

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137555.D
 Acq On : 11 Mar 2024 14:11
 Operator : CG\JU
 Sample : PB159519BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159519BS

Quant Time: Mar 12 02:02:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	234068	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	951754	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	519883	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	944705	20.000	ng	0.00
76) Chrysene-d12	14.098	240	501907	20.000	ng	0.00
86) Perylene-d12	15.651	264	458087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.586	112	1870506	121.031	ng	0.02
7) Phenol-d6	6.557	99	2568613	115.141	ng	0.00
23) Nitrobenzene-d5	7.469	82	1650413	80.572	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	655235	143.520	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2622657	78.968	ng	0.00
79) Terphenyl-d14	13.039	244	3044484	83.412	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.910	88	297997	35.264	ng	99
3) Pyridine	3.675	79	688910	33.803	ng	99
4) n-Nitrosodimethylamine	3.657	42	343909	42.160	ng	99
6) Aniline	6.581	93	611577	22.436	ng	97
8) 2-Chlorophenol	6.698	128	754094	46.261	ng	99
10) Phenol	6.569	94	1002610	41.756	ng	97
11) bis(2-Chloroethyl)ether	6.651	93	756837	43.013	ng	99
12) 1,3-Dichlorobenzene	6.845	146	772714	44.362	ng	98
13) 1,4-Dichlorobenzene	6.922	146	794306	44.569	ng	98
14) 1,2-Dichlorobenzene	7.069	146	751098	45.916	ng	98
15) Benzyl Alcohol	7.051	79	693639	49.944	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1235155	40.838	ng	93
17) 2-Methylphenol	7.163	107	636831	41.751	ng	98
18) Hexachloroethane	7.410	117	273532	46.612	ng	98
19) n-Nitroso-di-n-propyla...	7.322	70	556890	40.425	ng	99
20) 3+4-Methylphenols	7.316	107	714968	40.927	ng	92
22) Acetophenone	7.316	105	1009581	43.841	ng	97
24) Nitrobenzene	7.486	77	869097	42.237	ng	97
25) Isophorone	7.722	82	1670745	42.933	ng	99
26) 2-Nitrophenol	7.798	139	396293	48.510	ng	97
27) 2,4-Dimethylphenol	7.839	122	581440	38.091	ng	98
28) bis(2-Chloroethoxy)met...	7.933	93	993609	43.517	ng	99
29) 2,4-Dichlorophenol	8.039	162	635562	45.366	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	655839	44.485	ng	100
31) Naphthalene	8.198	128	2144026	41.986	ng	100
32) Benzoic acid	7.986	122	409461	46.766	ng	98
33) 4-Chloroaniline	8.251	127	282971	14.132	ng	100
34) Hexachlorobutadiene	8.310	225	383040	44.008	ng	100
35) Caprolactam	8.633	113	107264	22.580	ng	93
36) 4-Chloro-3-methylphenol	8.745	107	703276	44.910	ng	99
37) 2-Methylnaphthalene	8.892	142	1322474	40.624	ng	98
38) 1-Methylnaphthalene	8.992	142	1256206	40.976	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	650644	44.829	ng	99
41) Hexachlorocyclopentadiene	9.039	237	586185	97.013	ng	99
43) 2,4,6-Trichlorophenol	9.174	196	437593	46.299	ng	98
44) 2,4,5-Trichlorophenol	9.227	196	465963	42.797	ng	97

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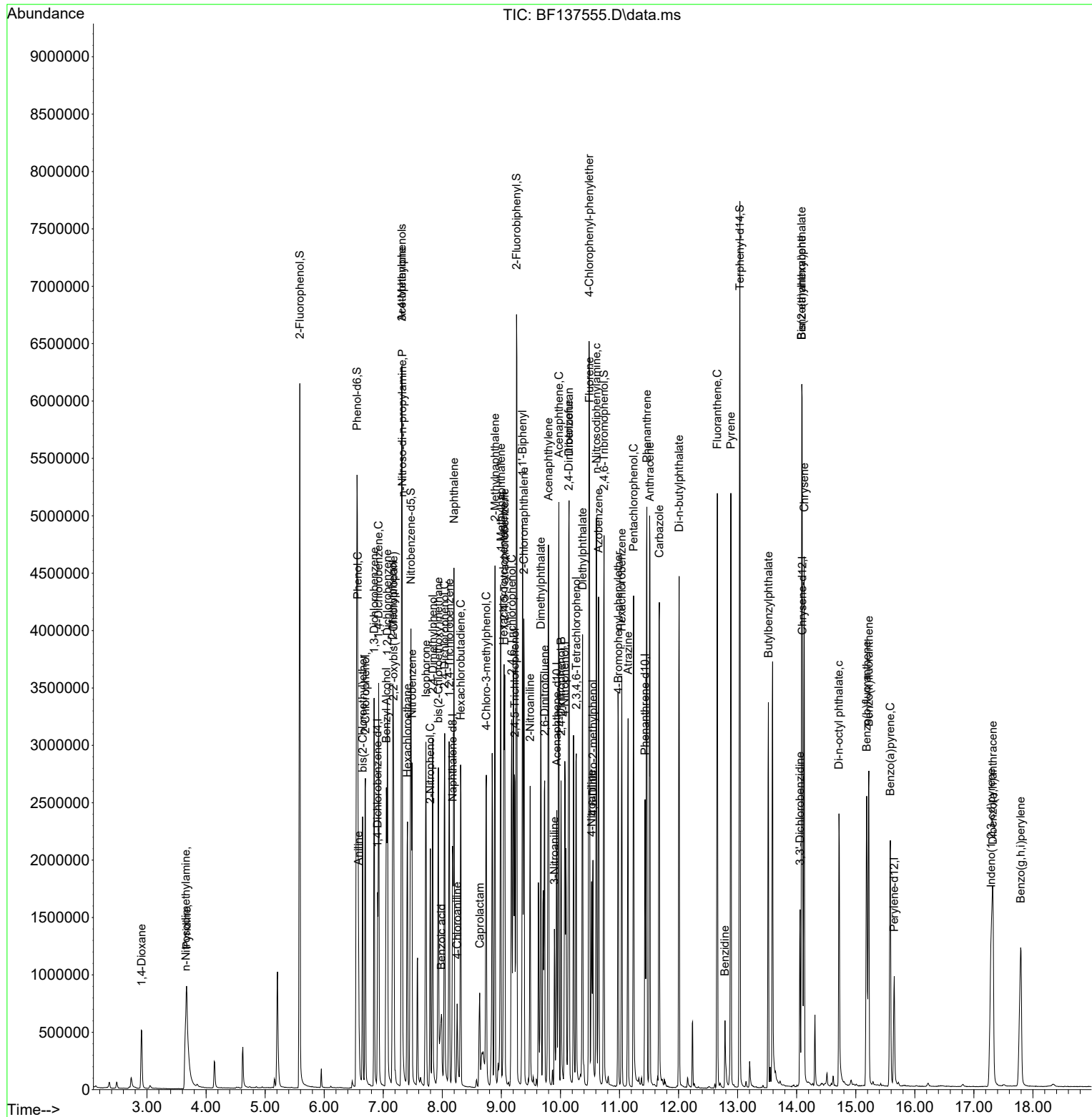
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.357	154	1655076	43.496	ng	99
47) 2-Chloronaphthalene	9.380	162	1307838	45.081	ng	98
48) 2-Nitroaniline	9.486	65	462014	46.855	ng	98
49) Acenaphthylene	9.798	152	2058831	44.346	ng	100
50) Dimethylphthalate	9.669	163	1598631	44.173	ng	99
51) 2,6-Dinitrotoluene	9.733	165	355778	47.002	ng	88
52) Acenaphthene	9.974	154	1163561	41.980	ng	99
53) 3-Nitroaniline	9.898	138	226528	28.293	ng	98
54) 2,4-Dinitrophenol	10.010	184	369146	97.931	ng	94
55) Dibenzofuran	10.145	168	1748012	41.407	ng	99
56) 4-Nitrophenol	10.074	139	528720	92.093	ng	96
57) 2,4-Dinitrotoluene	10.139	165	427026	45.918	ng	91
58) Fluorene	10.492	166	1322805	40.801	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	407072	46.624	ng	94
60) Diethylphthalate	10.374	149	1494552	43.732	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	651398	40.996	ng	93
62) 4-Nitroaniline	10.527	138	329986	47.953	ng	95
63) Azobenzene	10.645	77	1678985	42.665	ng	98
65) 4,6-Dinitro-2-methylph...	10.551	198	259249	49.237	ng	86
66) n-Nitrosodiphenylamine	10.610	169	1243572	40.879	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	441545	42.912	ng	97
68) Hexachlorobenzene	11.039	284	487480	46.907	ng	94
69) Atrazine	11.145	200	377263	40.795	ng	98
70) Pentachlorophenol	11.239	266	532247	84.719	ng	100
71) Phenanthrene	11.463	178	2094372	40.736	ng	99
72) Anthracene	11.516	178	2155520	40.821	ng	99
73) Carbazole	11.674	167	1923255	42.522	ng	99
74) Di-n-butylphthalate	12.010	149	2317968	43.074	ng	99
75) Fluoranthene	12.657	202	2109273	41.972	ng	98
77) Benzidine	12.786	184	285620	23.254	ng	97
78) Pyrene	12.886	202	2150265	43.662	ng	99
80) Butylbenzylphthalate	13.521	149	733166	58.293	ng	97
81) Benzo(a)anthracene	14.086	228	1586777	45.107	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	345676	36.900	ng	99
83) Chrysene	14.127	228	1540223	43.320	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	858703	53.715	ng	99
85) Di-n-octyl phthalate	14.715	149	1466282	47.639	ng	97
87) Indeno(1,2,3-cd)pyrene	17.292	276	1431063	47.472	ng	99
88) Benzo(b)fluoranthene	15.186	252	1374107	50.709	ng	99
89) Benzo(k)fluoranthene	15.221	252	1225757	42.114	ng	99
90) Benzo(a)pyrene	15.586	252	1195251	44.760	ng	99
91) Dibenzo(a,h)anthracene	17.321	278	1158223	47.363	ng	98
92) Benzo(g,h,i)perylene	17.792	276	1156228	46.039	ng	99

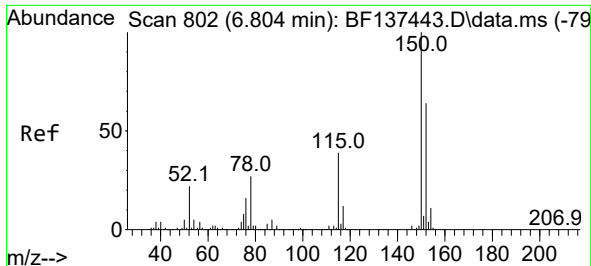
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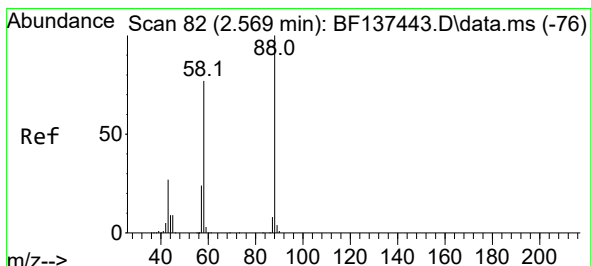
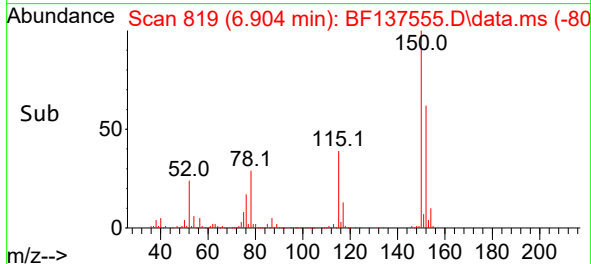
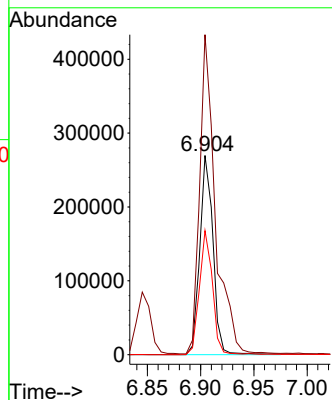
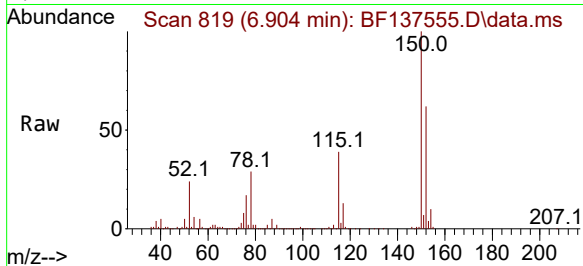




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF137555.D
 Acq: 11 Mar 2024 14:11

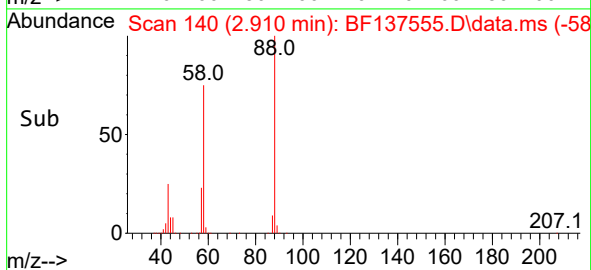
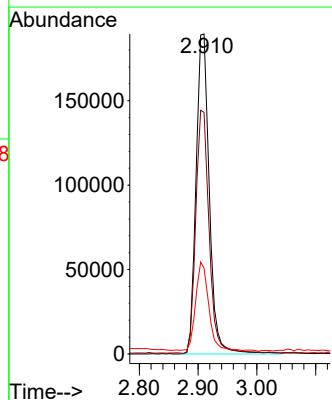
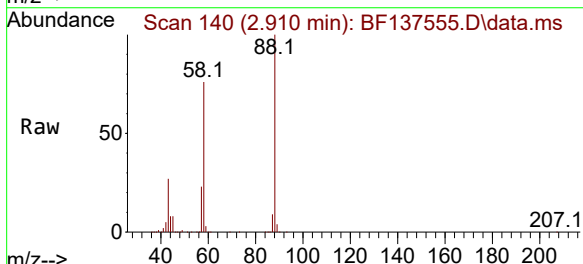
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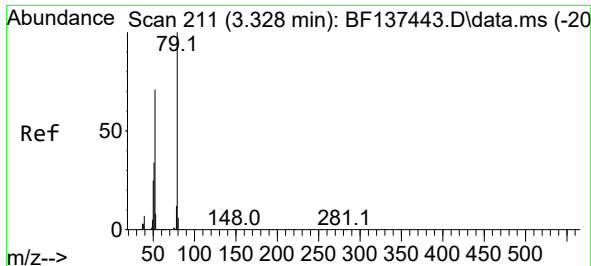
Tgt Ion:152 Resp: 234068
 Ion Ratio Lower Upper
 152 100
 150 160.6 125.8 188.6
 115 62.2 48.8 73.2



#2
 1,4-Dioxane
 Concen: 35.264 ng
 RT: 2.910 min Scan# 140
 Delta R.T. 0.135 min
 Lab File: BF137555.D
 Acq: 11 Mar 2024 14:11

Tgt Ion: 88 Resp: 297997
 Ion Ratio Lower Upper
 88 100
 58 76.5 61.8 92.8
 43 27.0 22.2 33.4

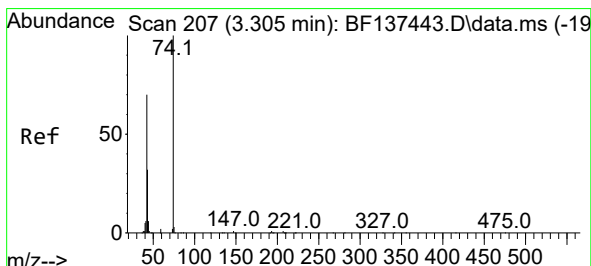
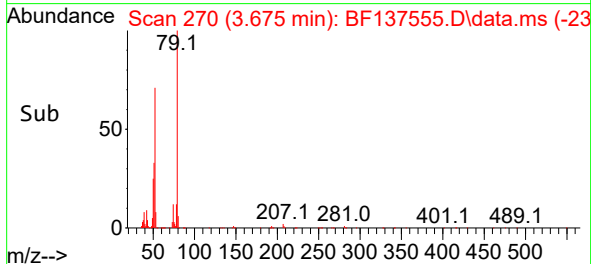
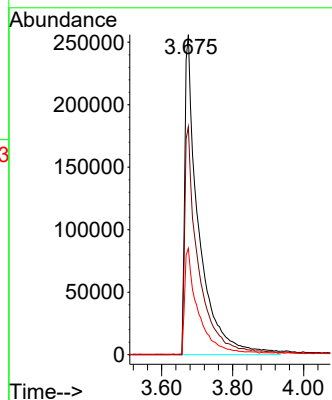
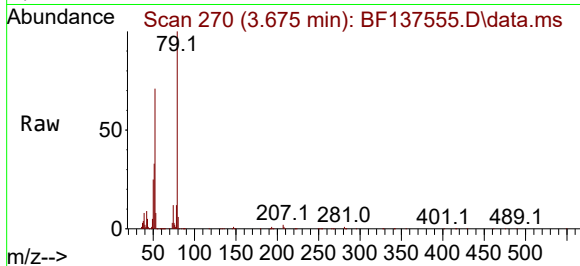




#3
Pyridine
Concen: 33.803 ng
RT: 3.675 min Scan# 211
Delta R.T. 0.100 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

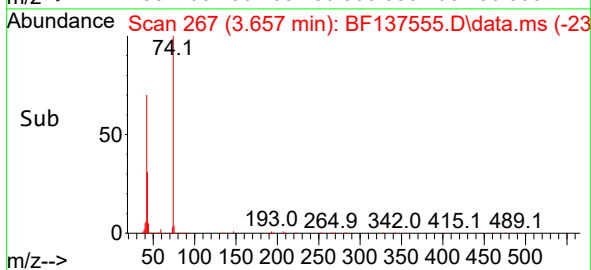
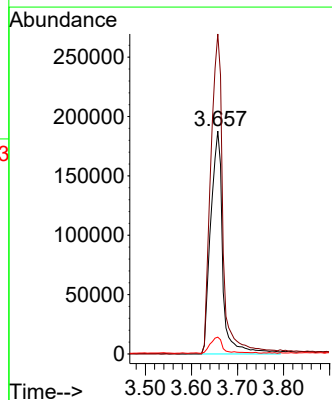
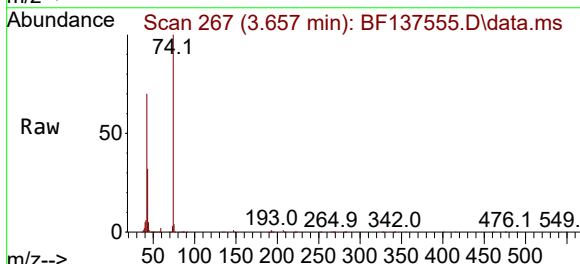
Instrument :
BNA_F
ClientSampleId :
PB159519BS

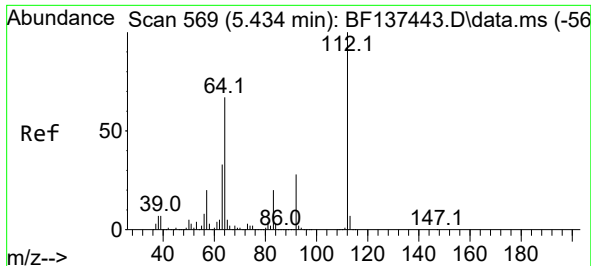
Tgt Ion: 79 Resp: 688910
Ion Ratio Lower Upper
79 100
52 71.2 57.0 85.4
51 33.2 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 42.160 ng
RT: 3.657 min Scan# 267
Delta R.T. 0.088 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 42 Resp: 343909
Ion Ratio Lower Upper
42 100
74 143.6 114.0 171.0
44 7.5 7.0 10.4

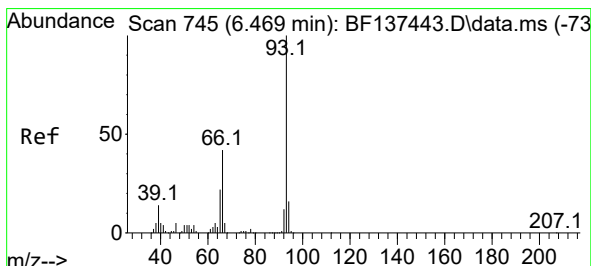
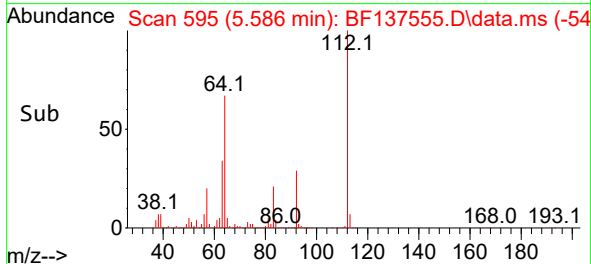
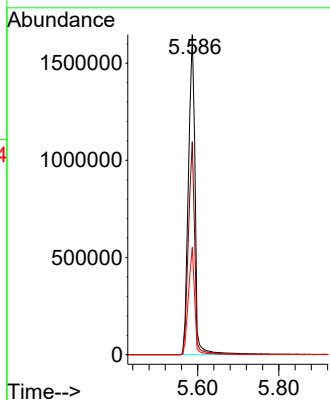
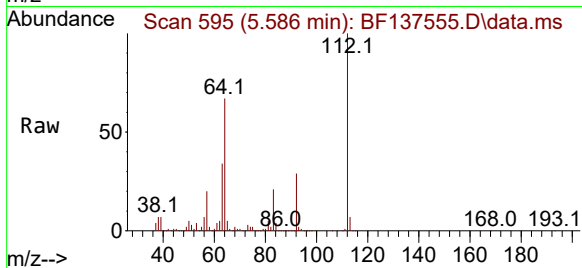




#5
2-Fluorophenol
Concen: 121.031 ng
RT: 5.586 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

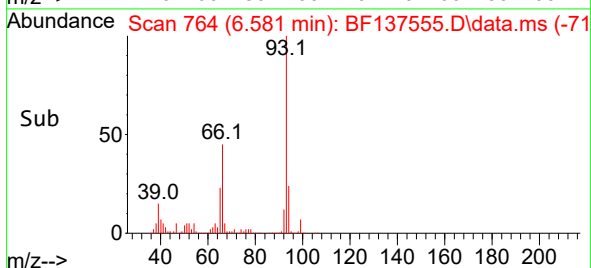
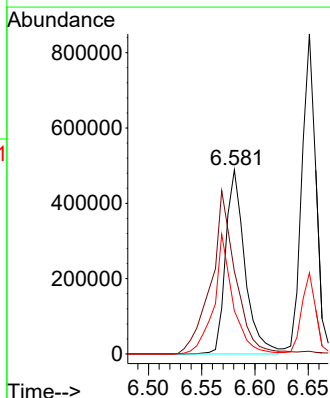
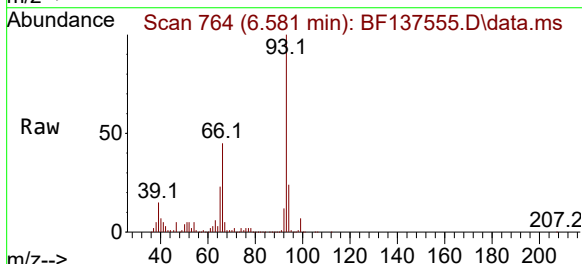
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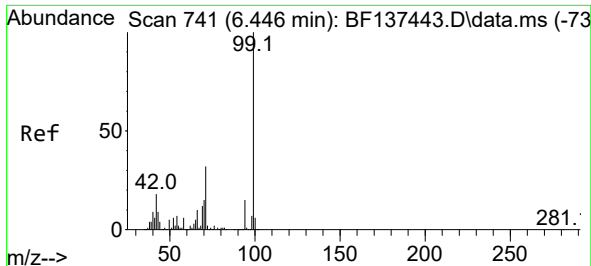
Tgt Ion:112 Resp: 1870506
Ion Ratio Lower Upper
112 100
64 66.5 53.4 80.2
63 33.6 26.2 39.2



#6
Aniline
Concen: 22.436 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 93 Resp: 611577
Ion Ratio Lower Upper
93 100
66 44.8 34.0 51.0
65 23.4 17.8 26.8





#7

Phenol-d6

Concen: 115.141 ng

RT: 6.557 min Scan# 70

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

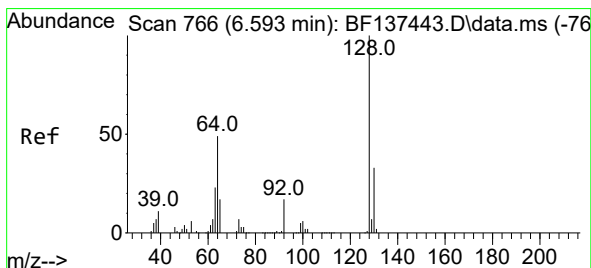
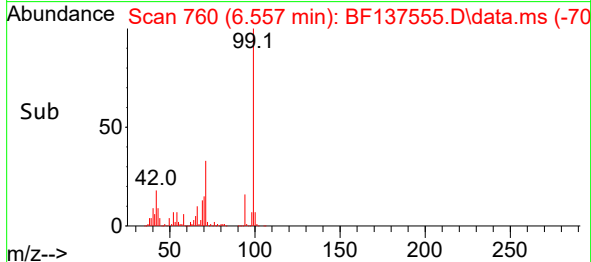
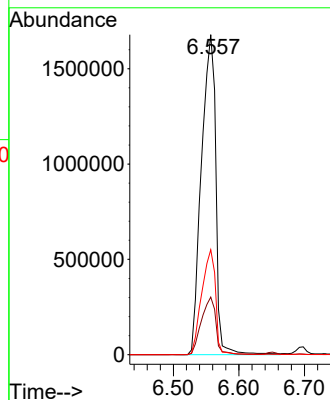
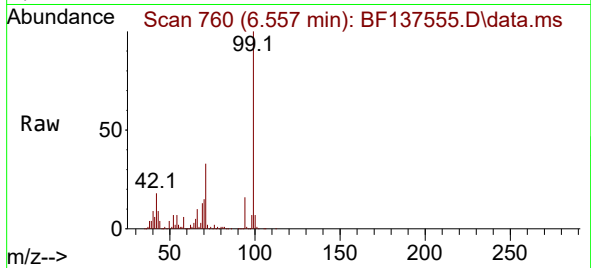
BNA_F

ClientSampleId :

