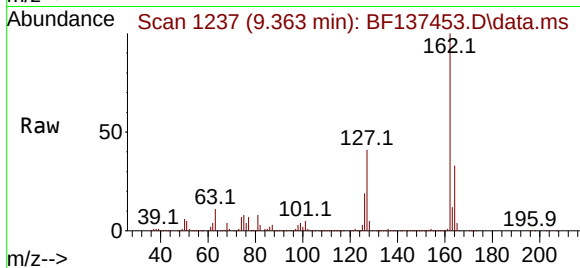
Tgt Ion:162 Resp: 1353489

Ion Ratio Lower Upper

162 100

127 41.4 32.6 49.0

164 32.6 26.5 39.7



#48

2-Nitroaniline

Concen: 48.660 ng

RT: 9.463 min Scan# 1254

Delta R.T. 0.000 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

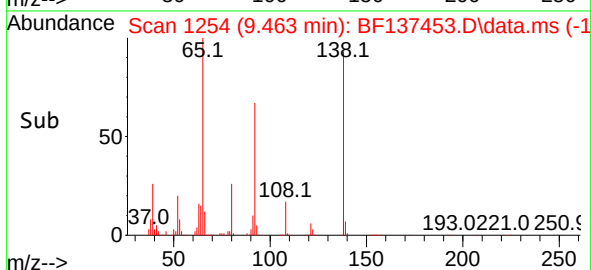
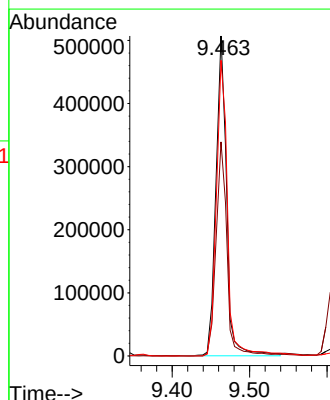
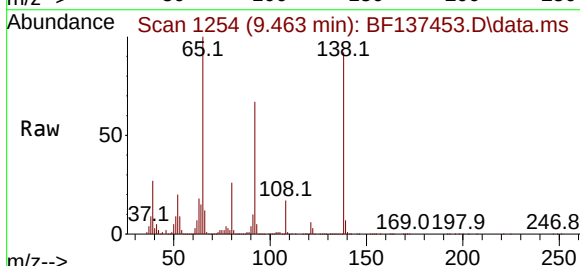
Tgt Ion: 65 Resp: 483272

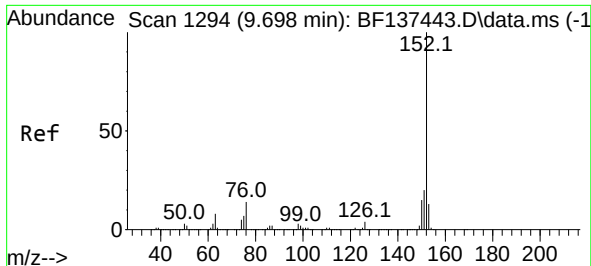
Ion Ratio Lower Upper

65 100

92 66.9 55.4 83.2

138 92.4 81.0 121.6

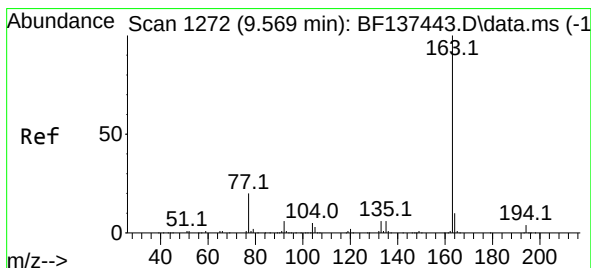
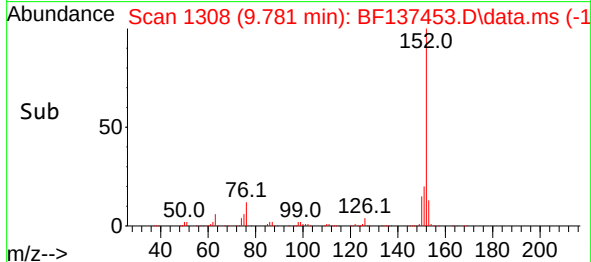
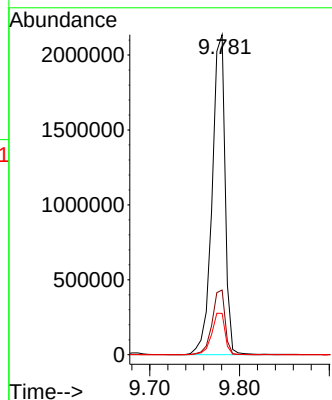
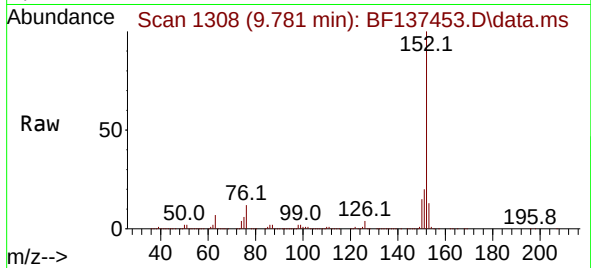




#49
Acenaphthylene
Concen: 45.916 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

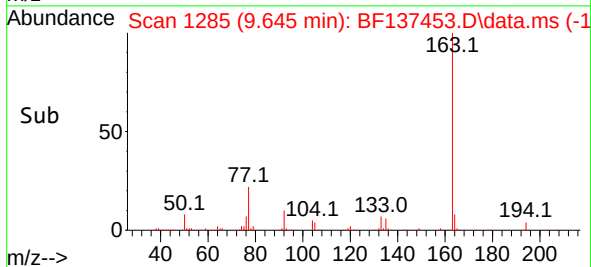
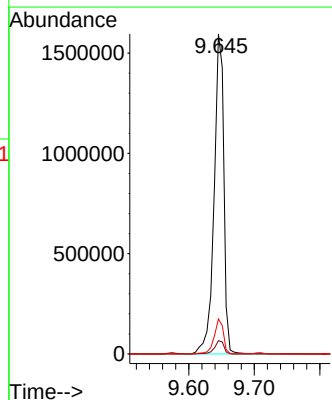
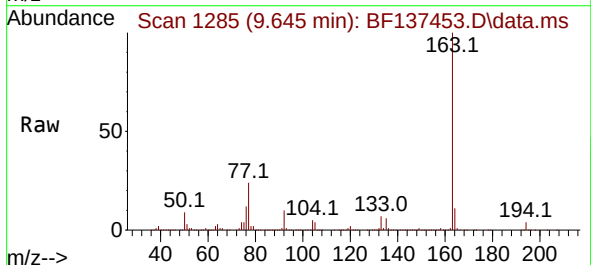
Instrument :
BNA_F
ClientSampleId :
PB159365BS

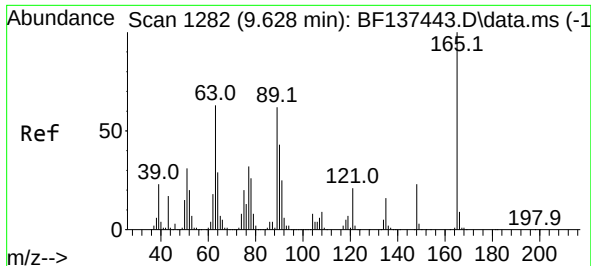
Tgt Ion:152 Resp: 2147126
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 12.9 10.8 16.2



#50
Dimethylphthalate
Concen: 45.275 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:163 Resp: 1650324
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 11.0 8.1 12.1

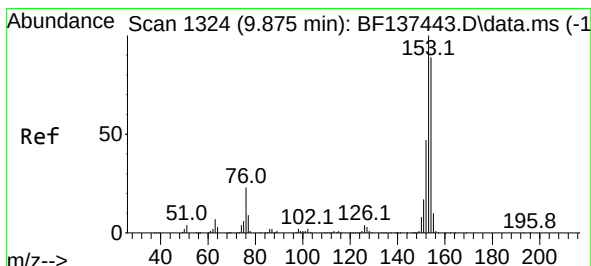
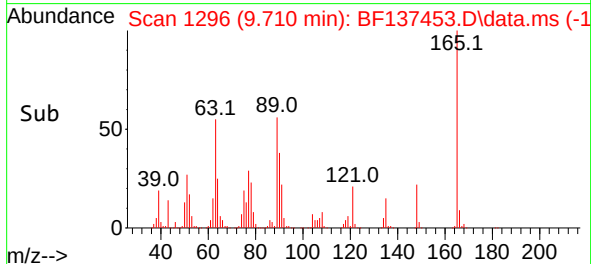
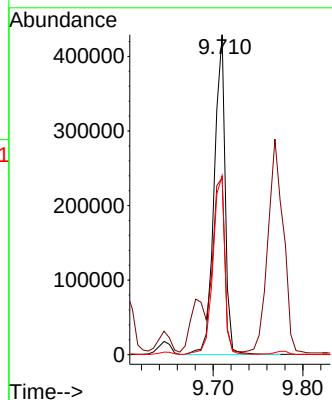
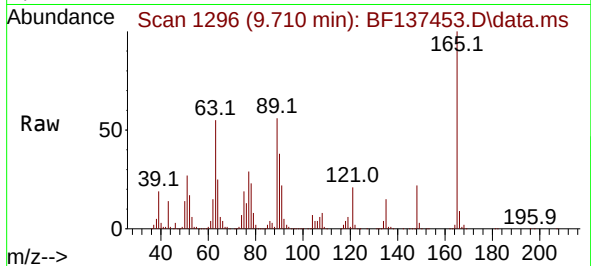




#51
2,6-Dinitrotoluene
Concen: 48.083 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

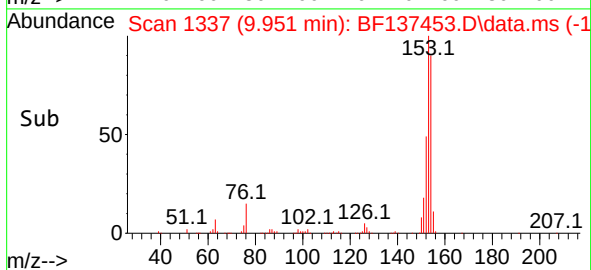
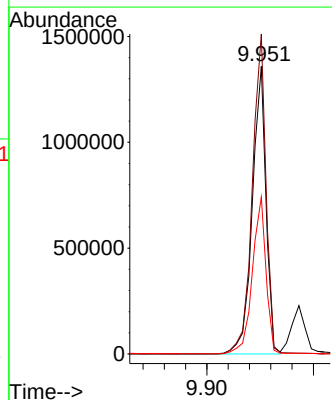
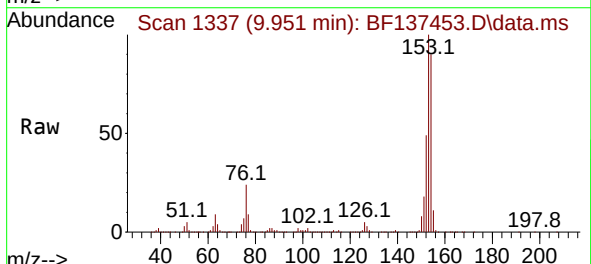
Instrument :
BNA_F
ClientSampleId :
PB159365BS

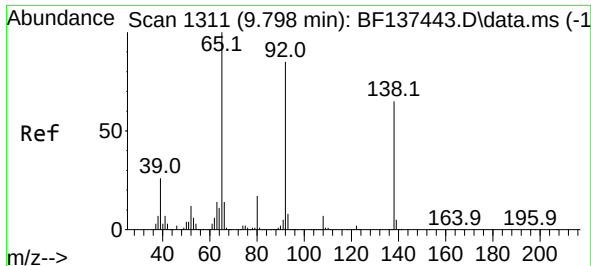
Tgt Ion:165 Resp: 366587
Ion Ratio Lower Upper
165 100
63 55.2 50.7 76.1
89 55.9 50.0 75.0



#52
Acenaphthene
Concen: 43.448 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:154 Resp: 1212942
Ion Ratio Lower Upper
154 100
153 111.3 90.3 135.5
152 54.5 42.7 64.1

