

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022924\
 Data File : BF137444.D
 Acq On : 29 Feb 2024 16:13
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Mar 01 02:59:06 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 02:54:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.80
21) Naphthalene-d8	8.151	136	813899	20.000	ng	0.07
39) Acenaphthene-d10	9.910	164	455809	20.000	ng	0.07
64) Phenanthrene-d10	11.404	188	761538	20.000	ng	0.08
76) Chrysene-d12	14.068	240	391785	20.000	ng	0.08
86) Perylene-d12	15.598	264	377433	20.000	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1381413	0.000	ng	0.10
7) Phenol-d6	6.528	99	1919244	0.000	ng	0.08
23) Nitrobenzene-d5	7.445	82	1736142	99.113	ng	0.08
42) 2,4,6-Tribromophenol	10.710	330	395207	98.733	ng	0.08
45) 2-Fluorobiphenyl	9.233	172	2635923	90.524	ng	0.07
79) Terphenyl-d14	13.010	244	2823201	99.090	ng	0.08
Target Compounds						
						Qvalue
22) Acetophenone	7.292	105	949798	48.231	ng	97
24) Nitrobenzene	7.463	77	894233	50.819	ng	99
25) Isophorone	7.698	82	1641218	49.317	ng	100
26) 2-Nitrophenol	7.769	139	371639	53.197	ng	96
27) 2,4-Dimethylphenol	7.810	122	649242	49.737	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	969193	49.637	ng	100
29) 2,4-Dichlorophenol	8.016	162	604824	50.485	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	615192	48.796	ng	99
31) Naphthalene	8.175	128	2092265	47.912	ng	100
32) Benzoic acid	7.957	122	370825	50.236	ng	98
33) 4-Chloroaniline	8.228	127	875470	51.127	ng	97
34) Hexachlorobutadiene	8.292	225	359900	48.353	ng	99
35) Caprolactam	8.610	113	206986	50.926	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	661642	49.408	ng	97
37) 2-Methylnaphthalene	8.869	142	1329720	47.766	ng	99
38) 1-Methylnaphthalene	8.963	142	1231713	46.983	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	618388	48.596	ng	99
41) Hexachlorocyclopentadiene	9.016	237	240138	58.690	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	414464	50.016	ng	99
44) 2,4,5-Trichlorophenol	9.186	196	474826	49.742	ng	97
46) 1,1'-Biphenyl	9.333	154	1571436	47.104	ng	99
47) 2-Chloronaphthalene	9.357	162	1216356	47.822	ng	99
48) 2-Nitroaniline	9.457	65	468529	54.195	ng	91
49) Acenaphthylene	9.774	152	1913279	47.004	ng	100
50) Dimethylphthalate	9.645	163	1512415	47.666	ng	99
51) 2,6-Dinitrotoluene	9.704	165	333084	50.189	ng	94
52) Acenaphthene	9.945	154	1136249	46.757	ng	99
53) 3-Nitroaniline	9.874	138	367521	52.355	ng	98
54) 2,4-Dinitrophenol	9.974	184	149685	59.156	ng	91
55) Dibenzofuran	10.122	168	1723644	46.569	ng	99
56) 4-Nitrophenol	10.039	139	245879	56.704	ng	98
57) 2,4-Dinitrotoluene	10.110	165	421590	51.706	ng	99
58) Fluorene	10.463	166	1286790	45.270	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	375328	48.656	ng	92
60) Diethylphthalate	10.345	149	1423912	47.522	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	642142	46.095	ng	97

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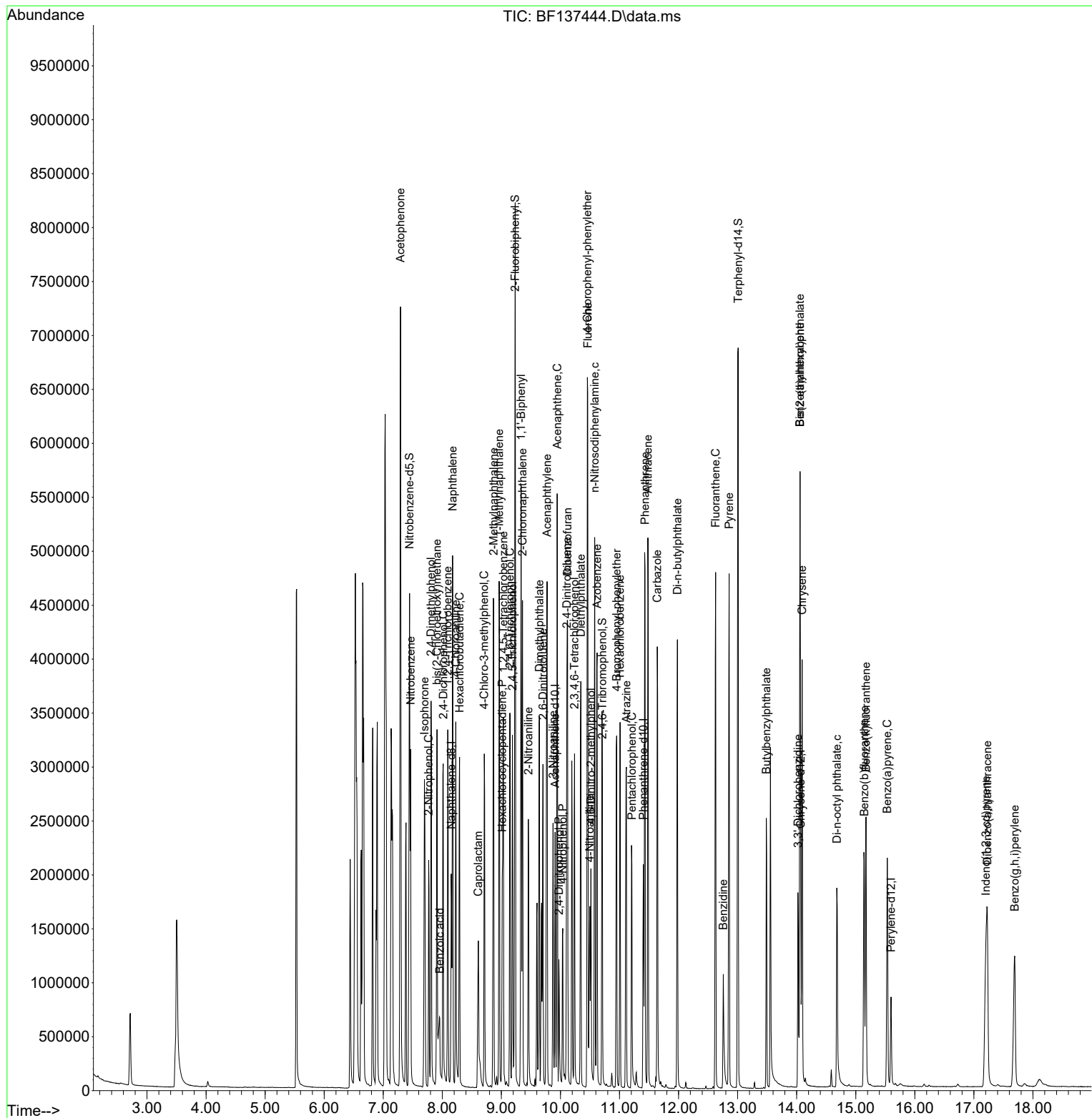
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 4-Nitroaniline	10.498	138	315652	54.437	ng	96
63) Azobenzene	10.621	77	1655066	47.970	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	229824	54.147	ng	99
66) n-Nitrosodiphenylamine	10.580	169	1189515	48.507	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	412153	49.690	ng	98
68) Hexachlorobenzene	11.010	284	413523	49.361	ng	96
69) Atrazine	11.116	200	371636	49.852	ng	99
70) Pentachlorophenol	11.210	266	270831	53.477	ng	98
71) Phenanthrene	11.433	178	1971858	47.578	ng	99
72) Anthracene	11.480	178	2065587	48.527	ng	100
73) Carbazole	11.639	167	1772628	48.618	ng	100
74) Di-n-butylphthalate	11.980	149	2124515	48.975	ng	99
75) Fluoranthene	12.627	202	1912701	47.214	ng	98
77) Benzidine	12.757	184	529981	55.878	ng	99
78) Pyrene	12.857	202	1928850	50.174	ng	99
80) Butylbenzylphthalate	13.486	149	529145	53.897	ng	95
81) Benzo(a)anthracene	14.057	228	1351950	49.234	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	390226	53.364	ng	99
83) Chrysene	14.092	228	1355514	48.841	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	653940	52.405	ng	99
85) Di-n-octyl phthalate	14.680	149	1146318	52.227	ng	100
87) Indeno(1,2,3-cd)pyrene	17.203	276	1278901	51.490	ng	99
88) Benzo(b)fluoranthene	15.145	252	1099875	49.263	ng	98
89) Benzo(k)fluoranthene	15.174	252	1148525	47.893	ng	99
90) Benzo(a)pyrene	15.533	252	1098986	49.950	ng	100
91) Dibenzo(a,h)anthracene	17.227	278	1038798	51.557	ng	99
92) Benzo(g,h,i)perylene	17.692	276	1068514	51.638	ng	99

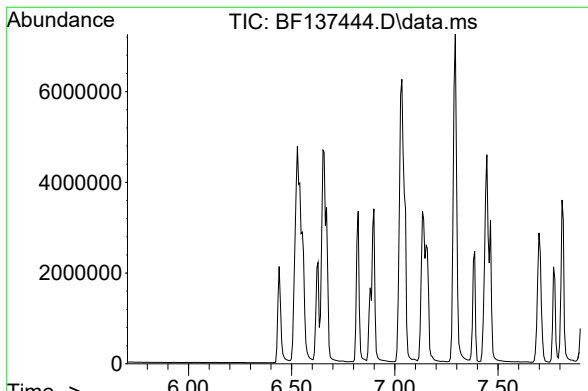
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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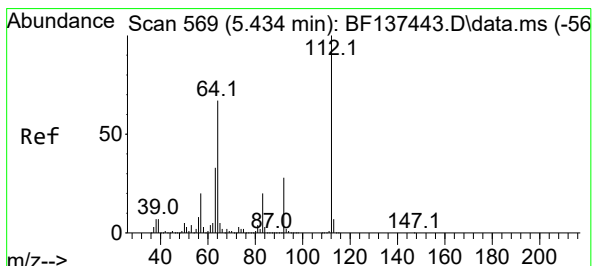
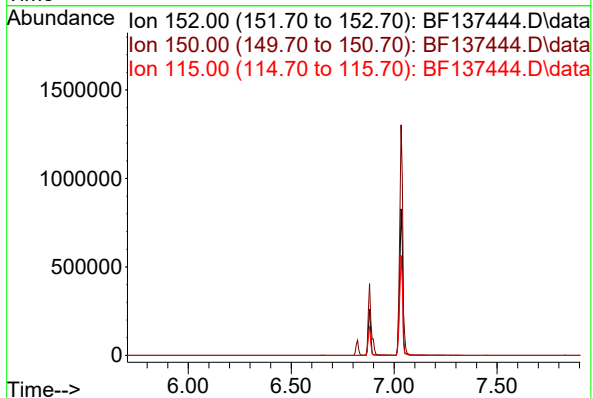




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.80 min
 Lab File: BF137444.D
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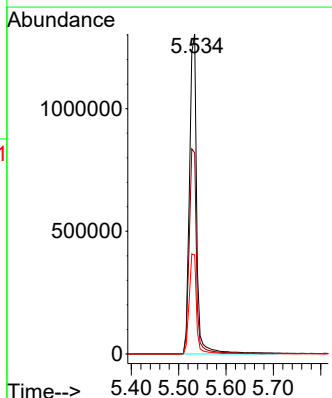
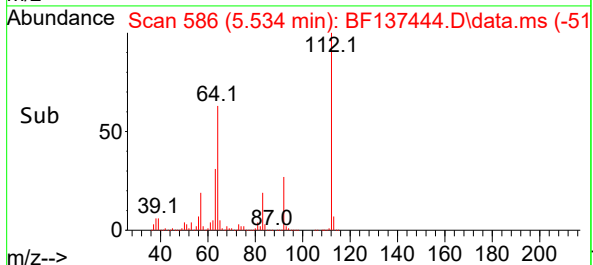
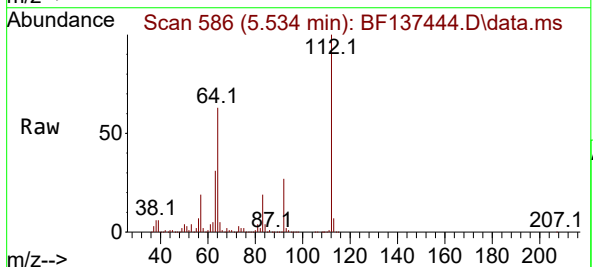
Instrument :
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 ClientSampleId :
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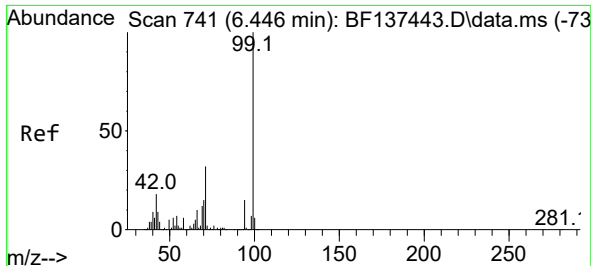
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 157.2
 115 61.0



#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.534 min Scan# 586
 Delta R.T. 0.100 min
 Lab File: BF137444.D
 Acq: 29 Feb 2024 16:13

Tgt Ion: 112 Resp: 1381413
 Ion Ratio Lower Upper
 112 100
 64 62.8 53.4 80.2
 63 31.0 26.2 39.2

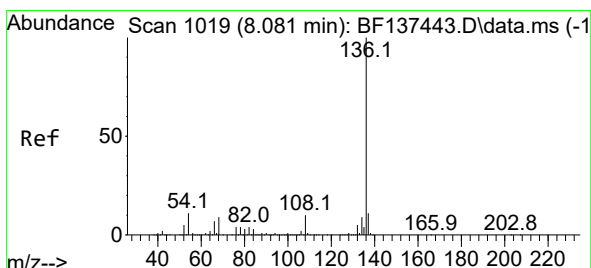
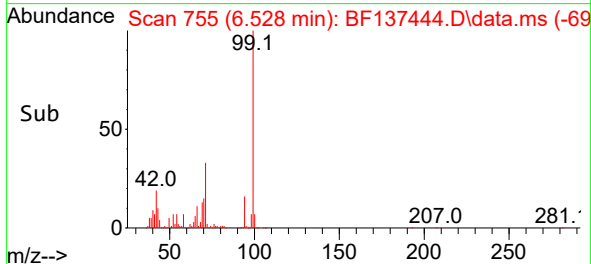
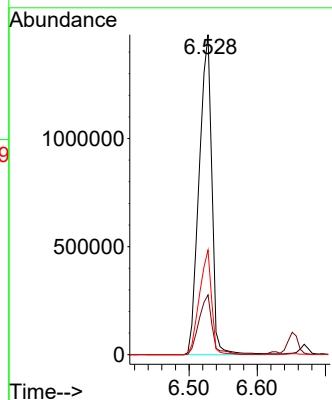
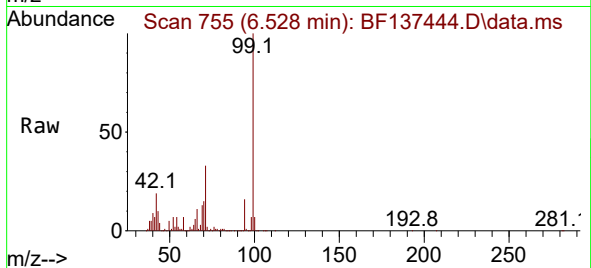




#7
Phenol-d6
Concen: 0.000 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.082 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