PB159519BS

Tgt Ion: 99 Resp: 2568613

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.6	21.8
71	32.8	25.3	37.9



#8

2-Chlorophenol

Concen: 46.261 ng

RT: 6.698 min Scan# 784

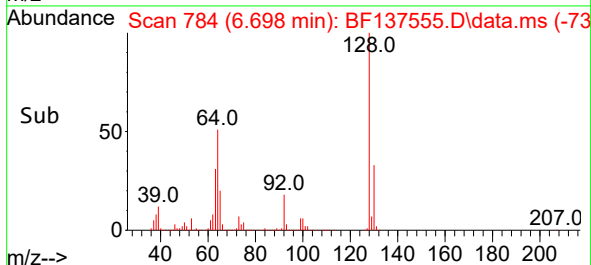
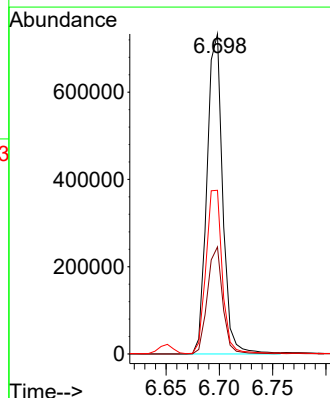
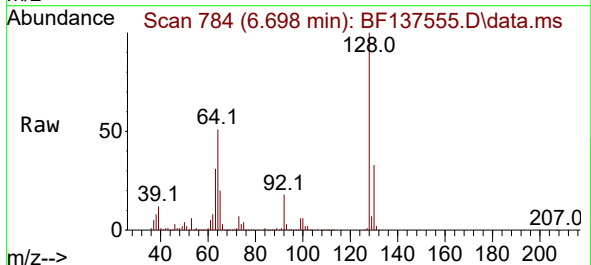
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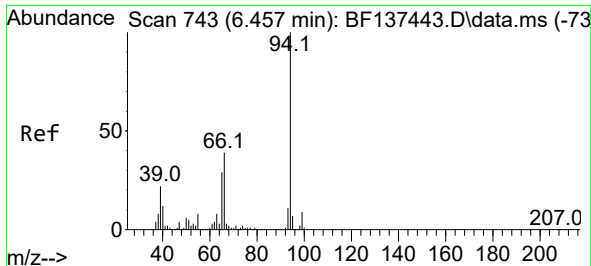
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Tgt Ion:128 Resp: 754094

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.4	53.4
64	51.1	30.0	70.0

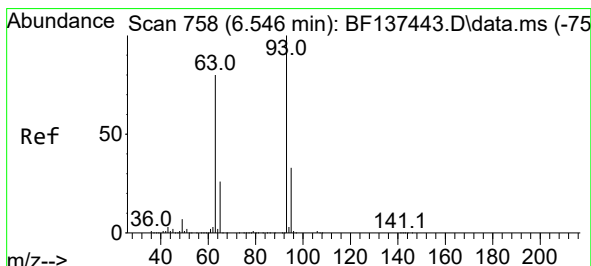
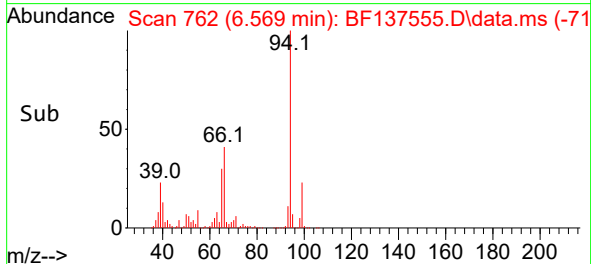
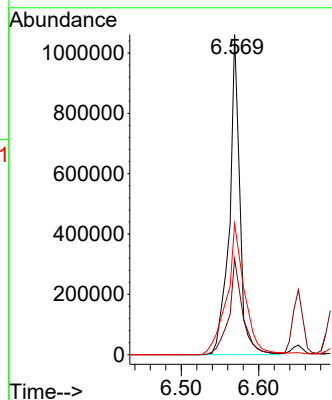
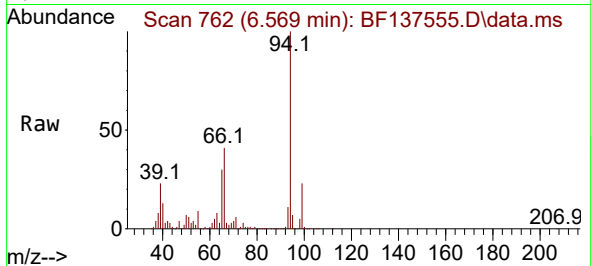




#10
Phenol
Concen: 41.756 ng
RT: 6.569 min Scan# 710
Delta R.T. -0.000 min
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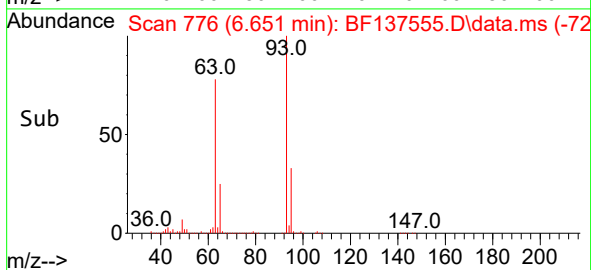
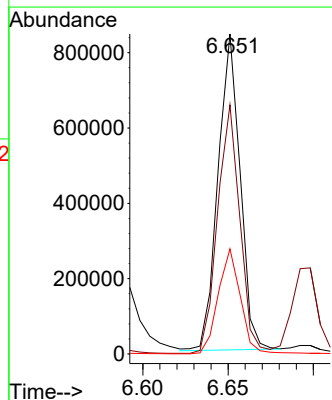
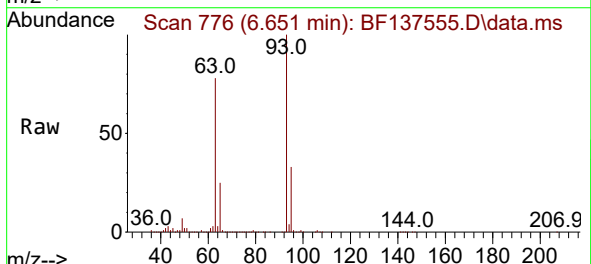
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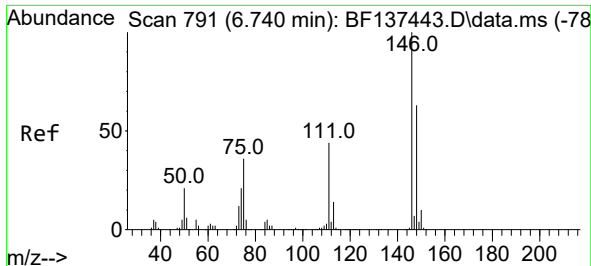
Tgt Ion: 94 Resp: 1002610
Ion Ratio Lower Upper
94 100
65 30.0 8.7 48.7
66 40.9 18.6 58.6



#11
bis(2-Chloroethyl)ether
Concen: 43.013 ng
RT: 6.651 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 93 Resp: 756837
Ion Ratio Lower Upper
93 100
63 77.8 58.9 98.9
95 32.9 12.2 52.2





#12

1,3-Dichlorobenzene

Concen: 44.362 ng

RT: 6.845 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

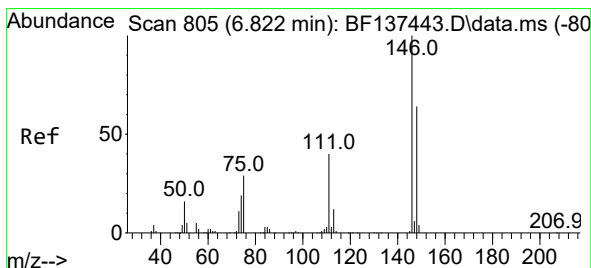
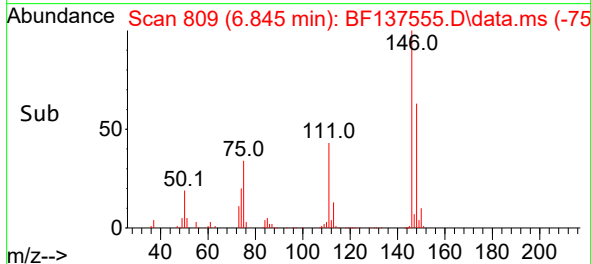
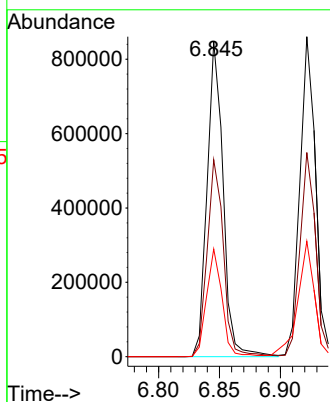
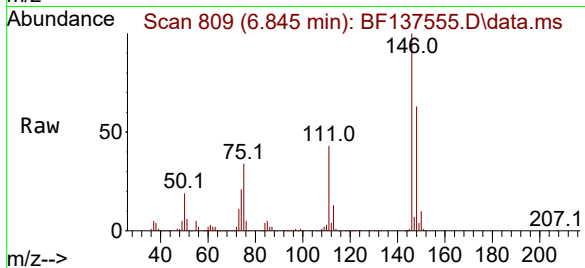
Tgt Ion:146 Resp: 772714

Ion Ratio Lower Upper

146 100

148 62.5 50.3 75.5

75 34.1 29.0 43.4



#13

1,4-Dichlorobenzene

Concen: 44.569 ng

RT: 6.922 min Scan# 822

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

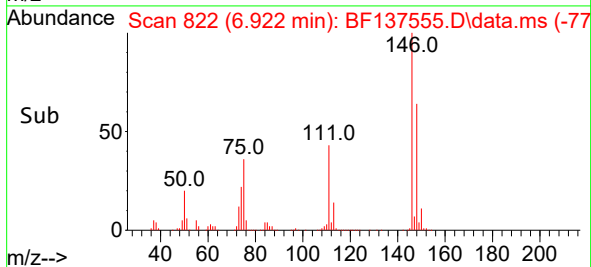
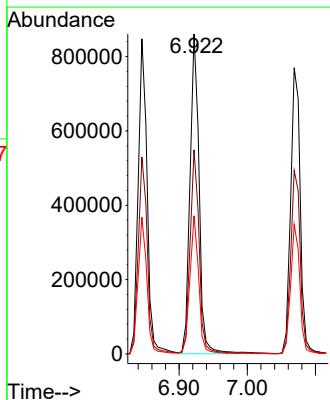
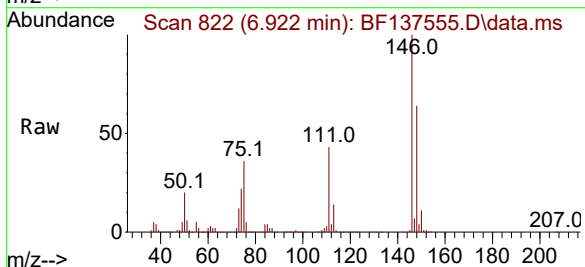
Tgt Ion:146 Resp: 794306

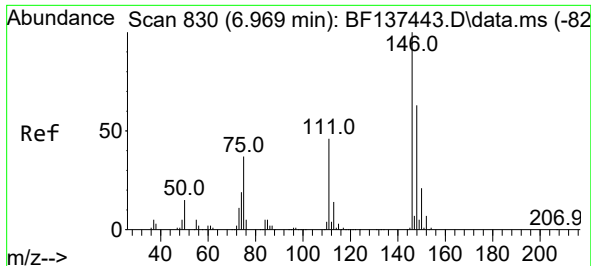
Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

111 43.2 32.4 48.6

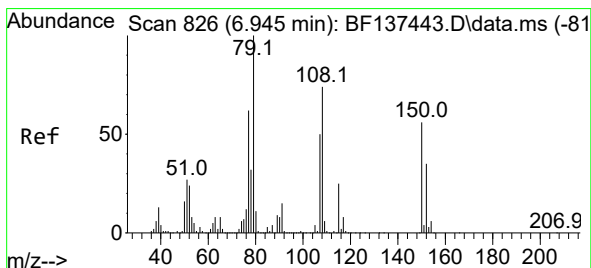
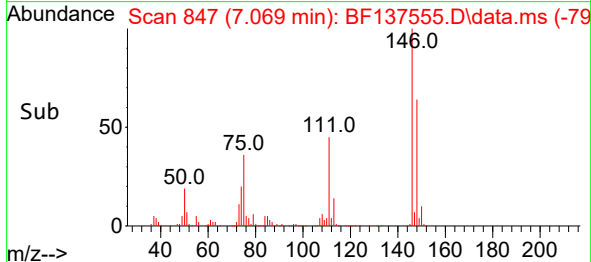
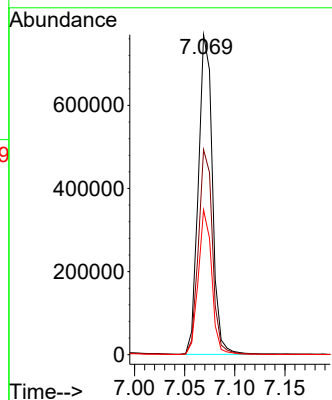
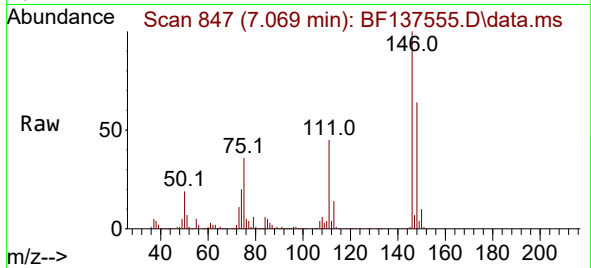




#14
1,2-Dichlorobenzene
Concen: 45.916 ng
RT: 7.069 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

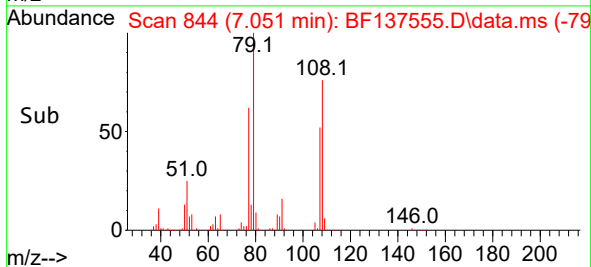
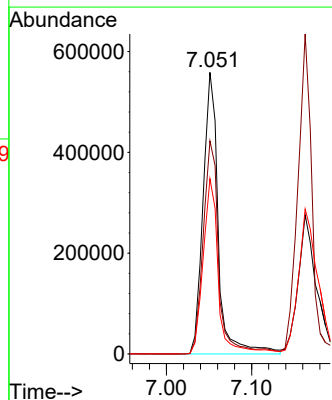
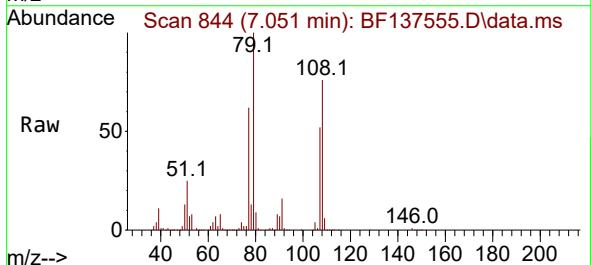
Instrument :
BNA_F
ClientSampleId :
PB159519BS

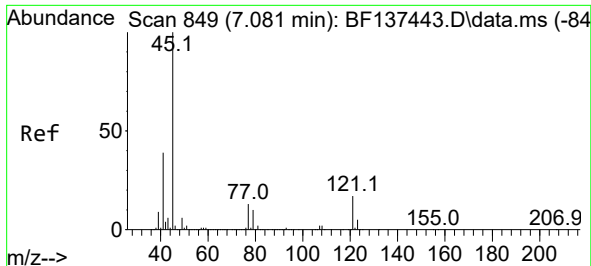
Tgt Ion:146 Resp: 751098
Ion Ratio Lower Upper
146 100
148 64.1 50.0 75.0
111 45.3 36.8 55.2



#15
Benzyl Alcohol
Concen: 49.944 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 79 Resp: 693639
Ion Ratio Lower Upper
79 100
108 75.6 59.5 89.3
77 62.2 50.0 75.0

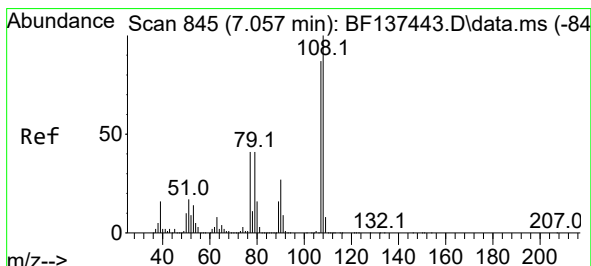
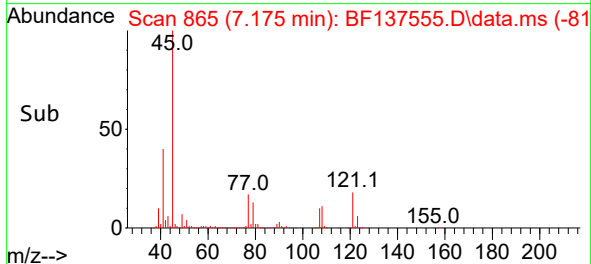
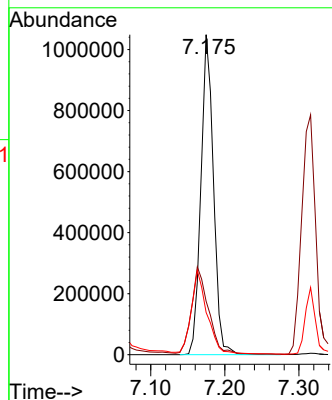
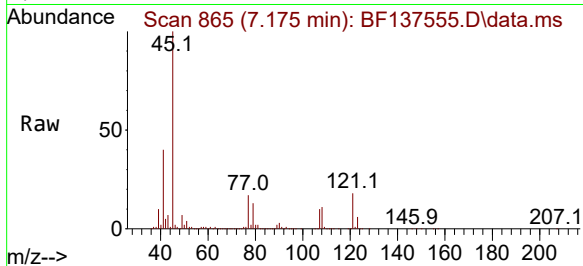




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.838 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

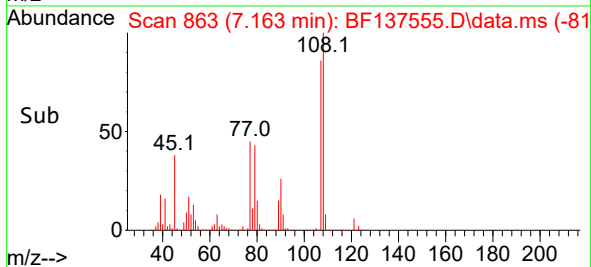
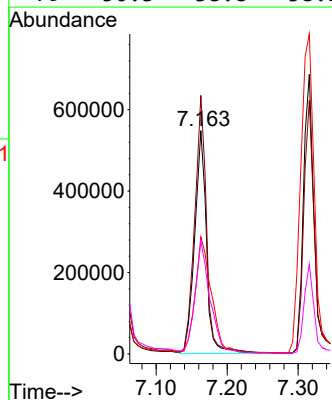
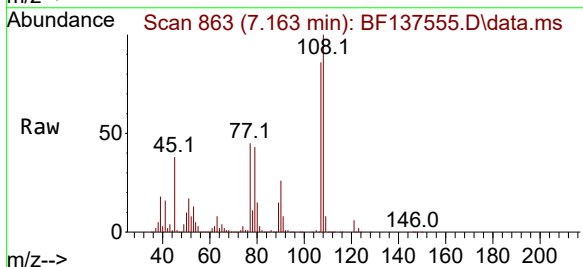
Instrument :
BNA_F
ClientSampleId :
PB159519BS

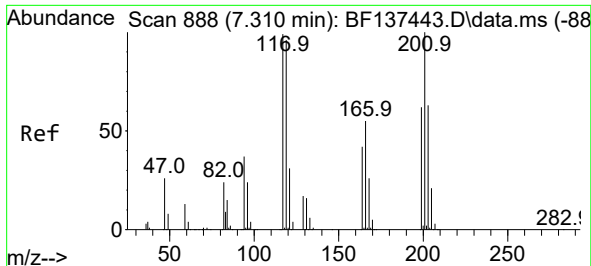
Tgt Ion: 45 Resp: 1235155
Ion Ratio Lower Upper
45 100
77 16.7 0.0 33.4
79 13.2 0.0 30.9



#17
2-Methylphenol
Concen: 41.751 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:107 Resp: 636831
Ion Ratio Lower Upper
107 100
108 115.8 92.2 138.4
77 52.5 38.6 57.8
79 50.3 38.8 58.2

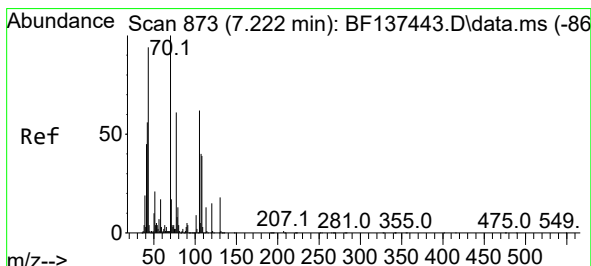
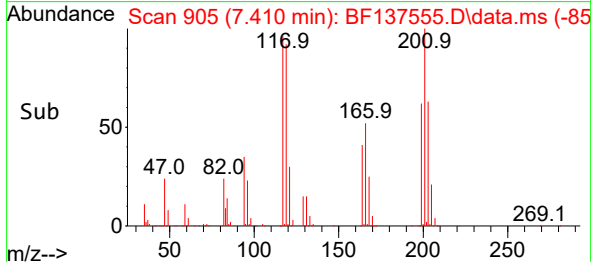
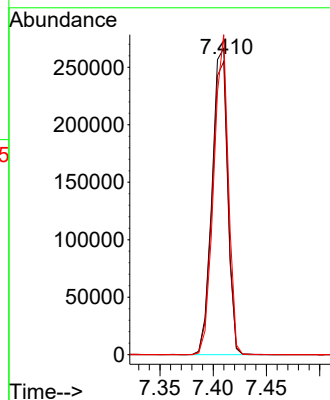
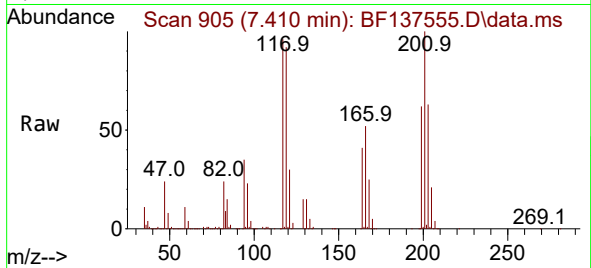




#18
Hexachloroethane
Concen: 46.612 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

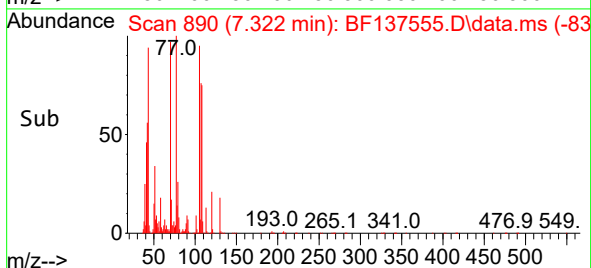
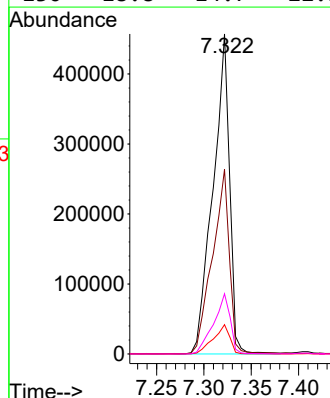
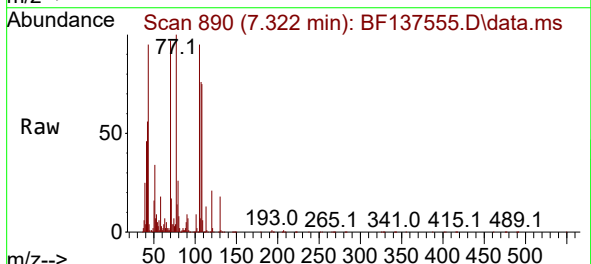
Instrument :
BNA_F
ClientSampleId :
PB159519BS

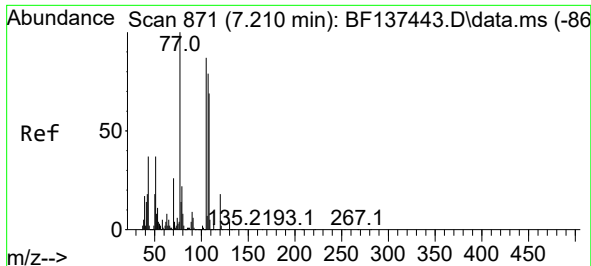
Tgt Ion:117 Resp: 273532
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
201 104.5 80.6 121.0



#19
n-Nitroso-di-n-propylamine
Concen: 40.425 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 70 Resp: 556890
Ion Ratio Lower Upper
70 100
42 57.7 45.2 67.8
101 9.2 7.3 10.9
130 18.8 14.7 22.1





#20

3+4-Methylphenols

Concen: 40.927 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

Tgt Ion:107 Resp: 714968

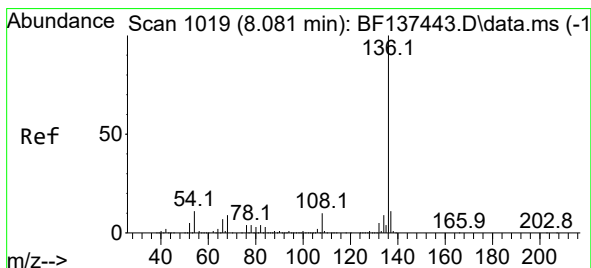
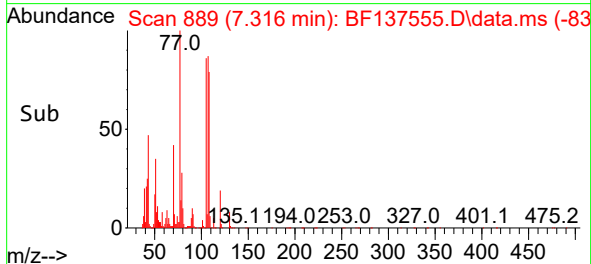
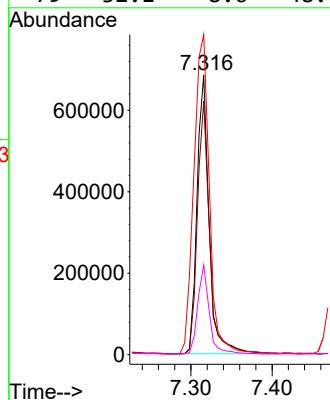
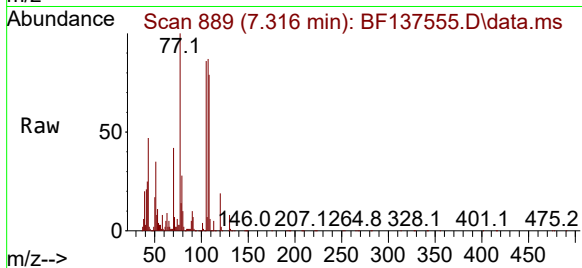
Ion Ratio Lower Upper

107 100

108 90.7 67.6 107.6

77 114.5 107.1 147.1

79 32.1 8.6 48.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Tgt Ion:136 Resp: 951754