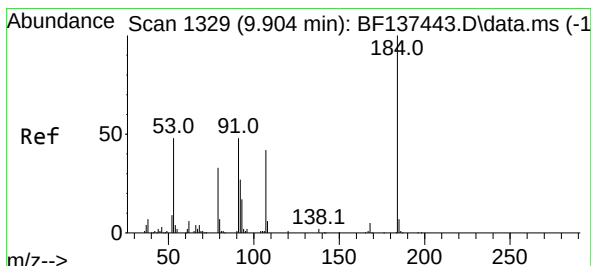
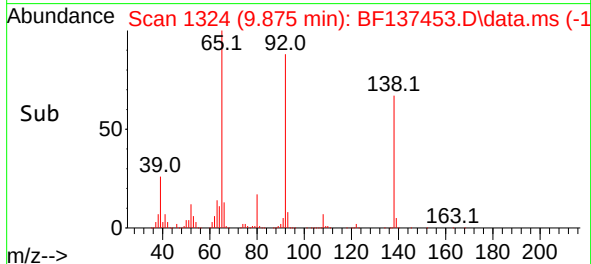
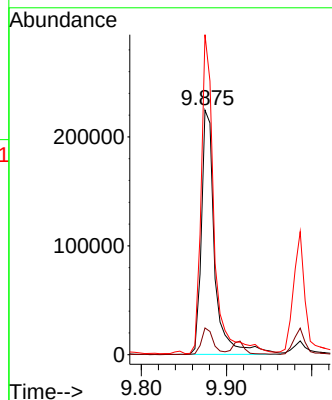
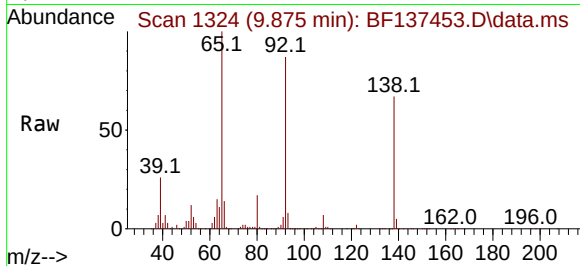




#53
3-Nitroaniline
Concen: 30.416 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

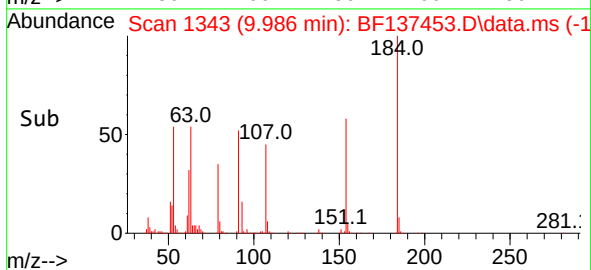
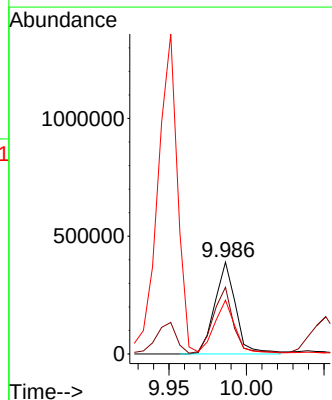
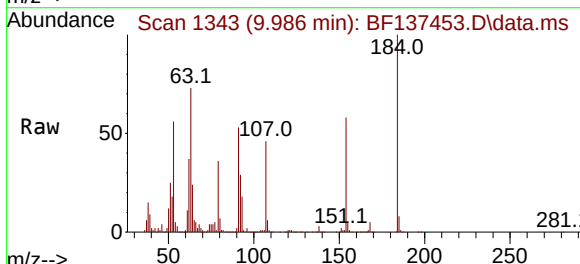
Instrument :
BNA_F
ClientSampleId :
PB159365BS

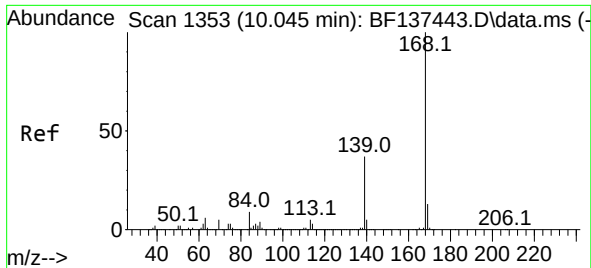
Tgt Ion:138 Resp: 245283
Ion Ratio Lower Upper
138 100
108 11.0 9.1 13.7
92 130.9 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 96.807 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:184 Resp: 367151
Ion Ratio Lower Upper
184 100
63 72.7 53.3 79.9
154 58.5 47.4 71.0

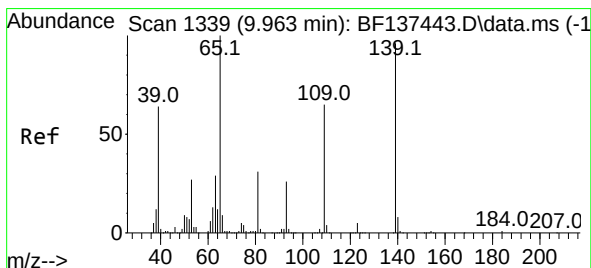
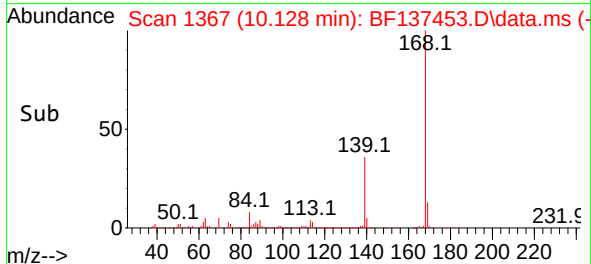
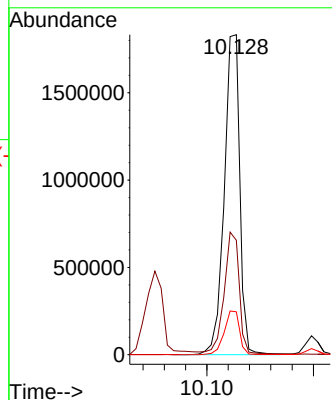
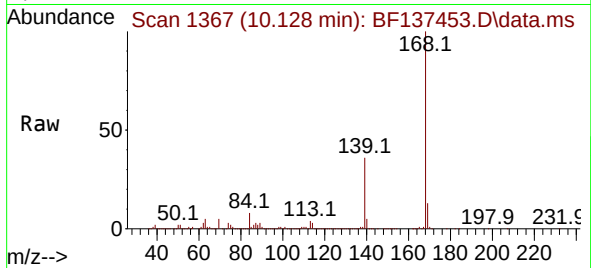




#55
Dibenzofuran
Concen: 43.544 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

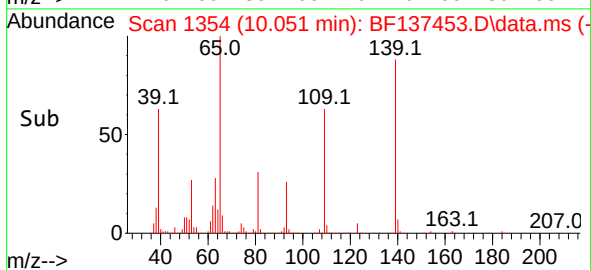
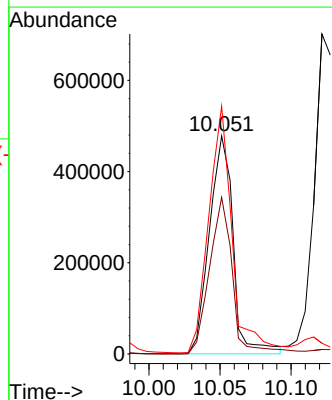
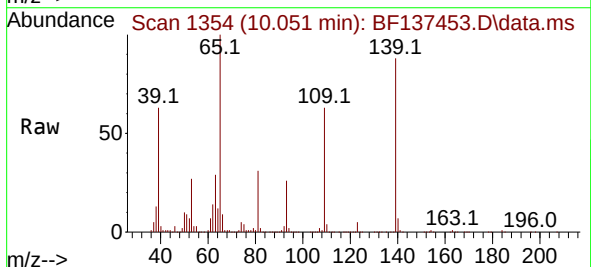
Instrument :
BNA_F
ClientSampleId :
PB159365BS

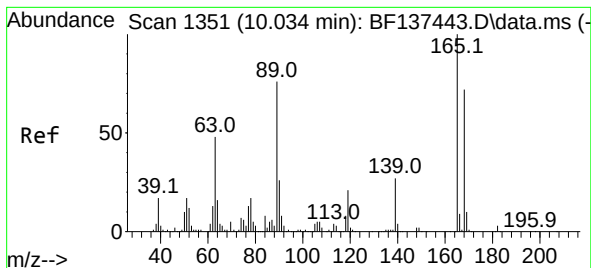
Tgt Ion:168 Resp: 1851488
Ion Ratio Lower Upper
168 100
139 35.8 29.8 44.6
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 95.738 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:139 Resp: 554700
Ion Ratio Lower Upper
139 100
109 71.9 47.1 87.1
65 113.6 85.1 125.1

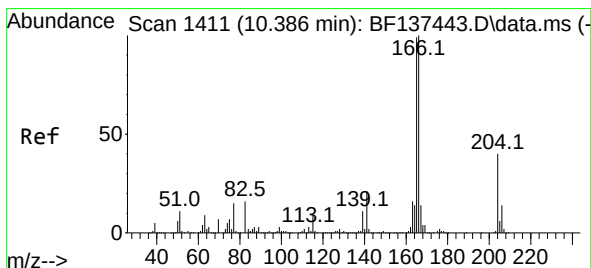
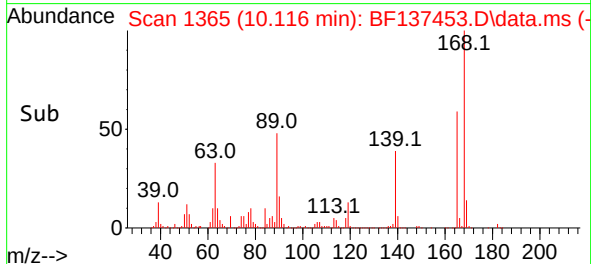
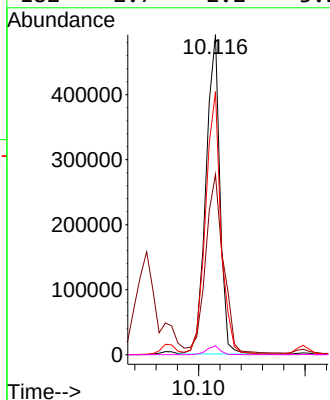
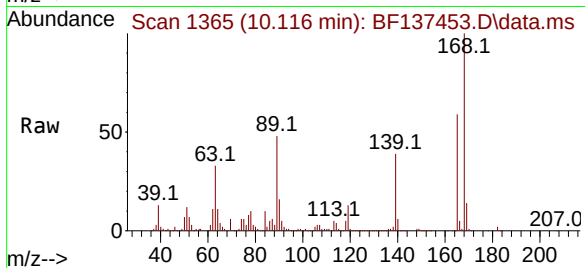




#57
2,4-Dinitrotoluene
Concen: 47.942 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

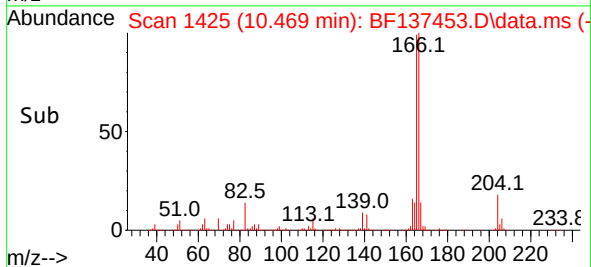
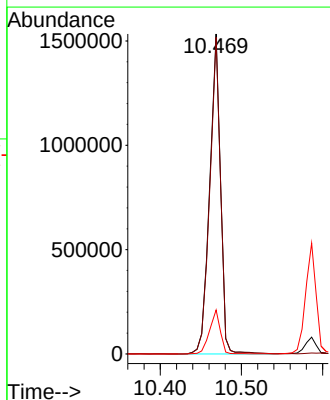
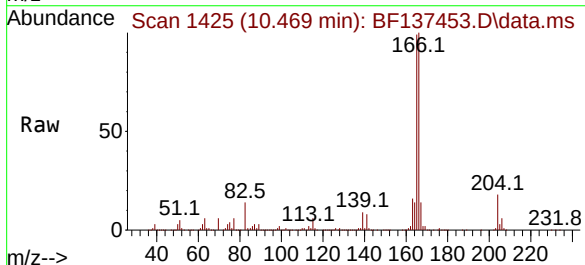
Instrument :
BNA_F
ClientSampleId :
PB159365BS