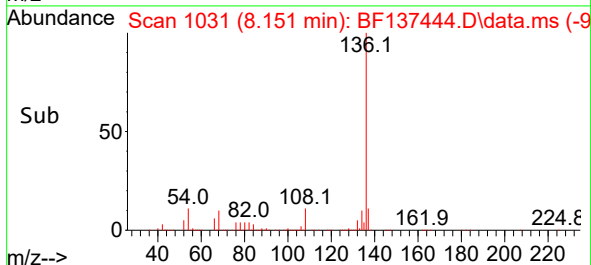
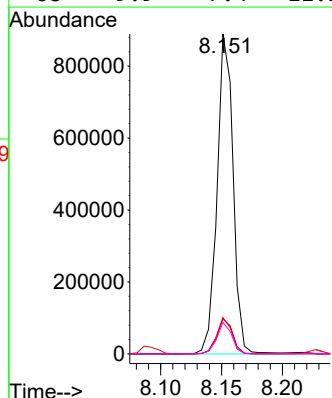
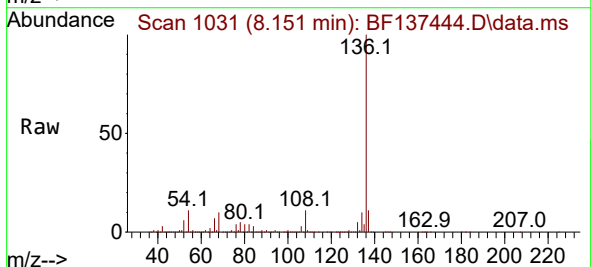
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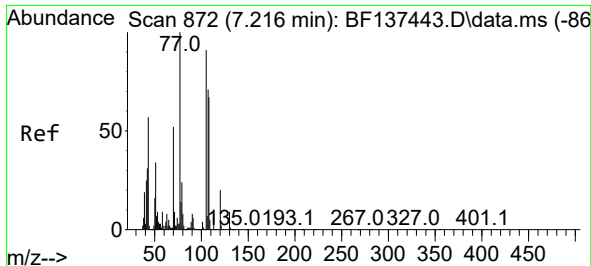
Tgt Ion: 99 Resp: 1919244
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 32.7 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.070 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion: 136 Resp: 813899
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 11.4 8.5 12.7
68 9.9 7.4 11.2

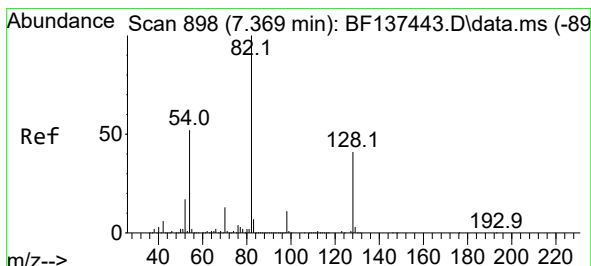
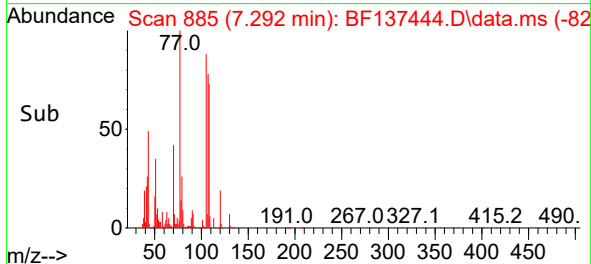
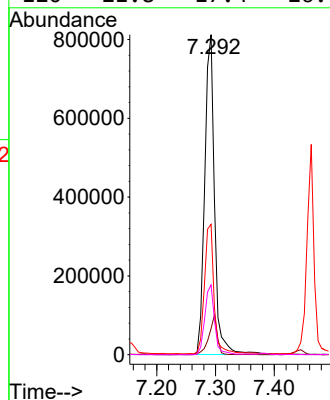
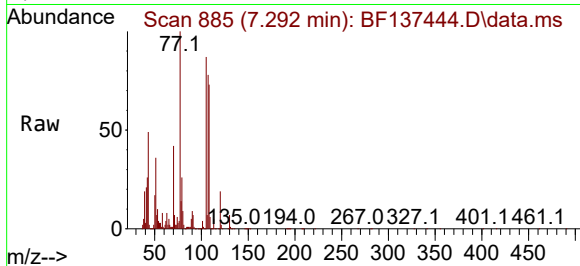




#22
Acetophenone
Concen: 48.231 ng
RT: 7.292 min Scan# 811
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

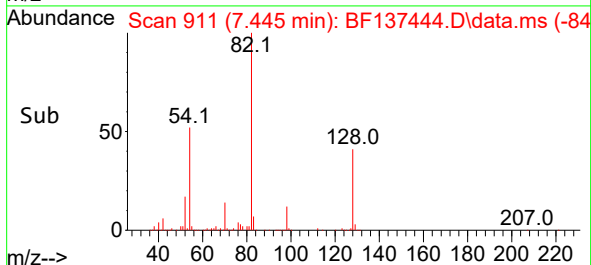
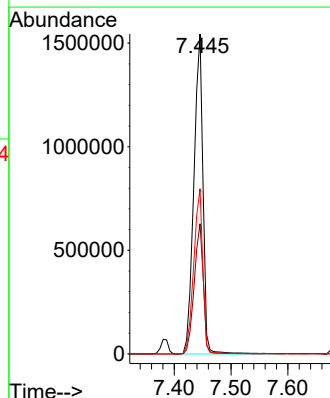
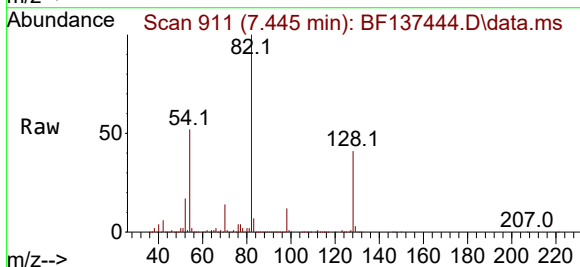
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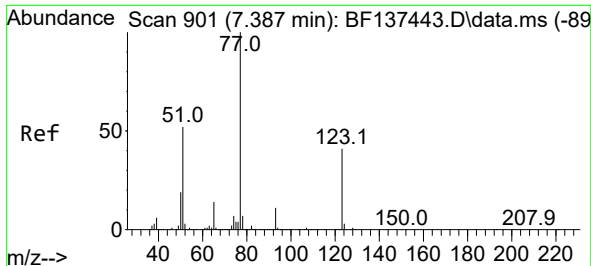
Tgt Ion:105 Resp: 949798
Ion Ratio Lower Upper
105 100
71 8.2 7.7 11.5
51 40.8 30.4 45.6
120 21.8 17.4 26.0



#23
Nitrobenzene-d5
Concen: 99.113 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion: 82 Resp: 1736142
Ion Ratio Lower Upper
82 100
128 40.7 32.5 48.7
54 51.6 41.5 62.3

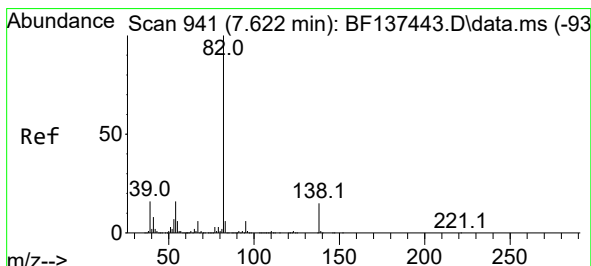
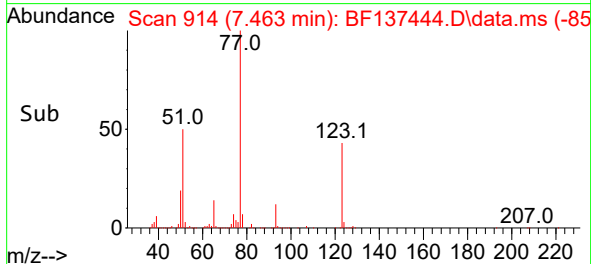
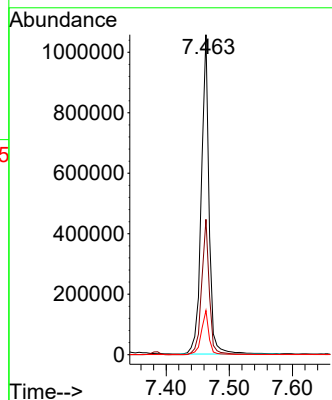
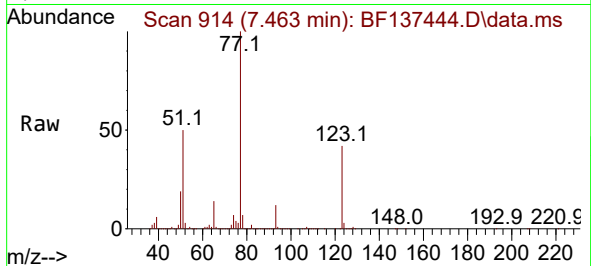




#24
Nitrobenzene
Concen: 50.819 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

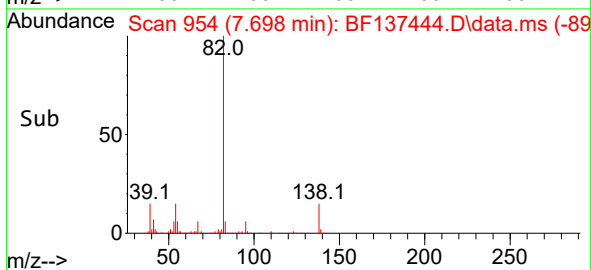
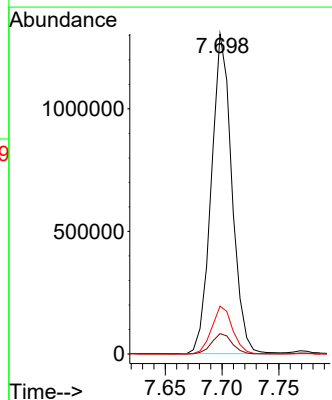
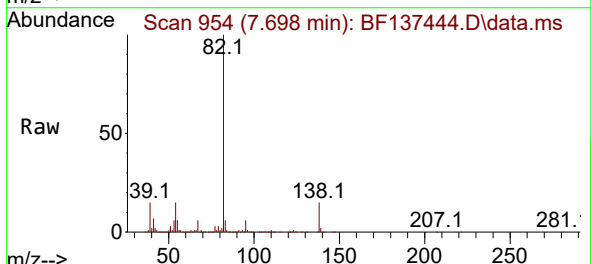
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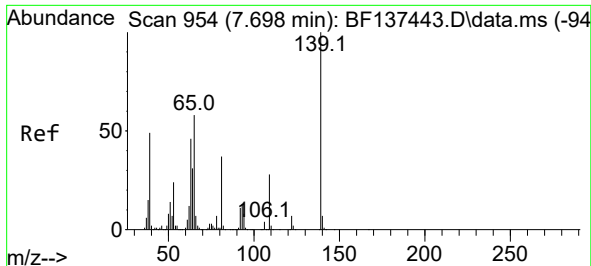
Tgt Ion: 77 Resp: 894233
Ion Ratio Lower Upper
77 100
123 42.3 33.0 49.6
65 13.8 10.9 16.3



#25
Isophorone
Concen: 49.317 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion: 82 Resp: 1641218
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 15.0 11.8 17.8

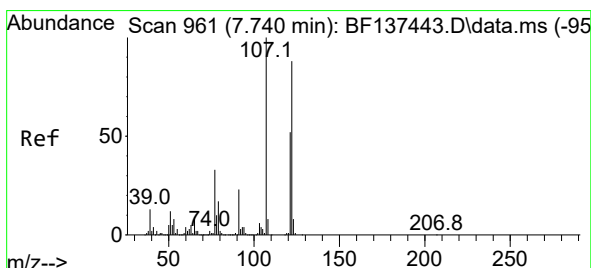
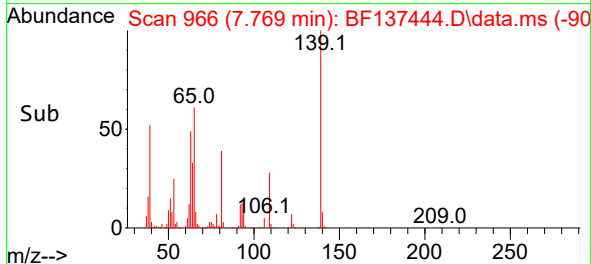
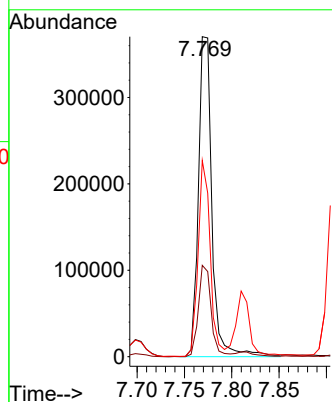
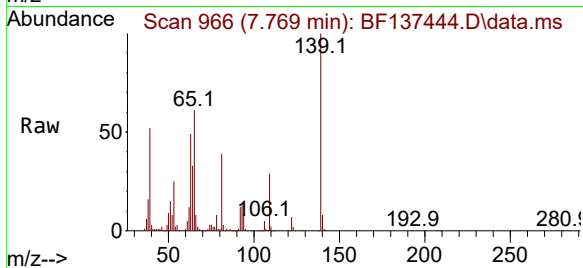




#26
2-Nitrophenol
Concen: 53.197 ng
RT: 7.769 min Scan# 910
Delta R.T. 0.070 min
Lab File: BF137444.D
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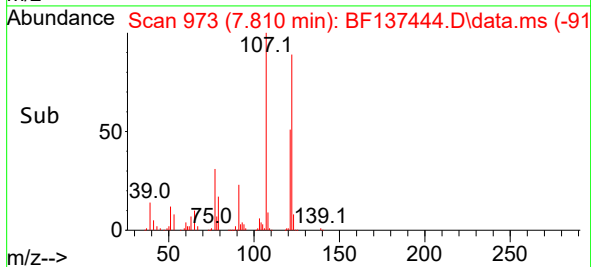
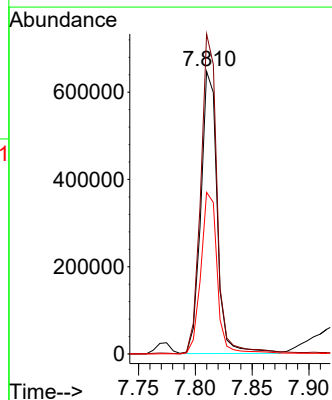
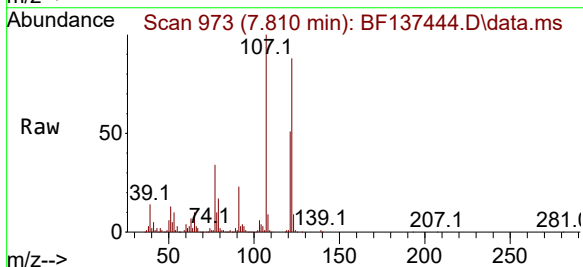
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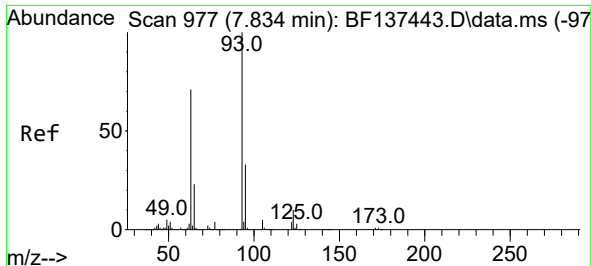
Tgt Ion:139 Resp: 371639
Ion Ratio Lower Upper
139 100
109 28.5 22.2 33.4
65 61.3 46.2 69.2



#27
2,4-Dimethylphenol
Concen: 49.737 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.070 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion:122 Resp: 649242
Ion Ratio Lower Upper
122 100
107 113.2 90.9 136.3
121 57.2 47.0 70.6