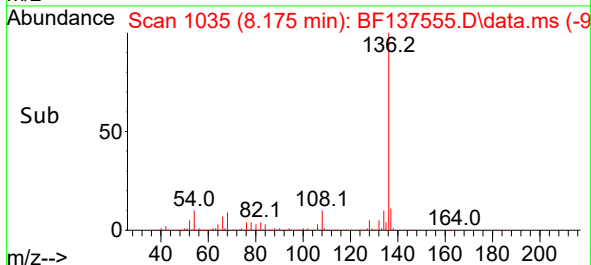
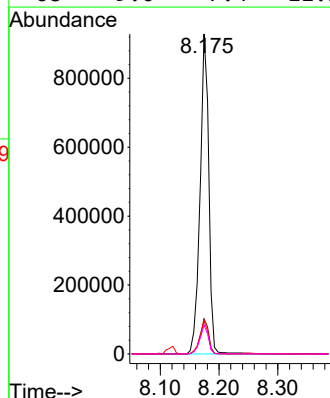
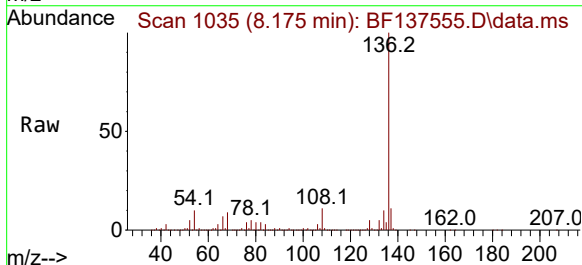
Ion Ratio Lower Upper

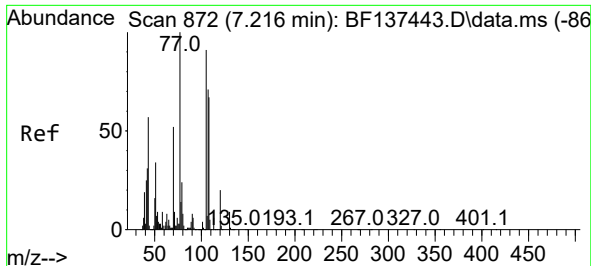
136 100

137 11.0 9.1 13.7

54 10.2 8.5 12.7

68 9.0 7.4 11.2

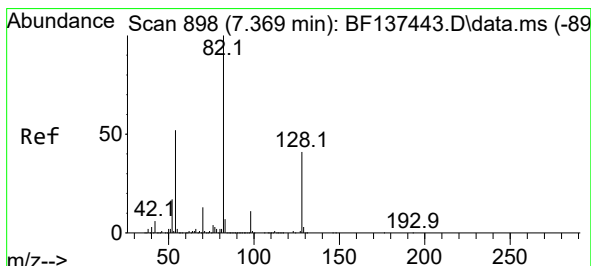
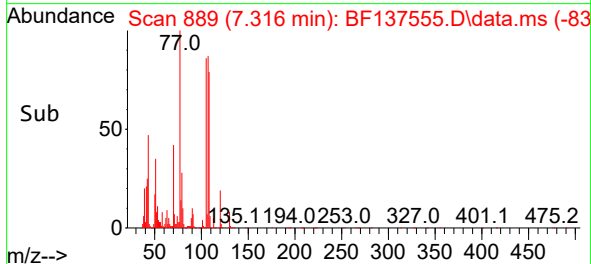
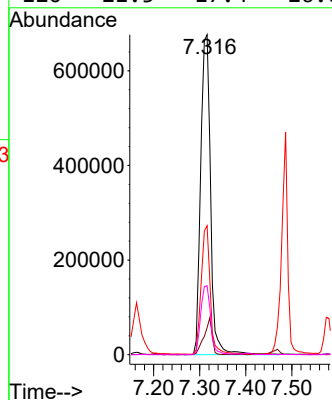
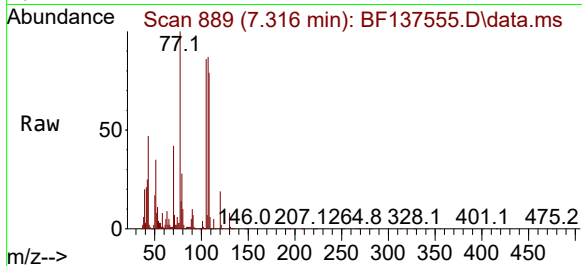




#22
Acetophenone
Concen: 43.841 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

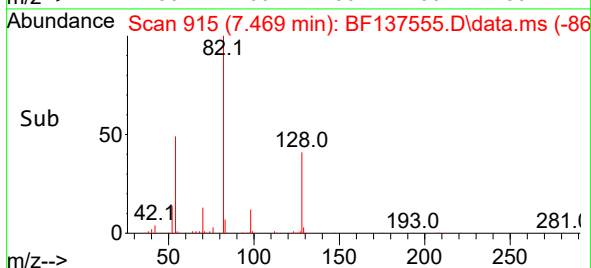
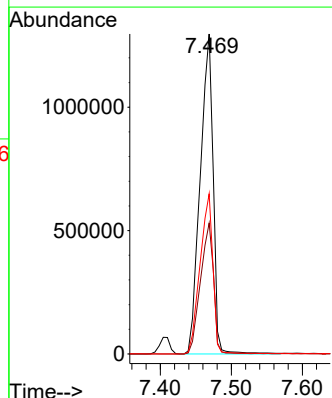
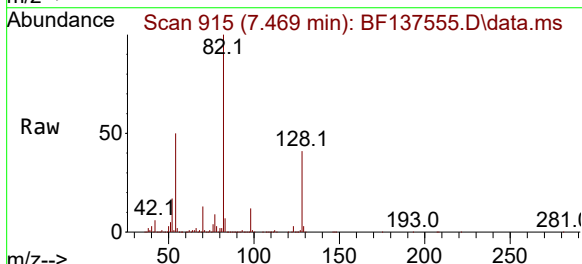
Instrument :
BNA_F
ClientSampleId :
PB159519BS

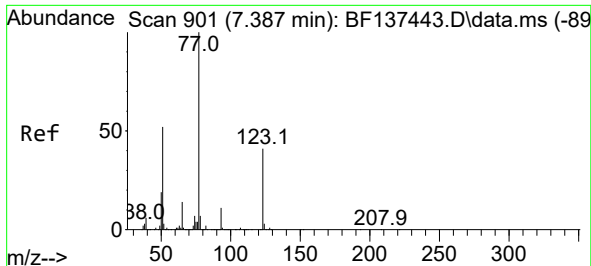
Tgt Ion:105 Resp: 1009581
Ion Ratio Lower Upper
105 100
71 8.4 7.7 11.5
51 40.3 30.4 45.6
120 21.5 17.4 26.0



#23
Nitrobenzene-d5
Concen: 80.572 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 82 Resp: 1650413
Ion Ratio Lower Upper
82 100
128 40.9 32.5 48.7
54 50.0 41.5 62.3

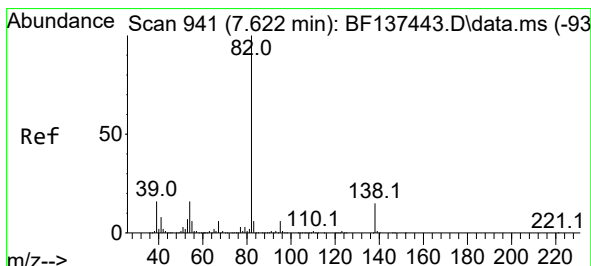
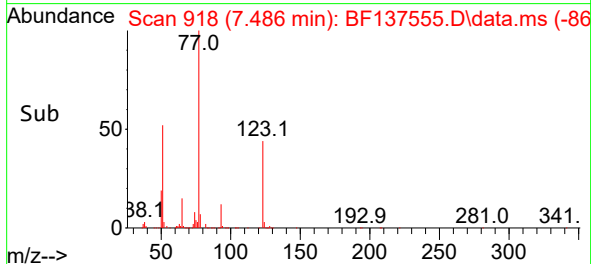
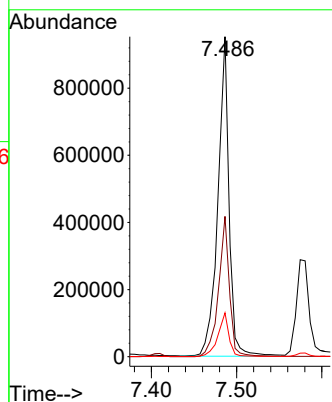
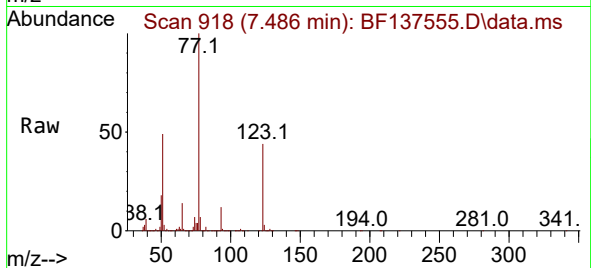




#24
Nitrobenzene
Concen: 42.237 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

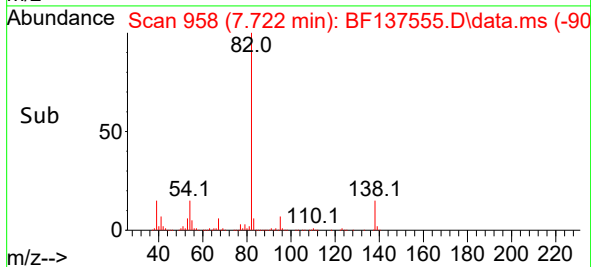
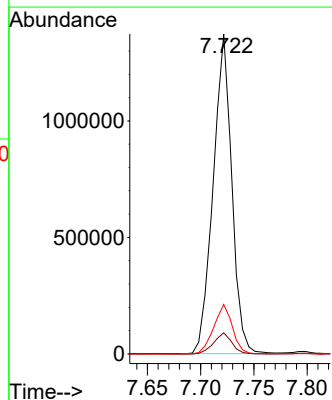
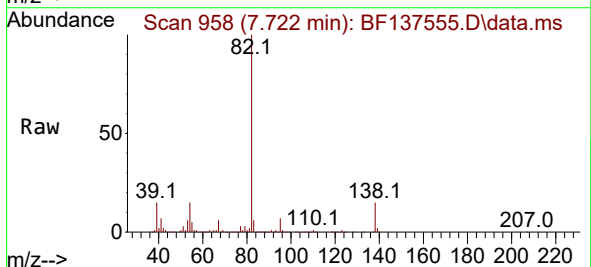
Instrument :
BNA_F
ClientSampleId :
PB159519BS

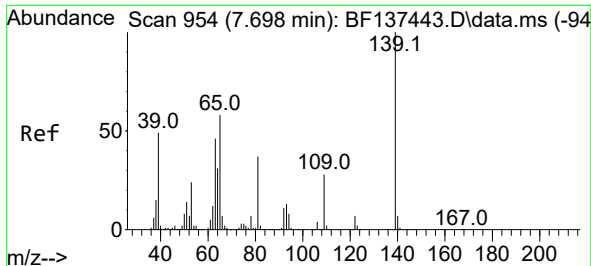
Tgt Ion: 77 Resp: 869097
Ion Ratio Lower Upper
77 100
123 43.8 33.0 49.6
65 13.7 10.9 16.3



#25
Isophorone
Concen: 42.933 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 82 Resp: 1670745
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.5 11.8 17.8

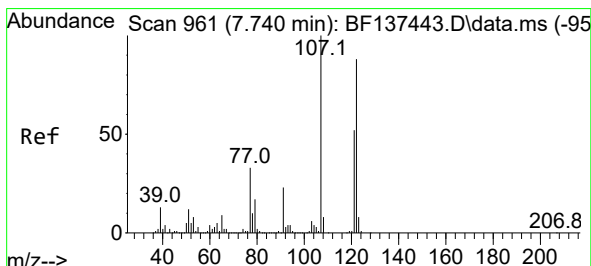
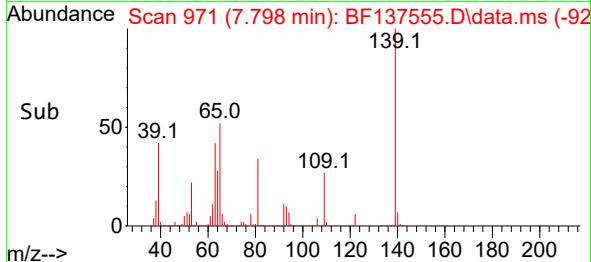
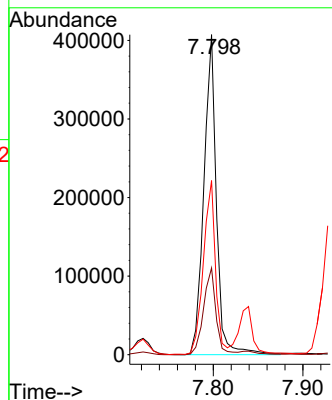
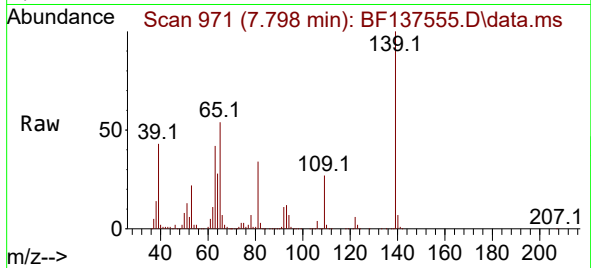




#26
2-Nitrophenol
Concen: 48.510 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

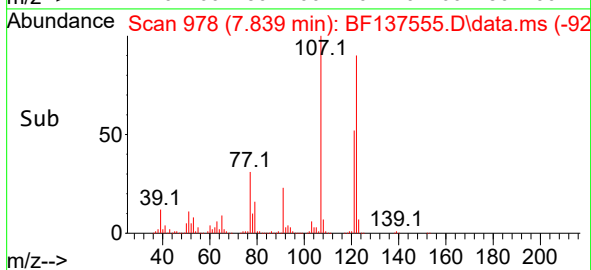
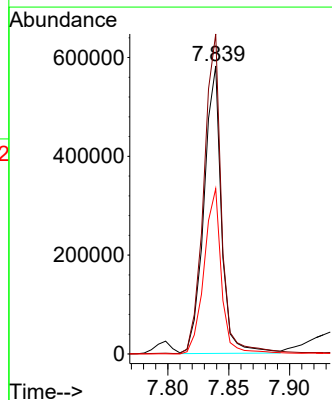
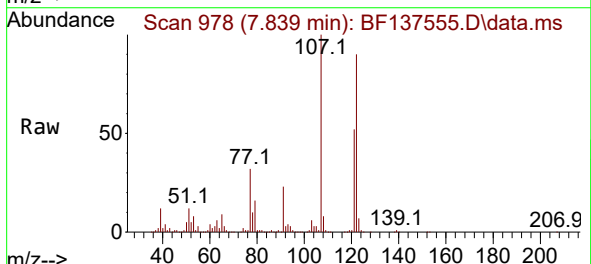
Instrument :
BNA_F
ClientSampleId :
PB159519BS

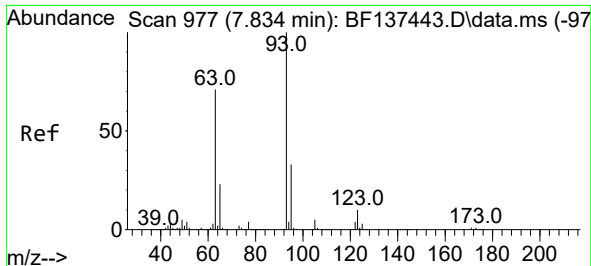
Tgt Ion:139 Resp: 396293
Ion Ratio Lower Upper
139 100
109 27.1 22.2 33.4
65 54.4 46.2 69.2



#27
2,4-Dimethylphenol
Concen: 38.091 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:122 Resp: 581440
Ion Ratio Lower Upper
122 100
107 111.1 90.9 136.3
121 57.4 47.0 70.6

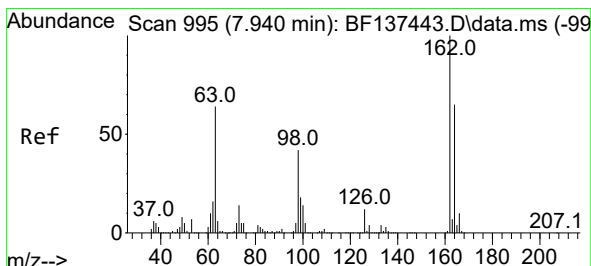
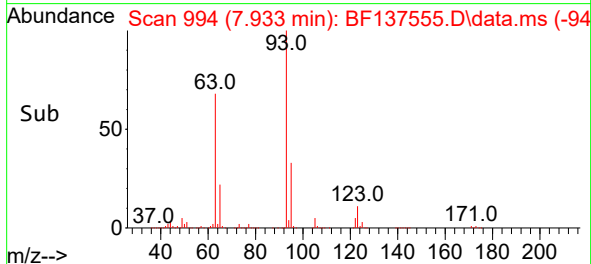
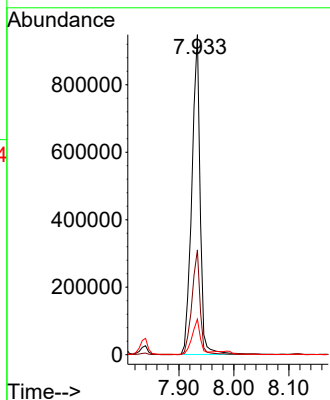
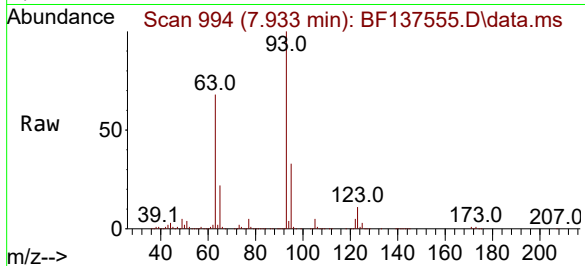




#28
bis(2-Chloroethoxy)methane
Concen: 43.517 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

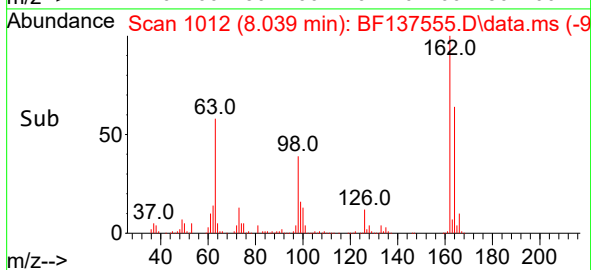
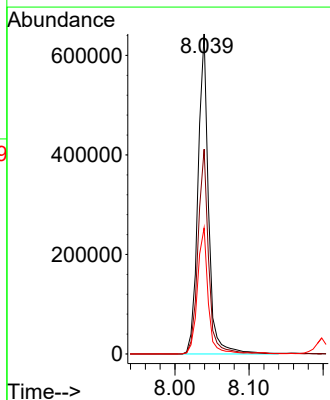
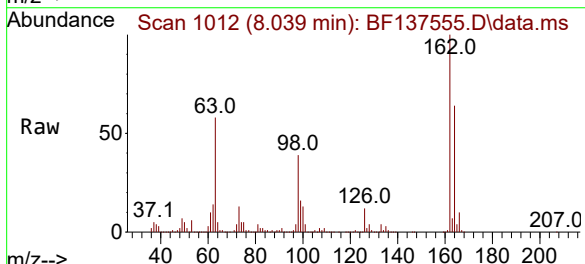
Instrument :
BNA_F
ClientSampleId :
PB159519BS

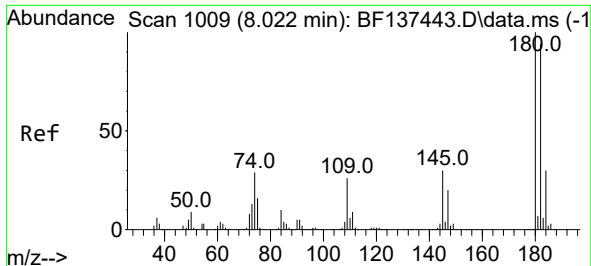
Tgt Ion: 93 Resp: 993609
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.1 8.0 12.0



#29
2,4-Dichlorophenol
Concen: 45.366 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 162 Resp: 635562
Ion Ratio Lower Upper
162 100
164 64.0 44.7 84.7
98 39.4 22.0 62.0





#30

1,2,4-Trichlorobenzene

Concen: 44.485 ng

RT: 8.116 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF137555.D

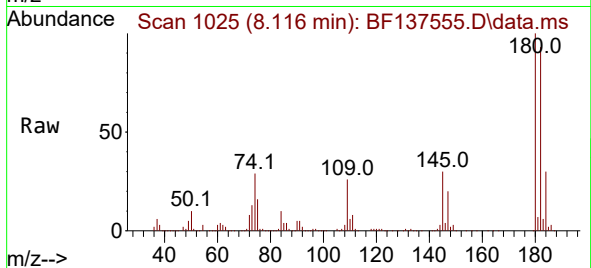
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS



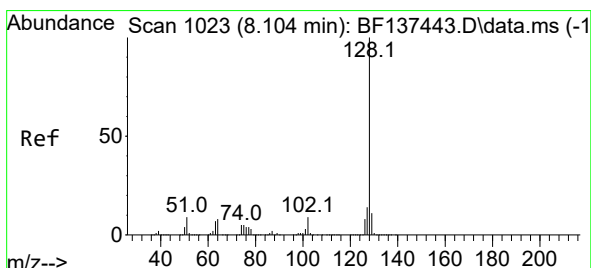
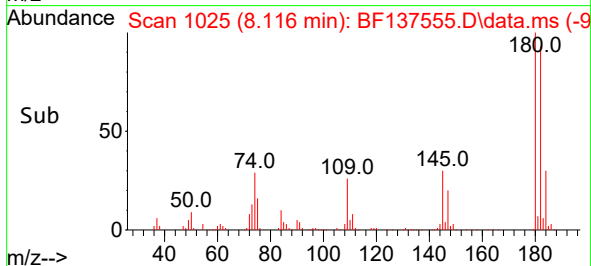
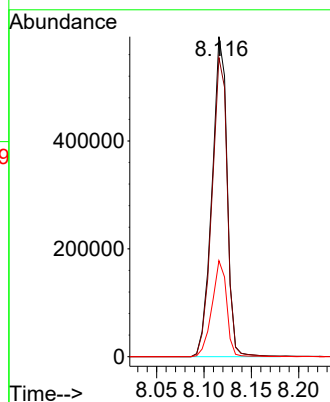
Tgt Ion:180 Resp: 655839

Ion Ratio Lower Upper

180 100

182 93.4 75.0 112.6

145 30.0 23.7 35.5



#31

Naphthalene

Concen: 41.986 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

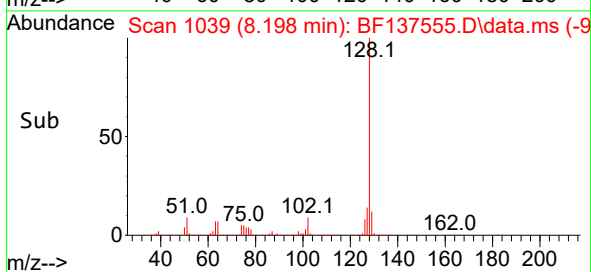
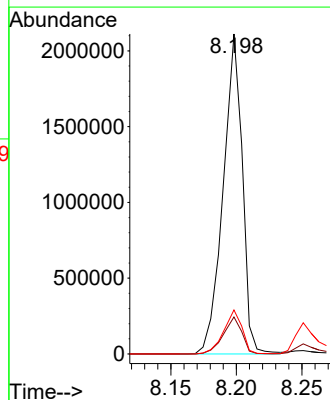
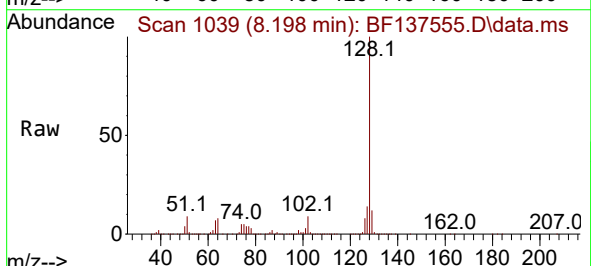
Tgt Ion:128 Resp: 2144026

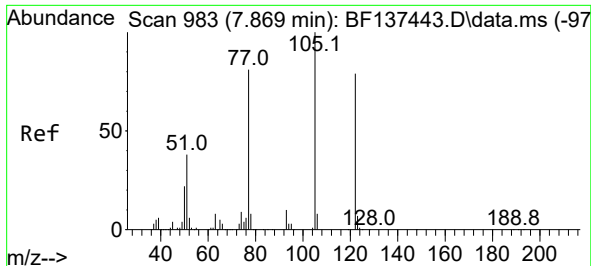
Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

127 13.8 10.8 16.2

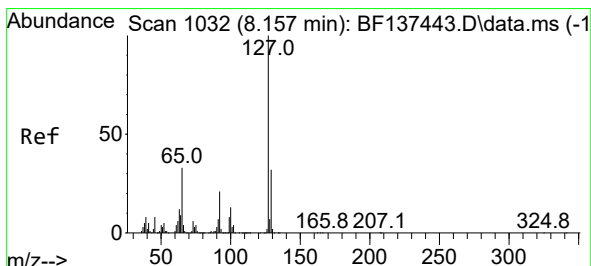
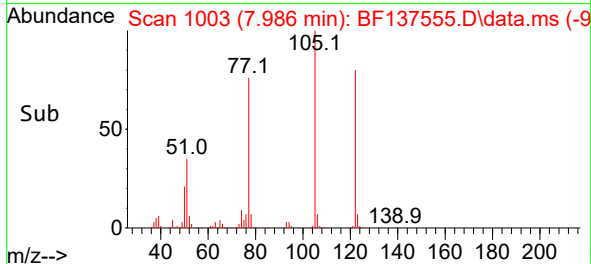
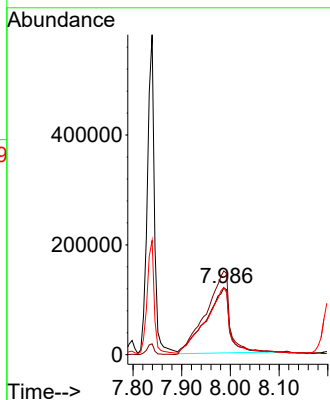
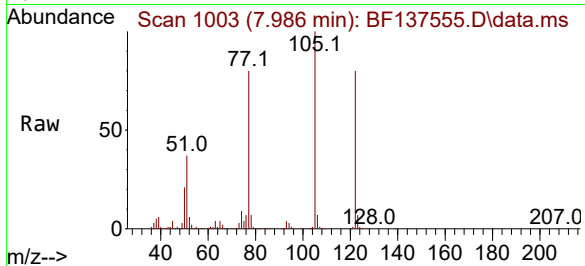




#32
Benzoic acid
Concen: 46.766 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