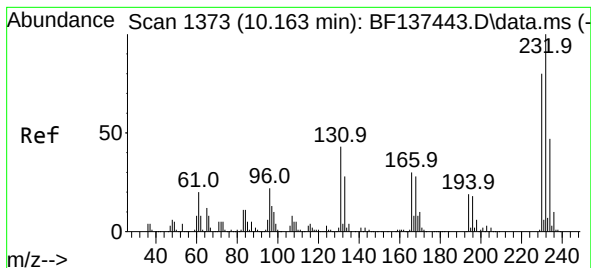
Tgt Ion:165 Resp: 449061
Ion Ratio Lower Upper
165 100
63 56.4 39.0 58.6
89 82.2 60.9 91.3
182 2.7 2.2 3.2



#58
Fluorene
Concen: 43.366 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:166 Resp: 1416122
Ion Ratio Lower Upper
166 100
165 99.0 79.2 118.8
167 13.7 11.0 16.6

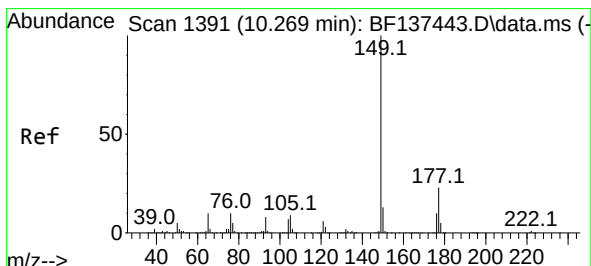
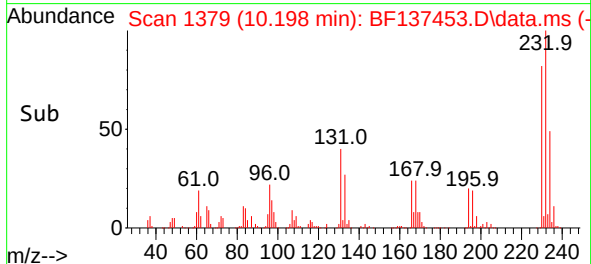
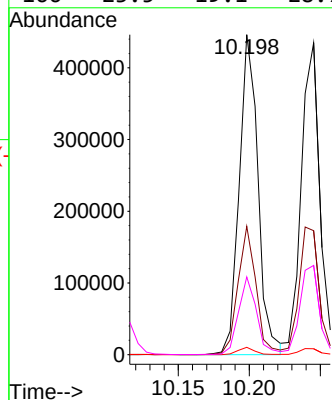
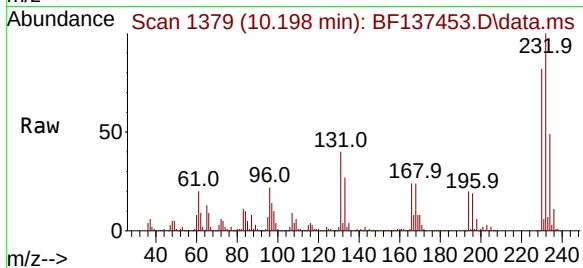




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.806 ng
RT: 10.198 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

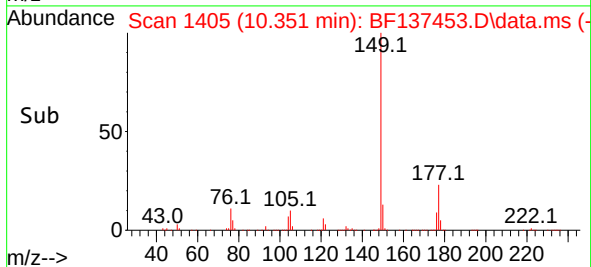
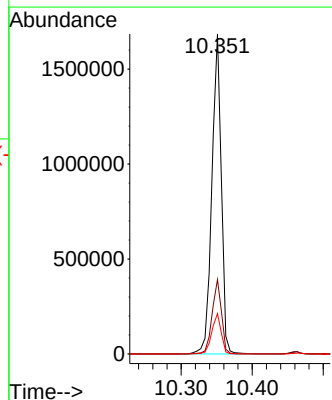
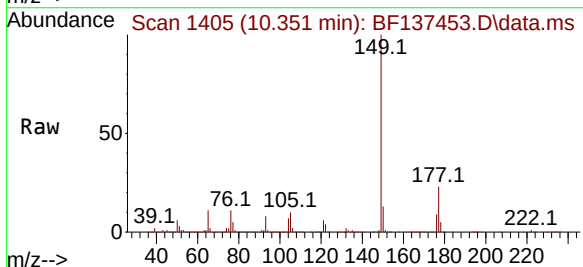
Instrument :
BNA_F
ClientSampleId :
PB159365BS

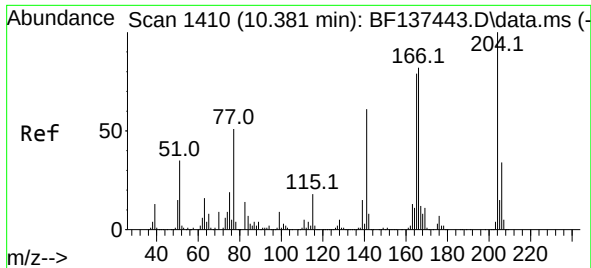
Tgt Ion:232 Resp: 411607
Ion Ratio Lower Upper
232 100
131 38.8 31.2 46.8
130 2.1 1.8 2.6
166 23.5 19.1 28.7



#60
Diethylphthalate
Concen: 45.268 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:149 Resp: 1558195
Ion Ratio Lower Upper
149 100
177 23.3 18.7 28.1
150 12.6 10.2 15.4

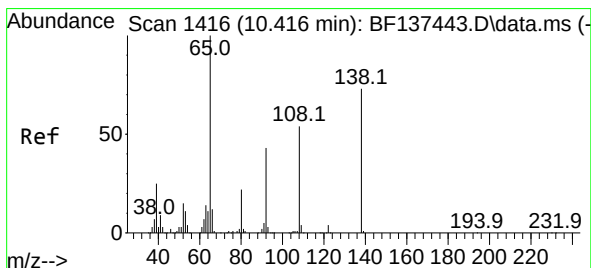
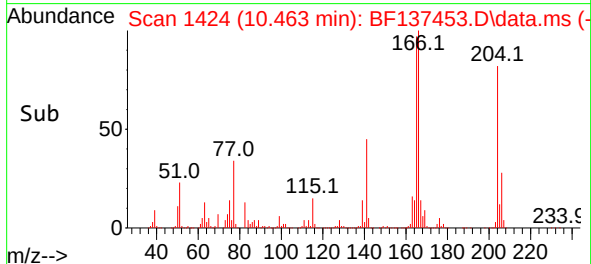
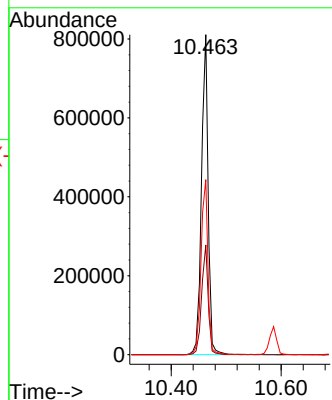
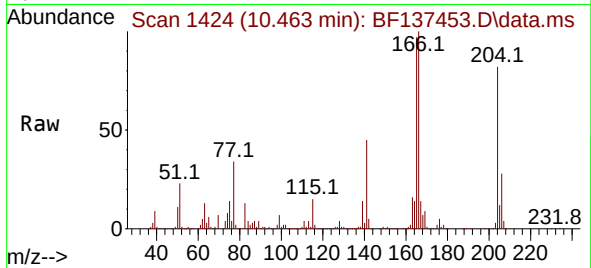




#61
4-Chlorophenyl-phenylether
Concen: 42.939 ng
RT: 10.463 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

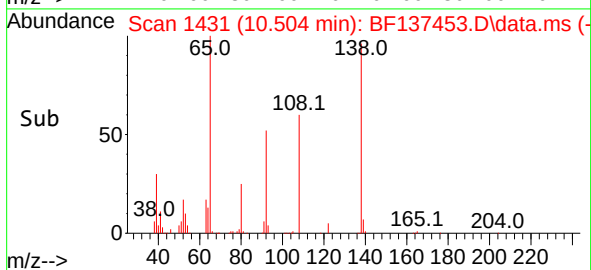
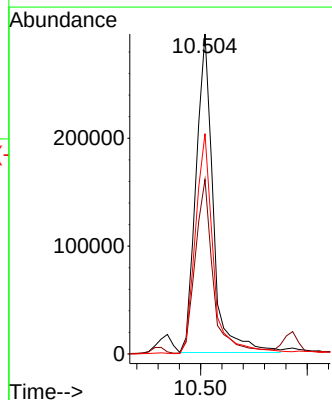
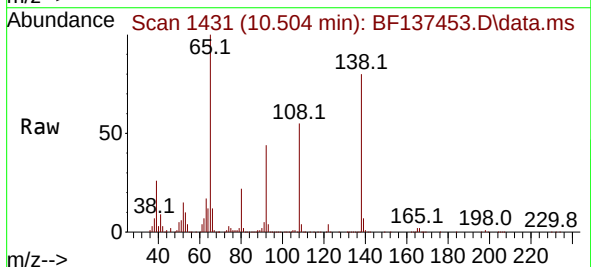
Instrument :
BNA_F
ClientSampleId :
PB159365BS

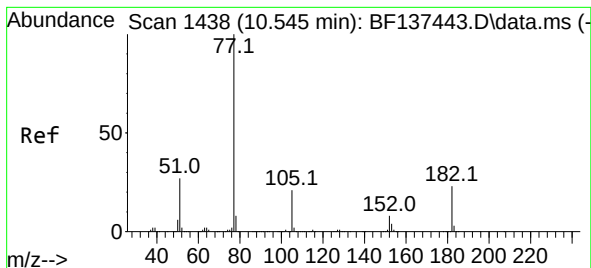
Tgt Ion:204 Resp: 687183
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.0
141 54.7 48.4 72.6



#62
4-Nitroaniline
Concen: 47.960 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:138 Resp: 332417
Ion Ratio Lower Upper
138 100
92 54.5 37.9 77.9
108 68.9 53.2 93.2





#63

Azobenzene

Concen: 45.322 ng

RT: 10.622 min Scan# 1438

Delta R.T. 0.000 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

Tgt Ion: 77 Resp: 1796408

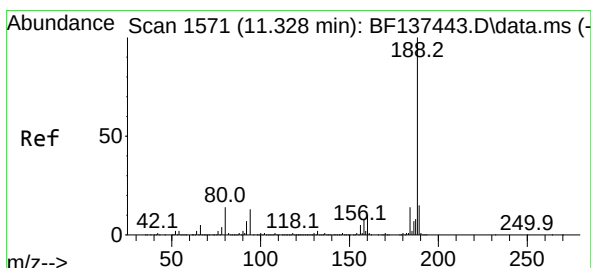
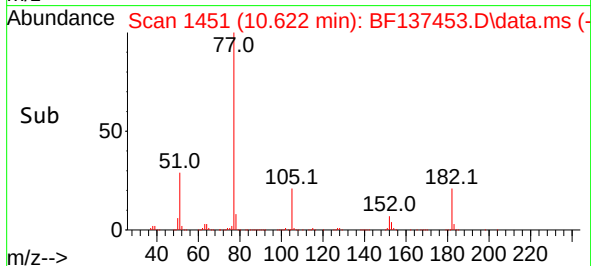
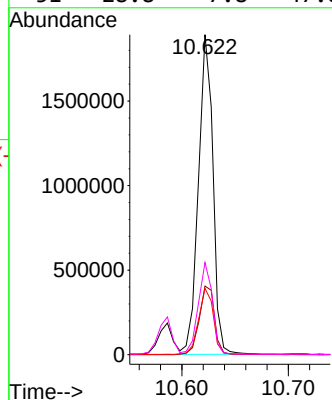
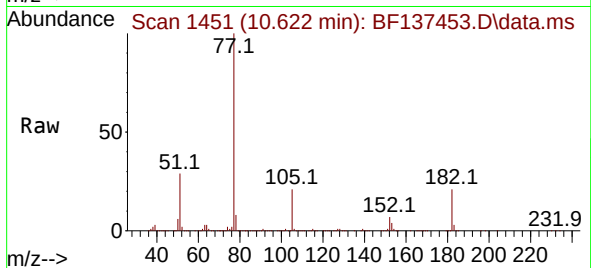
Ion Ratio Lower Upper