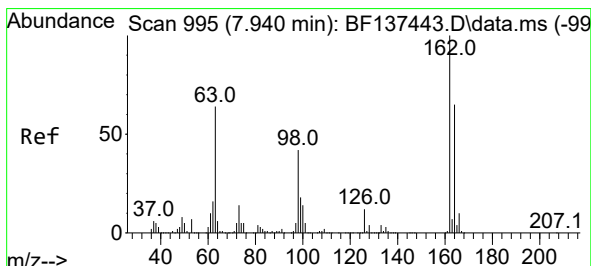
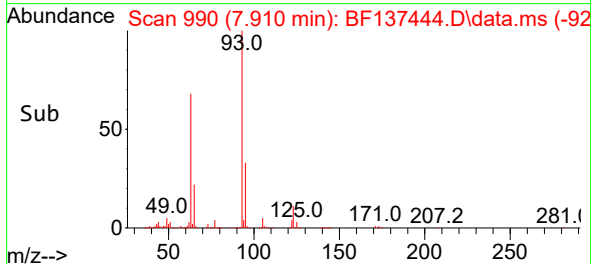
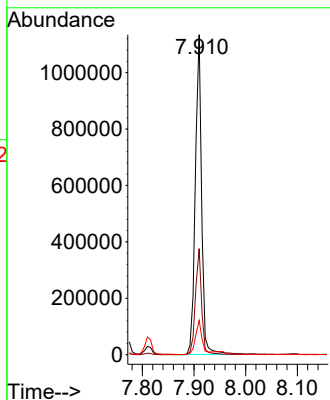
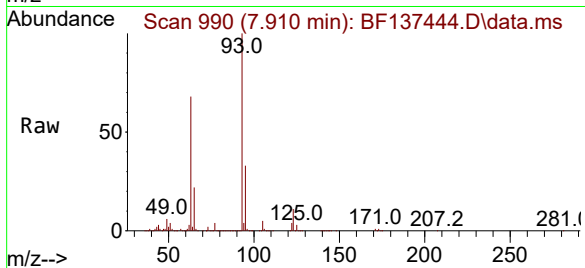




#28
bis(2-Chloroethoxy)methane
Concen: 49.637 ng
RT: 7.910 min Scan# 91
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

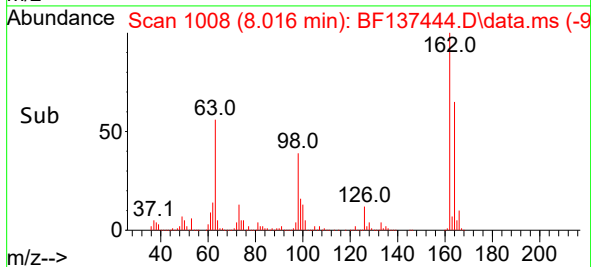
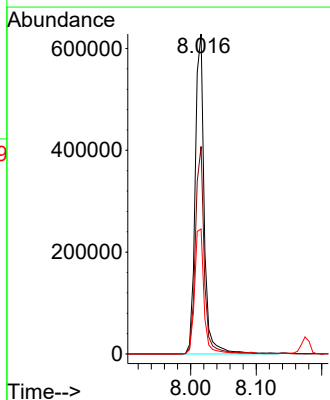
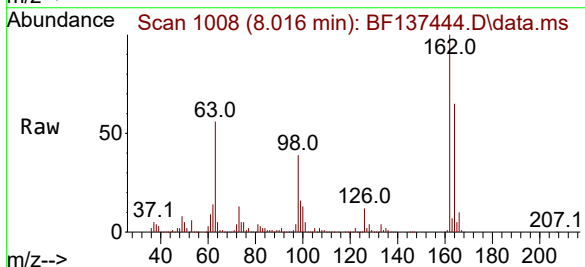
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

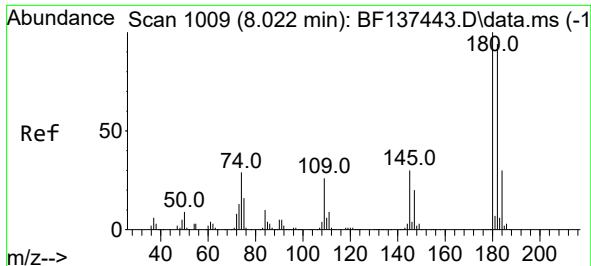
Tgt Ion: 93 Resp: 969193
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 10.7 8.0 12.0



#29
2,4-Dichlorophenol
Concen: 50.485 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion:162 Resp: 604824
Ion Ratio Lower Upper
162 100
164 64.9 44.7 84.7
98 39.0 22.0 62.0

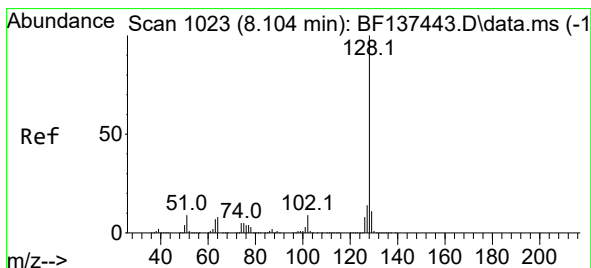
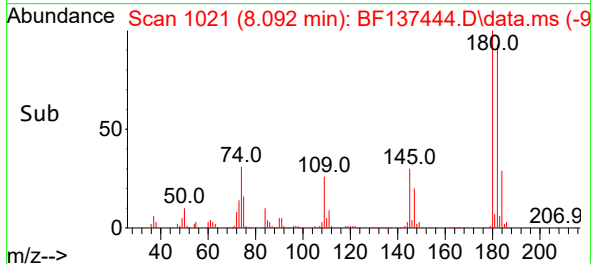
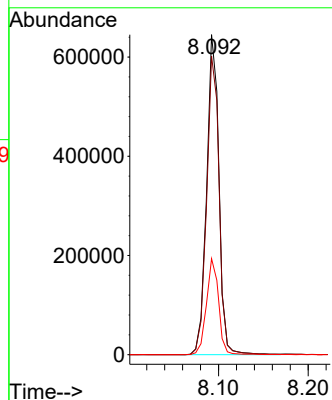
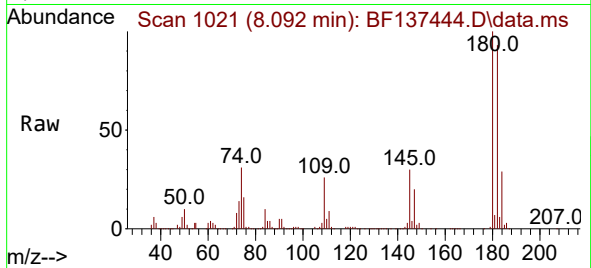




#30
1,2,4-Trichlorobenzene
Concen: 48.796 ng
RT: 8.092 min Scan# 1035
Delta R.T. 0.070 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

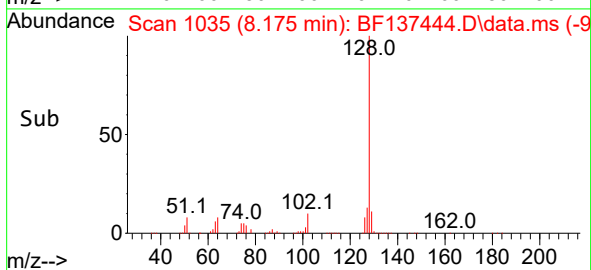
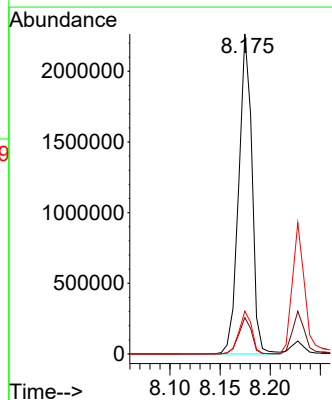
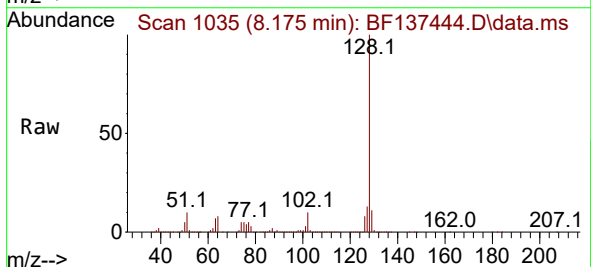
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

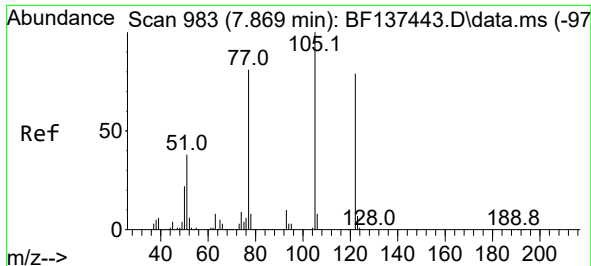
Tgt Ion:180 Resp: 615192
Ion Ratio Lower Upper
180 100
182 93.4 75.0 112.6
145 30.0 23.7 35.5



#31
Naphthalene
Concen: 47.912 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.070 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion:128 Resp: 2092265
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.4 10.8 16.2

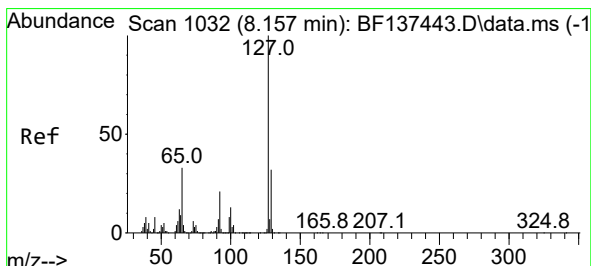
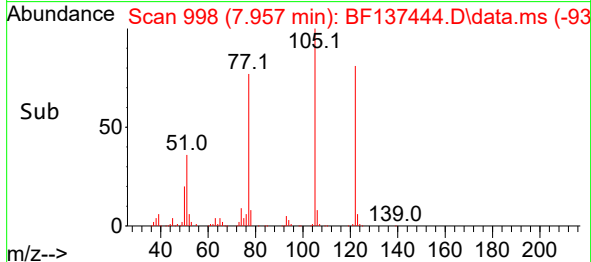
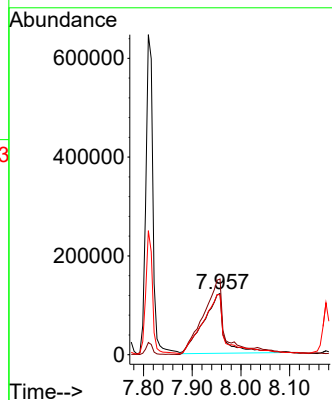
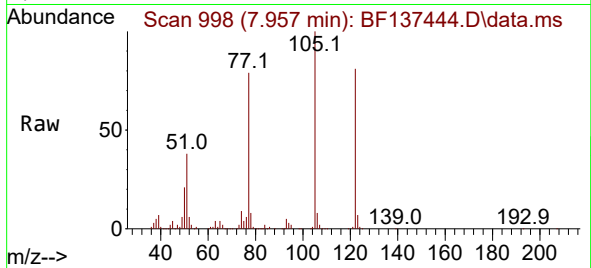




#32
Benzoic acid
Concen: 50.236 ng
RT: 7.957 min Scan# 91
Delta R.T. 0.088 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

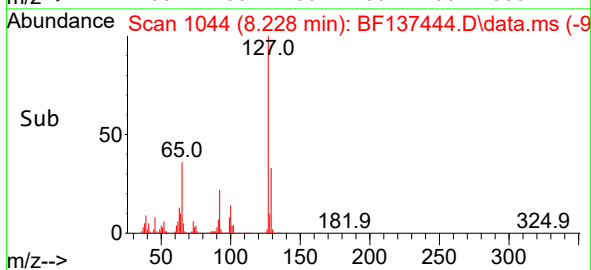
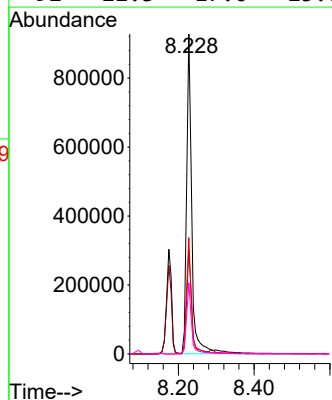
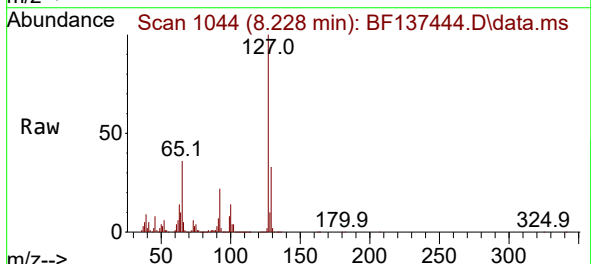
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

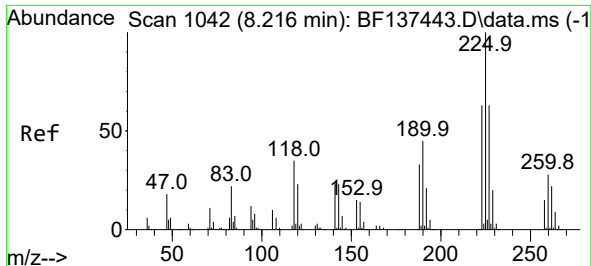
Tgt Ion:122 Resp: 370825
Ion Ratio Lower Upper
122 100
105 123.7 102.4 142.4
77 97.9 81.1 121.1



#33
4-Chloroaniline
Concen: 51.127 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.070 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion:127 Resp: 875470
Ion Ratio Lower Upper
127 100
129 32.6 26.0 39.0
65 36.4 26.8 40.2
92 22.3 17.0 25.6

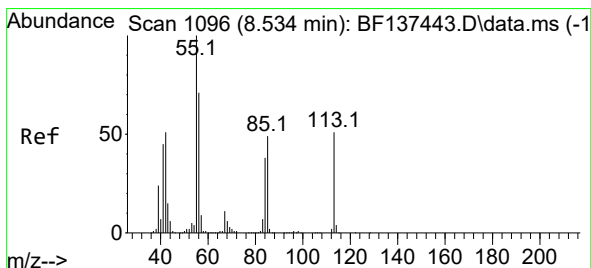
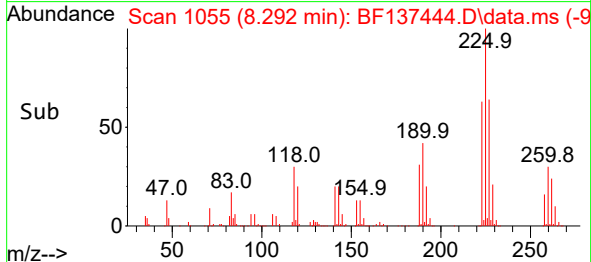
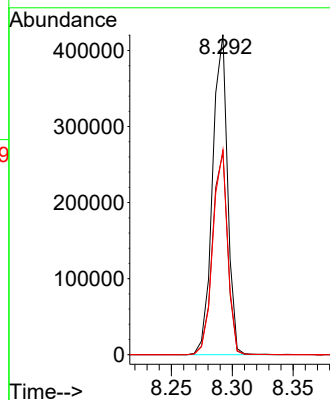
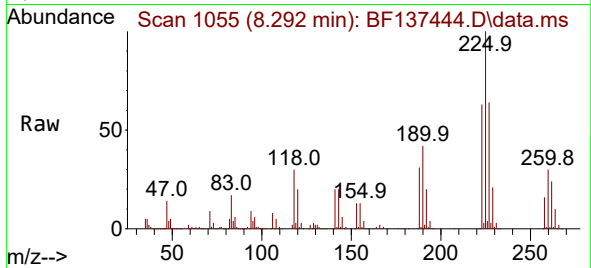




#34
Hexachlorobutadiene
Concen: 48.353 ng
RT: 8.292 min Scan# 1109
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

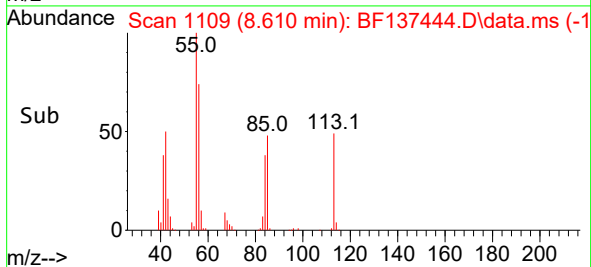
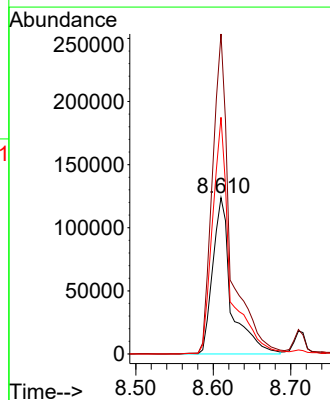
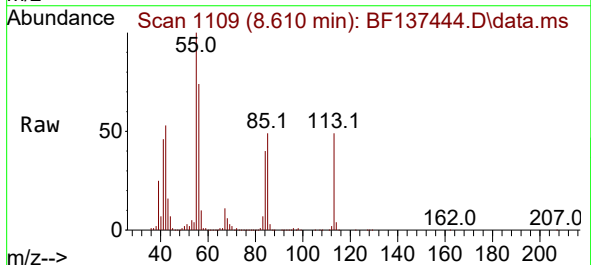
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