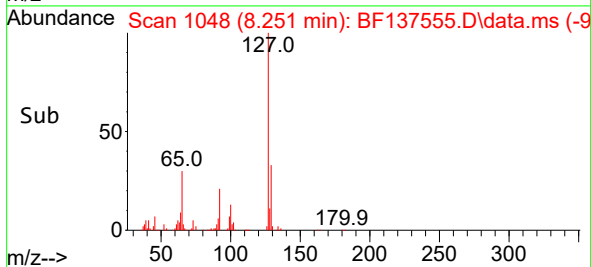
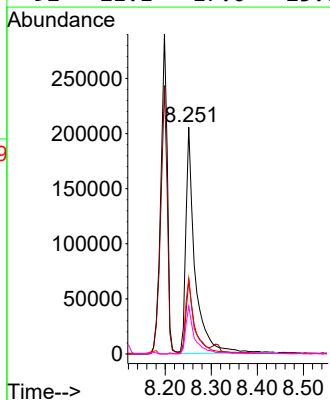
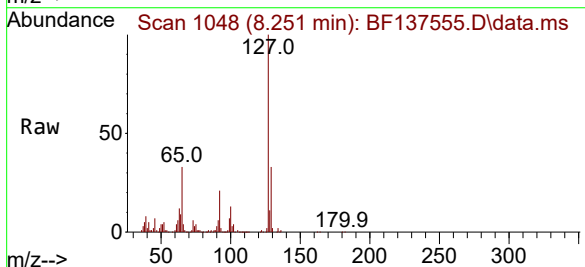
Instrument :
BNA_F
ClientSampleId :
PB159519BS

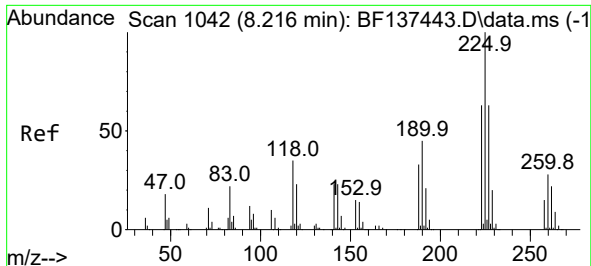
Tgt Ion:122 Resp: 409461
Ion Ratio Lower Upper
122 100
105 125.4 102.4 142.4
77 100.6 81.1 121.1



#33
4-Chloroaniline
Concen: 14.132 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:127 Resp: 282971
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 33.5 26.8 40.2
92 21.1 17.0 25.6

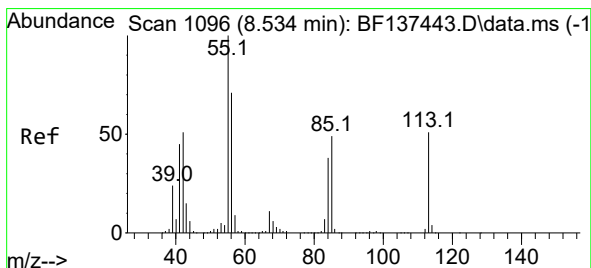
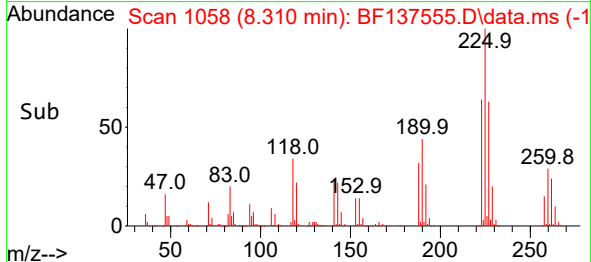
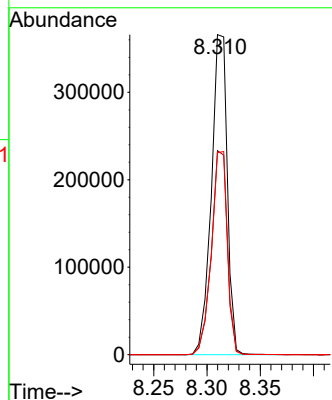
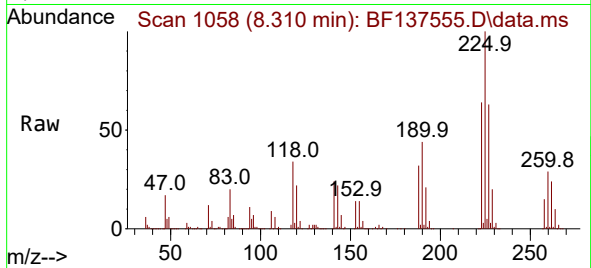




#34
Hexachlorobutadiene
Concen: 44.008 ng
RT: 8.310 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

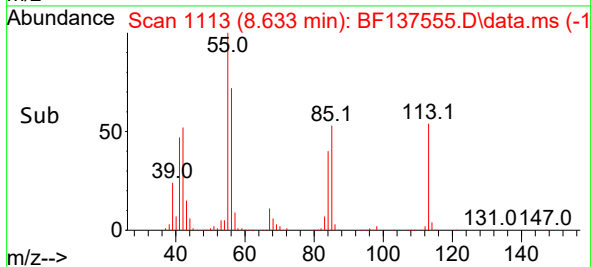
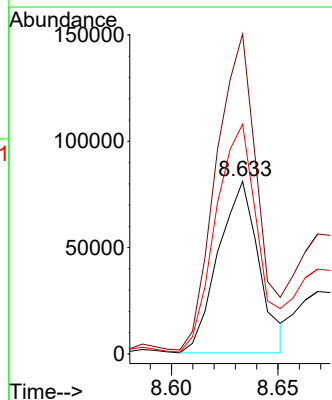
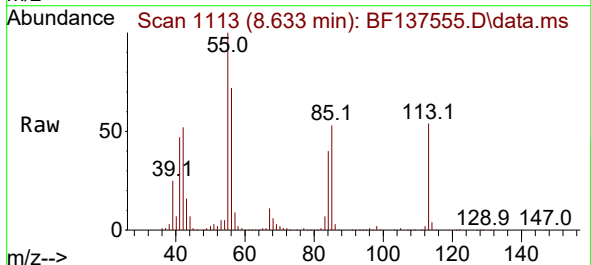
Instrument :
BNA_F
ClientSampleId :
PB159519BS

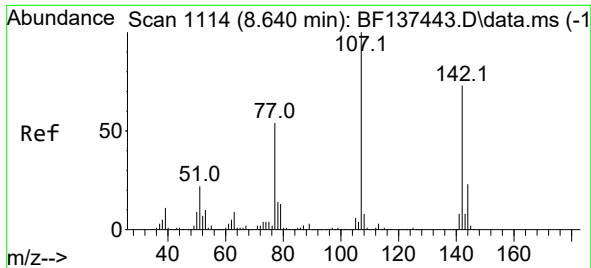
Tgt Ion:225 Resp: 383040
Ion Ratio Lower Upper
225 100
223 63.8 50.7 76.1
227 63.1 50.6 75.8



#35
Caprolactam
Concen: 22.580 ng
RT: 8.633 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:113 Resp: 107264
Ion Ratio Lower Upper
113 100
55 185.3 176.7 216.7
56 133.0 120.6 160.6

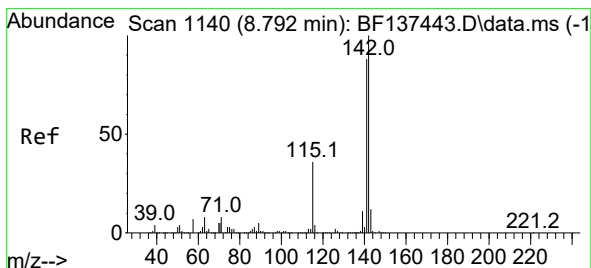
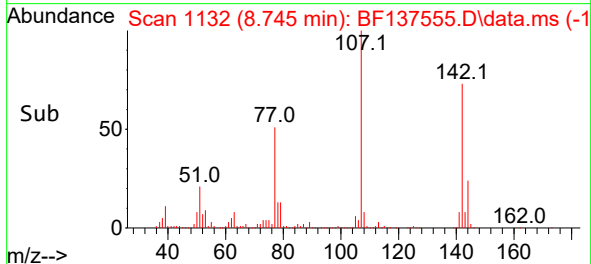
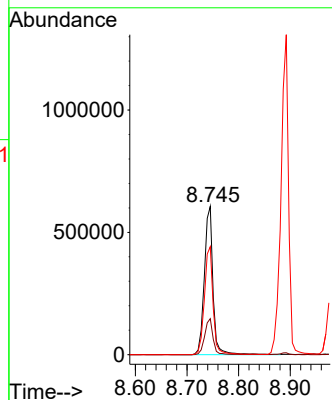
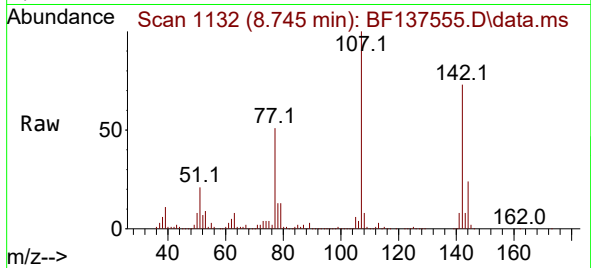




#36
4-Chloro-3-methylphenol
Concen: 44.910 ng
RT: 8.745 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

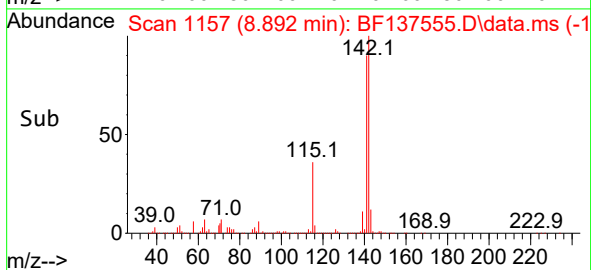
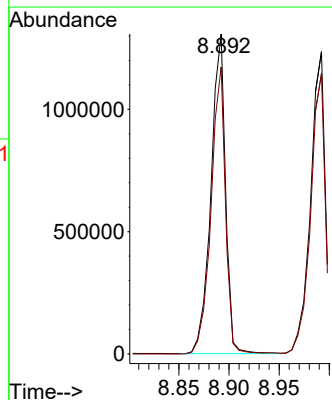
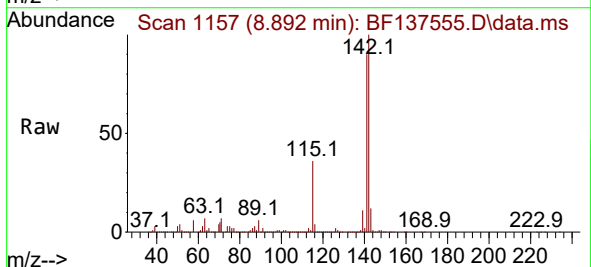
Instrument :
BNA_F
ClientSampleId :
PB159519BS

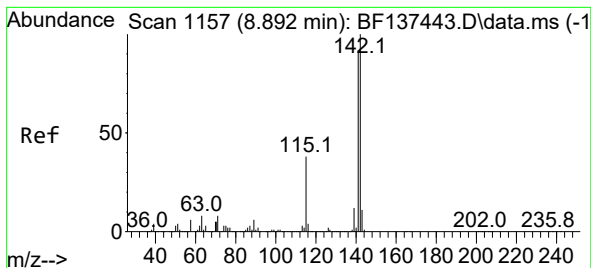
Tgt Ion:107 Resp: 703276
Ion Ratio Lower Upper
107 100
144 24.3 18.7 28.1
142 72.8 58.2 87.2



#37
2-Methylnaphthalene
Concen: 40.624 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:142 Resp: 1322474
Ion Ratio Lower Upper
142 100
141 89.7 70.4 105.6





#38

1-Methylnaphthalene

Concen: 40.976 ng

RT: 8.992 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

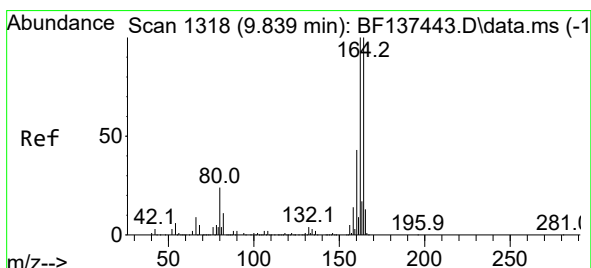
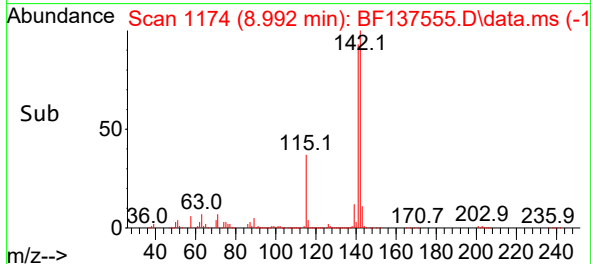
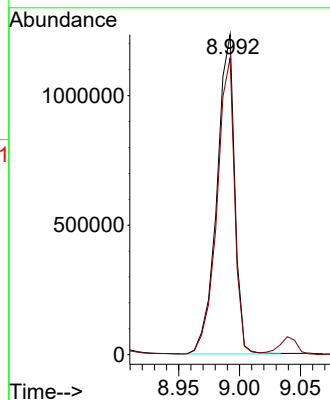
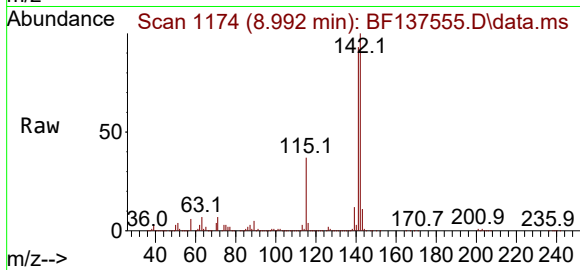
PB159519BS

Tgt Ion:142 Resp: 1256206

Ion Ratio Lower Upper

142 100

141 92.7 73.4 110.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

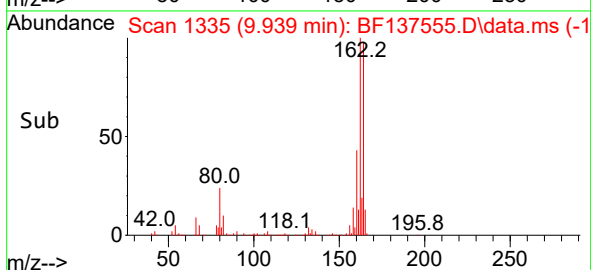
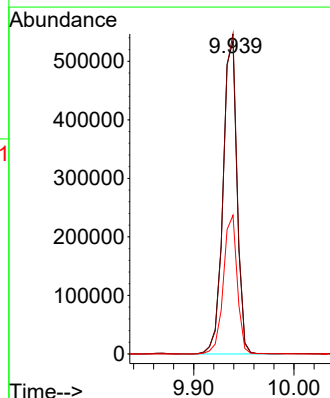
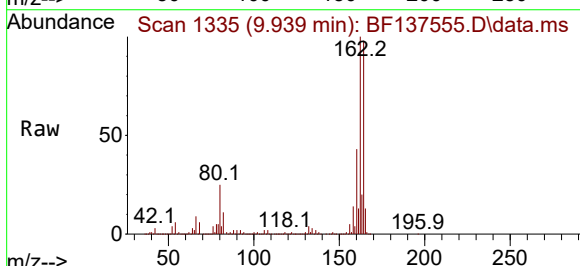
Tgt Ion:164 Resp: 519883

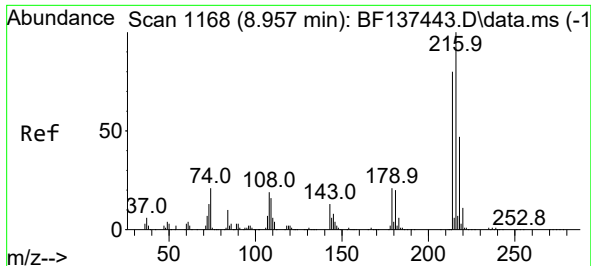
Ion Ratio Lower Upper

164 100

162 102.4 79.8 119.8

160 44.4 34.4 51.6

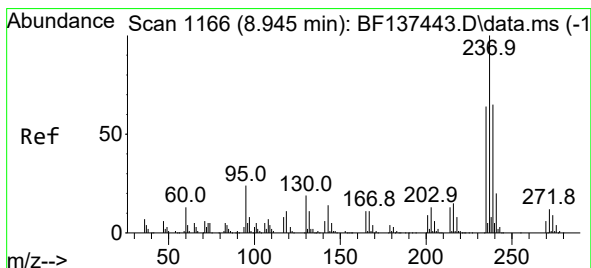
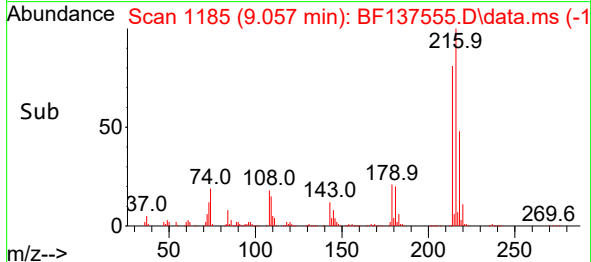
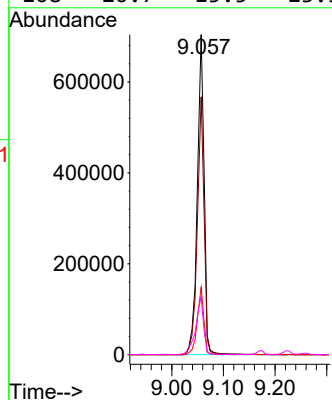
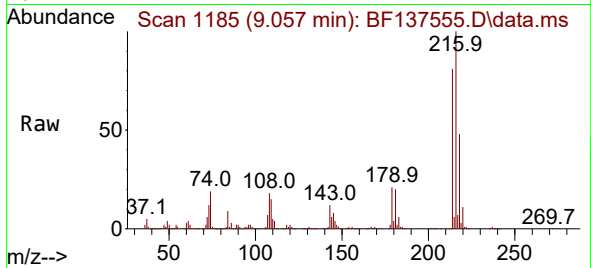




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.829 ng
 RT: 9.057 min Scan# 1185
 Delta R.T. -0.000 min
 Lab File: BF137555.D
 Acq: 11 Mar 2024 14:11

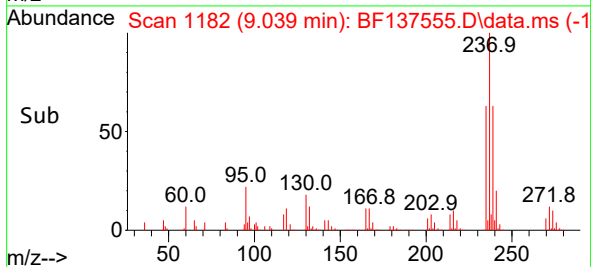
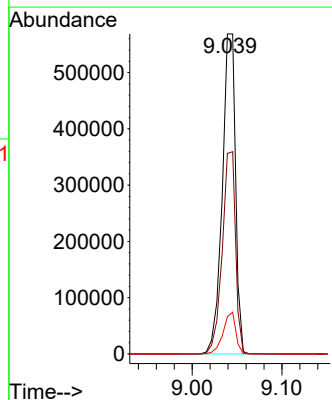
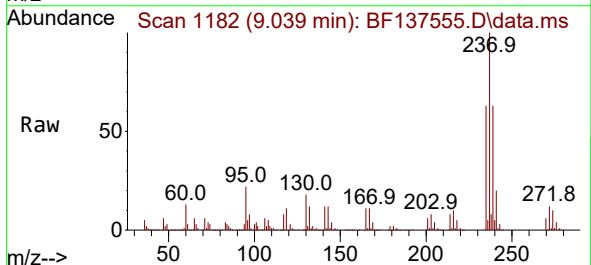
Instrument :
 BNA_F
 ClientSampleId :
 PB159519BS

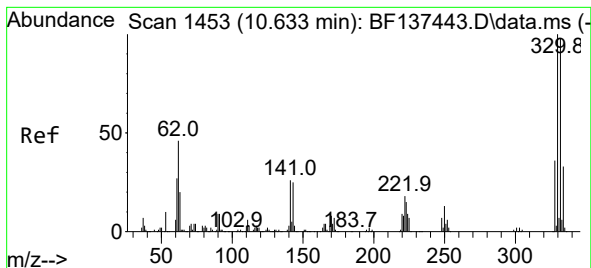
Tgt Ion:216 Resp: 650644
 Ion Ratio Lower Upper
 216 100
 214 79.4 63.5 95.3
 179 20.3 16.6 25.0
 108 20.7 15.5 23.3



#41
 Hexachlorocyclopentadiene
 Concen: 97.013 ng
 RT: 9.039 min Scan# 1182
 Delta R.T. -0.000 min
 Lab File: BF137555.D
 Acq: 11 Mar 2024 14:11

Tgt Ion:237 Resp: 586185
 Ion Ratio Lower Upper
 237 100
 235 62.7 43.6 83.6
 272 11.7 0.0 31.9

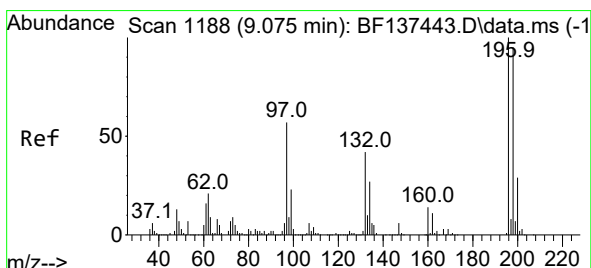
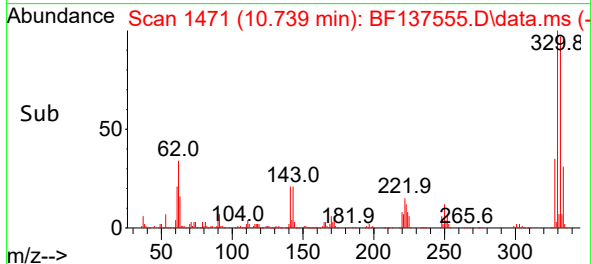
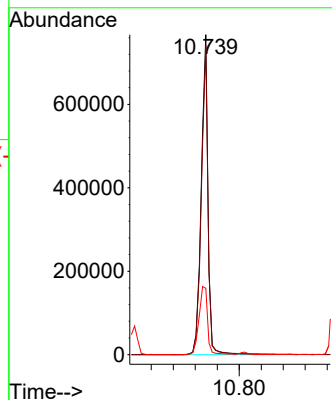
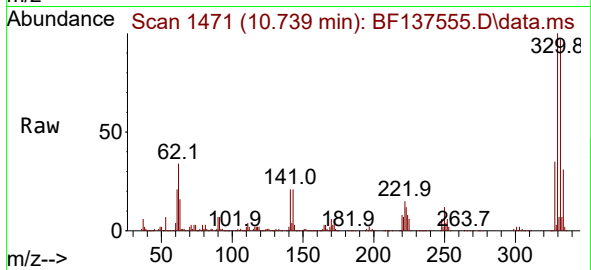




#42
2,4,6-Tribromophenol
Concen: 143.520 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

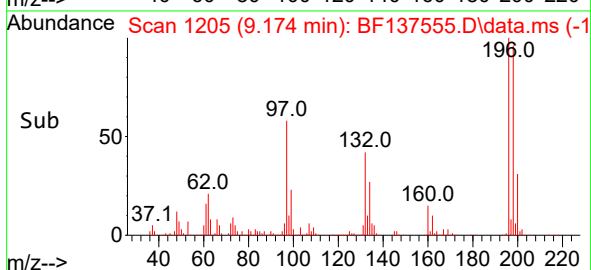
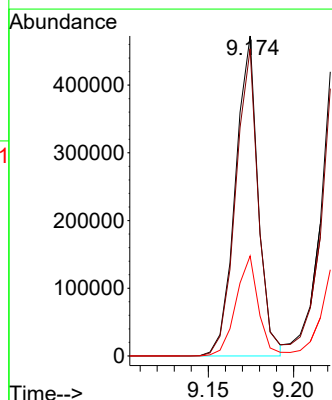
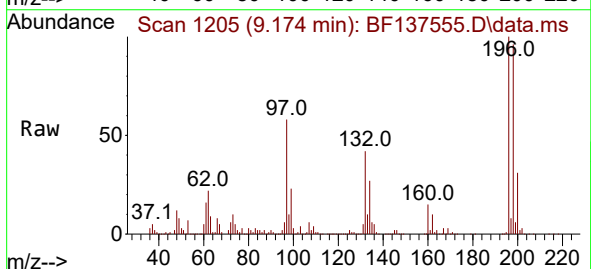
Instrument :
BNA_F
ClientSampleId :
PB159519BS

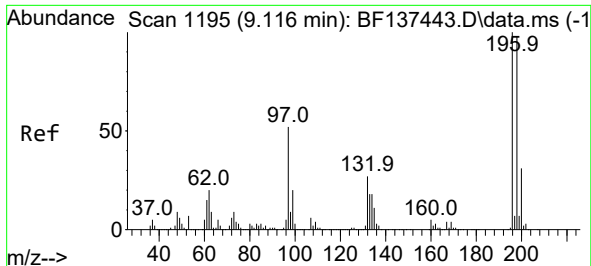
Tgt Ion:330 Resp: 655235
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 27.1 27.3 40.9#



#43
2,4,6-Trichlorophenol
Concen: 46.299 ng
RT: 9.174 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:196 Resp: 437593
Ion Ratio Lower Upper
196 100
198 96.0 75.8 113.8
200 31.2 23.5 35.3

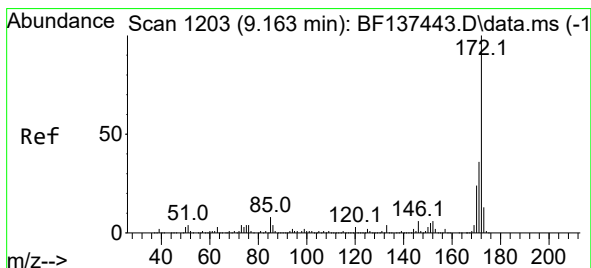
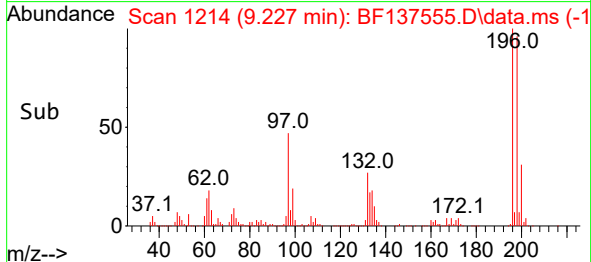
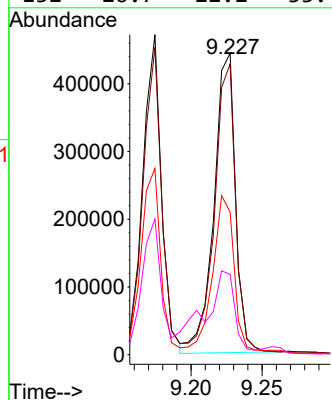
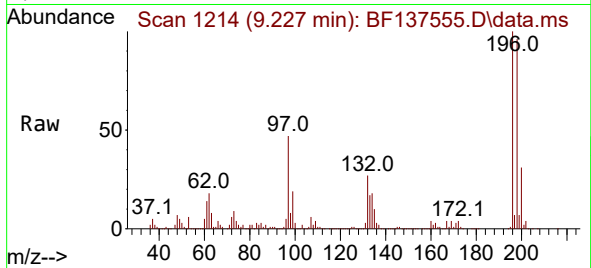