77 100

182 21.5 3.2 43.2

105 20.7 1.2 41.2

51 28.8 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

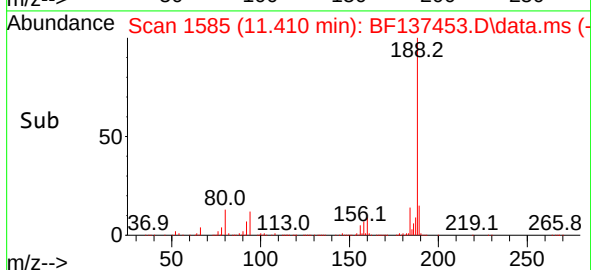
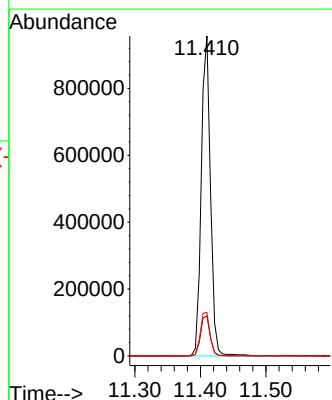
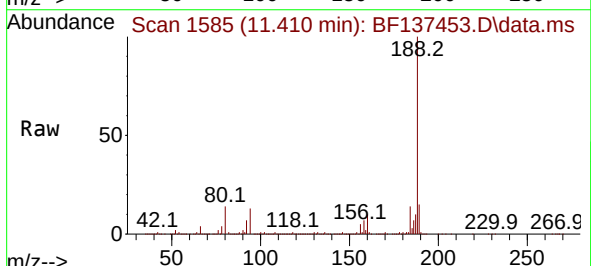
Tgt Ion: 188 Resp: 934791

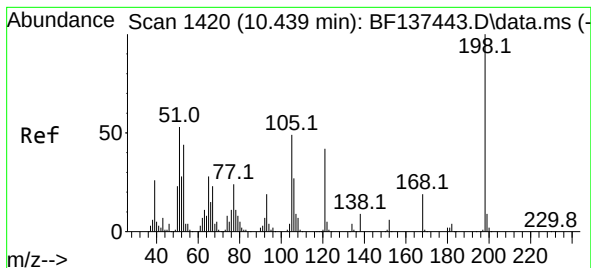
Ion Ratio Lower Upper

188 100

94 12.5 10.6 15.8

80 13.6 11.5 17.3

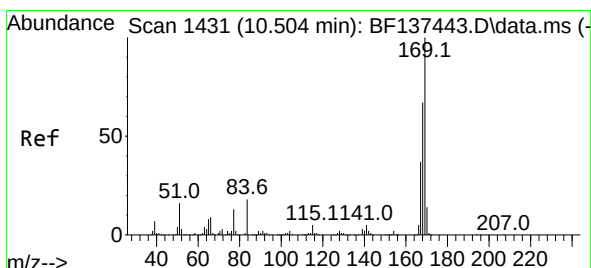
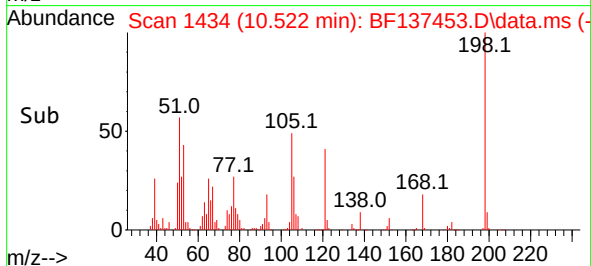
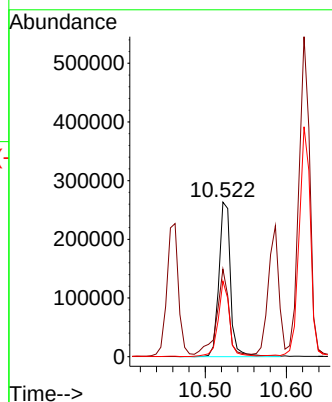
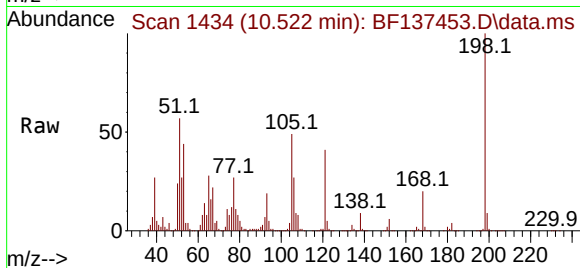




#65
4,6-Dinitro-2-methylphenol
Concen: 50.195 ng
RT: 10.522 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

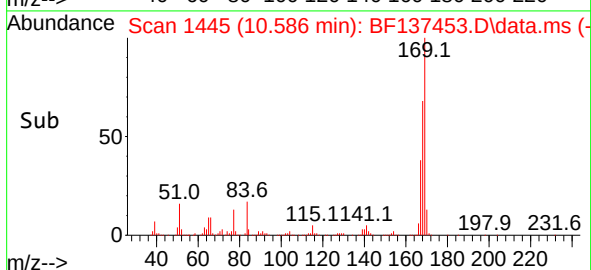
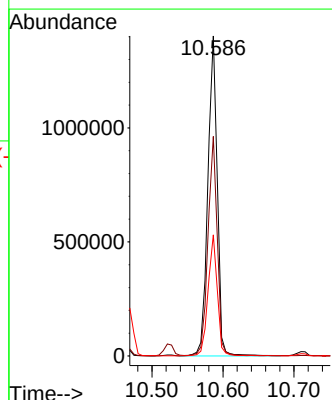
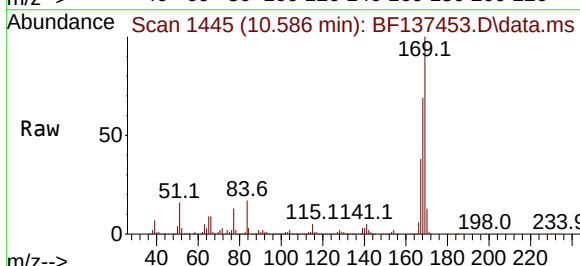
Instrument :
BNA_F
ClientSampleId :
PB159365BS

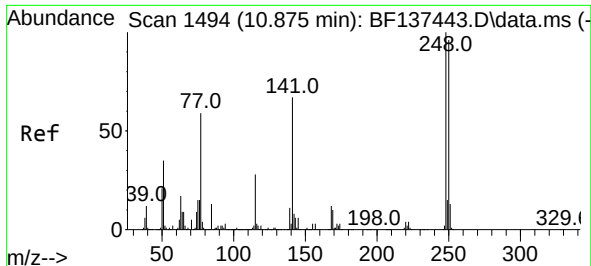
Tgt Ion:198 Resp: 261518
Ion Ratio Lower Upper
198 100
51 56.6 37.2 77.2
105 48.9 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 43.022 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:169 Resp: 1295016
Ion Ratio Lower Upper
169 100
168 68.6 53.8 80.6
167 37.8 29.6 44.4

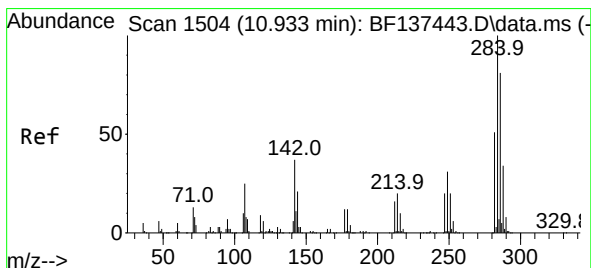
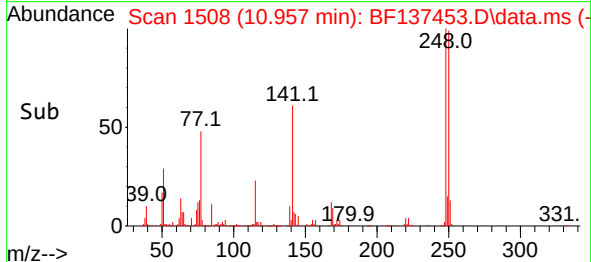
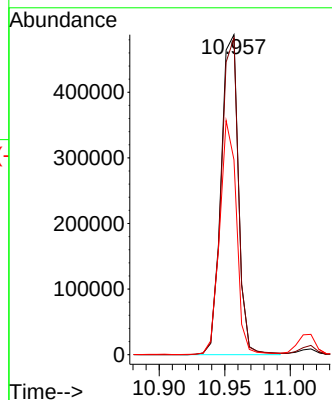
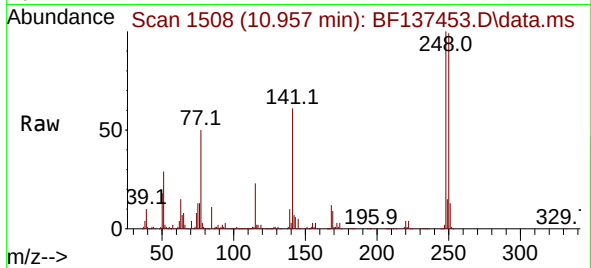




#67
4-Bromophenyl-phenylether
Concen: 44.102 ng
RT: 10.957 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

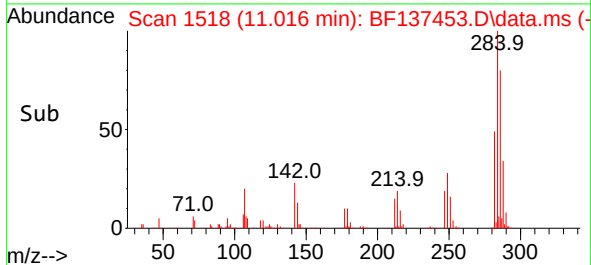
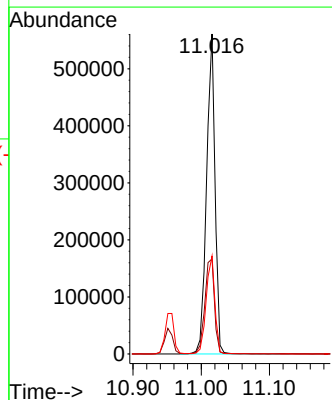
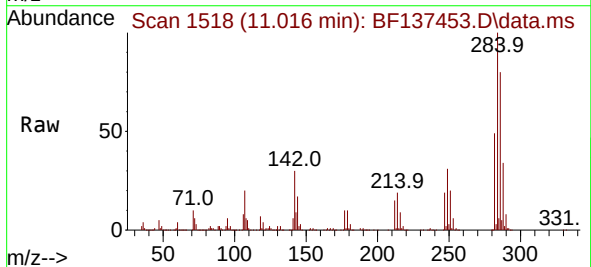
Instrument :
BNA_F
ClientSampleId :
PB159365BS

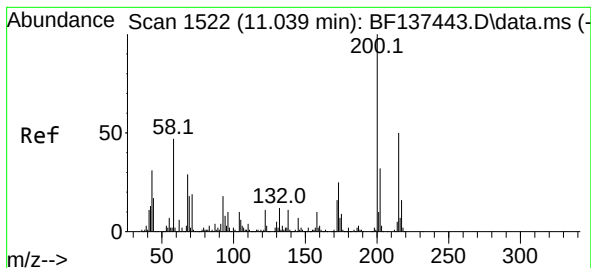
Tgt Ion:248 Resp: 449021
Ion Ratio Lower Upper
248 100
250 99.0 76.8 115.2
141 60.9 53.4 80.0



#68
Hexachlorobenzene
Concen: 47.232 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:284 Resp: 485711
Ion Ratio Lower Upper
284 100
142 29.7 29.4 44.0
249 30.6 25.0 37.4





#69

Atrazine

Concen: 42.747 ng

RT: 11.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

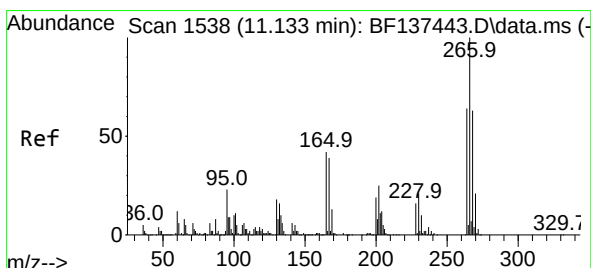
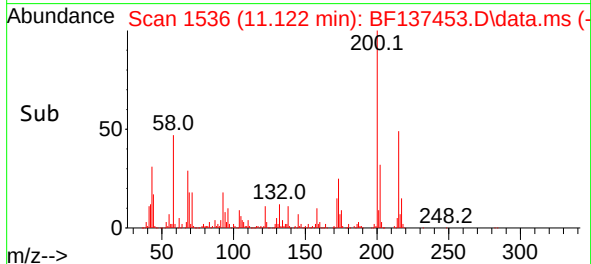
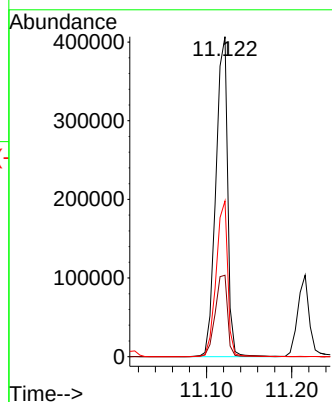
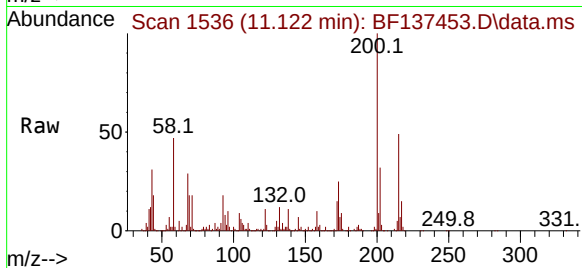
Tgt Ion:200 Resp: 391163