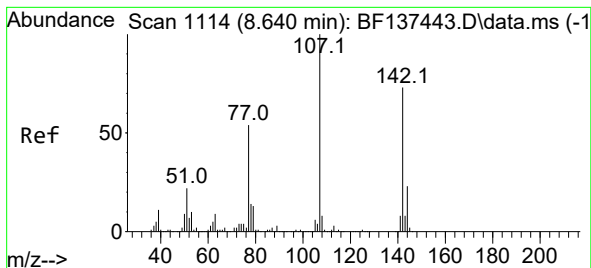
Tgt Ion:225 Resp: 359900
Ion Ratio Lower Upper
225 100
223 63.2 50.7 76.1
227 64.0 50.6 75.8



#35
Caprolactam
Concen: 50.926 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion:113 Resp: 206986
Ion Ratio Lower Upper
113 100
55 204.7 176.7 216.7
56 151.3 120.6 160.6

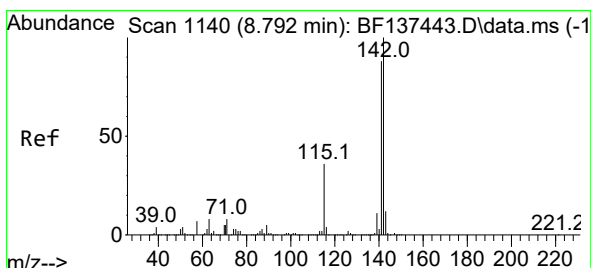
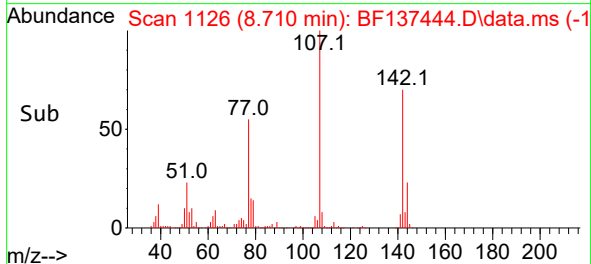
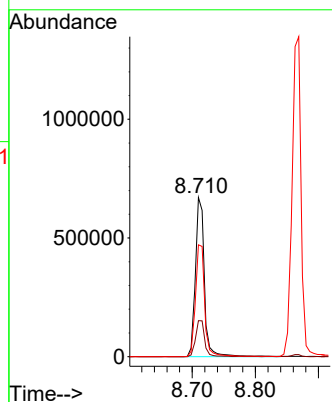
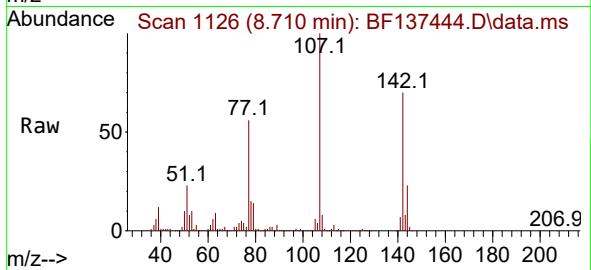




#36
 4-Chloro-3-methylphenol
 Concen: 49.408 ng
 RT: 8.710 min Scan# 1114
 Delta R.T. 0.070 min
 Lab File: BF137444.D
 Acq: 29 Feb 2024 16:13

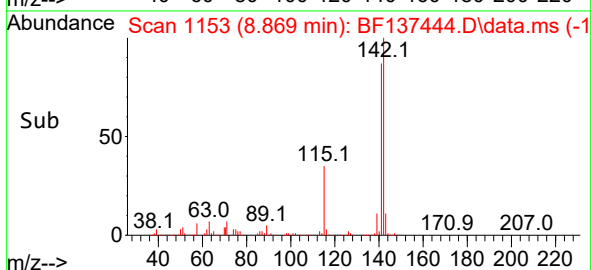
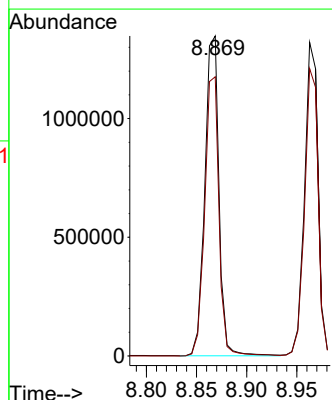
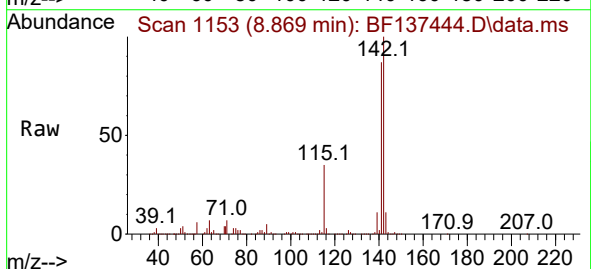
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

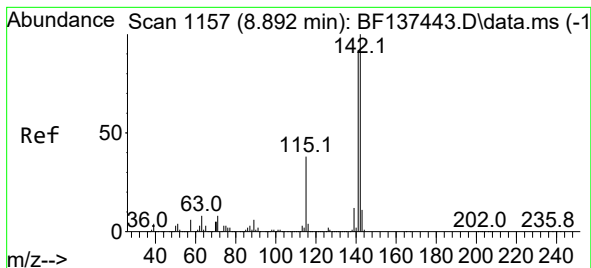
Tgt Ion:107 Resp: 661642
 Ion Ratio Lower Upper
 107 100
 144 22.6 18.7 28.1
 142 70.2 58.2 87.2



#37
 2-Methylnaphthalene
 Concen: 47.766 ng
 RT: 8.869 min Scan# 1153
 Delta R.T. 0.076 min
 Lab File: BF137444.D
 Acq: 29 Feb 2024 16:13

Tgt Ion:142 Resp: 1329720
 Ion Ratio Lower Upper
 142 100
 141 87.3 70.4 105.6





#38

1-Methylnaphthalene

Concen: 46.983 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.070 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

Instrument :

BNA_F

ClientSampleId :

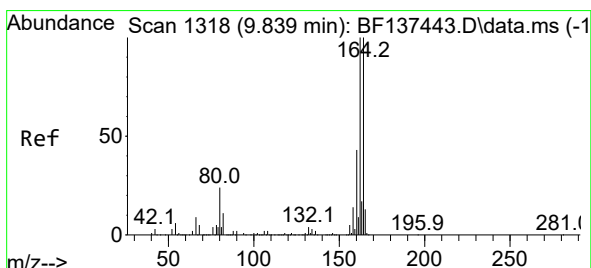
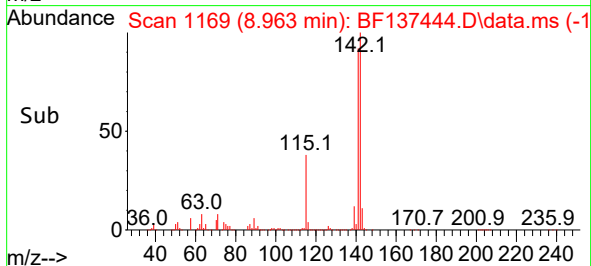
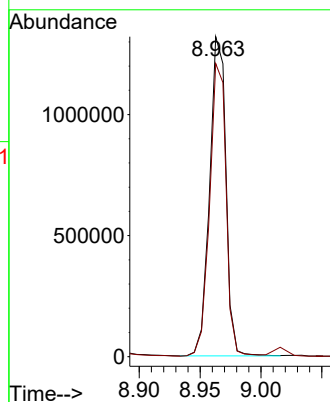
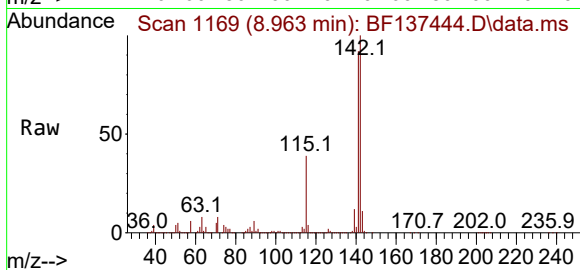
SSTDICC050

Tgt Ion:142 Resp: 1231713

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.070 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

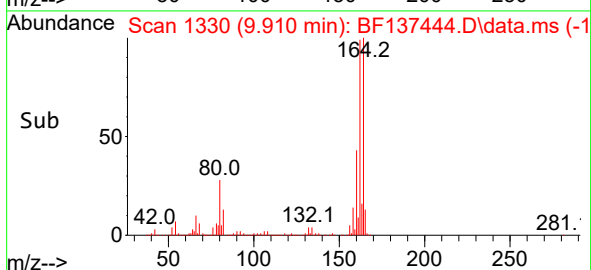
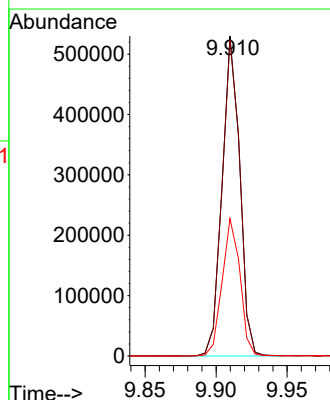
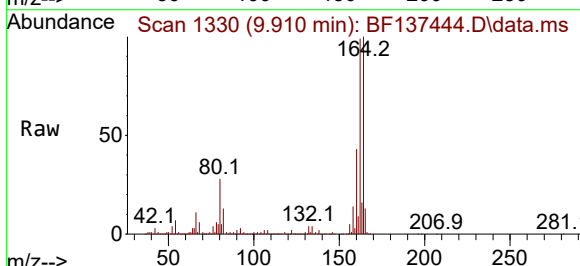
Tgt Ion:164 Resp: 455809

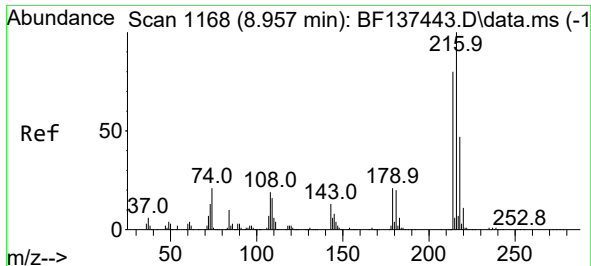
Ion Ratio Lower Upper

164 100

162 98.8 79.8 119.8

160 42.9 34.4 51.6

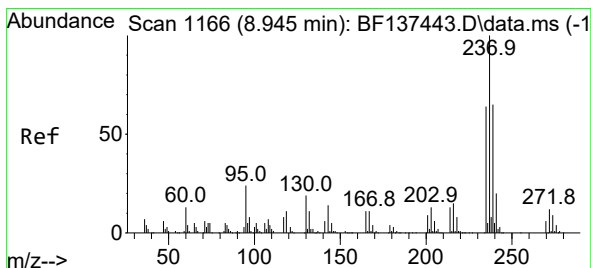
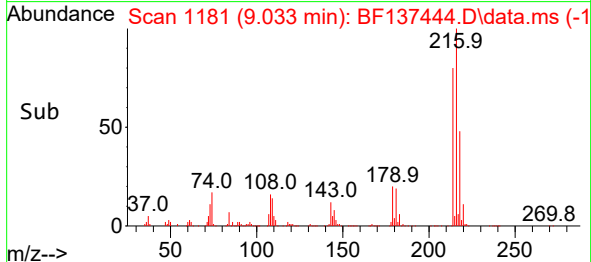
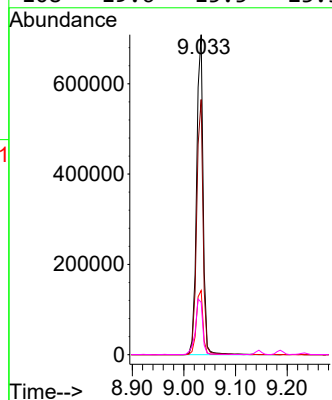
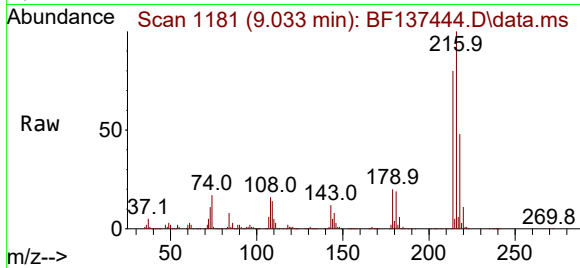




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.596 ng
 RT: 9.033 min Scan# 1181
 Delta R.T. 0.076 min
 Lab File: BF137444.D
 Acq: 29 Feb 2024 16:13

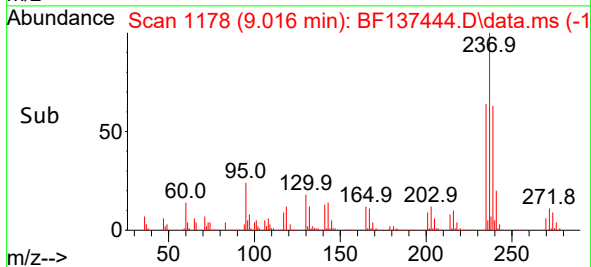
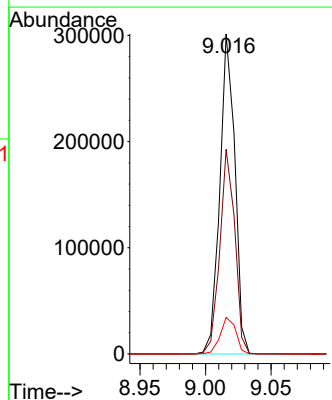
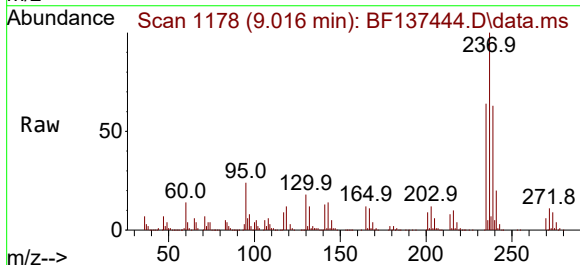
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

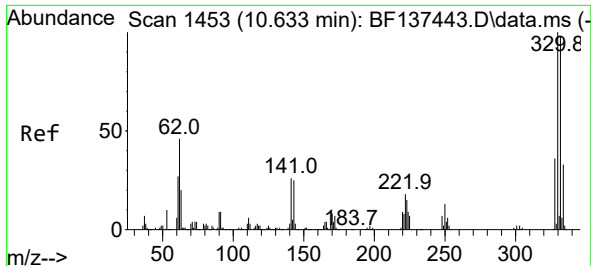
Tgt Ion:216 Resp: 618388
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.5 95.3
 179 20.4 16.6 25.0
 108 19.6 15.5 23.3



#41
 Hexachlorocyclopentadiene
 Concen: 58.690 ng
 RT: 9.016 min Scan# 1178
 Delta R.T. 0.070 min
 Lab File: BF137444.D
 Acq: 29 Feb 2024 16:13

Tgt Ion:237 Resp: 240138
 Ion Ratio Lower Upper
 237 100
 235 63.9 43.6 83.6
 272 11.4 0.0 31.9