#44
2,4,5-Trichlorophenol
Concen: 42.797 ng
RT: 9.227 min Scan# 1195
Delta R.T. 0.017 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

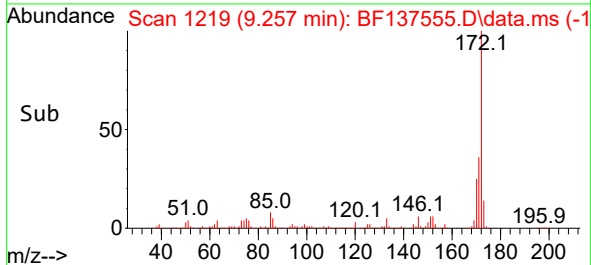
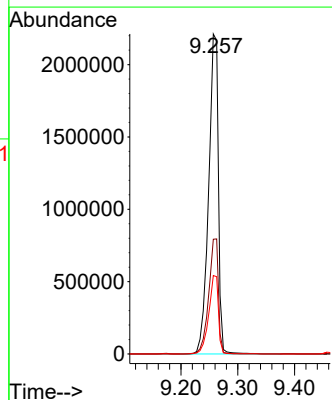
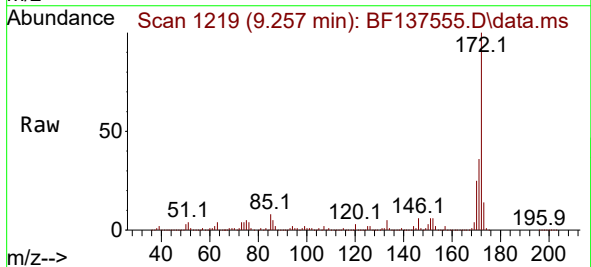
Instrument :
BNA_F
ClientSampleId :
PB159519BS

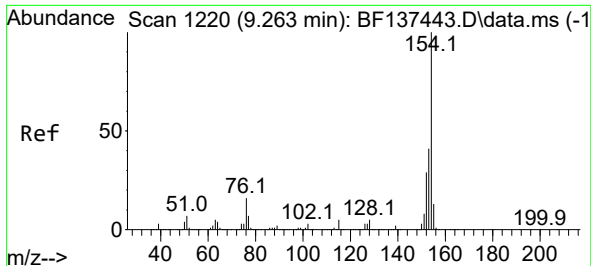
Tgt Ion:196 Resp: 465963
Ion Ratio Lower Upper
196 100
198 96.4 78.6 117.8
97 47.3 41.8 62.8
132 26.7 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 78.968 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:172 Resp: 2622657
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.5 19.0 28.6

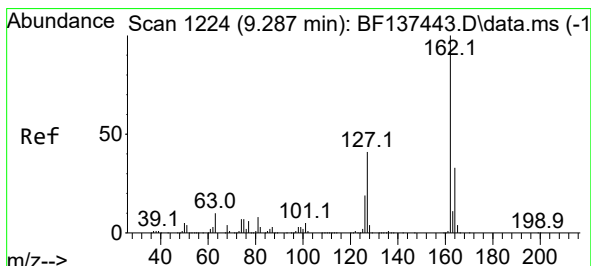
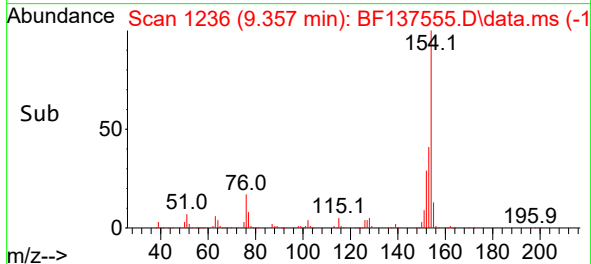
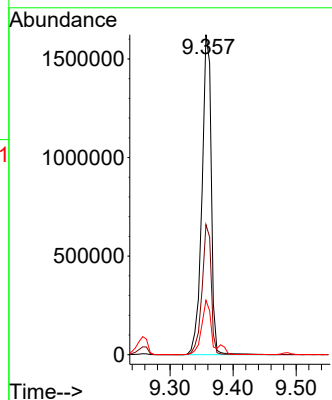
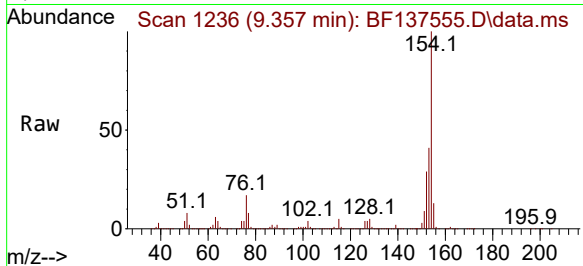




#46
1,1'-Biphenyl
Concen: 43.496 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

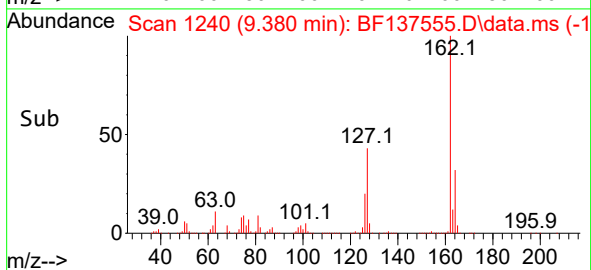
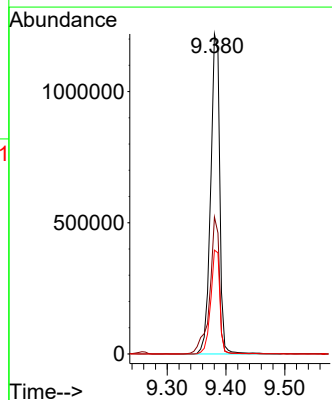
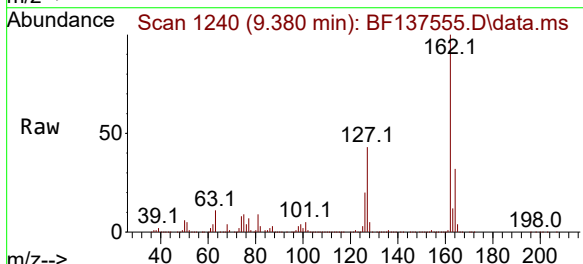
Instrument :
BNA_F
ClientSampleId :
PB159519BS

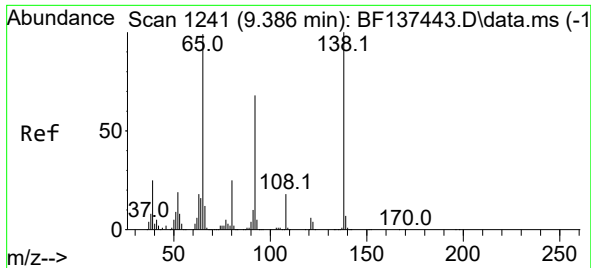
Tgt Ion:154 Resp: 1655076
Ion Ratio Lower Upper
154 100
153 40.6 21.0 61.0
76 17.0 0.0 35.8



#47
2-Chloronaphthalene
Concen: 45.081 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:162 Resp: 1307838
Ion Ratio Lower Upper
162 100
127 42.8 32.6 49.0
164 32.4 26.5 39.7

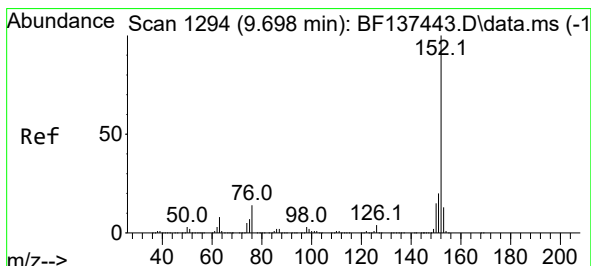
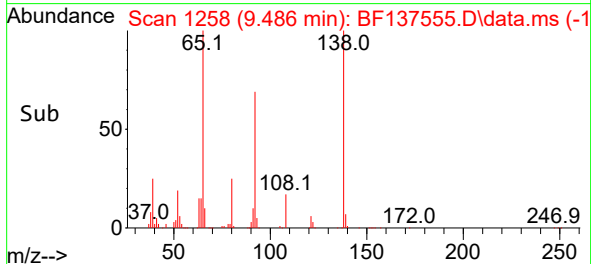
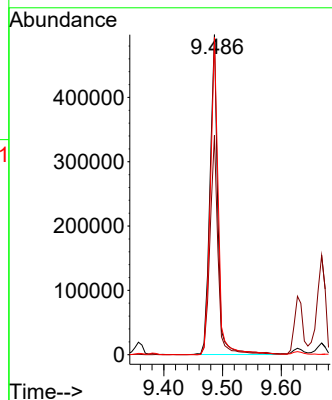
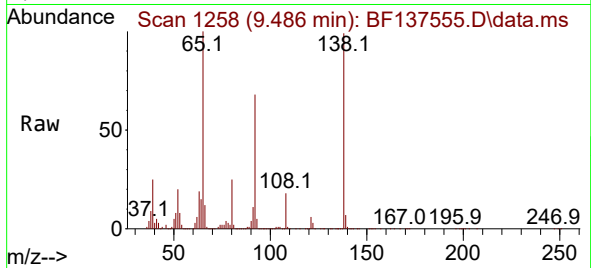




#48
2-Nitroaniline
Concen: 46.855 ng
RT: 9.486 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

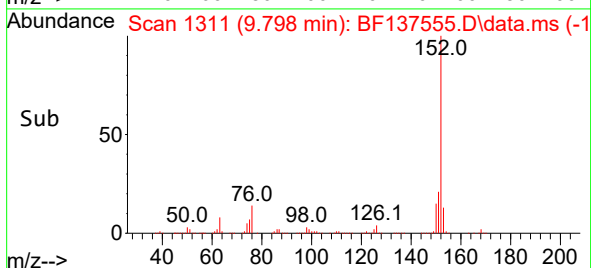
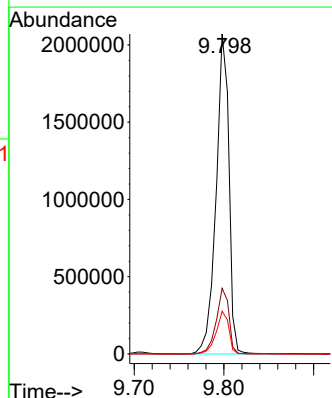
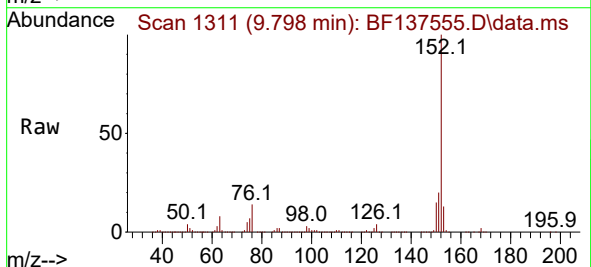
Instrument :
BNA_F
ClientSampleId :
PB159519BS

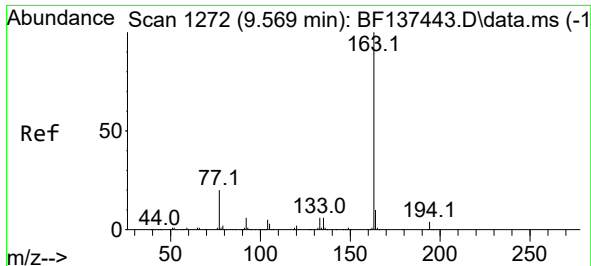
Tgt Ion: 65 Resp: 462014
Ion Ratio Lower Upper
65 100
92 68.5 55.4 83.2
138 99.1 81.0 121.6



#49
Acenaphthylene
Concen: 44.346 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 152 Resp: 2058831
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.4 10.8 16.2

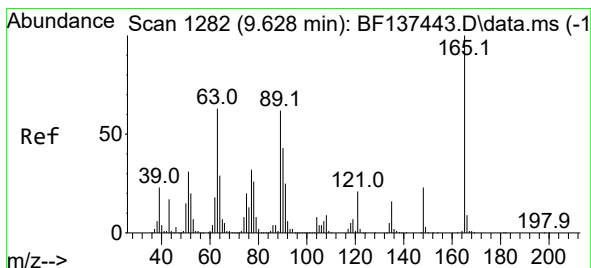
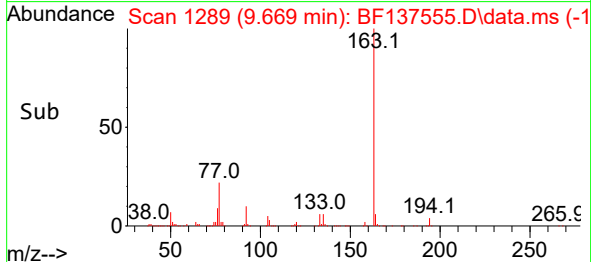
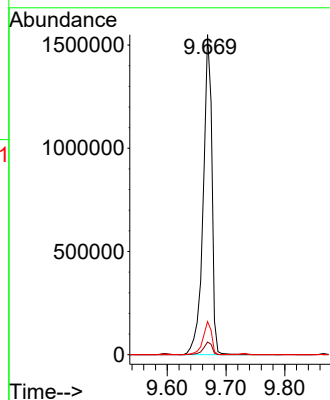
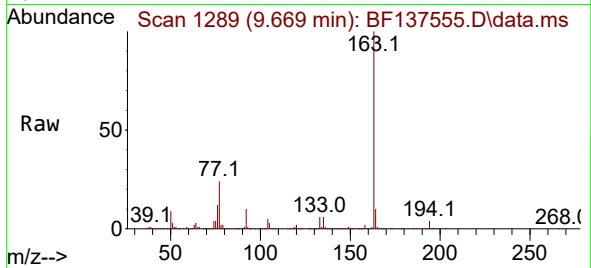




#50
Dimethylphthalate
Concen: 44.173 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

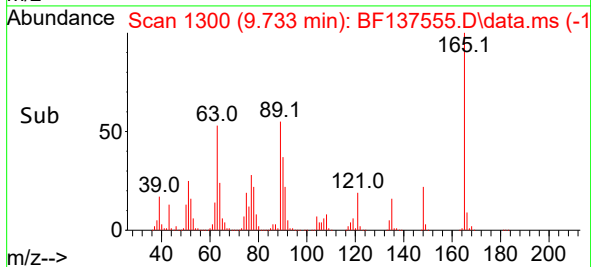
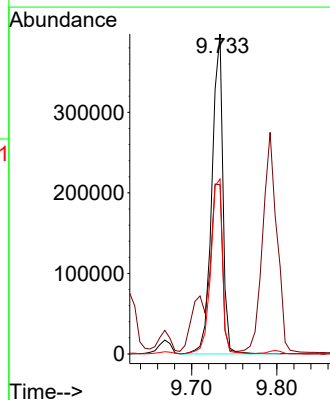
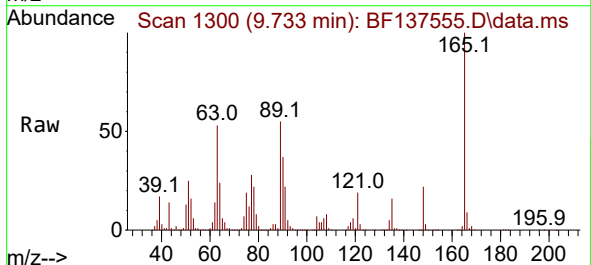
Instrument :
BNA_F
ClientSampleId :
PB159519BS

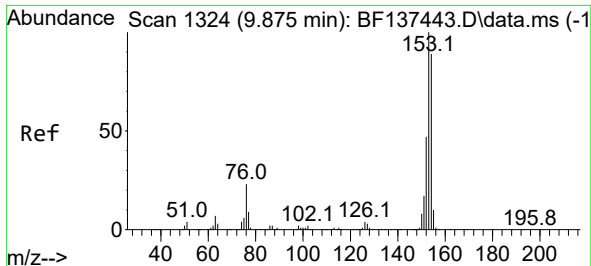
Tgt Ion:163 Resp: 1598631
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 47.002 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:165 Resp: 355778
Ion Ratio Lower Upper
165 100
63 52.9 50.7 76.1
89 54.6 50.0 75.0

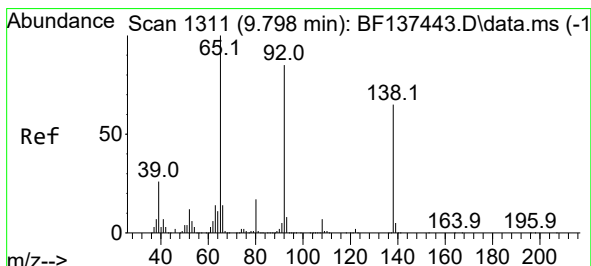
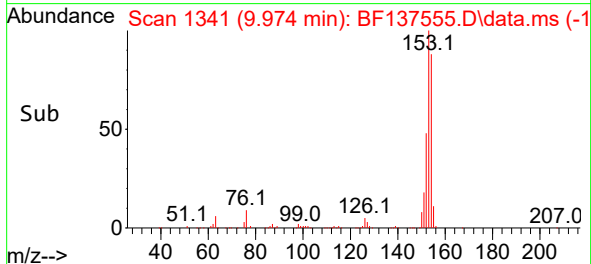
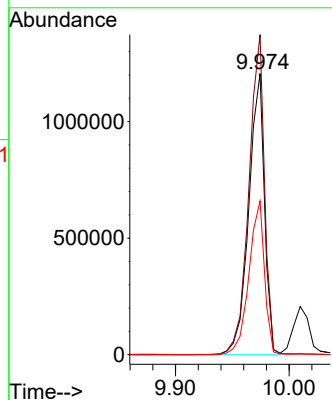
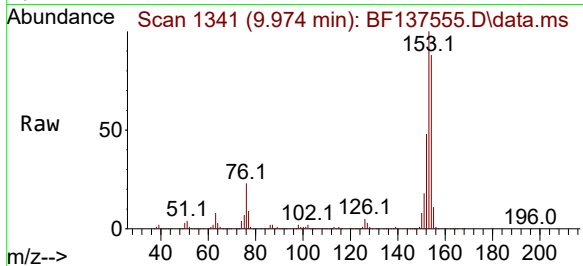




#52
Acenaphthene
Concen: 41.980 ng
RT: 9.974 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

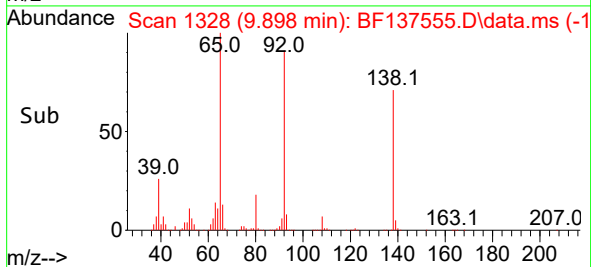
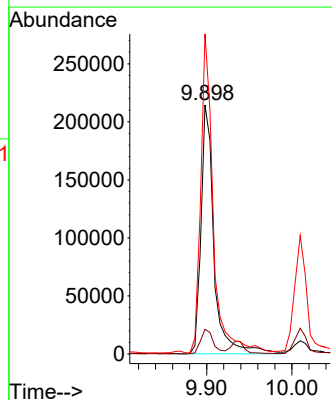
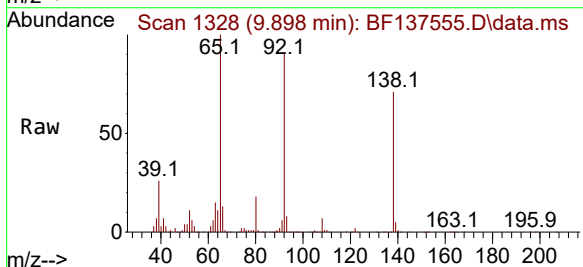
Instrument :
BNA_F
ClientSampleId :
PB159519BS

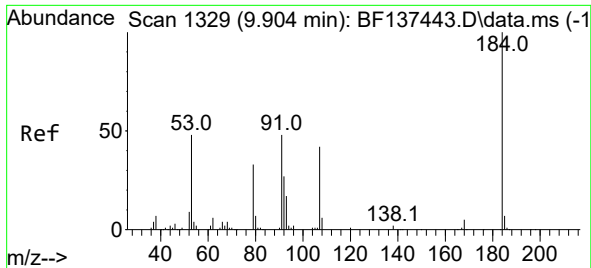
Tgt Ion:154 Resp: 1163561
Ion Ratio Lower Upper
154 100
153 113.8 90.3 135.5
152 54.6 42.7 64.1



#53
3-Nitroaniline
Concen: 28.293 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:138 Resp: 226528
Ion Ratio Lower Upper
138 100
108 9.9 9.1 13.7
92 128.6 104.6 157.0

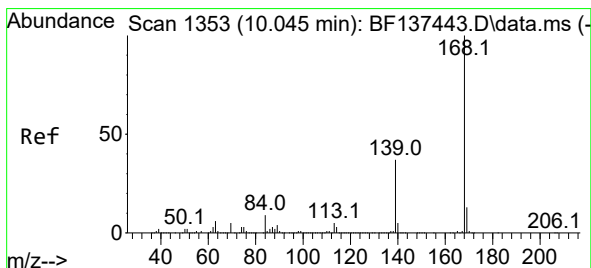
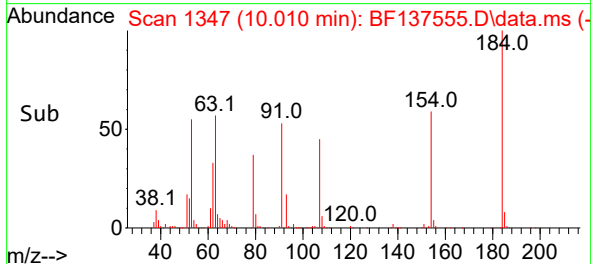
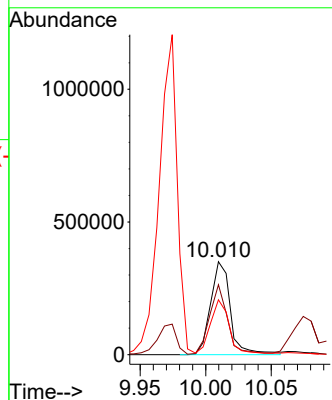
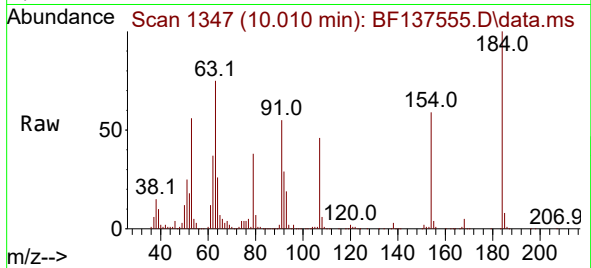




#54
2,4-Dinitrophenol
Concen: 97.931 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

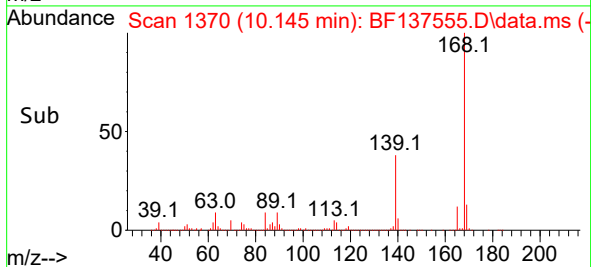
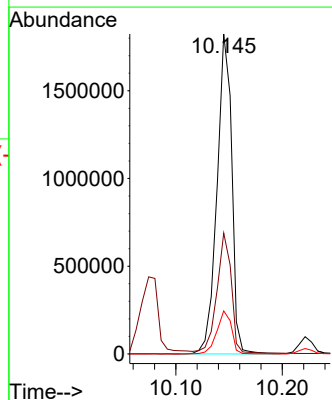
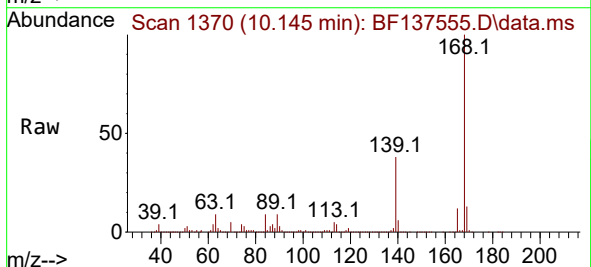
Instrument :
BNA_F
ClientSampleId :
PB159519BS

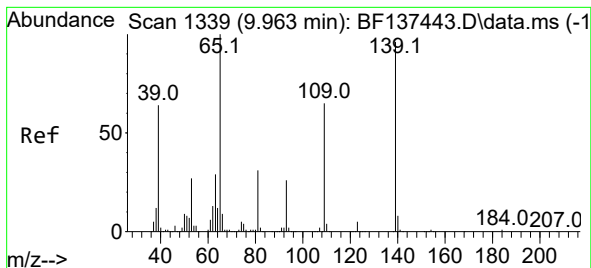
Tgt Ion:184 Resp: 369146
Ion Ratio Lower Upper
184 100
63 75.2 53.3 79.9
154 59.0 47.4 71.0



#55
Dibenzofuran
Concen: 41.407 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:168 Resp: 1748012
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.6
169 13.4 10.8 16.2





#56

4-Nitrophenol

Concen: 92.093 ng

RT: 10.074 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

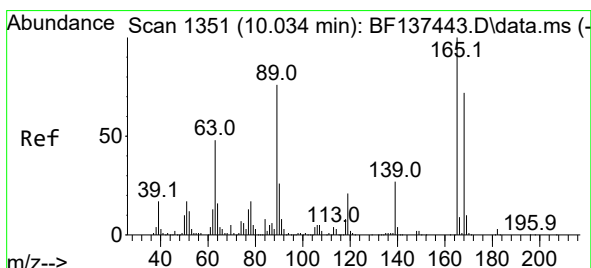
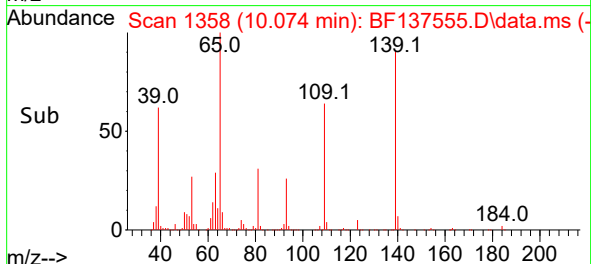
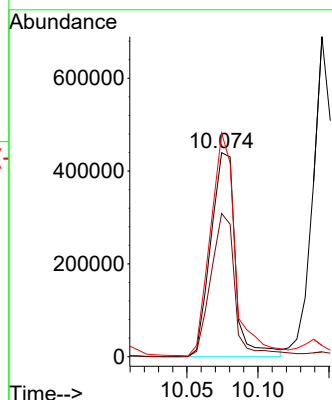
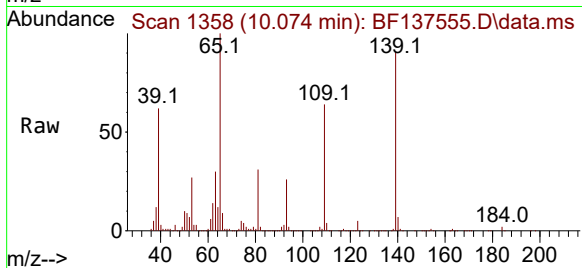
Tgt Ion:139 Resp: 528720