Ion Ratio Lower Upper

200 100

173 25.4 5.1 45.1

215 48.7 30.4 70.4



#70

Pentachlorophenol

Concen: 89.716 ng

RT: 11.216 min Scan# 1552

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

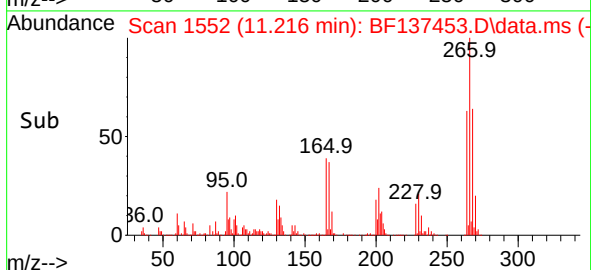
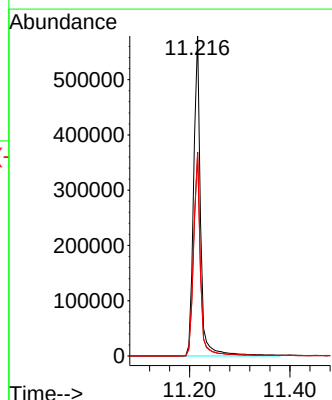
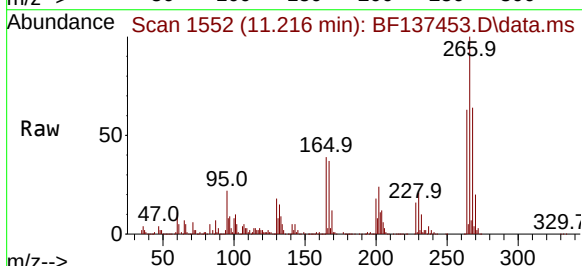
Tgt Ion:266 Resp: 557727

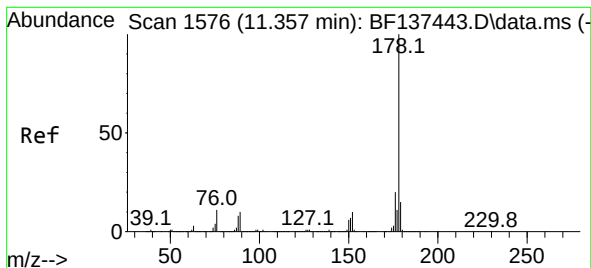
Ion Ratio Lower Upper

266 100

268 63.8 50.2 75.2

264 63.5 50.9 76.3





#71

Phenanthrene

Concen: 42.888 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

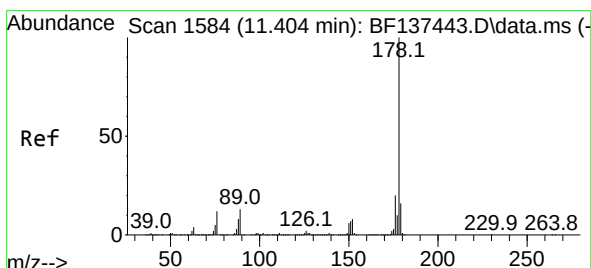
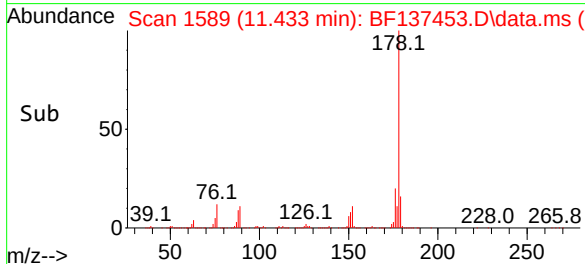
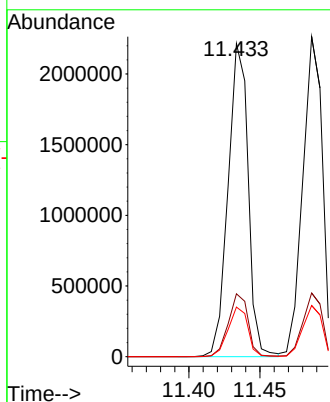
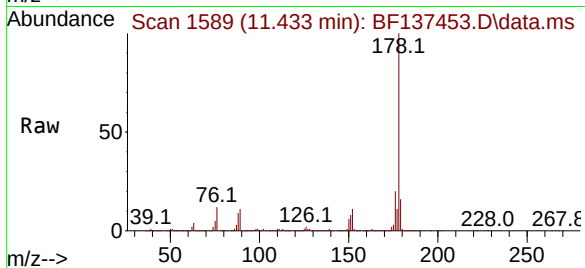
Tgt Ion:178 Resp: 2181858

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

179 15.9 12.2 18.2



#72

Anthracene

Concen: 42.662 ng

RT: 11.486 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

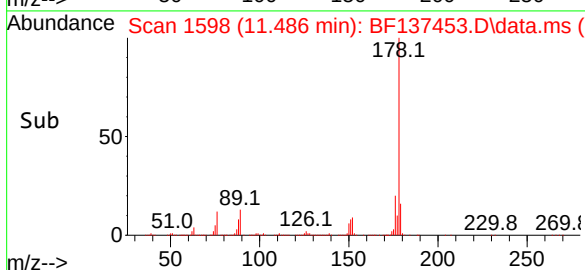
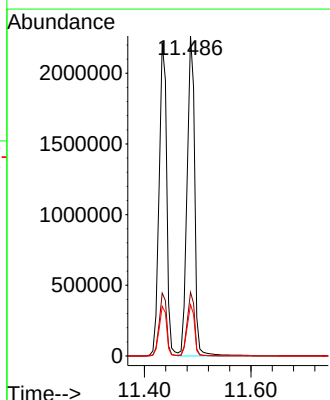
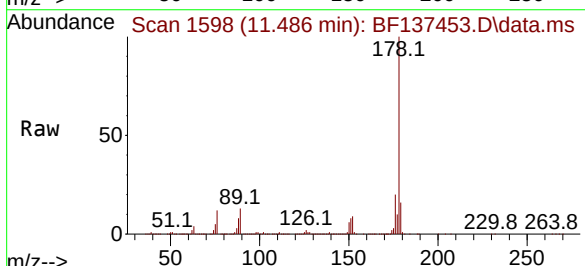
Tgt Ion:178 Resp: 2229087

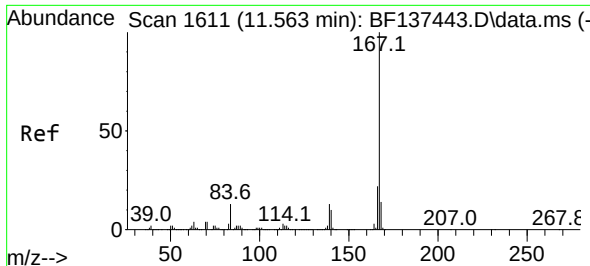
Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

179 16.0 12.7 19.1

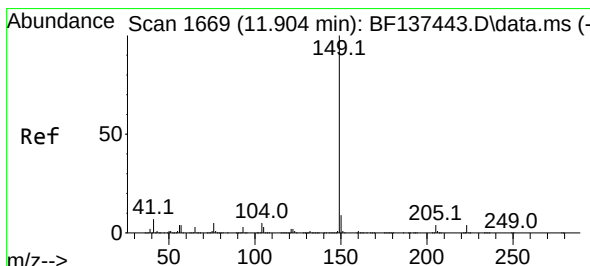
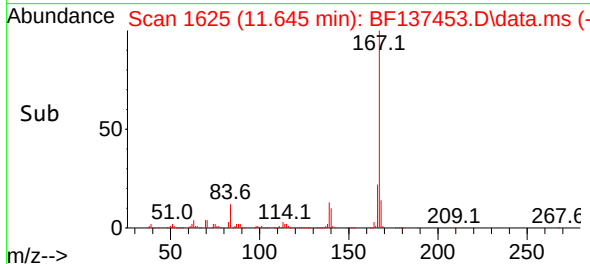
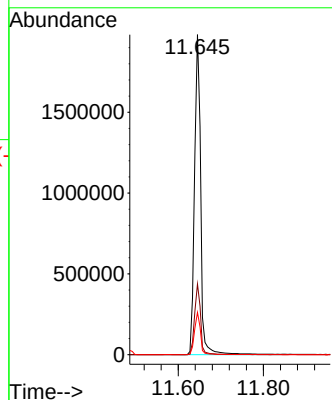
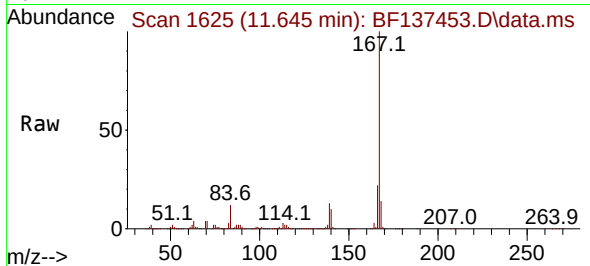




#73
 Carbazole
 Concen: 44.137 ng
 RT: 11.645 min Scan# 1625
 Delta R.T. 0.000 min
 Lab File: BF137453.D
 Acq: 01 Mar 2024 11:25

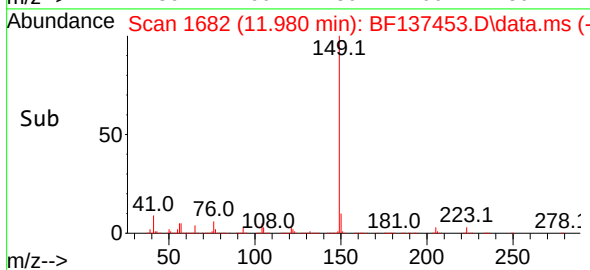
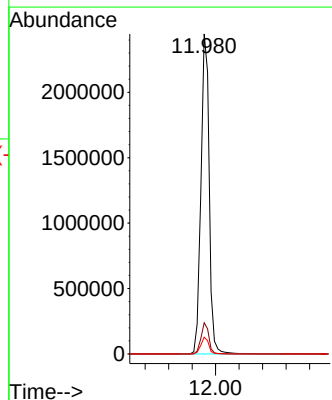
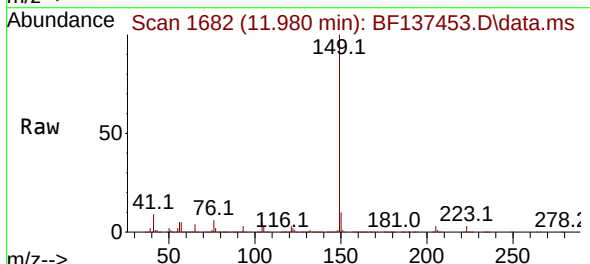
Instrument :
 BNA_F
 ClientSampleId :
 PB159365BS

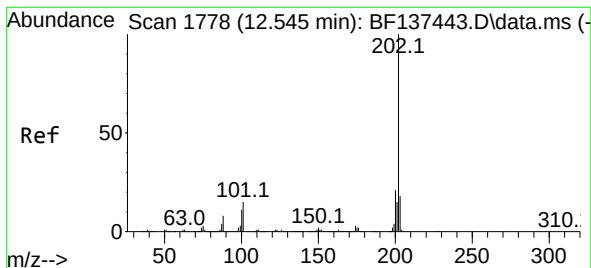
Tgt Ion:167 Resp: 1975365
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 13.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 44.661 ng
 RT: 11.980 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: BF137453.D
 Acq: 01 Mar 2024 11:25

Tgt Ion:149 Resp: 2378120
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.0
 104 5.3 3.8 5.6