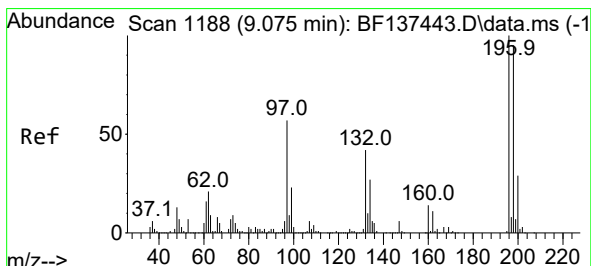
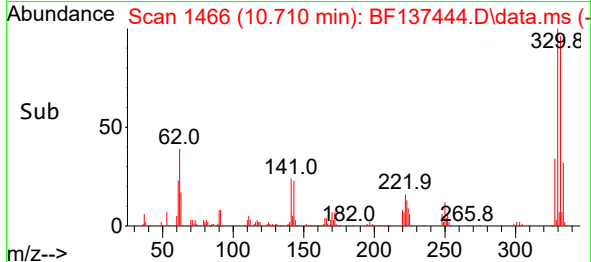
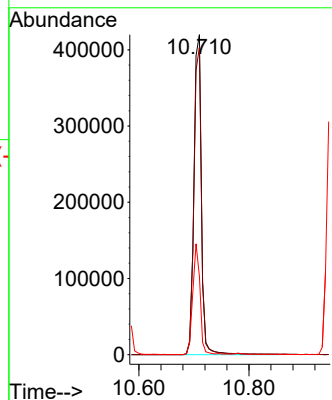
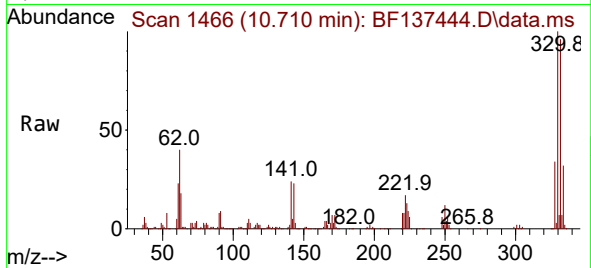




#42
2,4,6-Tribromophenol
Concen: 98.733 ng
RT: 10.710 min Scan# 1453
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

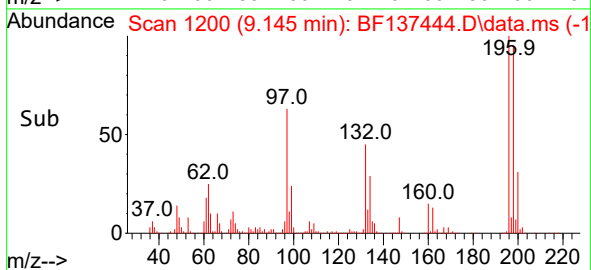
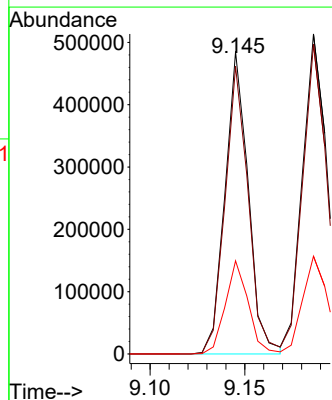
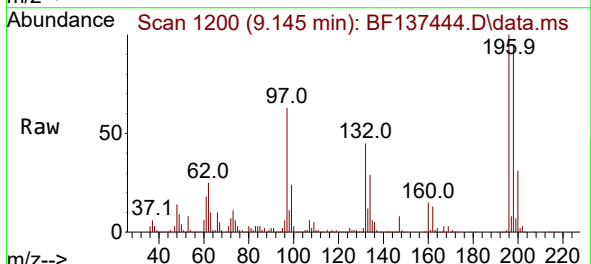
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

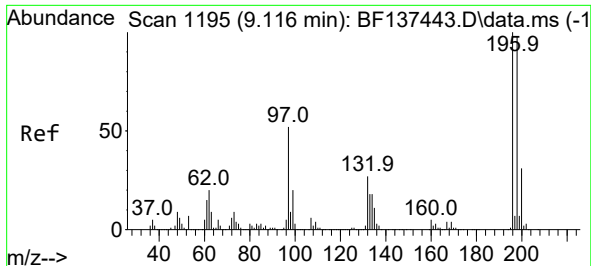
Tgt Ion:330 Resp: 395207
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 33.5 27.3 40.9



#43
2,4,6-Trichlorophenol
Concen: 50.016 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.070 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion:196 Resp: 414464
Ion Ratio Lower Upper
196 100
198 95.2 75.8 113.8
200 30.8 23.5 35.3



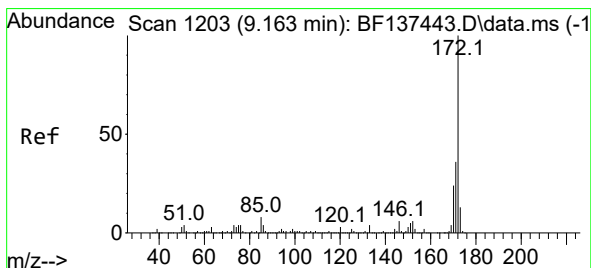
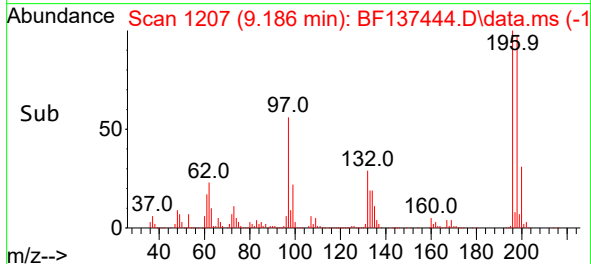
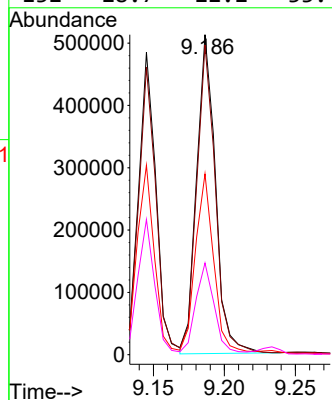
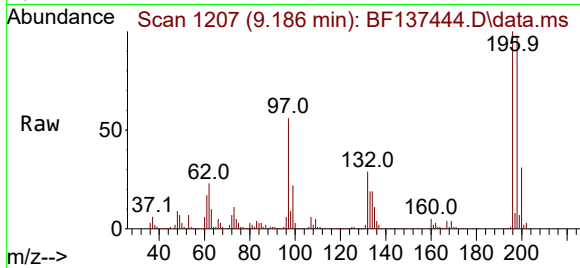


#44
2,4,5-Trichlorophenol
Concen: 49.742 ng
RT: 9.186 min Scan# 1195
Delta R.T. 0.070 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 474826

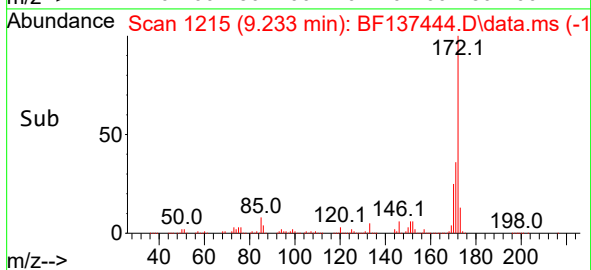
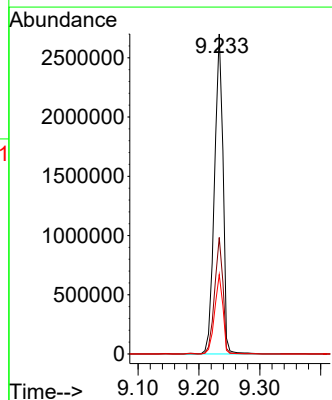
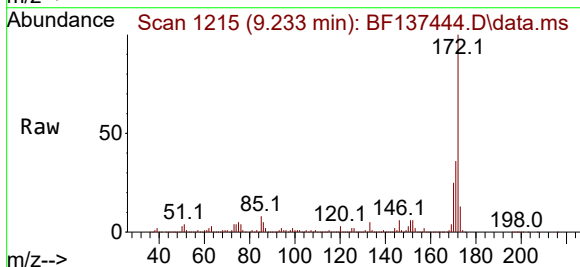
Ion	Ratio	Lower	Upper
196	100		
198	96.8	78.6	117.8
97	56.5	41.8	62.8
132	28.7	22.2	33.4

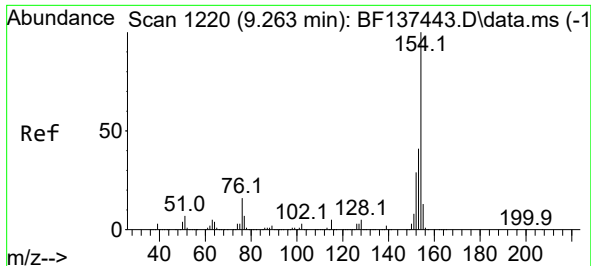


#45
2-Fluorobiphenyl
Concen: 90.524 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.070 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion:172 Resp: 2635923

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	24.8	19.0	28.6

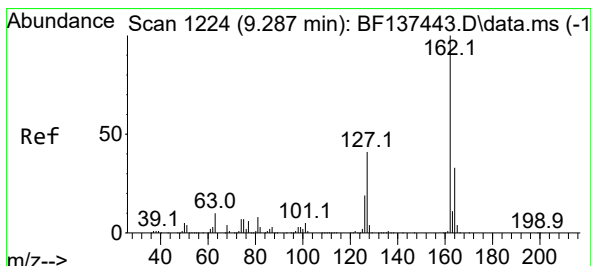
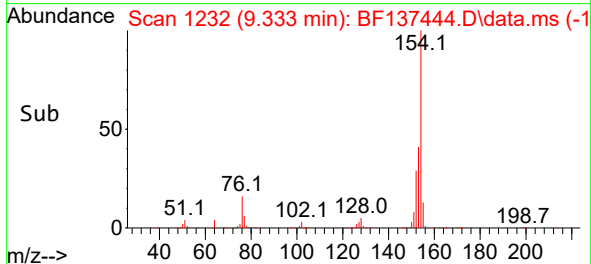
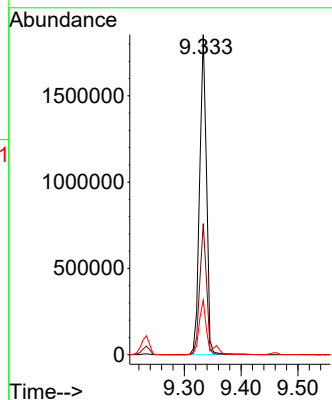
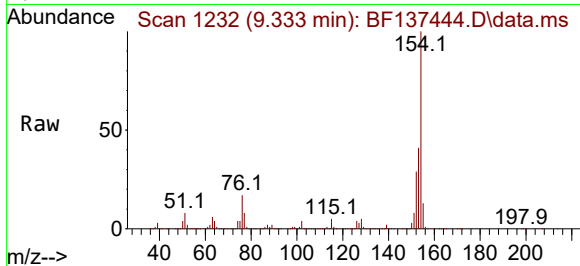




#46
1,1'-Biphenyl
Concen: 47.104 ng
RT: 9.333 min Scan# 11
Delta R.T. 0.070 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

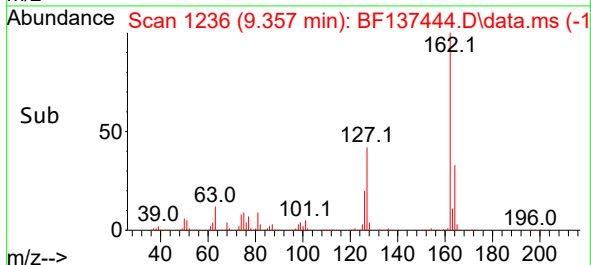
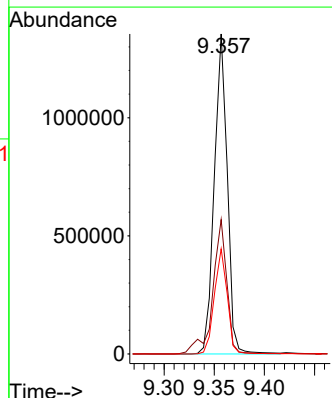
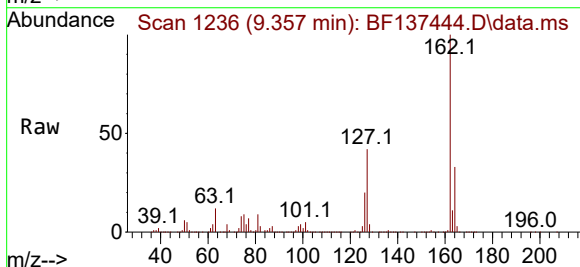
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

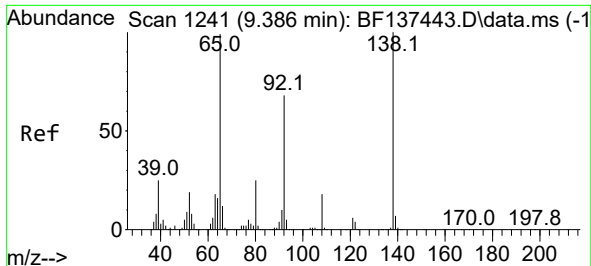
Tgt Ion:154 Resp: 1571436
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 17.1 0.0 35.8



#47
2-Chloronaphthalene
Concen: 47.822 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.070 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion:162 Resp: 1216356
Ion Ratio Lower Upper
162 100
127 42.0 32.6 49.0
164 32.9 26.5 39.7

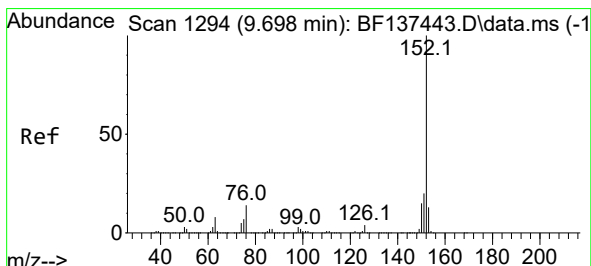
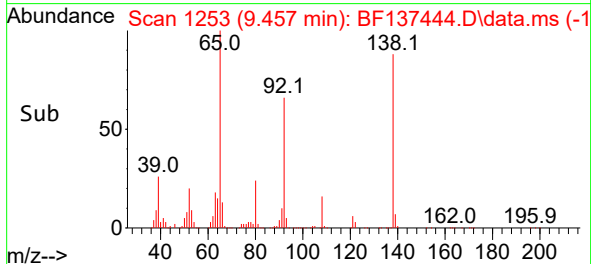
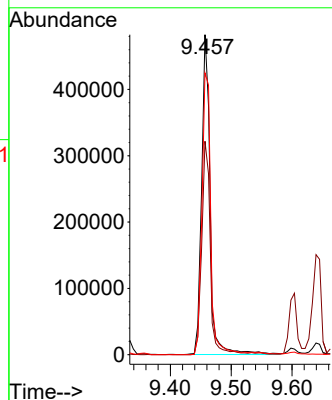
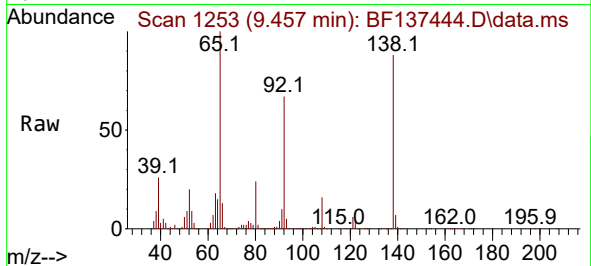




#48
2-Nitroaniline
Concen: 54.195 ng
RT: 9.457 min Scan# 11
Delta R.T. 0.070 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

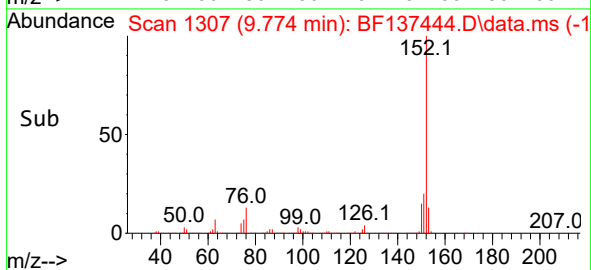
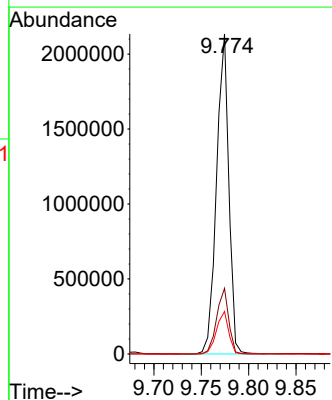
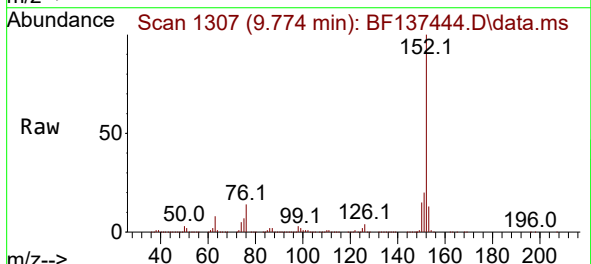
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