Ion Ratio Lower Upper

139 100

109 70.2 47.1 87.1

65 109.6 85.1 125.1



#57

2,4-Dinitrotoluene

Concen: 45.918 ng

RT: 10.139 min Scan# 1369

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Tgt Ion:165 Resp: 427026

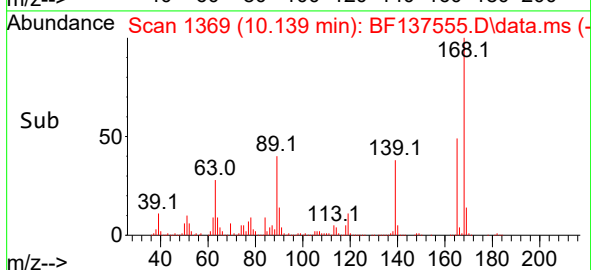
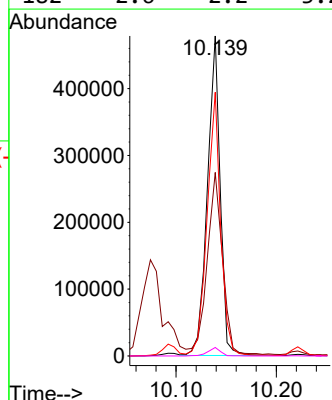
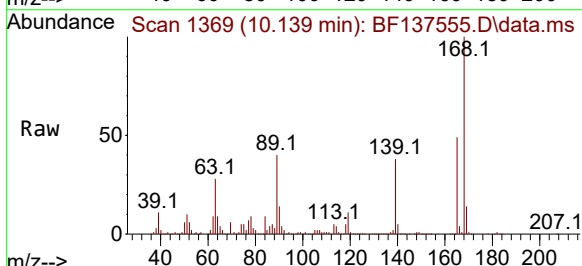
Ion Ratio Lower Upper

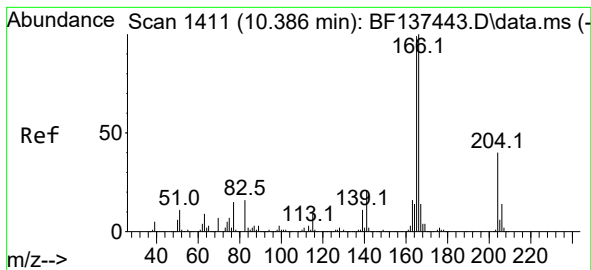
165 100

63 57.3 39.0 58.6

89 82.4 60.9 91.3

182 2.6 2.2 3.2





#58

Fluorene

Concen: 40.801 ng

RT: 10.492 min Scan# 1411

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

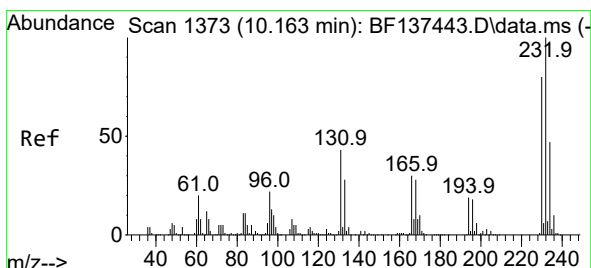
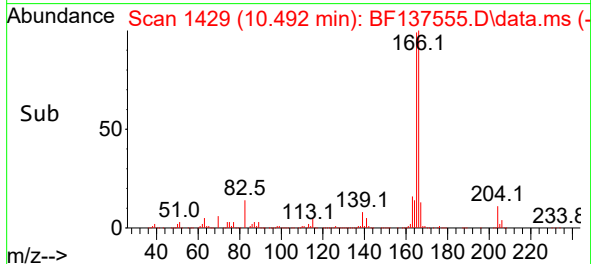
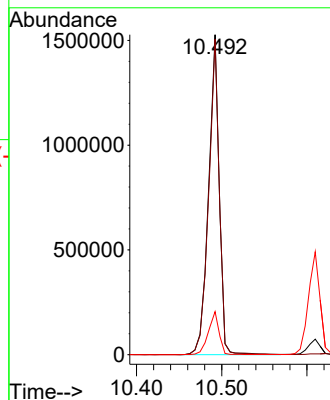
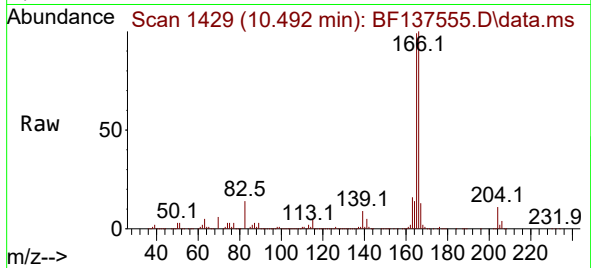
Tgt Ion:166 Resp: 1322805

Ion Ratio Lower Upper

166 100

165 98.6 79.2 118.8

167 13.5 11.0 16.6



#59

2,3,4,6-Tetrachlorophenol

Concen: 46.624 ng

RT: 10.269 min Scan# 1391

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Tgt Ion:232 Resp: 407072

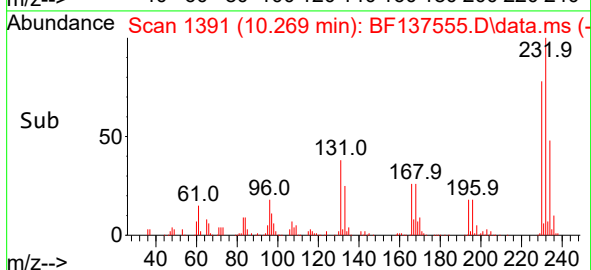
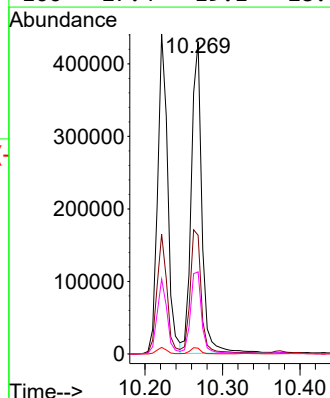
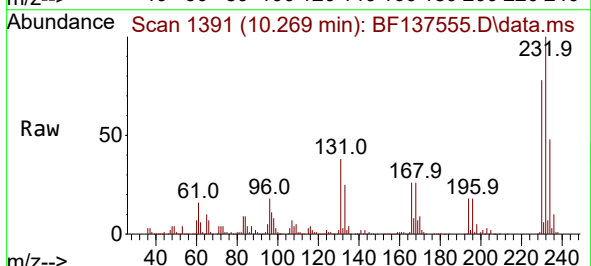
Ion Ratio Lower Upper

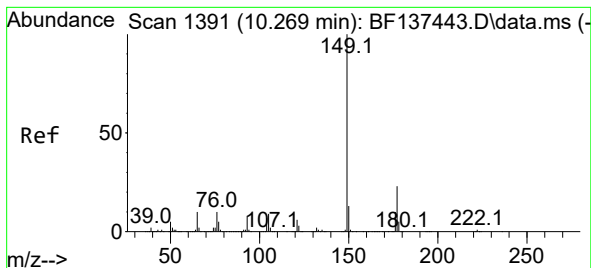
232 100

131 42.5 31.2 46.8

130 2.1 1.8 2.6

166 27.4 19.1 28.7





#60

Diethylphthalate

Concen: 43.732 ng

RT: 10.374 min Scan# 1409

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

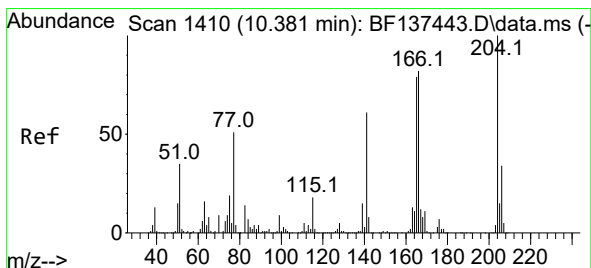
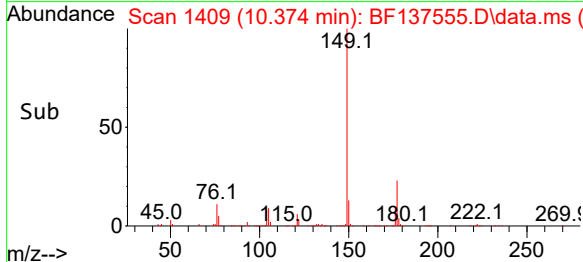
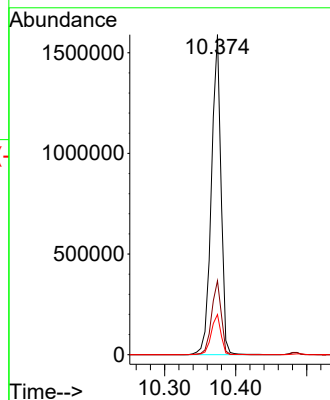
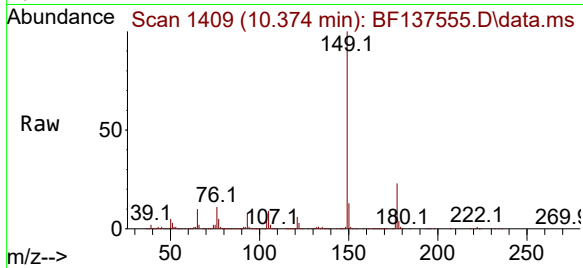
Tgt Ion:149 Resp: 1494552

Ion Ratio Lower Upper

149 100

177 23.1 18.7 28.1

150 12.5 10.2 15.4



#61

4-Chlorophenyl-phenylether

Concen: 40.996 ng

RT: 10.486 min Scan# 1428

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

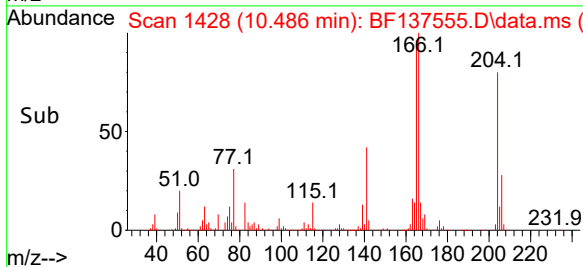
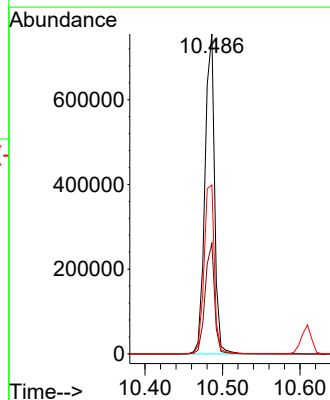
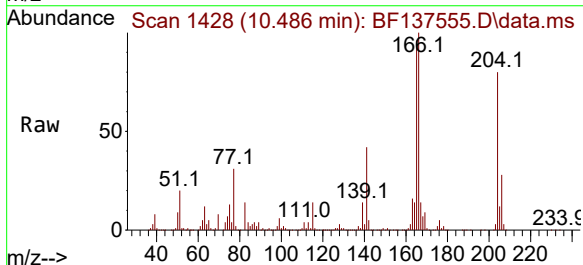
Tgt Ion:204 Resp: 651398

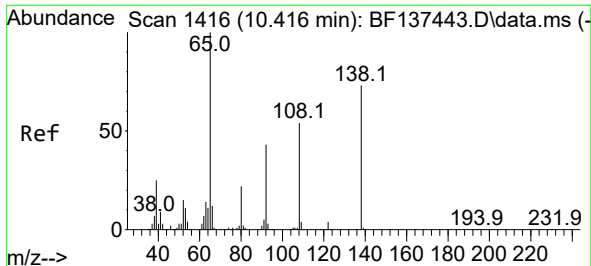
Ion Ratio Lower Upper

204 100

206 34.6 27.4 41.0

141 52.8 48.4 72.6

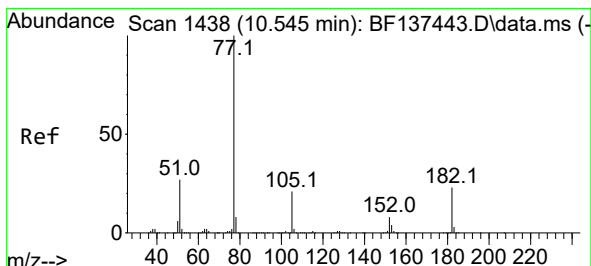
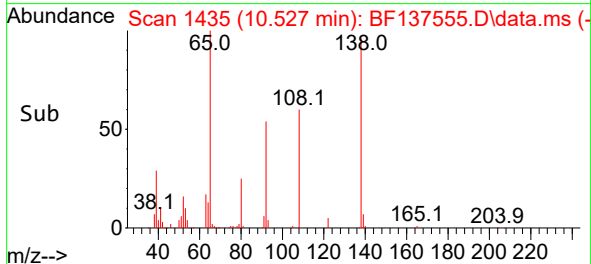
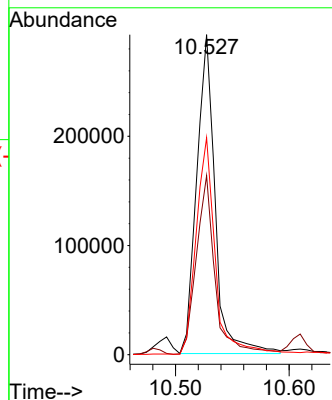
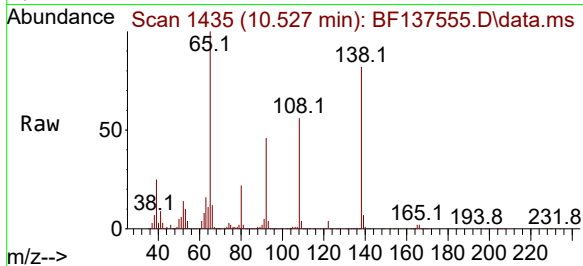




#62
4-Nitroaniline
Concen: 47.953 ng
RT: 10.527 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

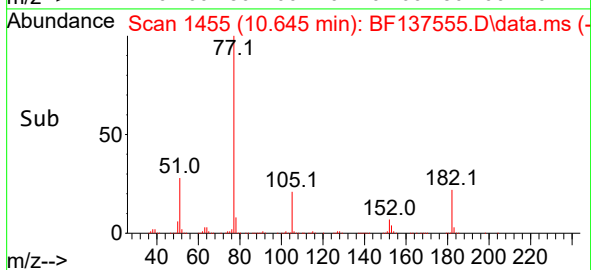
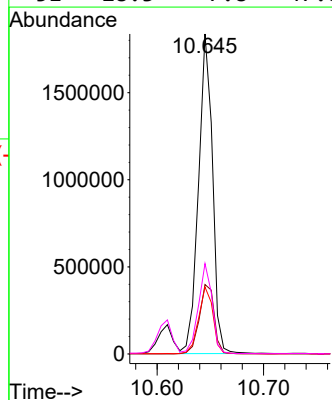
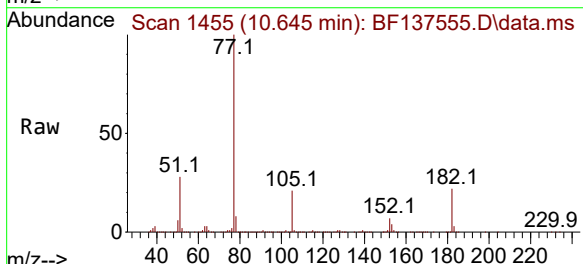
Instrument :
BNA_F
ClientSampleId :
PB159519BS

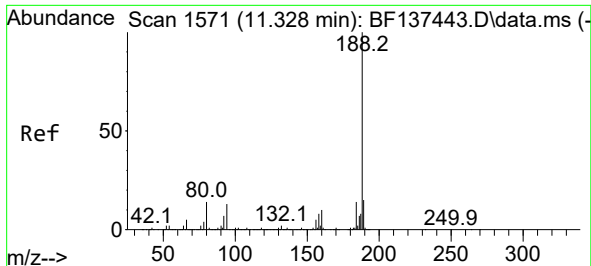
Tgt Ion:138 Resp: 329986
Ion Ratio Lower Upper
138 100
92 56.0 37.9 77.9
108 67.8 53.2 93.2



#63
Azobenzene
Concen: 42.665 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 77 Resp: 1678985
Ion Ratio Lower Upper
77 100
182 21.7 3.2 43.2
105 20.9 1.2 41.2
51 28.3 7.8 47.8

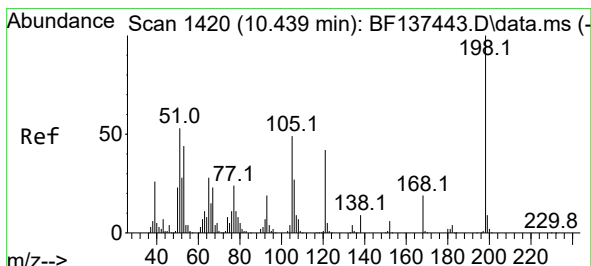
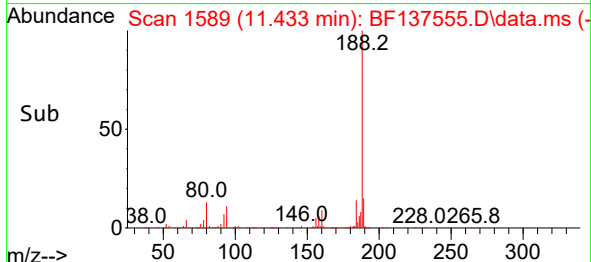
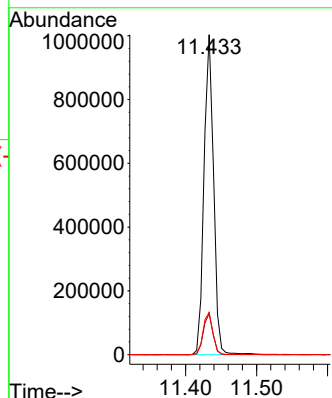
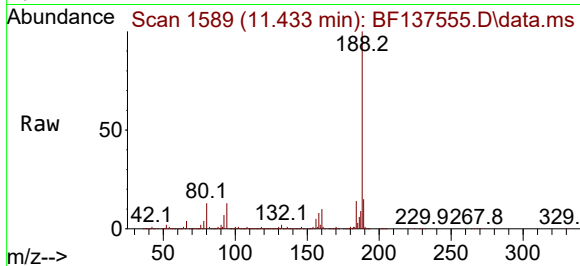




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

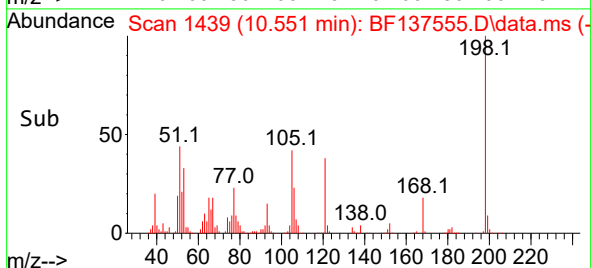
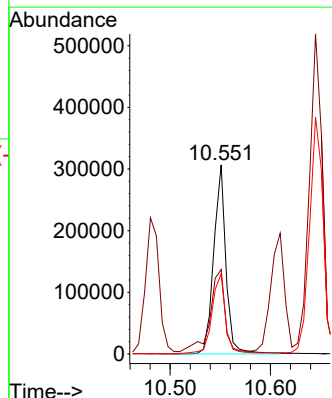
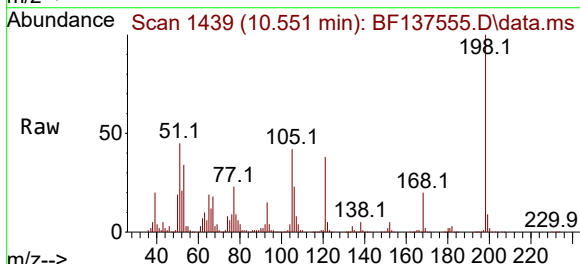
Instrument :
BNA_F
ClientSampleId :
PB159519BS

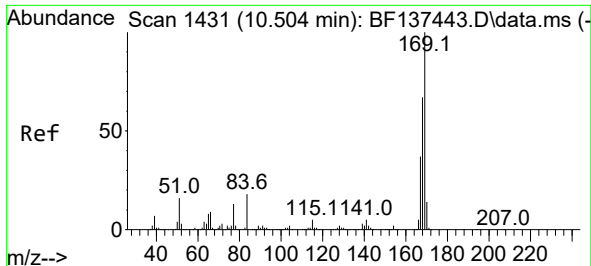
Tgt Ion:188 Resp: 944705
Ion Ratio Lower Upper
188 100
94 12.8 10.6 15.8
80 13.3 11.5 17.3



#65
4,6-Dinitro-2-methylphenol
Concen: 49.237 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:198 Resp: 259249
Ion Ratio Lower Upper
198 100
51 44.7 37.2 77.2
105 42.3 29.2 69.2

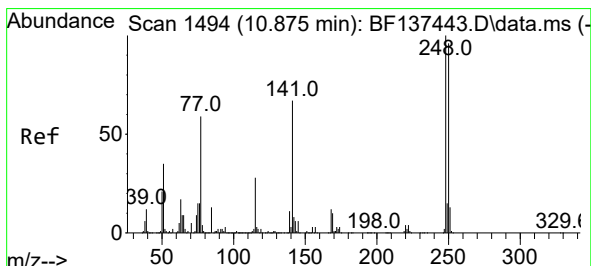
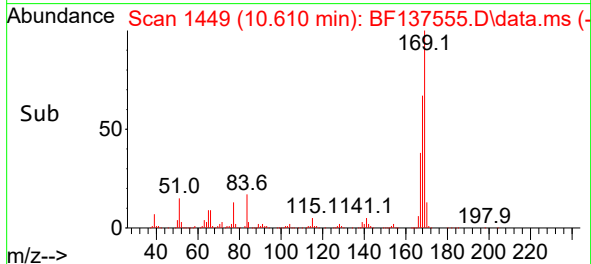
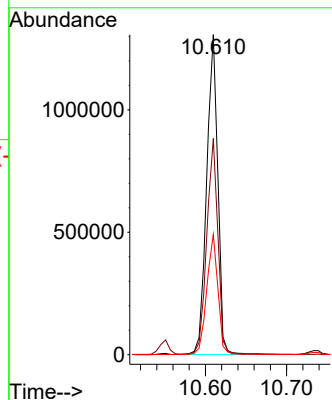
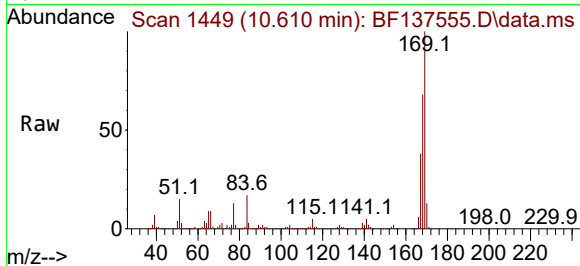




#66
n-Nitrosodiphenylamine
Concen: 40.879 ng
RT: 10.610 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

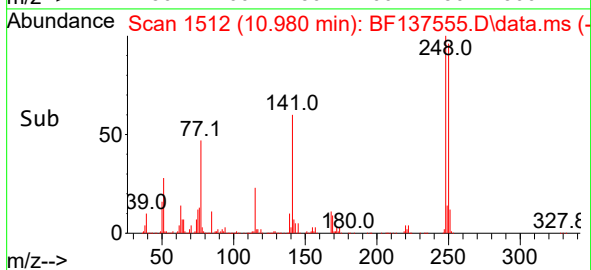
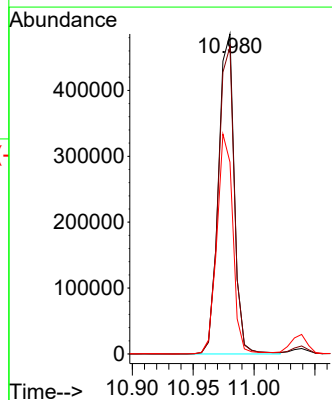
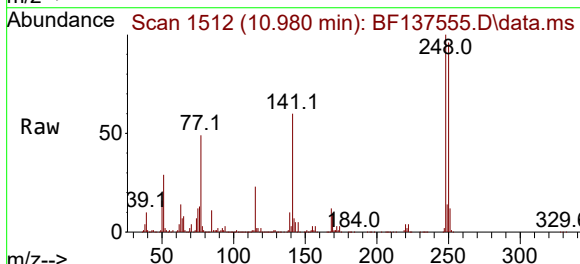
Instrument :
BNA_F
ClientSampleId :
PB159519BS

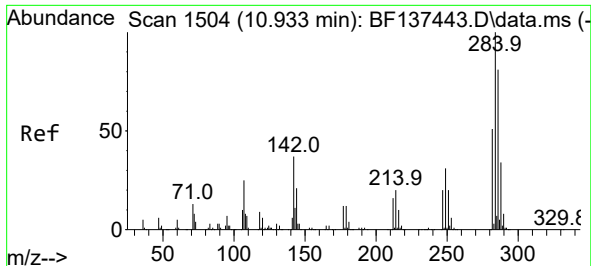
Tgt Ion:169 Resp: 1243572
Ion Ratio Lower Upper
169 100
168 67.6 53.8 80.6
167 37.6 29.6 44.4



#67
4-Bromophenyl-phenylether
Concen: 42.912 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:248 Resp: 441545
Ion Ratio Lower Upper
248 100
250 96.1 76.8 115.2
141 60.0 53.4 80.0