#75

Fluoranthene

Concen: 43.154 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

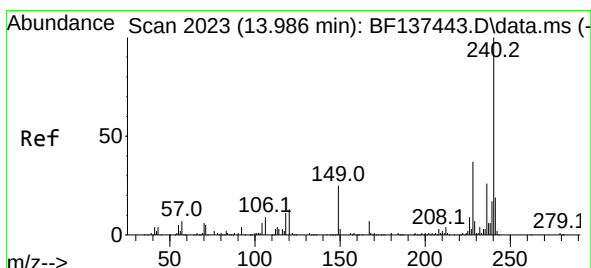
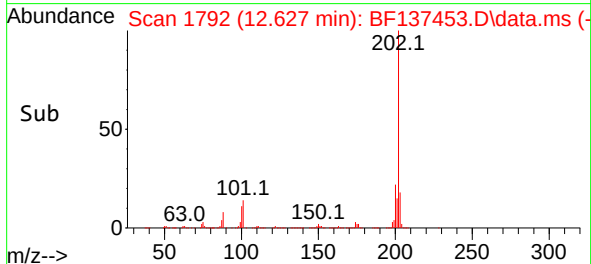
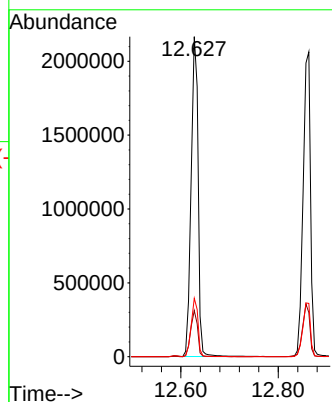
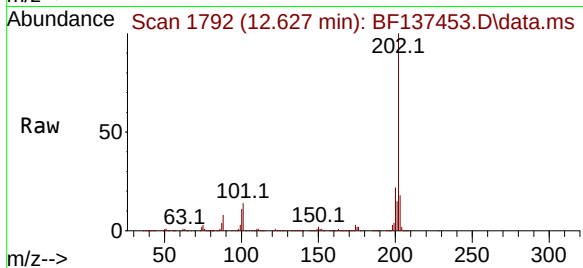
Tgt Ion:202 Resp: 2145942

Ion Ratio Lower Upper

202 100

101 14.4 0.0 35.0

203 18.3 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

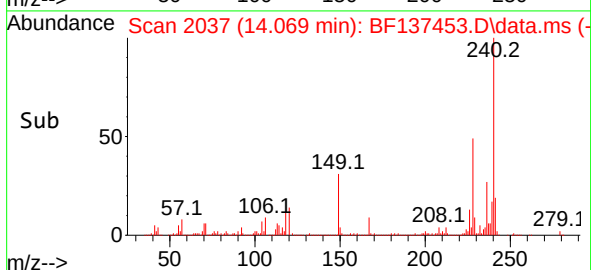
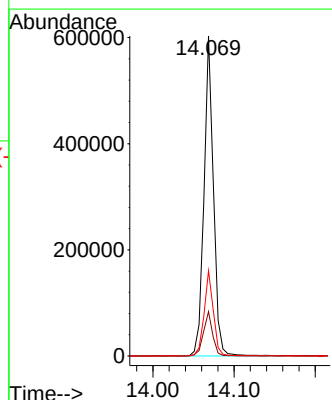
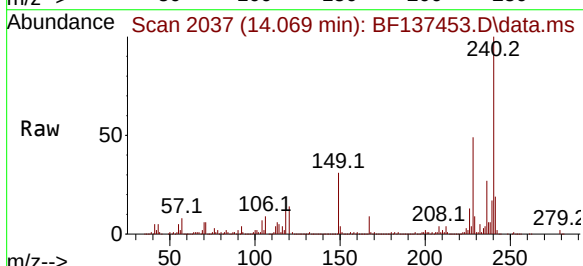
Tgt Ion:240 Resp: 488254

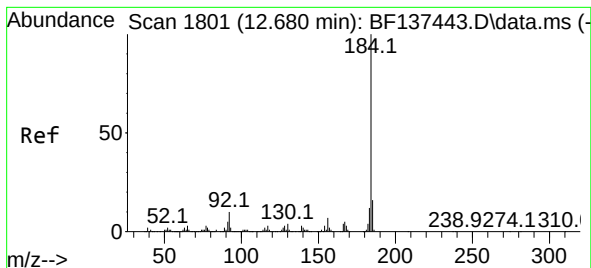
Ion Ratio Lower Upper

240 100

120 13.9 10.4 15.6

236 26.6 20.9 31.3





#77

Benzidine

Concen: 19.755 ng

RT: 12.763 min Scan# 1815

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

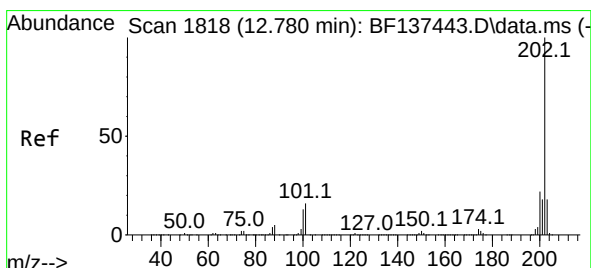
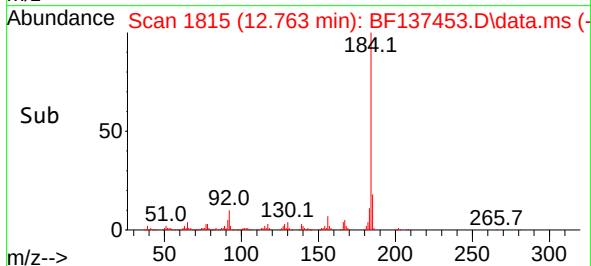
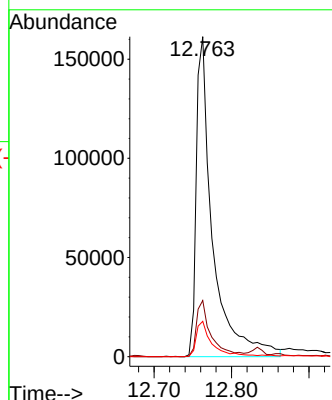
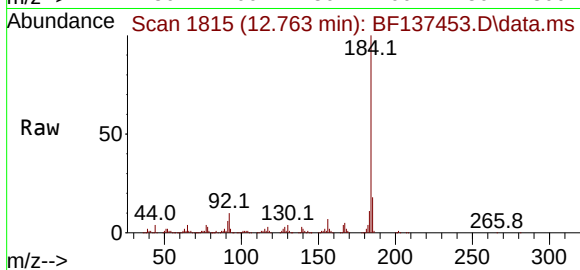
Tgt Ion:184 Resp: 236050

Ion Ratio Lower Upper

184 100

185 17.6 13.2 19.8

183 11.1 9.3 13.9



#78

Pyrene

Concen: 45.325 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

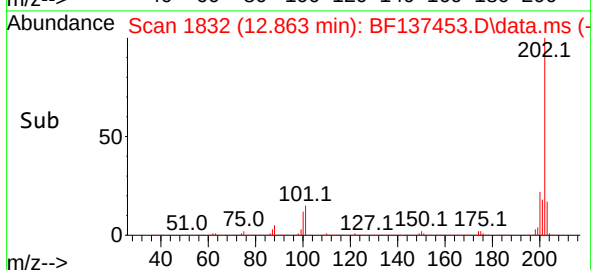
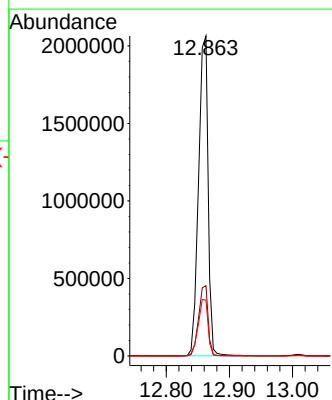
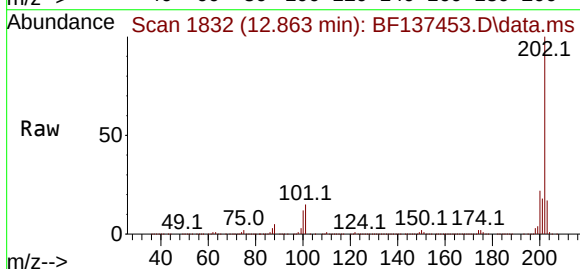
Tgt Ion:202 Resp: 2171455

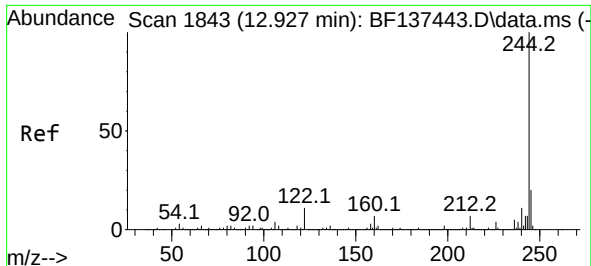
Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

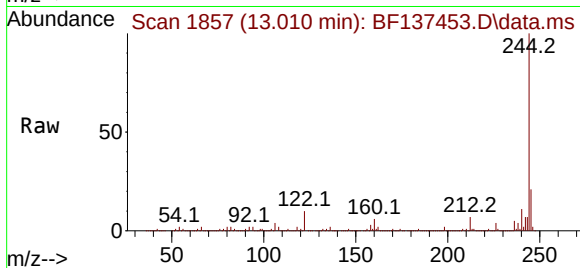
203 17.5 14.1 21.1



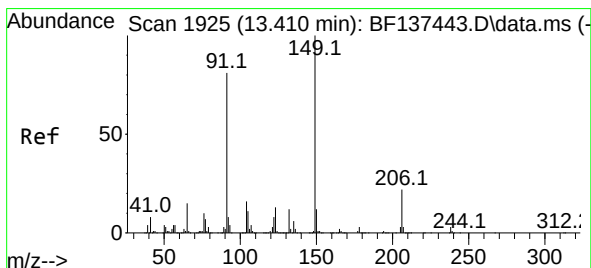
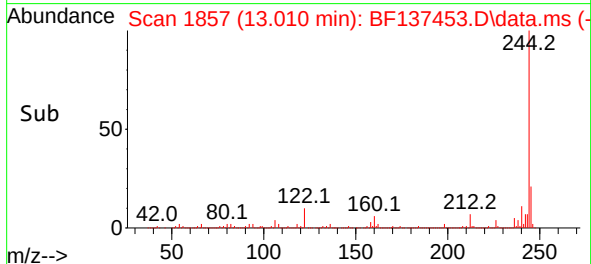
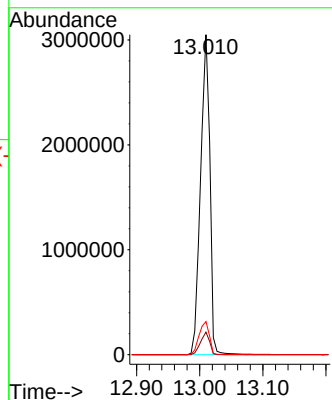


#79
 Terphenyl-d14
 Concen: 87.764 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: BF137453.D
 Acq: 01 Mar 2024 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB159365BS

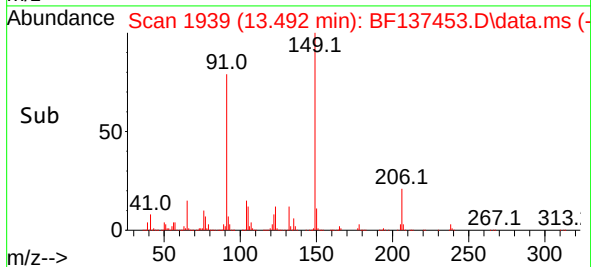
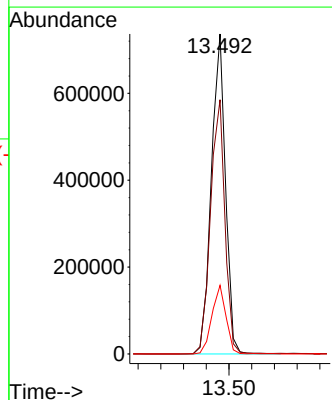
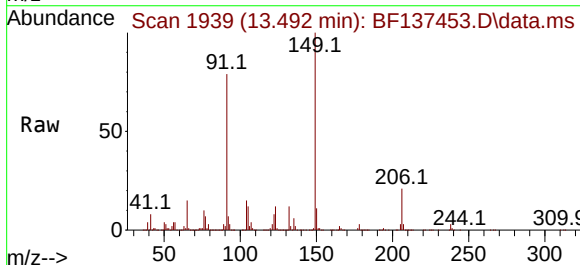