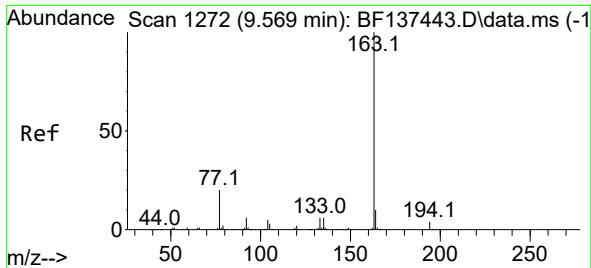
Tgt Ion: 65 Resp: 468529
Ion Ratio Lower Upper
65 100
92 66.7 55.4 83.2
138 88.0 81.0 121.6



#49
Acenaphthylene
Concen: 47.004 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion: 152 Resp: 1913279
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.3 10.8 16.2

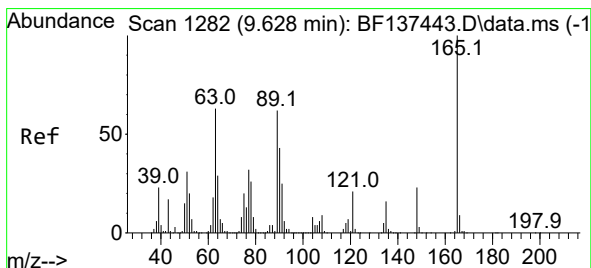
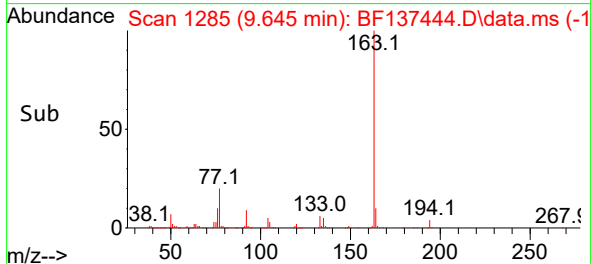
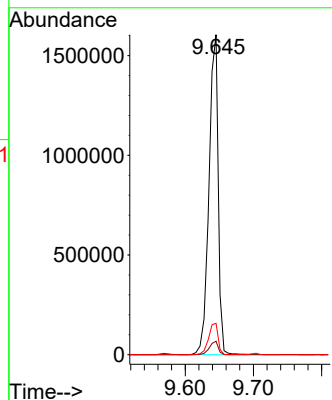
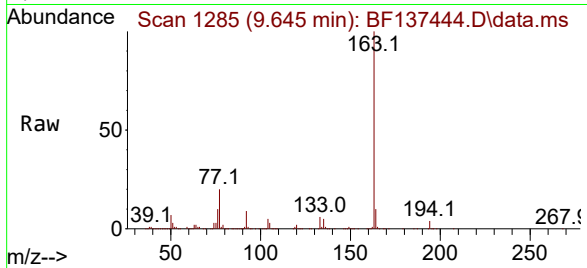




#50
Dimethylphthalate
Concen: 47.666 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

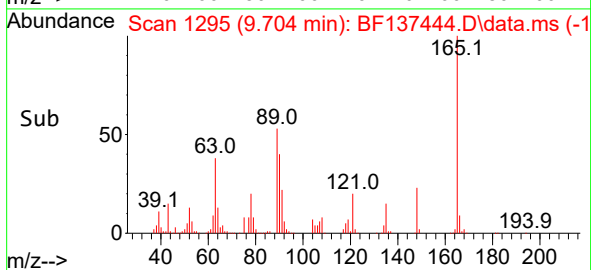
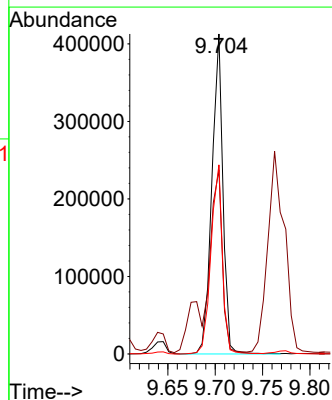
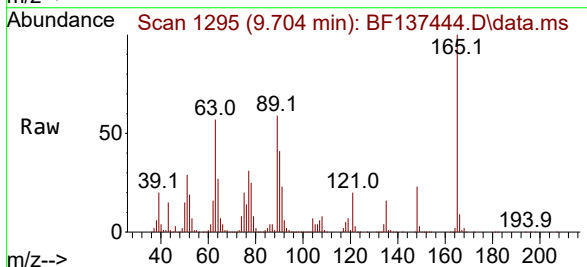
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

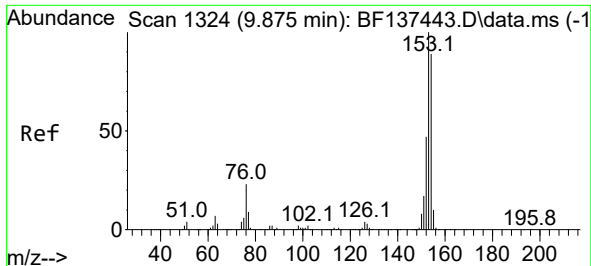
Tgt Ion:163 Resp: 1512415
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.8 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 50.189 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion:165 Resp: 333084
Ion Ratio Lower Upper
165 100
63 57.5 50.7 76.1
89 59.1 50.0 75.0

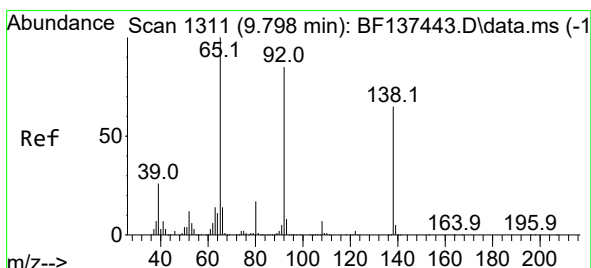
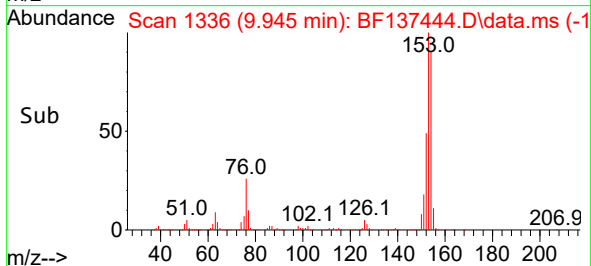
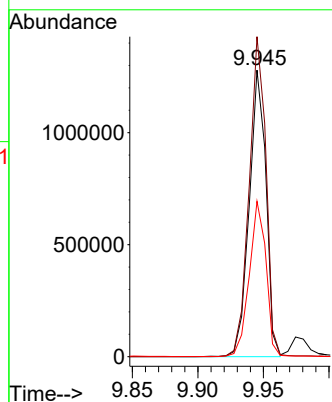
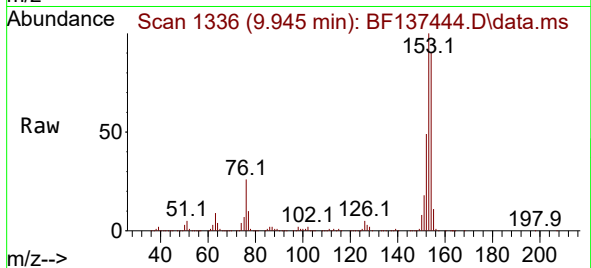




#52
Acenaphthene
Concen: 46.757 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.070 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

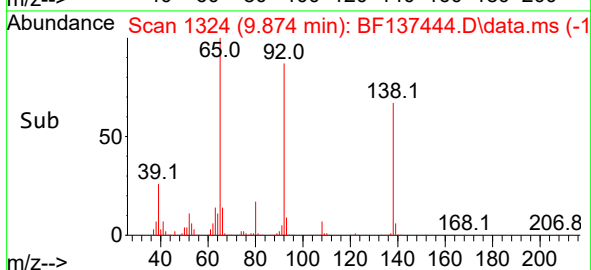
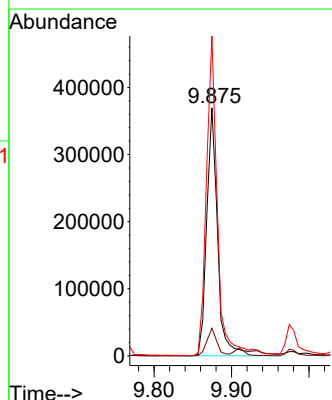
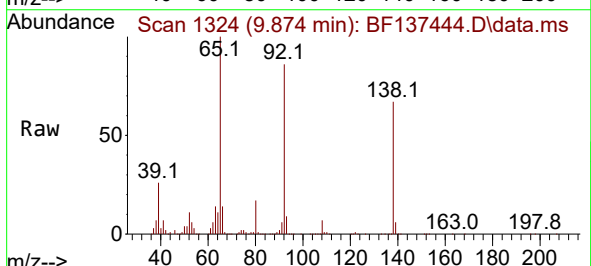
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

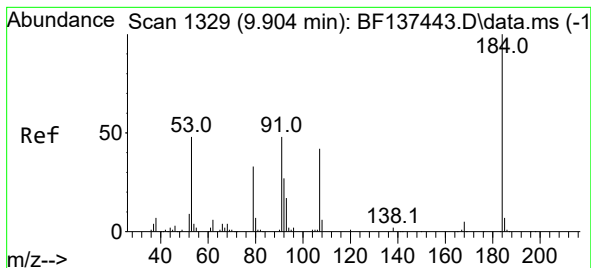
Tgt Ion:154 Resp: 1136249
Ion Ratio Lower Upper
154 100
153 111.6 90.3 135.5
152 54.2 42.7 64.1



#53
3-Nitroaniline
Concen: 52.355 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion:138 Resp: 367521
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 128.9 104.6 157.0





#54

2,4-Dinitrophenol

Concen: 59.156 ng

RT: 9.974 min Scan# 1341

Delta R.T. 0.070 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

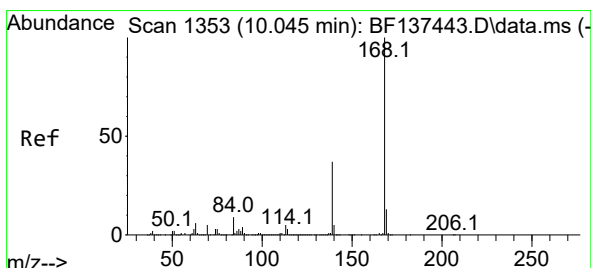
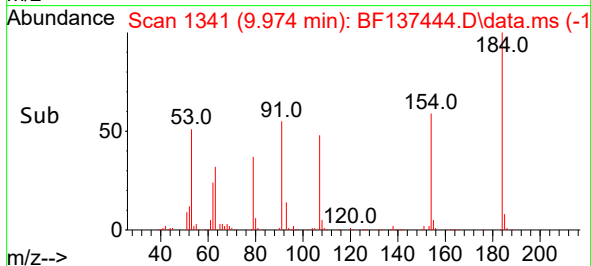
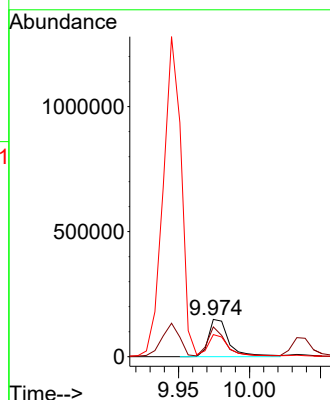
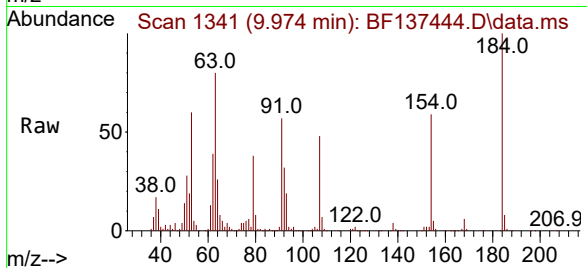
Tgt Ion:184 Resp: 149685

Ion Ratio Lower Upper

184 100

63 79.7 53.3 79.9

154 59.1 47.4 71.0



#55

Dibenzofuran

Concen: 46.569 ng

RT: 10.122 min Scan# 1366

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

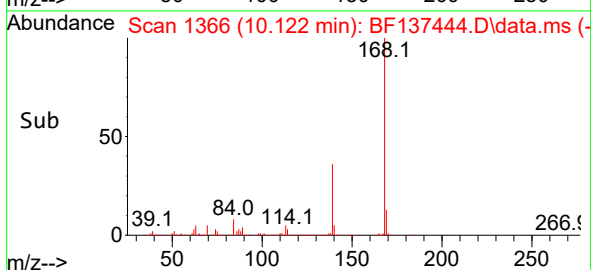
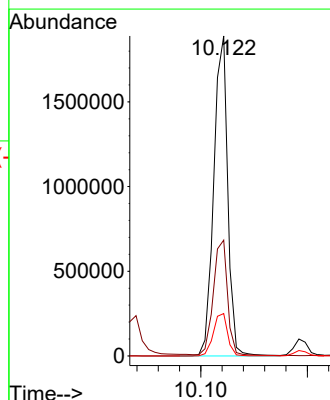
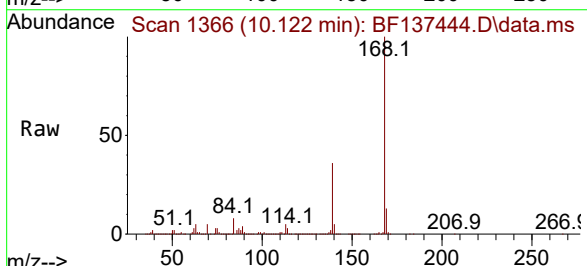
Tgt Ion:168 Resp: 1723644

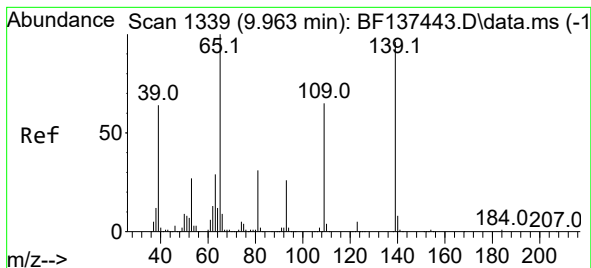
Ion Ratio Lower Upper

168 100

139 36.2 29.8 44.6

169 13.2 10.8 16.2





#56

4-Nitrophenol

Concen: 56.704 ng

RT: 10.039 min Scan# 1

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

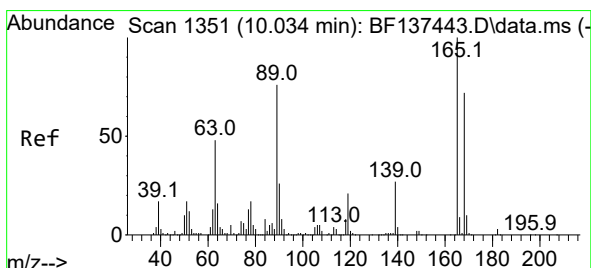
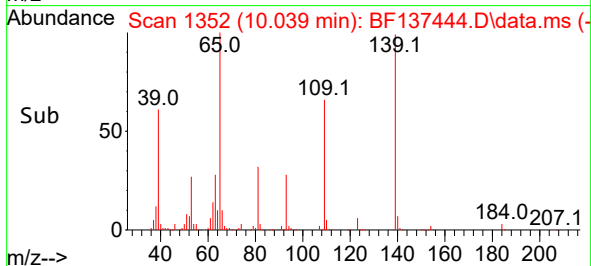
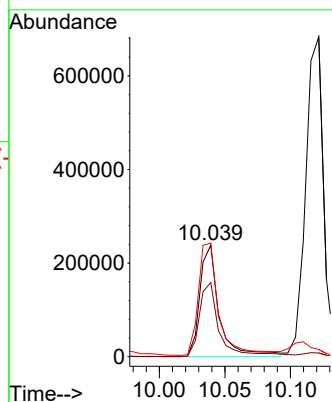
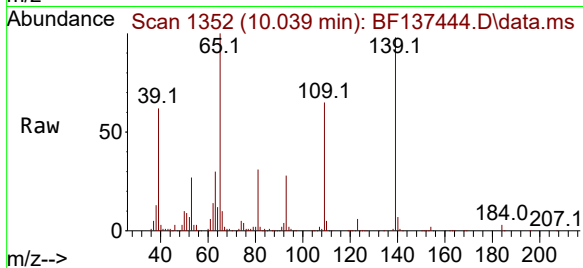
Tgt Ion:139 Resp: 245879