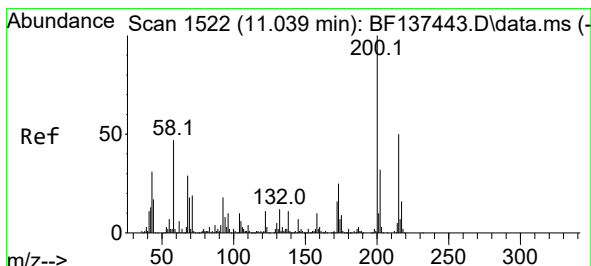
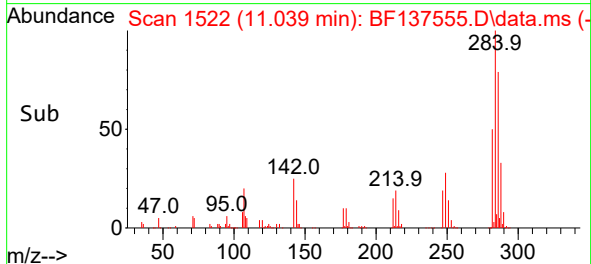
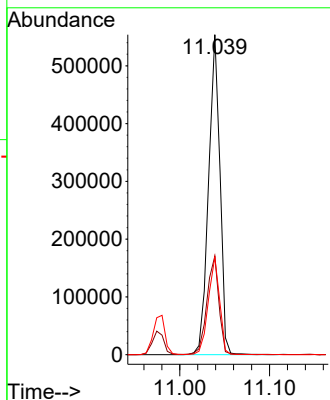
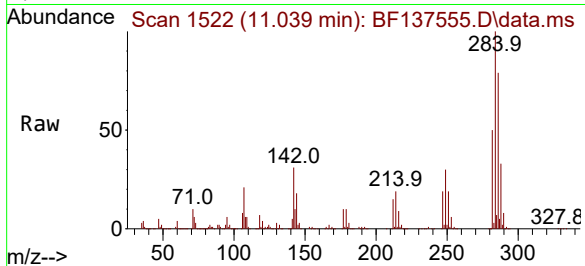




#68
Hexachlorobenzene
Concen: 46.907 ng
RT: 11.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

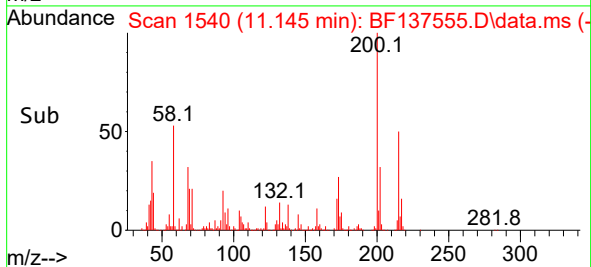
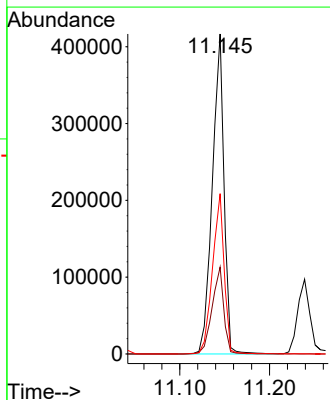
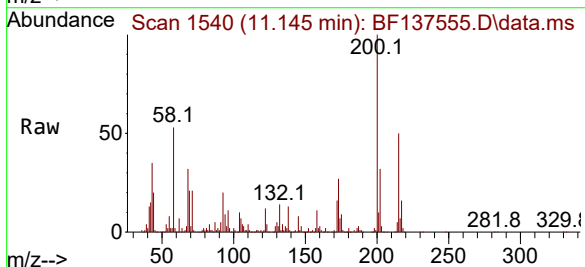
Instrument :
BNA_F
ClientSampleId :
PB159519BS

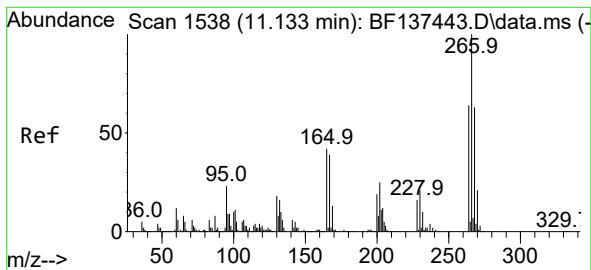
Tgt Ion:284 Resp: 487480
Ion Ratio Lower Upper
284 100
142 30.8 29.4 44.0
249 30.5 25.0 37.4



#69
Atrazine
Concen: 40.795 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:200 Resp: 377263
Ion Ratio Lower Upper
200 100
173 27.2 5.1 45.1
215 50.1 30.4 70.4





#70

Pentachlorophenol

Concen: 84.719 ng

RT: 11.239 min Scan# 1556

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

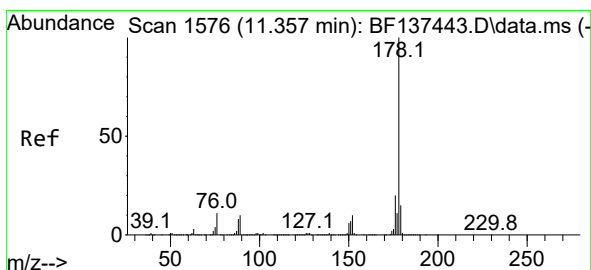
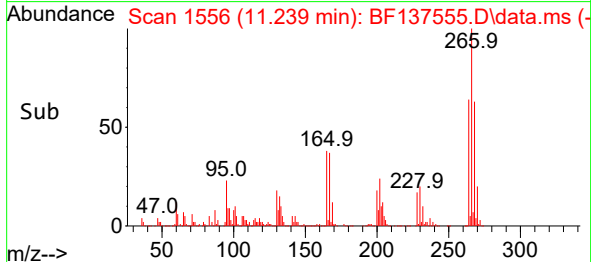
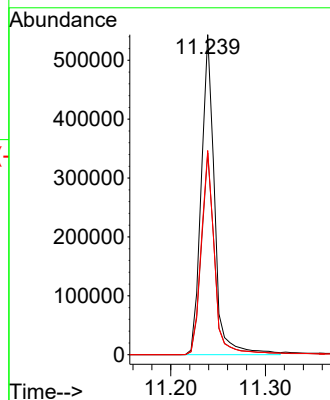
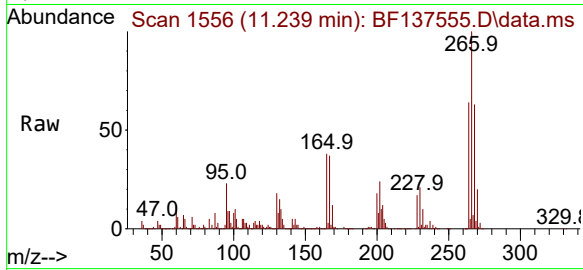
Tgt Ion:266 Resp: 532247

Ion Ratio Lower Upper

266 100

268 63.0 50.2 75.2

264 63.8 50.9 76.3



#71

Phenanthrene

Concen: 40.736 ng

RT: 11.463 min Scan# 1594

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

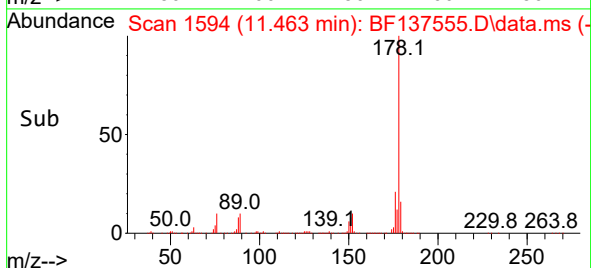
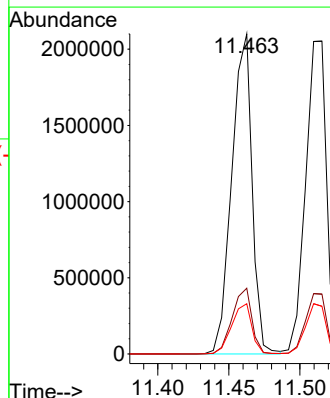
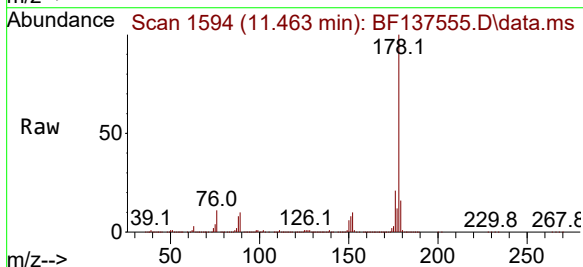
Tgt Ion:178 Resp: 2094372

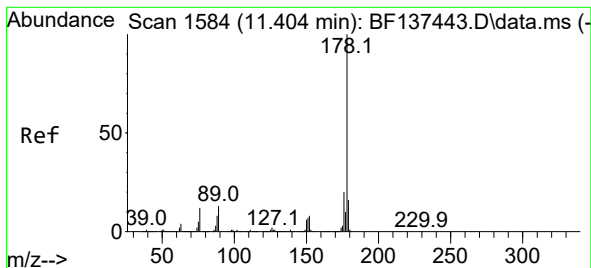
Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

179 15.7 12.2 18.2





#72

Anthracene

Concen: 40.821 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

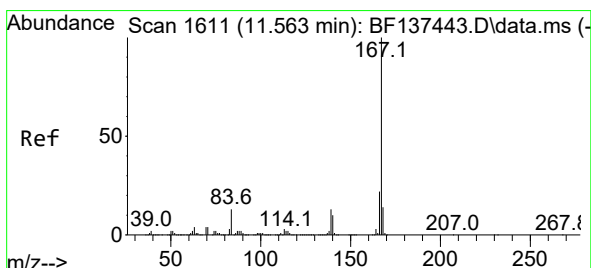
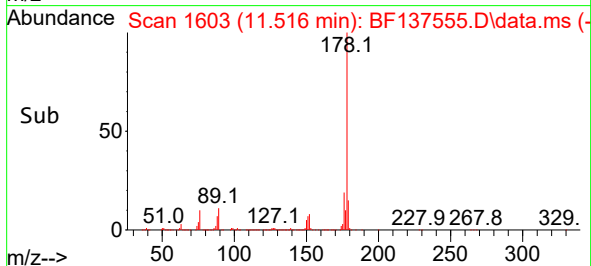
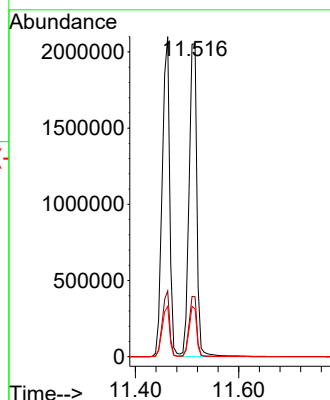
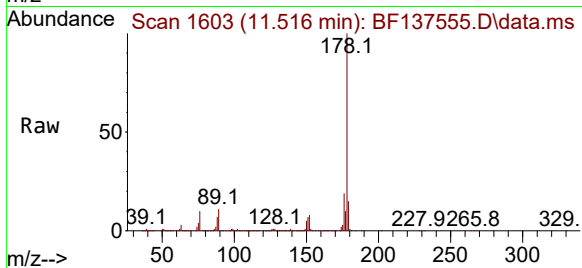
Tgt Ion:178 Resp: 2155520

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

179 15.3 12.7 19.1



#73

Carbazole

Concen: 42.522 ng

RT: 11.674 min Scan# 1630

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

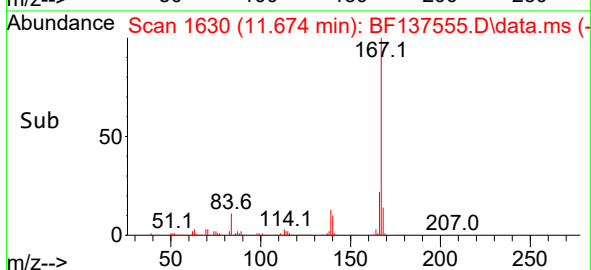
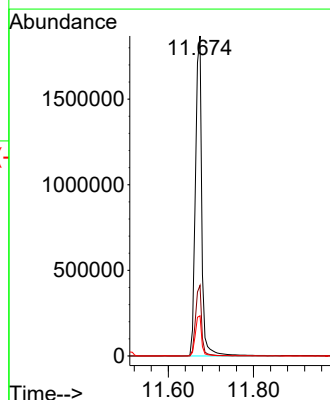
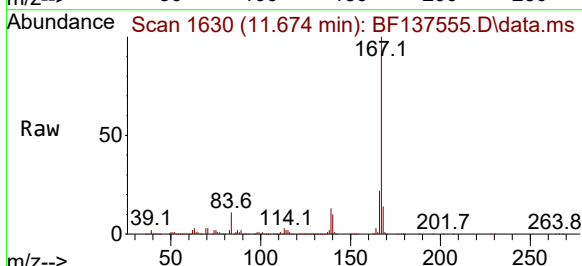
Tgt Ion:167 Resp: 1923255

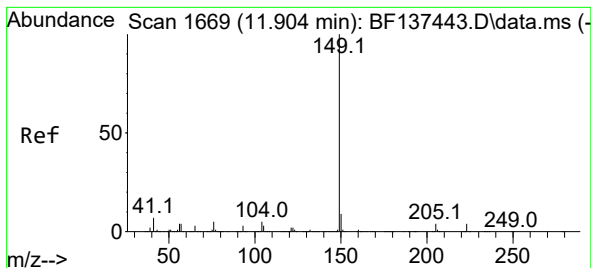
Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

139 12.6 10.5 15.7





#74

Di-n-butylphthalate

Concen: 43.074 ng

RT: 12.010 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

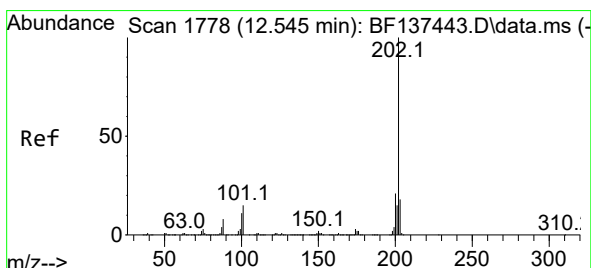
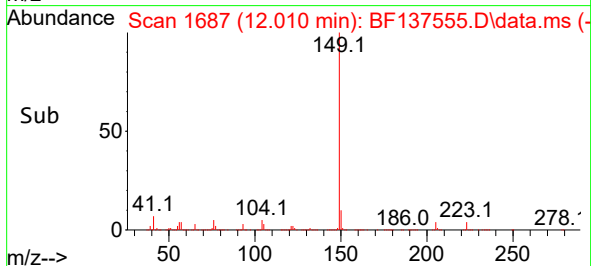
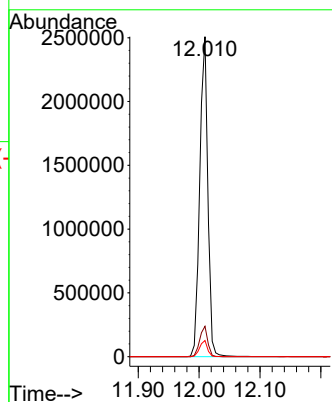
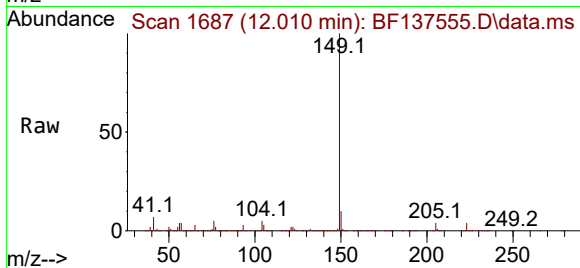
Tgt Ion:149 Resp: 2317968

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 5.1 3.8 5.6



#75

Fluoranthene

Concen: 41.972 ng

RT: 12.657 min Scan# 1797

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

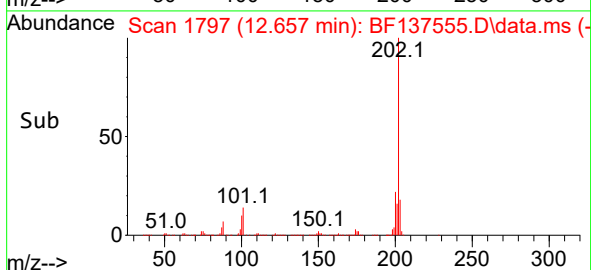
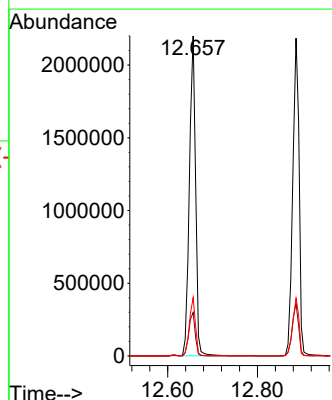
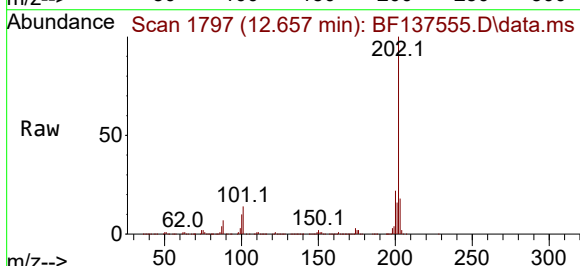
Tgt Ion:202 Resp: 2109273

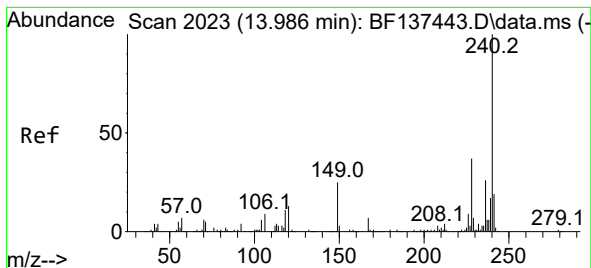
Ion Ratio Lower Upper

202 100

101 13.6 0.0 35.0

203 18.3 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

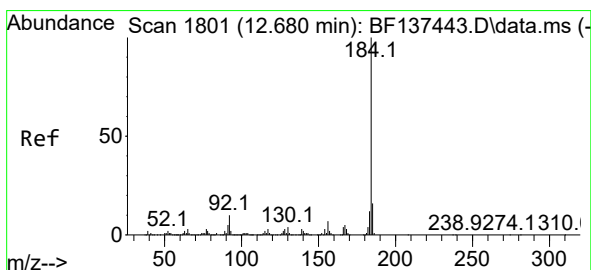
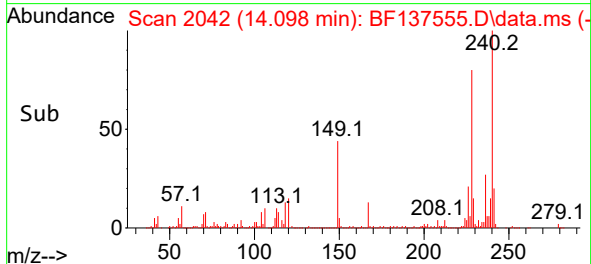
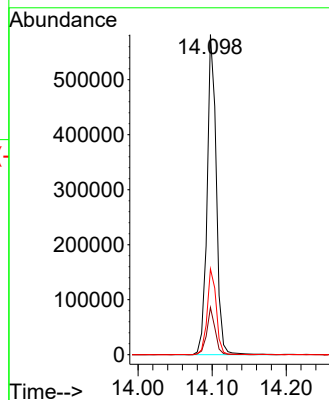
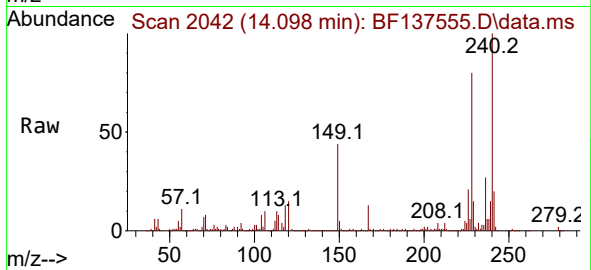
Tgt Ion:240 Resp: 501907

Ion Ratio Lower Upper

240 100

120 14.8 10.4 15.6

236 26.8 20.9 31.3



#77

Benzidine

Concen: 23.254 ng

RT: 12.786 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

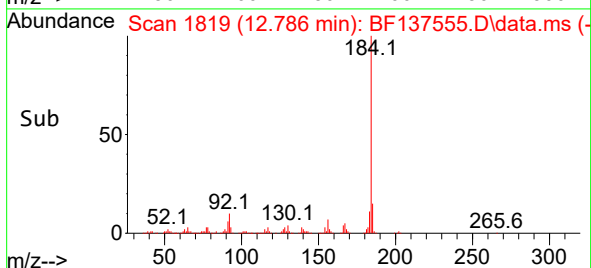
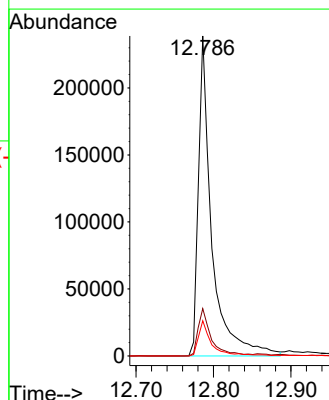
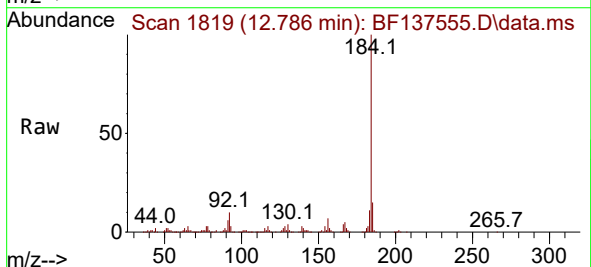
Tgt Ion:184 Resp: 285620

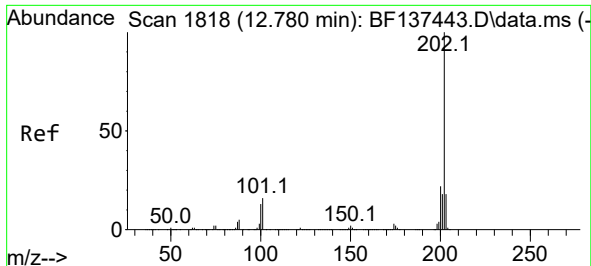
Ion Ratio Lower Upper

184 100

185 14.8 13.2 19.8

183 11.0 9.3 13.9

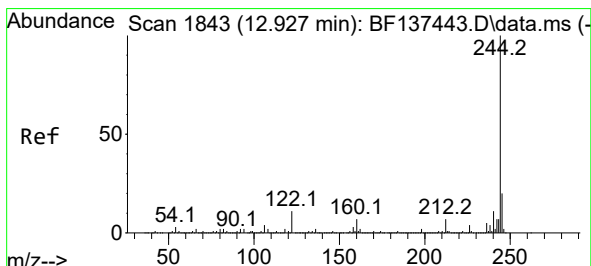
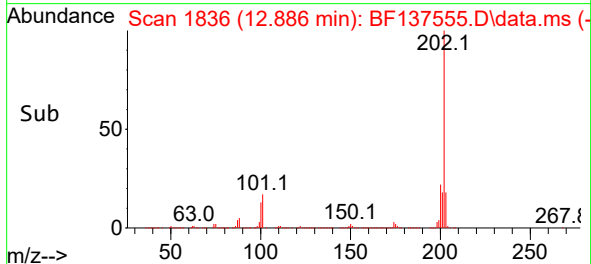
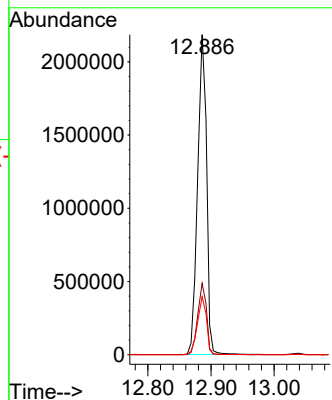
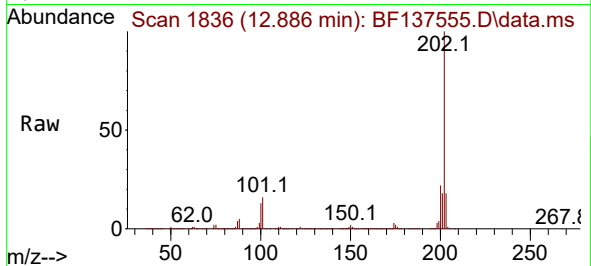




#78
 Pyrene
 Concen: 43.662 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF137555.D
 Acq: 11 Mar 2024 14:11

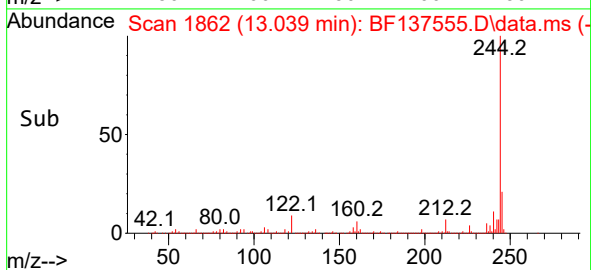
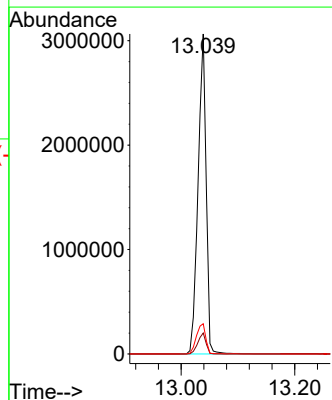
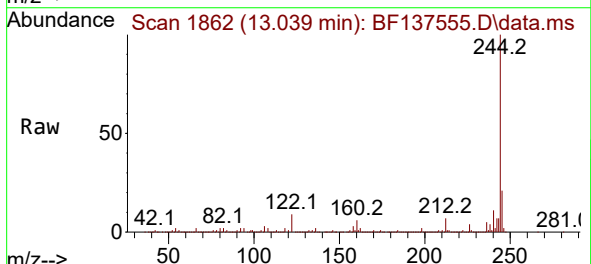
Instrument :
 BNA_F
 ClientSampleId :
 PB159519BS

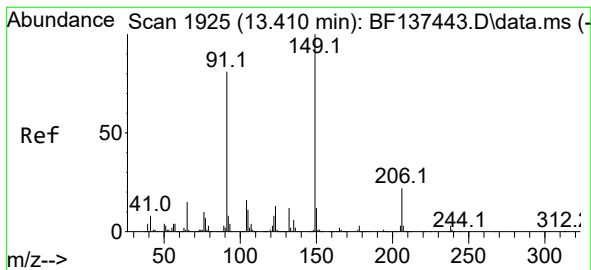
Tgt Ion:202 Resp: 2150265
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.4 26.2
 203 18.2 14.1 21.1



#79
 Terphenyl-d14
 Concen: 83.412 ng
 RT: 13.039 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: BF137555.D
 Acq: 11 Mar 2024 14:11

Tgt Ion:244 Resp: 3044484
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 9.4 9.1 13.7