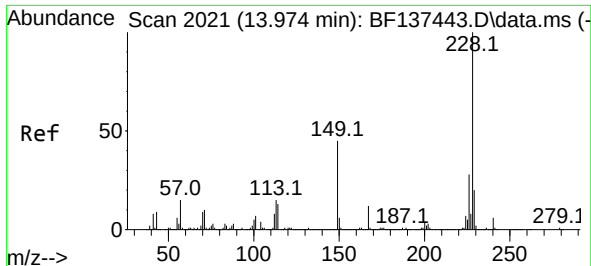
Tgt Ion:244 Resp: 3116188
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.3 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 51.778 ng
 RT: 13.492 min Scan# 1939
 Delta R.T. 0.000 min
 Lab File: BF137453.D
 Acq: 01 Mar 2024 11:25

Tgt Ion:149 Resp: 633516
 Ion Ratio Lower Upper
 149 100
 91 79.5 64.7 97.1
 206 21.4 17.5 26.3

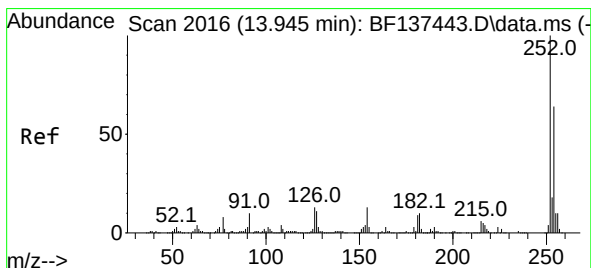
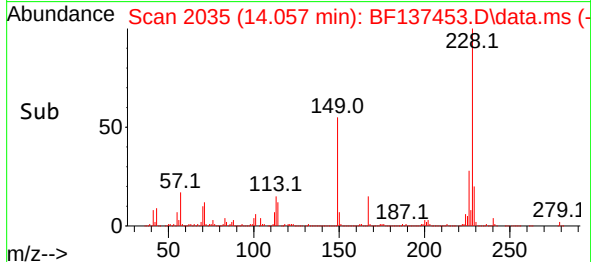
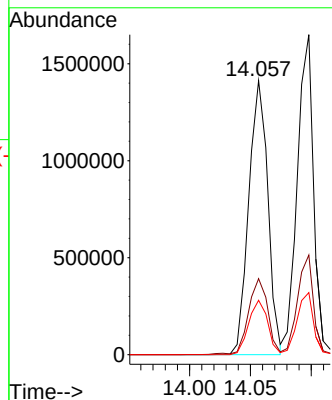
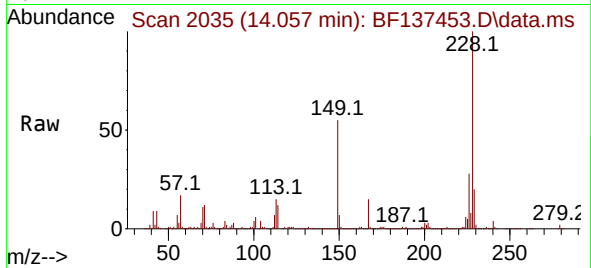




#81
Benzo(a)anthracene
Concen: 44.948 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

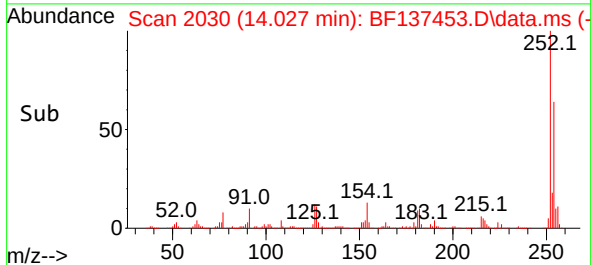
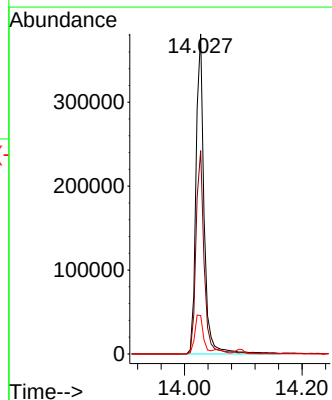
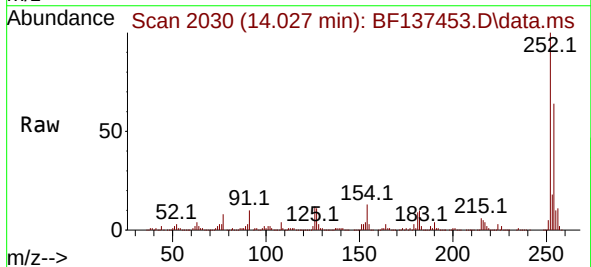
Instrument :
BNA_F
ClientSampleId :
PB159365BS

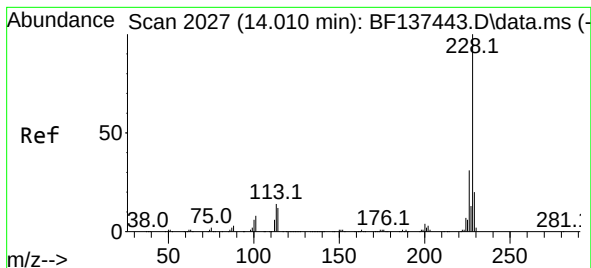
Tgt Ion:228 Resp: 1538184
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.9 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 40.218 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:252 Resp: 366509
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.2
126 12.0 10.4 15.6





#83

Chrysene

Concen: 45.195 ng

RT: 14.098 min Scan# 2042

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

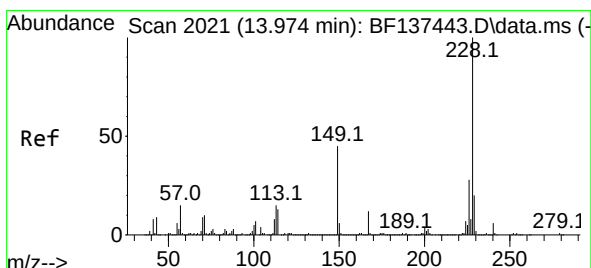
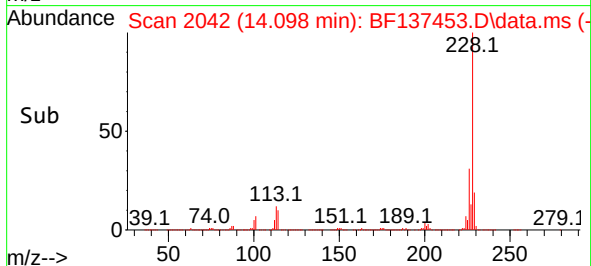
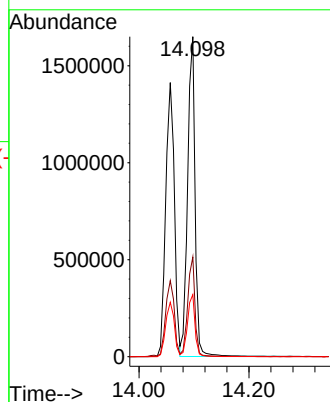
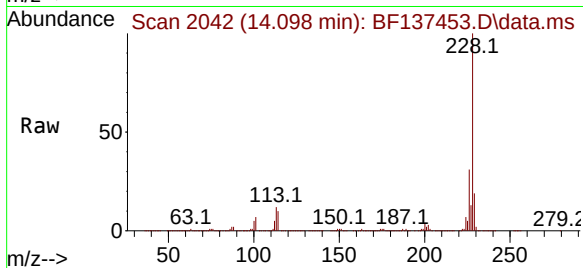
Tgt Ion:228 Resp: 1563159

Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

229 19.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.190 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

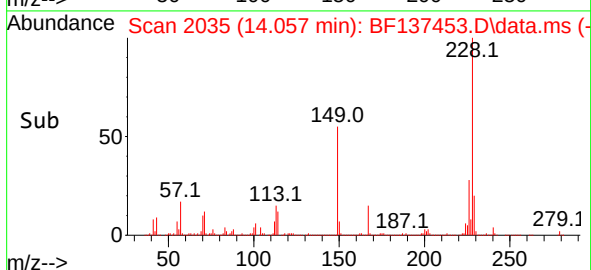
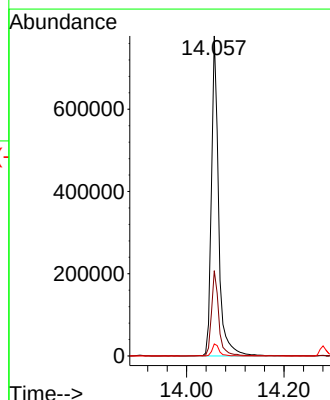
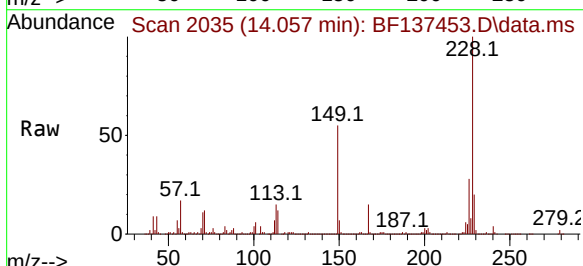
Tgt Ion:149 Resp: 796074

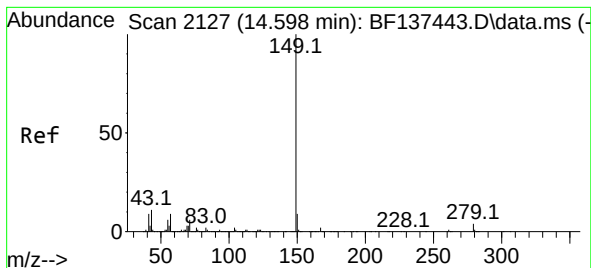
Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

279 3.7 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 45.945 ng

RT: 14.686 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

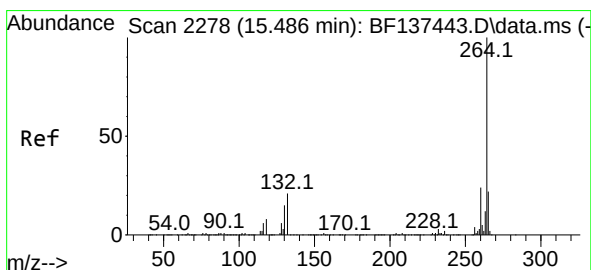
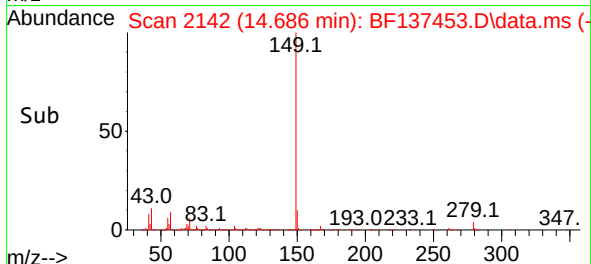
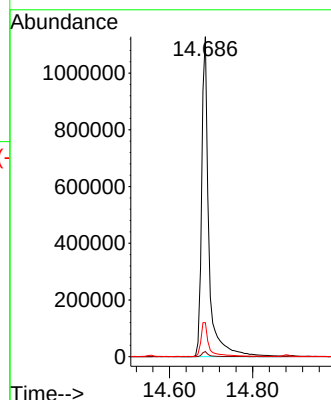
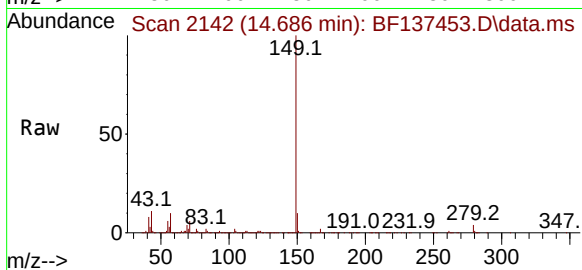
Tgt Ion:149 Resp: 1368887

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.8 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.604 min Scan# 2298

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

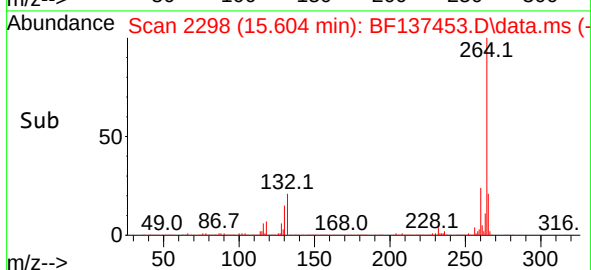
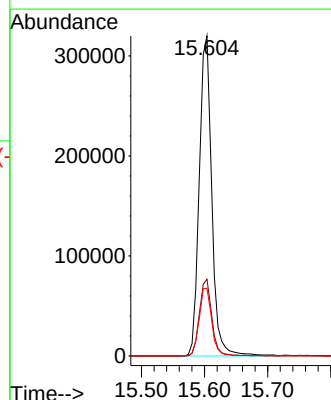
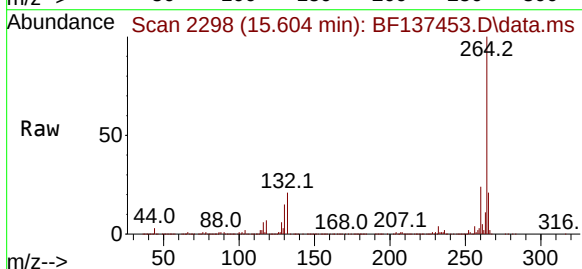
Tgt Ion:264 Resp: 440898