Ion Ratio Lower Upper

139 100

109 66.5 47.1 87.1

65 102.0 85.1 125.1



#57

2,4-Dinitrotoluene

Concen: 51.706 ng

RT: 10.110 min Scan# 1364

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

Tgt Ion:165 Resp: 421590

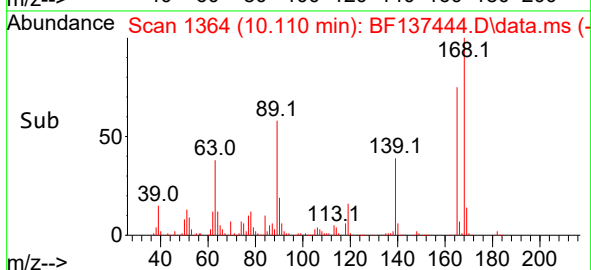
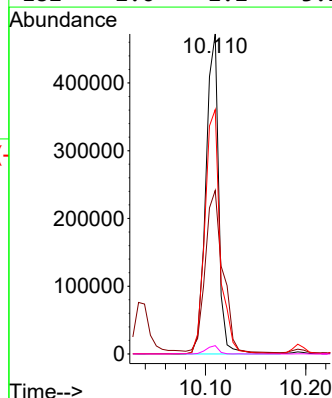
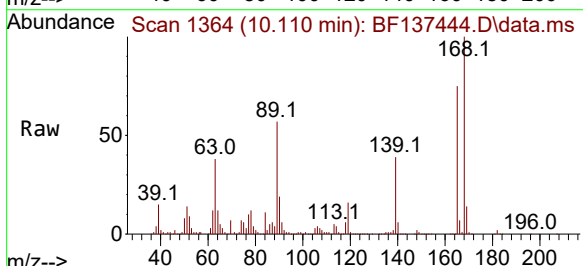
Ion Ratio Lower Upper

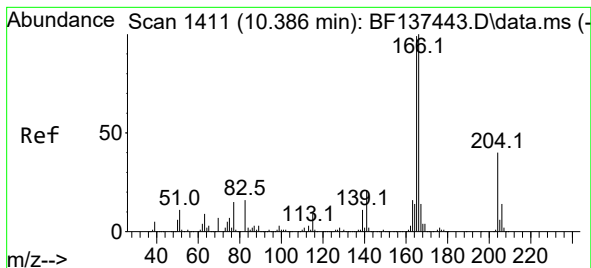
165 100

63 51.1 39.0 58.6

89 76.3 60.9 91.3

182 2.6 2.2 3.2





#58

Fluorene

Concen: 45.270 ng

RT: 10.463 min Scan# 1411

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

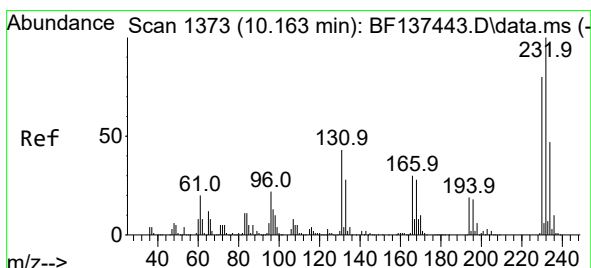
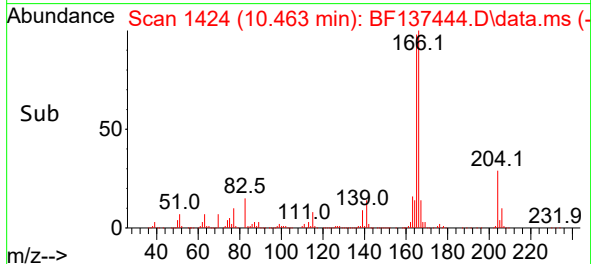
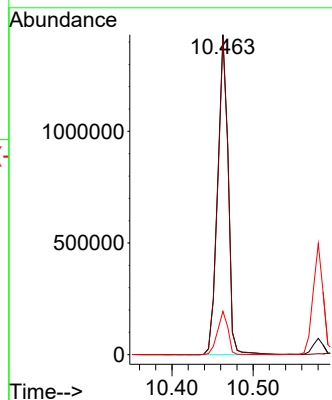
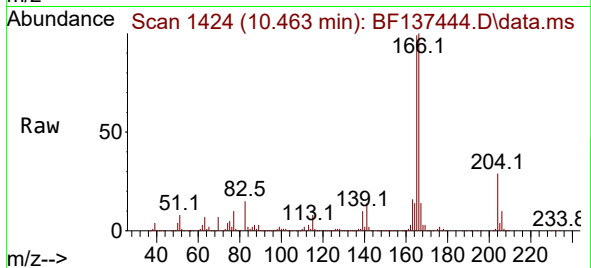
Tgt Ion:166 Resp: 1286790

Ion Ratio Lower Upper

166 100

165 98.6 79.2 118.8

167 13.6 11.0 16.6



#59

2,3,4,6-Tetrachlorophenol

Concen: 48.656 ng

RT: 10.239 min Scan# 1386

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

Tgt Ion:232 Resp: 375328

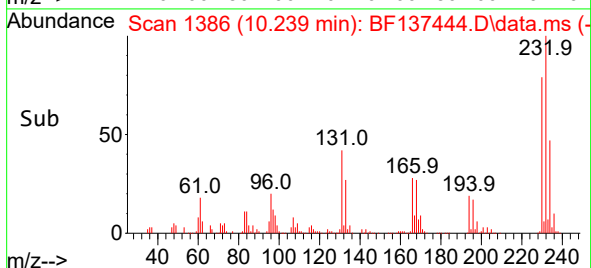
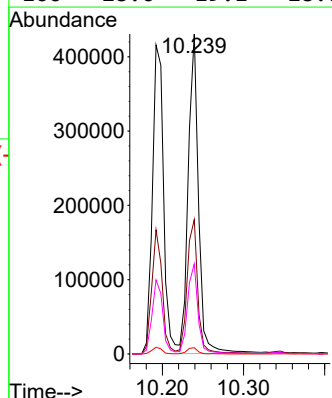
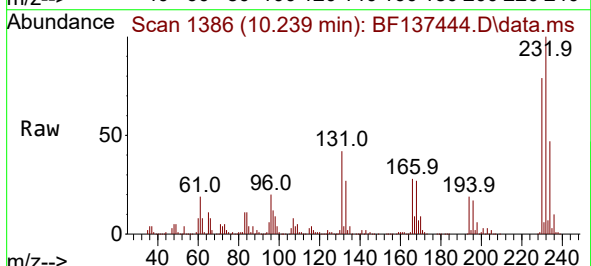
Ion Ratio Lower Upper

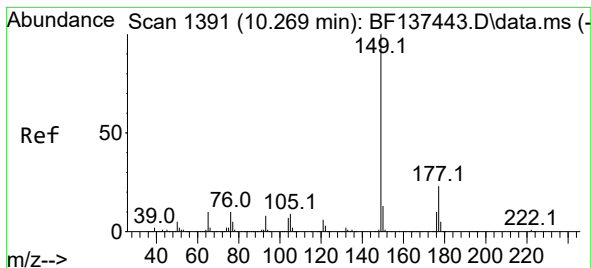
232 100

131 43.7 31.2 46.8

130 2.1 1.8 2.6

166 28.6 19.1 28.7





#60

Diethylphthalate

Concen: 47.522 ng

RT: 10.345 min Scan# 1404

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

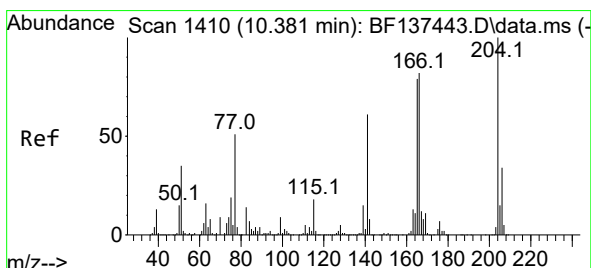
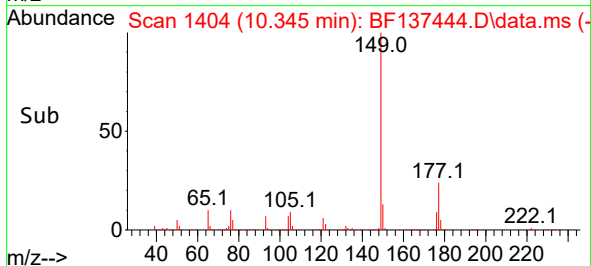
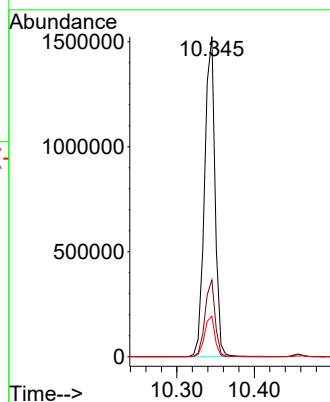
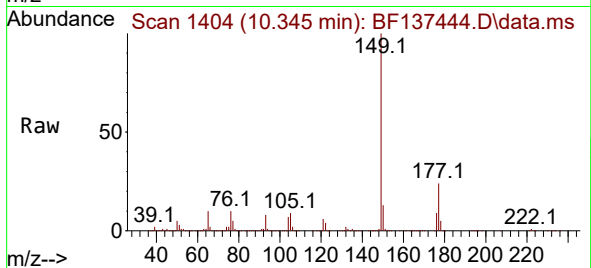
Tgt Ion:149 Resp: 1423912

Ion Ratio Lower Upper

149 100

177 24.0 18.7 28.1

150 12.6 10.2 15.4



#61

4-Chlorophenyl-phenylether

Concen: 46.095 ng

RT: 10.457 min Scan# 1423

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

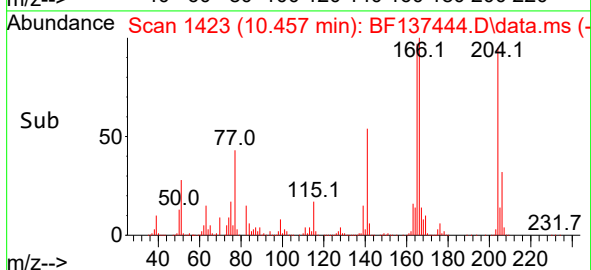
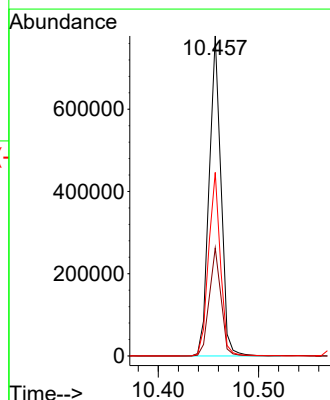
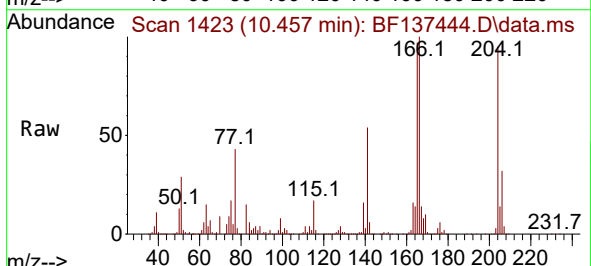
Tgt Ion:204 Resp: 642142

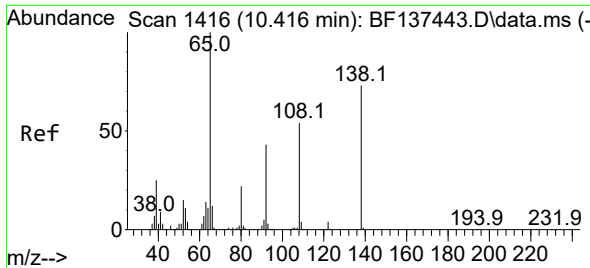
Ion Ratio Lower Upper

204 100

206 33.7 27.4 41.0

141 57.3 48.4 72.6

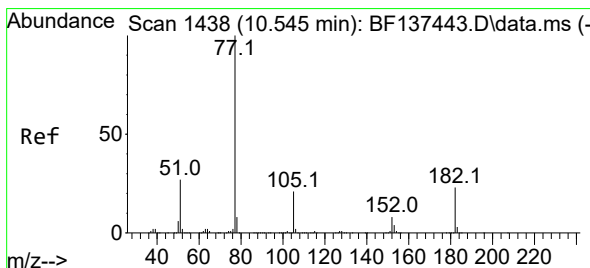
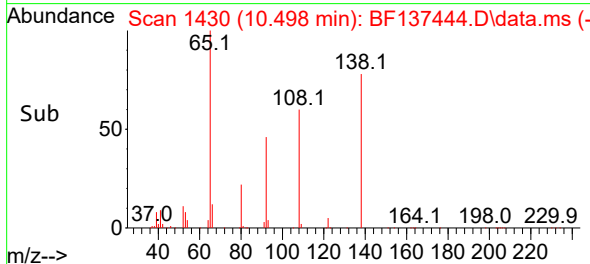
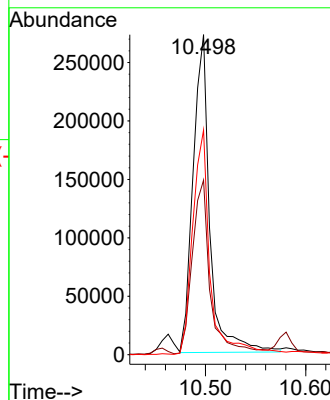
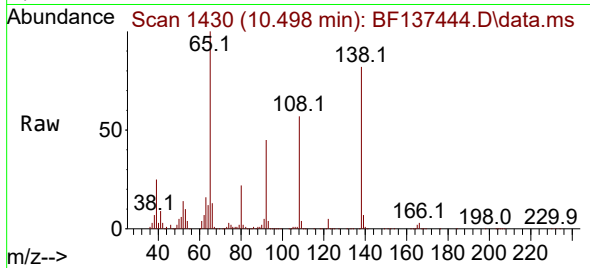




#62
4-Nitroaniline
Concen: 54.437 ng
RT: 10.498 min Scan# 1416
Delta R.T. 0.082 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

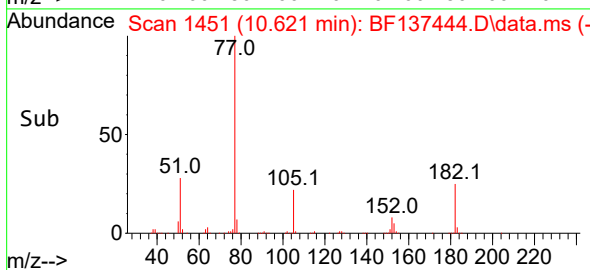
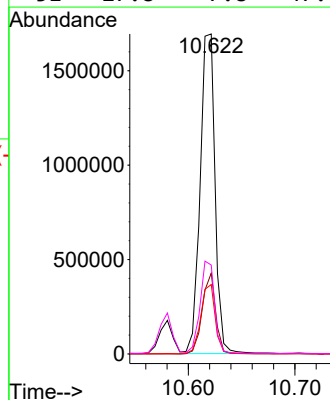
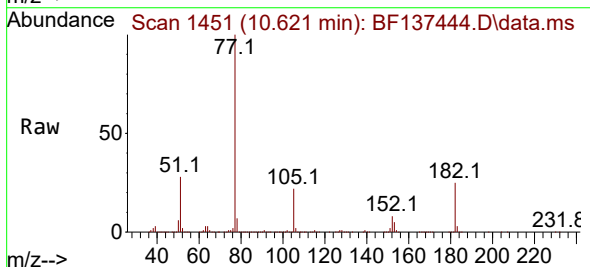
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