#80

Butylbenzylphthalate

Concen: 58.293 ng

RT: 13.521 min Scan# 1925

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

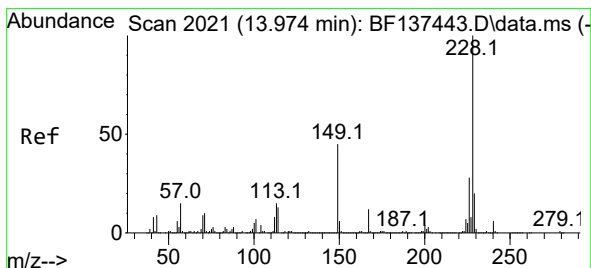
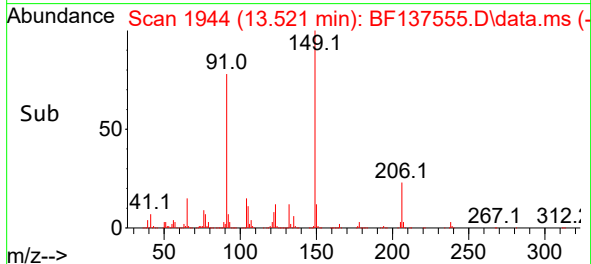
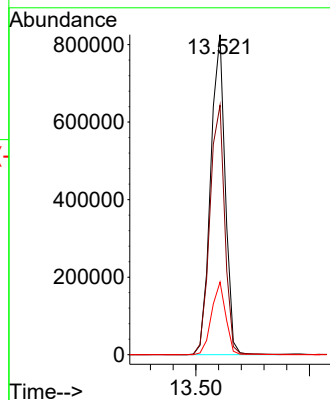
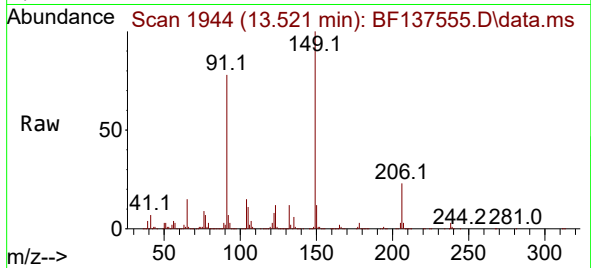
Tgt Ion:149 Resp: 733166

Ion Ratio Lower Upper

149 100

91 78.0 64.7 97.1

206 22.7 17.5 26.3



#81

Benzo(a)anthracene

Concen: 45.107 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

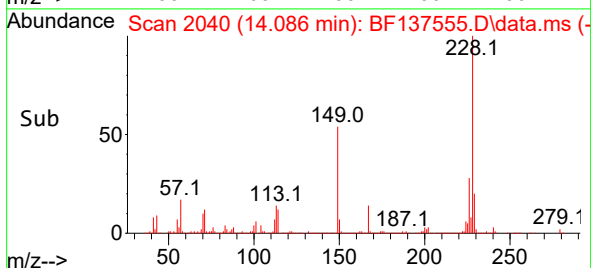
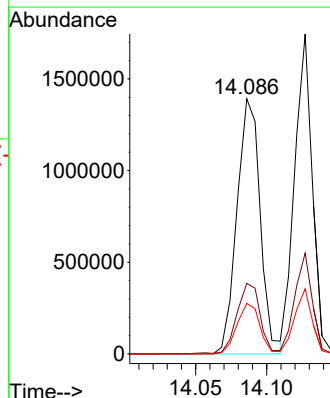
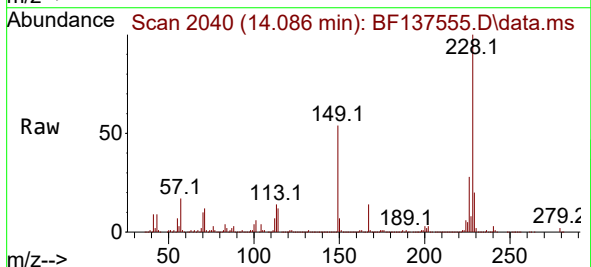
Tgt Ion:228 Resp: 1586777

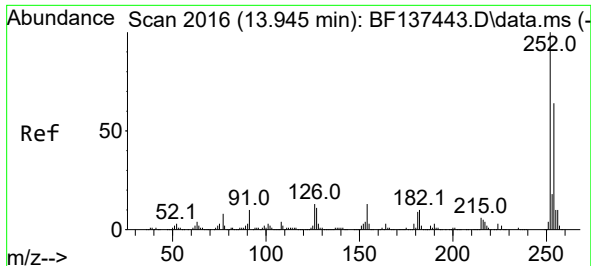
Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

229 19.8 16.3 24.5





#82

3,3'-Dichlorobenzidine

Concen: 36.900 ng

RT: 14.057 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

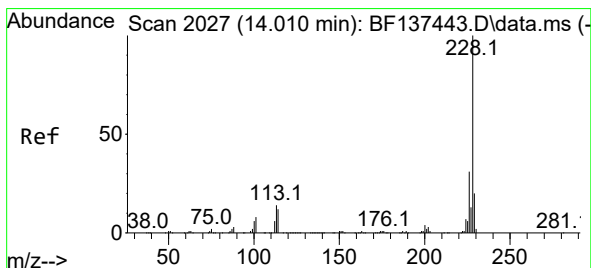
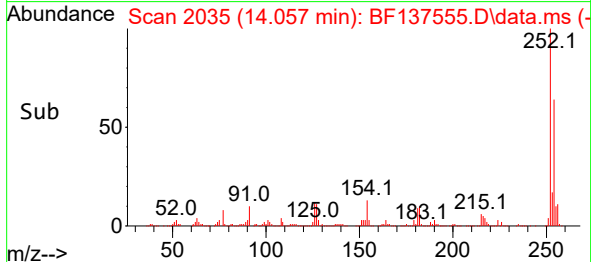
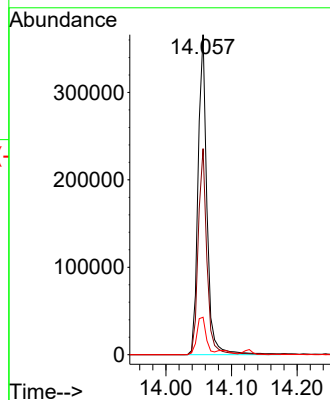
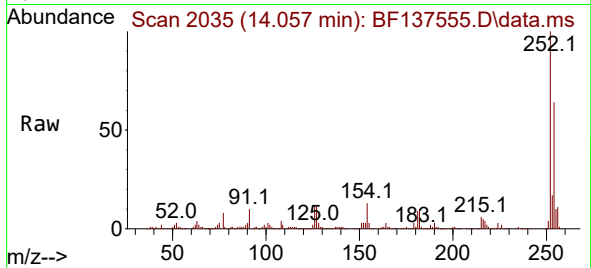
Tgt Ion:252 Resp: 345676

Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.2

126 11.7 10.4 15.6



#83

Chrysene

Concen: 43.320 ng

RT: 14.127 min Scan# 2047

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

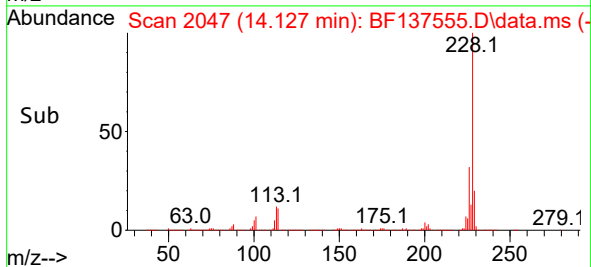
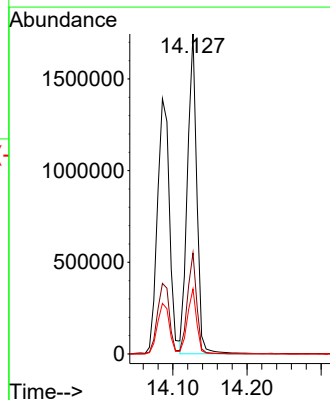
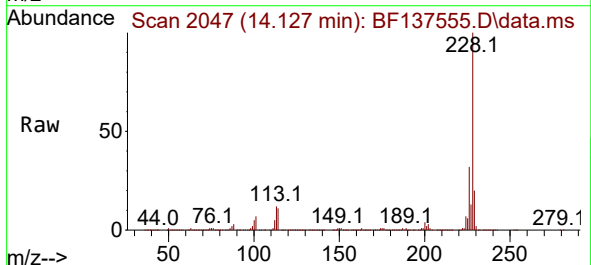
Tgt Ion:228 Resp: 1540223

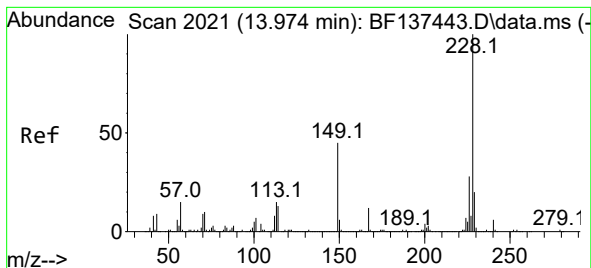
Ion Ratio Lower Upper

228 100

226 31.6 24.7 37.1

229 20.3 15.9 23.9

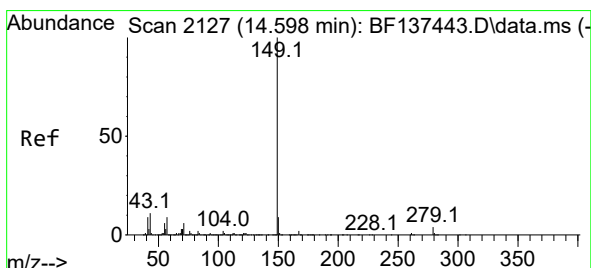
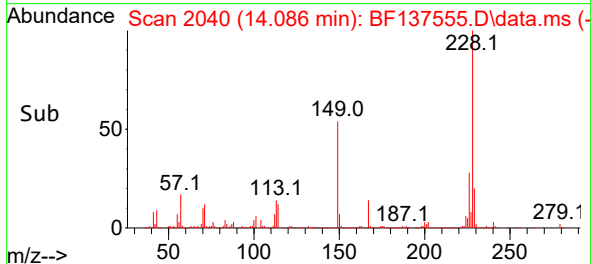
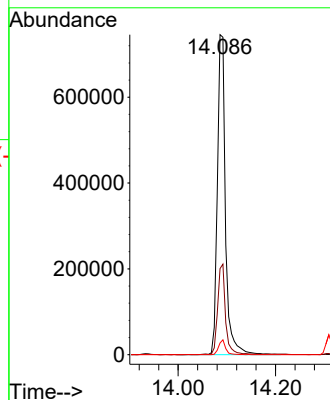
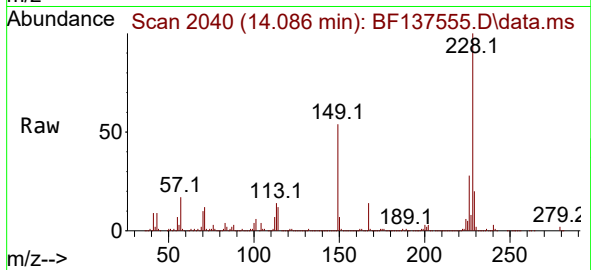




#84
Bis(2-ethylhexyl)phthalate
Concen: 53.715 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

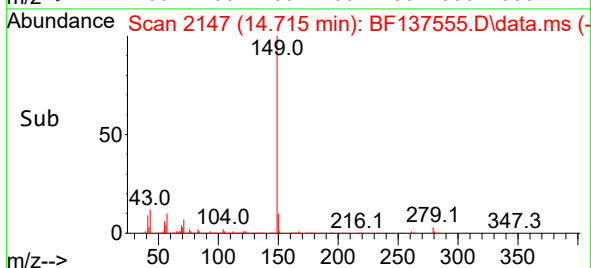
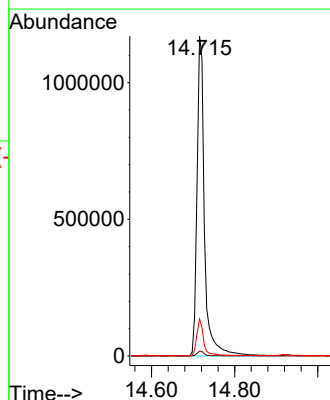
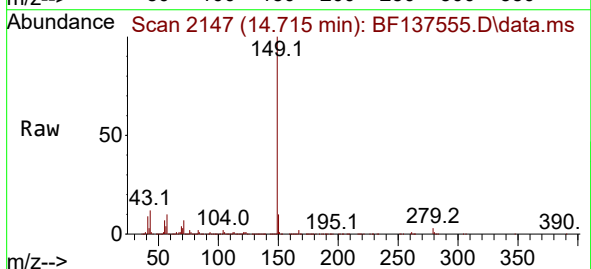
Instrument :
BNA_F
ClientSampleId :
PB159519BS

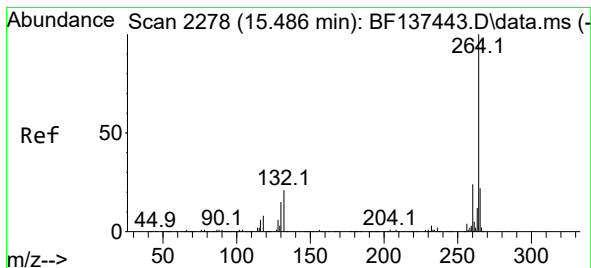
Tgt Ion:149 Resp: 858703
Ion Ratio Lower Upper
149 100
167 26.9 21.3 31.9
279 3.7 2.6 4.0



#85
Di-n-octyl phthalate
Concen: 47.639 ng
RT: 14.715 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:149 Resp: 1466282
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.8 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

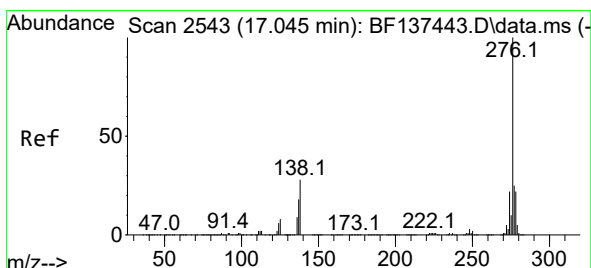
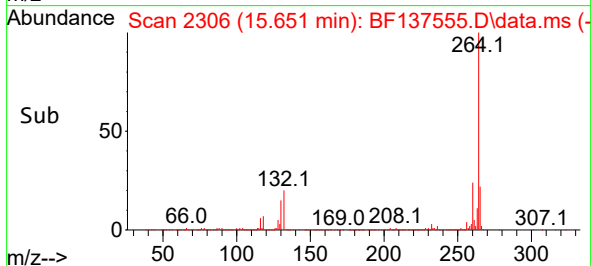
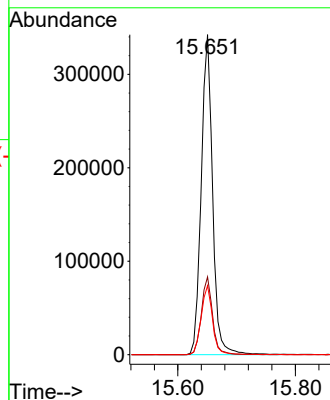
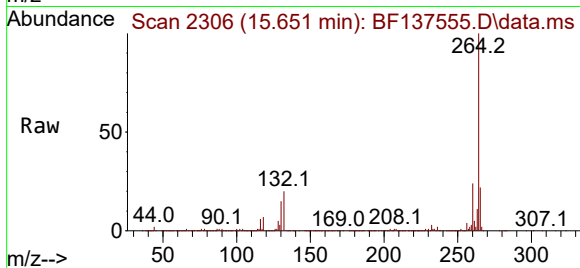
Tgt Ion:264 Resp: 458087

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 21.6 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 47.472 ng

RT: 17.292 min Scan# 2585

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

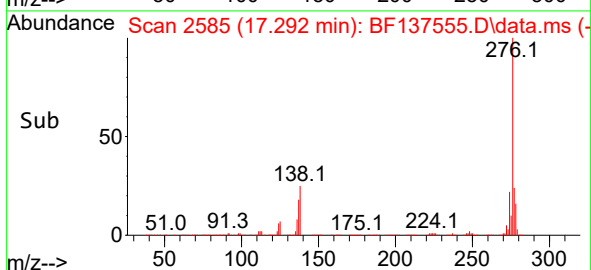
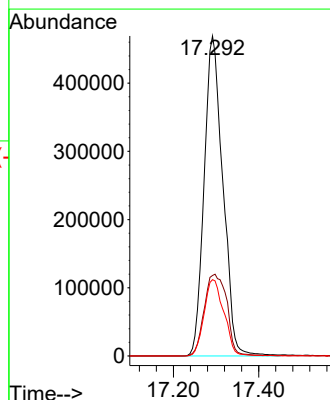
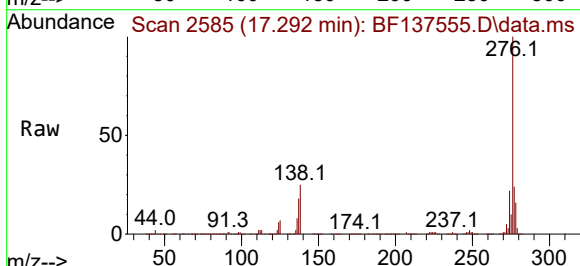
Tgt Ion:276 Resp: 1431063

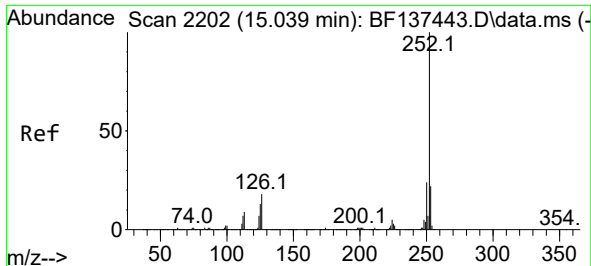
Ion Ratio Lower Upper

276 100

138 30.9 25.8 38.8

277 25.3 20.2 30.2

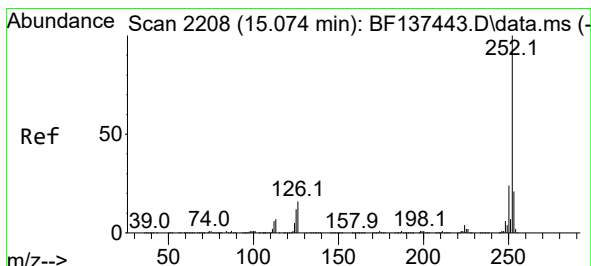
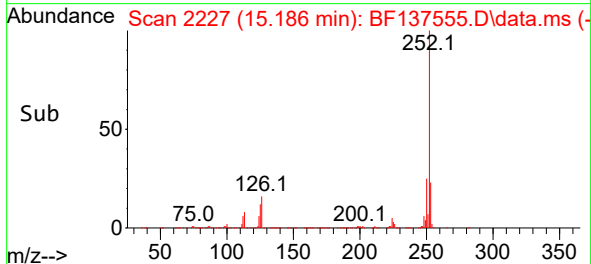
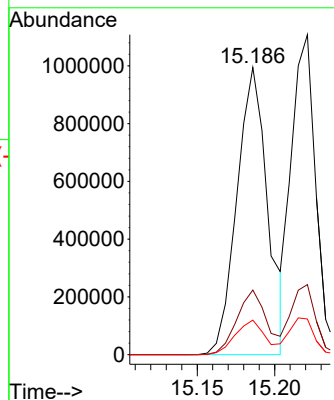
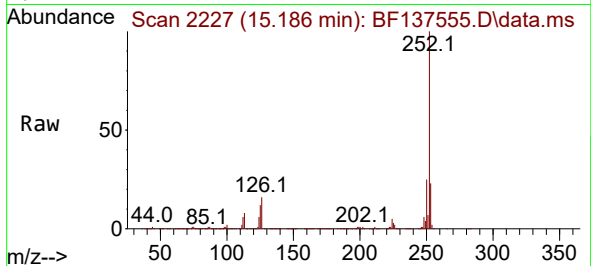




#88
Benzo(b)fluoranthene
Concen: 50.709 ng
RT: 15.186 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

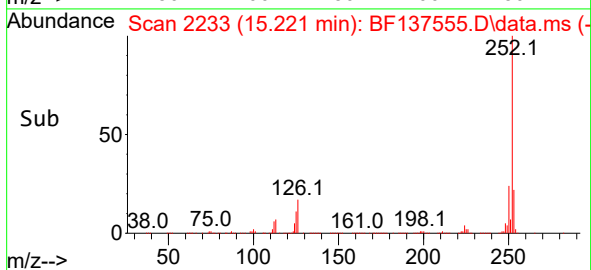
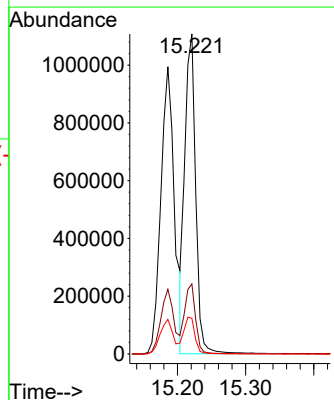
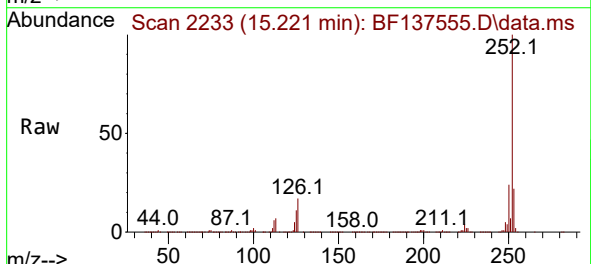
Instrument :
BNA_F
ClientSampleId :
PB159519BS

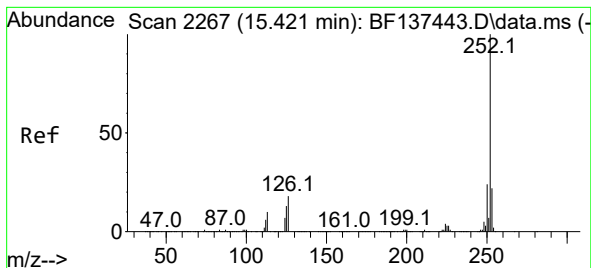
Tgt Ion:252 Resp: 1374107
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 12.0 10.1 15.1



#89
Benzo(k)fluoranthene
Concen: 42.114 ng
RT: 15.221 min Scan# 2233
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:252 Resp: 1225757
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 11.2 9.6 14.4





#90

Benzo(a)pyrene

Concen: 44.760 ng

RT: 15.586 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

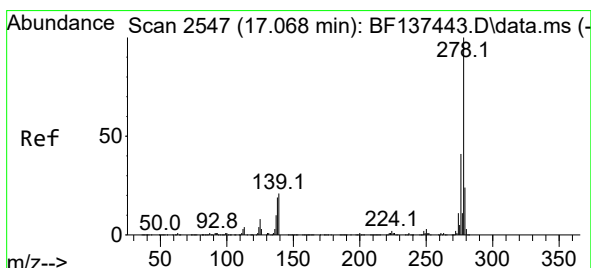
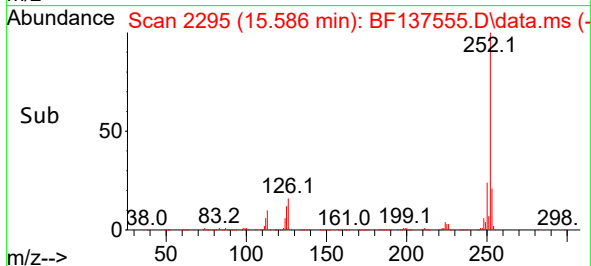
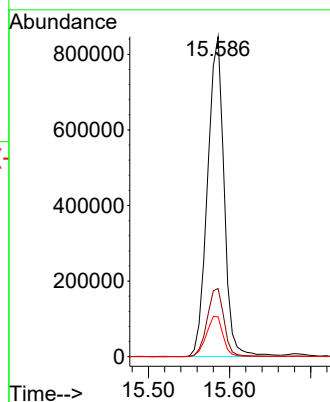
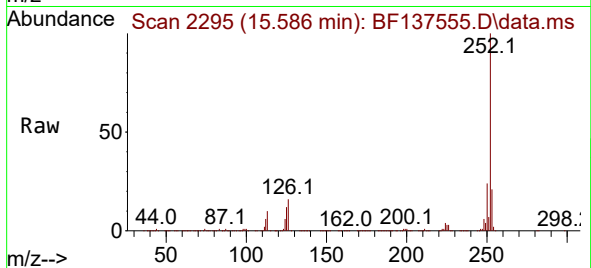
Tgt Ion:252 Resp: 1195251

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 12.4 10.4 15.6



#91

Dibenzo(a,h)anthracene

Concen: 47.363 ng

RT: 17.321 min Scan# 2590

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

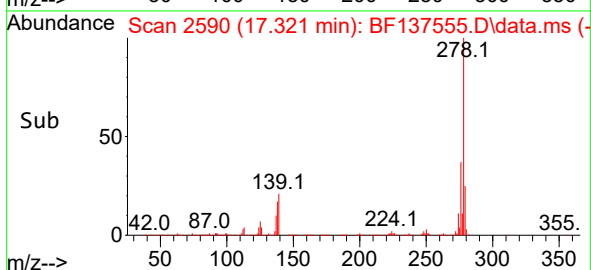
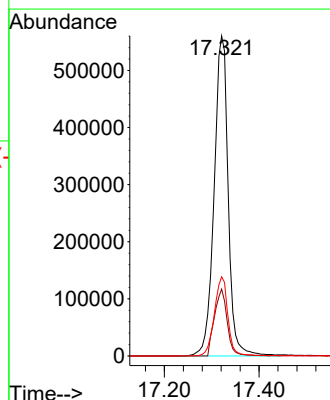
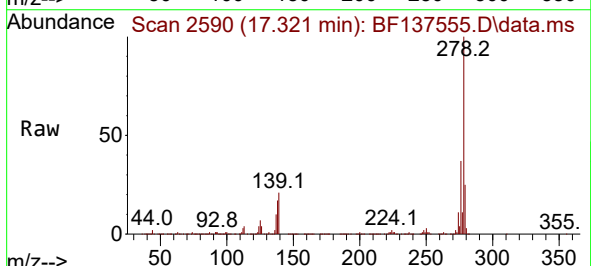
Tgt Ion:278 Resp: 1158223

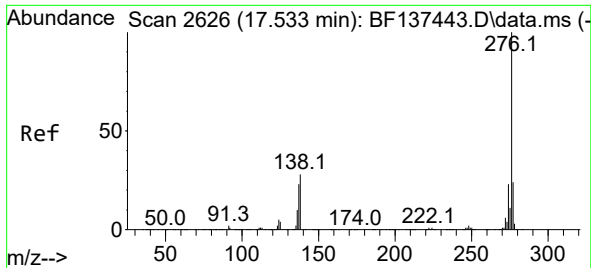
Ion Ratio Lower Upper

278 100

139 20.9 17.0 25.6

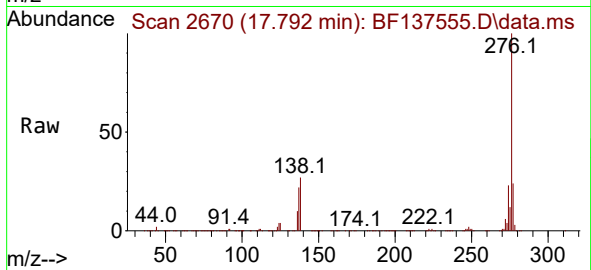
279 24.7 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 46.039 ng
 RT: 17.792 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF137555.D
 Acq: 11 Mar 2024 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB159519BS



Tgt Ion:276 Resp: 1156228
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.0 28.4
 138 26.9 22.2 33.2