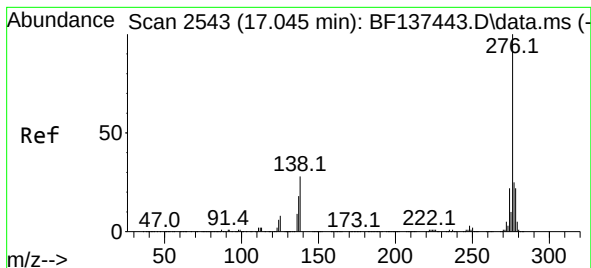
Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 21.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.285 ng

RT: 17.209 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

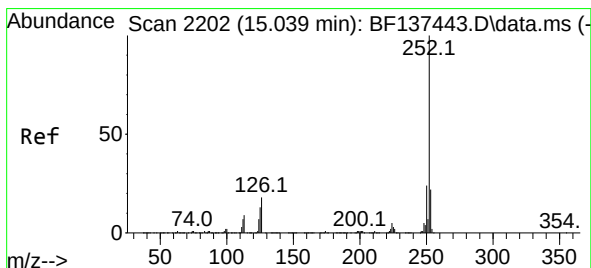
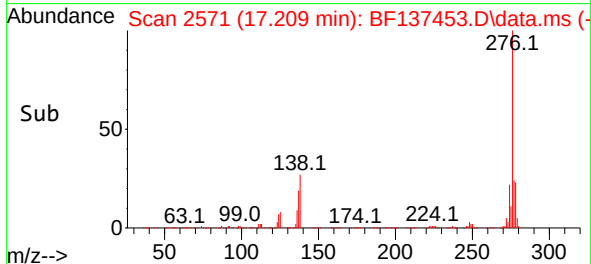
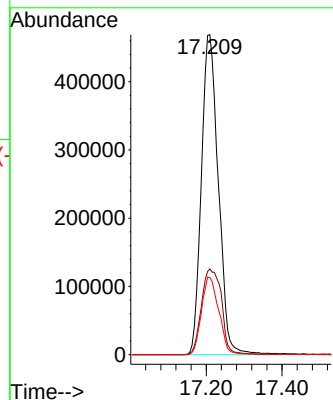
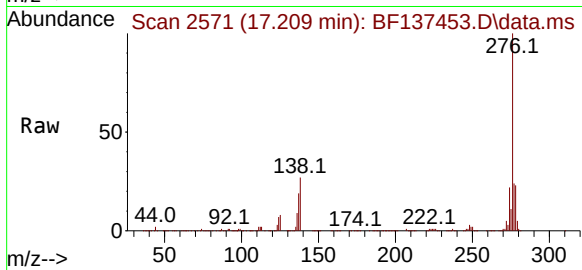
Tgt Ion:276 Resp: 1458972

Ion Ratio Lower Upper

276 100

138 31.6 25.8 38.8

277 24.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 53.122 ng

RT: 15.145 min Scan# 2220

Delta R.T. 0.000 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

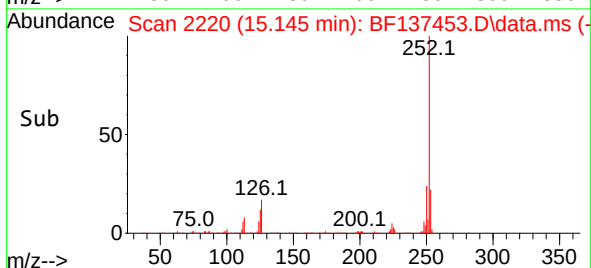
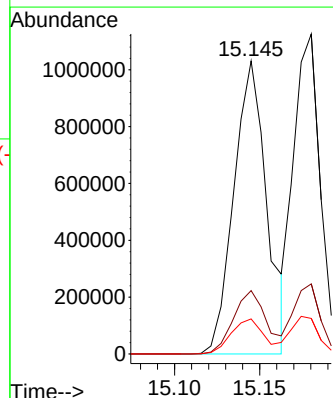
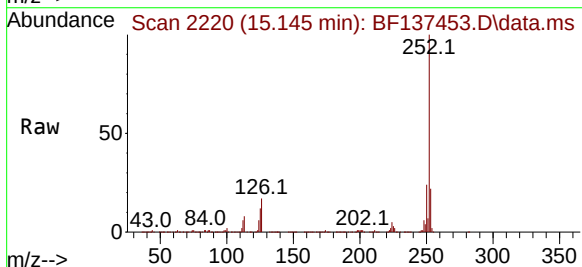
Tgt Ion:252 Resp: 1385468

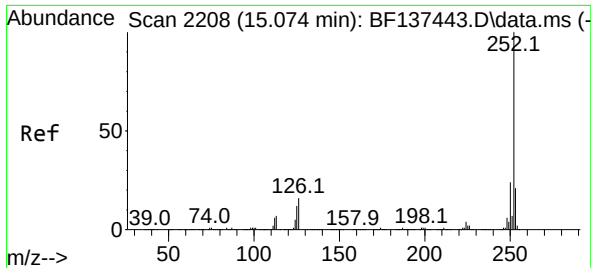
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 11.9 10.1 15.1

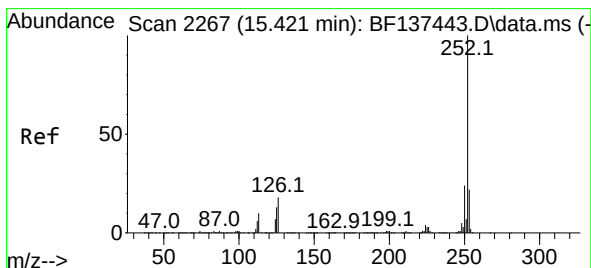
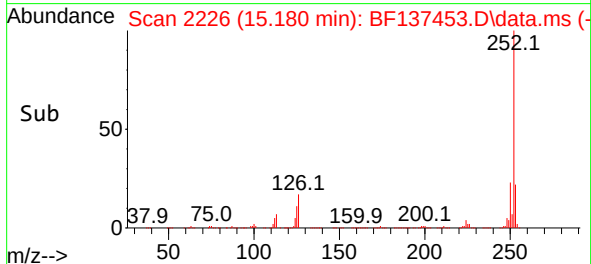
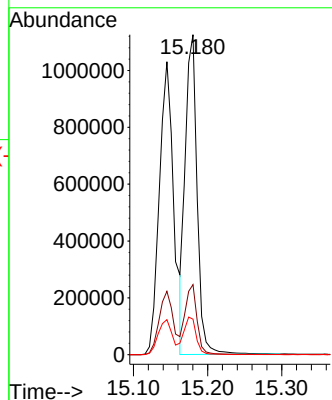
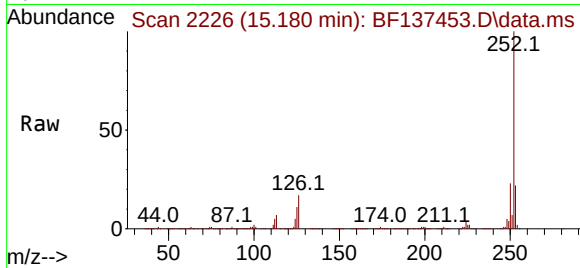




#89
Benzo(k)fluoranthene
Concen: 44.851 ng
RT: 15.180 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

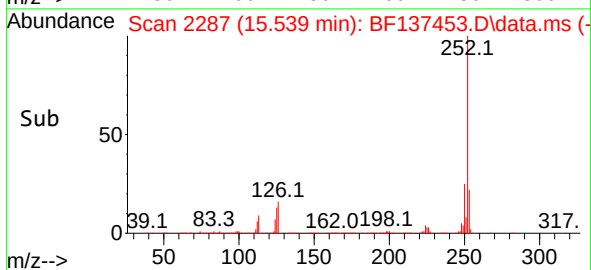
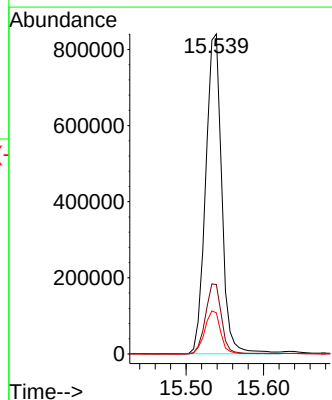
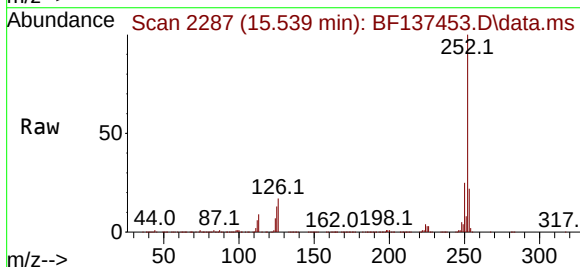
Instrument :
BNA_F
ClientSampleId :
PB159365BS

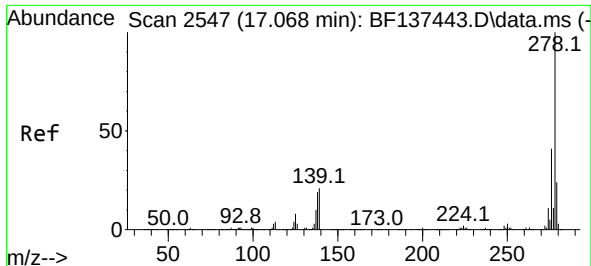
Tgt Ion:252 Resp: 1256416
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 11.1 9.6 14.4



#90
Benzo(a)pyrene
Concen: 47.101 ng
RT: 15.539 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:252 Resp: 1210557
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 12.9 10.4 15.6

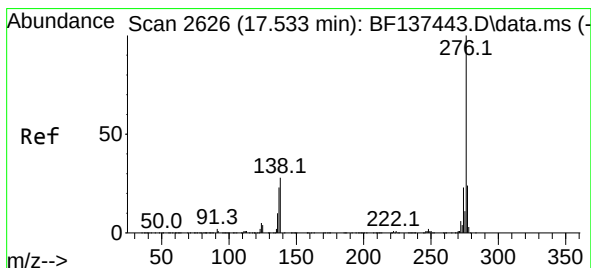
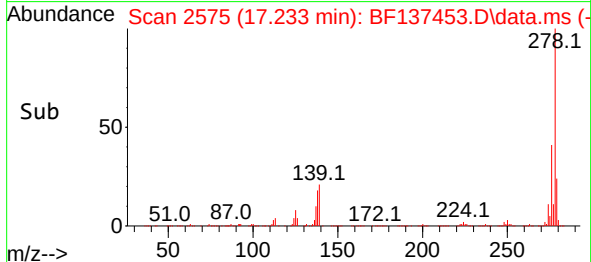
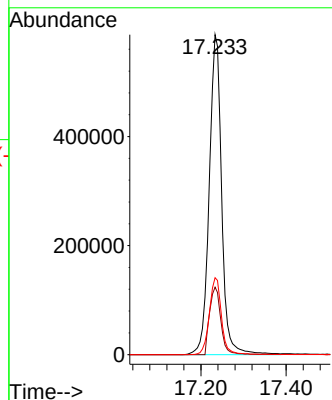
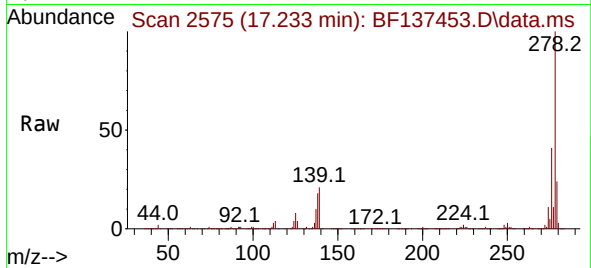




#91
Dibenzo(a,h)anthracene
Concen: 50.564 ng
RT: 17.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :
BNA_F
ClientSampleId :
PB159365BS

Tgt Ion:278 Resp: 1190098
Ion Ratio Lower Upper
278 100
139 21.1 17.0 25.6
279 24.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 48.483 ng
RT: 17.698 min Scan# 2654
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:276 Resp: 1171915
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 27.8 22.2 33.2