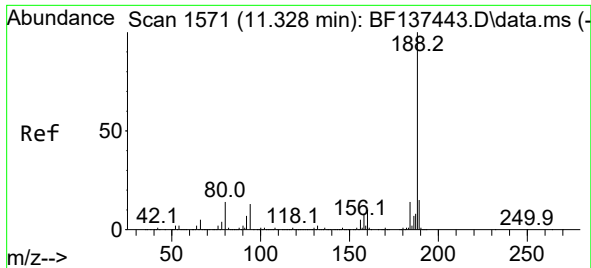
Tgt Ion:138 Resp: 315652
Ion Ratio Lower Upper
138 100
92 54.5 37.9 77.9
108 70.2 53.2 93.2



#63
Azobenzene
Concen: 47.970 ng
RT: 10.621 min Scan# 1451
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion: 77 Resp: 1655066
Ion Ratio Lower Upper
77 100
182 25.2 3.2 43.2
105 21.7 1.2 41.2
51 27.8 7.8 47.8

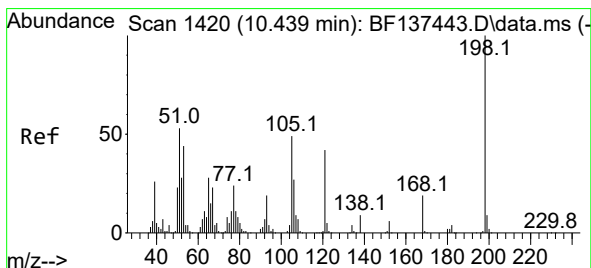
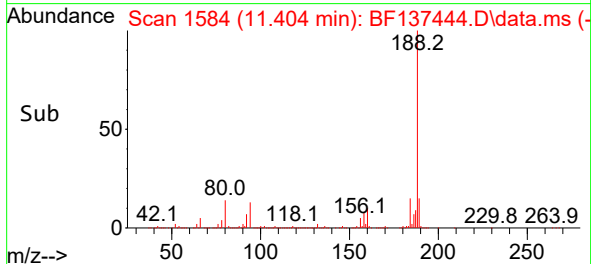
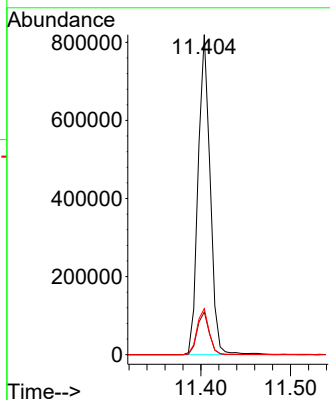
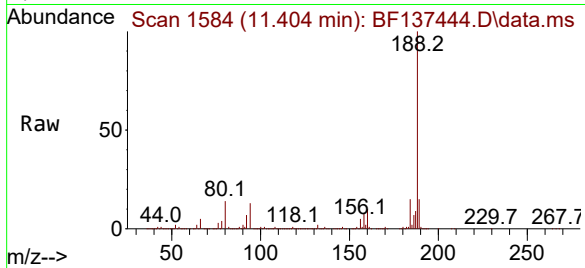




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

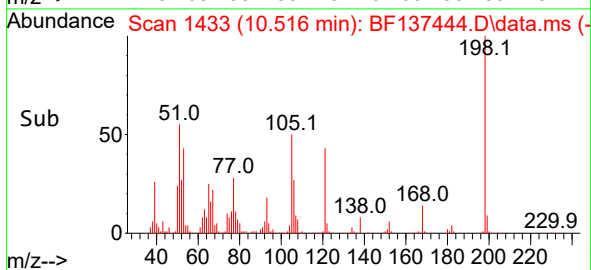
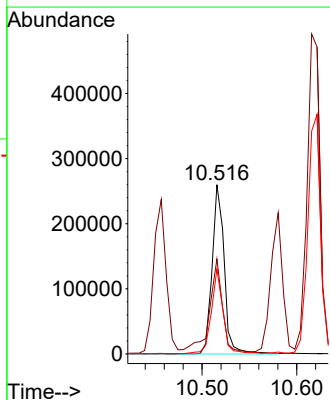
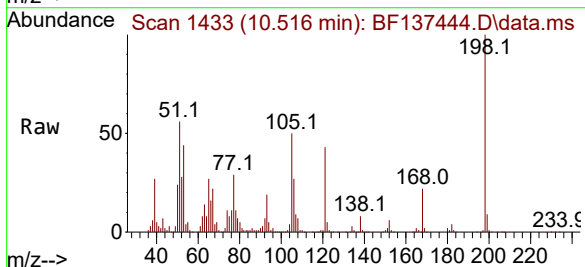
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

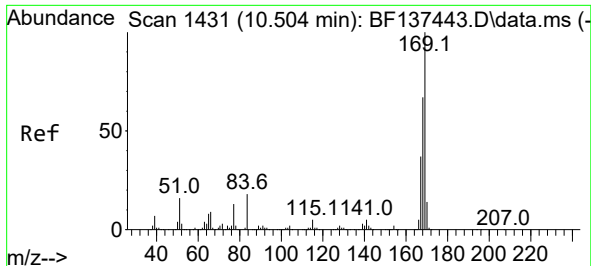
Tgt Ion:188 Resp: 761538
Ion Ratio Lower Upper
188 100
94 13.3 10.6 15.8
80 14.4 11.5 17.3



#65
4,6-Dinitro-2-methylphenol
Concen: 54.147 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion:198 Resp: 229824
Ion Ratio Lower Upper
198 100
51 56.1 37.2 77.2
105 50.2 29.2 69.2

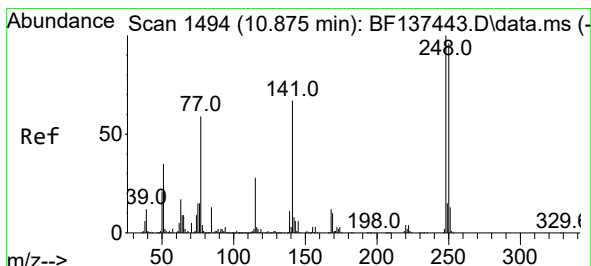
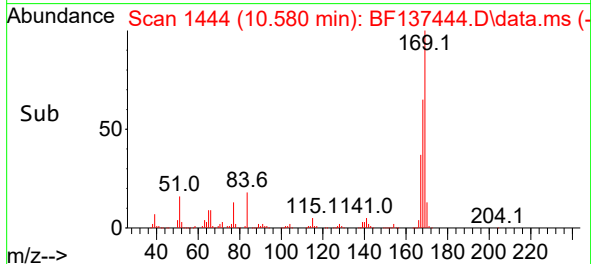
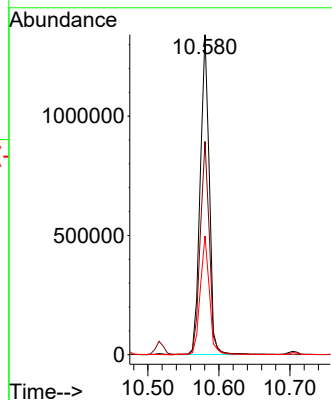
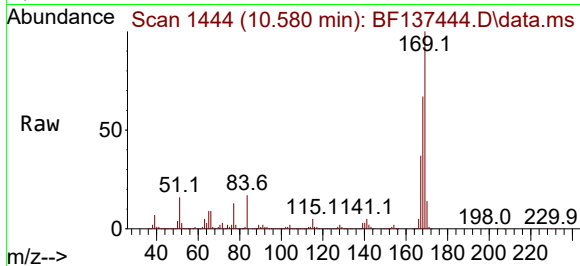




#66
n-Nitrosodiphenylamine
Concen: 48.507 ng
RT: 10.580 min Scan# 14
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

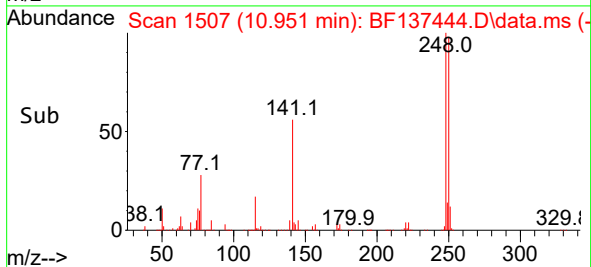
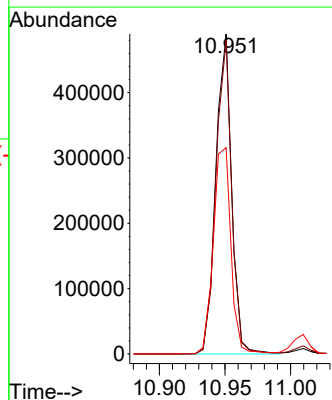
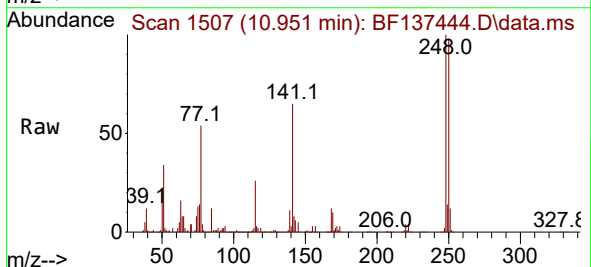
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

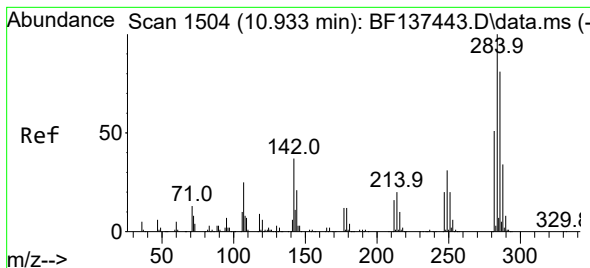
Tgt Ion:169 Resp: 1189515
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.6
167 37.1 29.6 44.4



#67
4-Bromophenyl-phenylether
Concen: 49.690 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion:248 Resp: 412153
Ion Ratio Lower Upper
248 100
250 98.1 76.8 115.2
141 64.5 53.4 80.0





#68

Hexachlorobenzene

Concen: 49.361 ng

RT: 11.010 min Scan# 1517

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

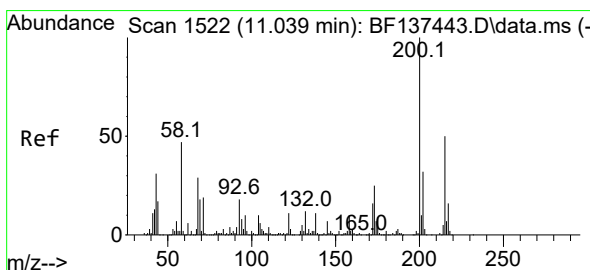
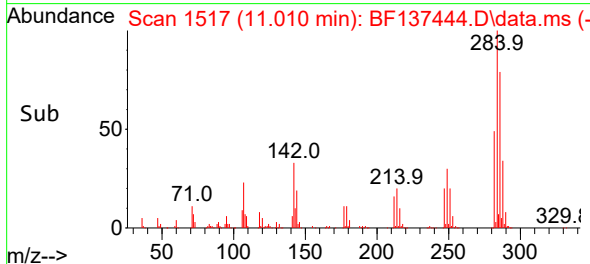
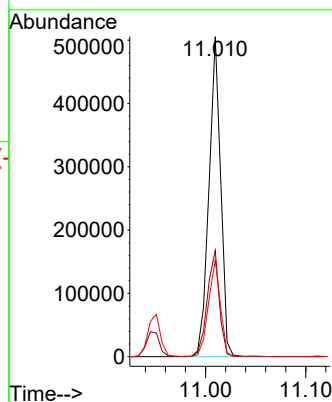
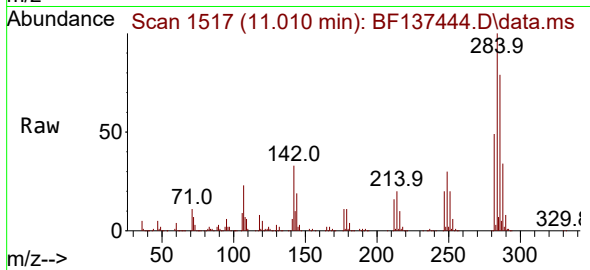
Tgt Ion:284 Resp: 413523

Ion Ratio Lower Upper

284 100

142 33.2 29.4 44.0

249 30.1 25.0 37.4



#69

Atrazine

Concen: 49.852 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

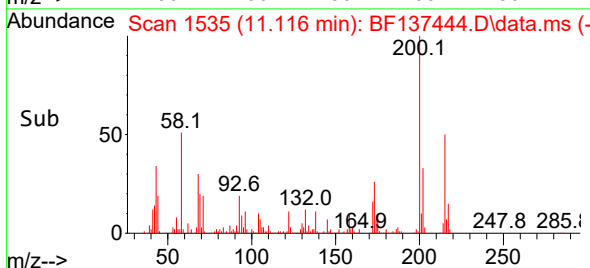
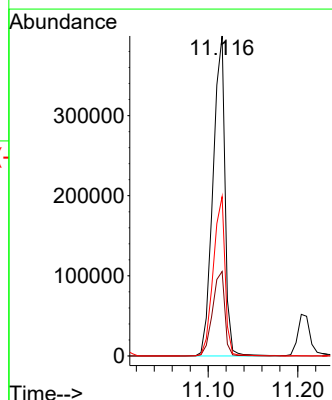
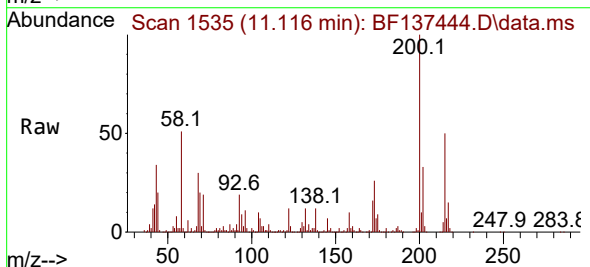
Tgt Ion:200 Resp: 371636

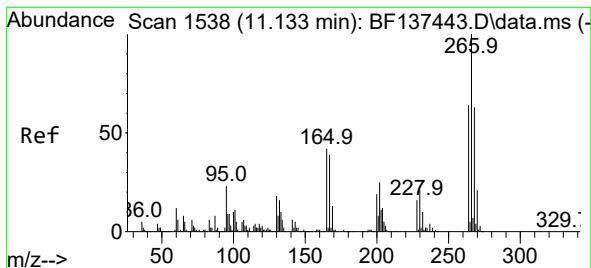
Ion Ratio Lower Upper

200 100

173 26.4 5.1 45.1

215 49.8 30.4 70.4





#70

Pentachlorophenol

Concen: 53.477 ng

RT: 11.210 min Scan# 1551

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

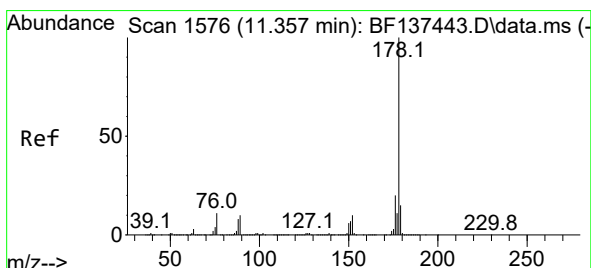
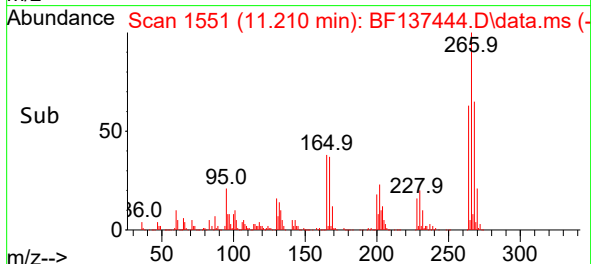
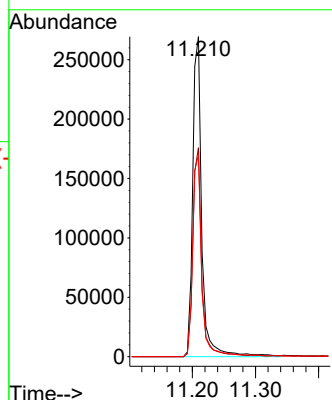
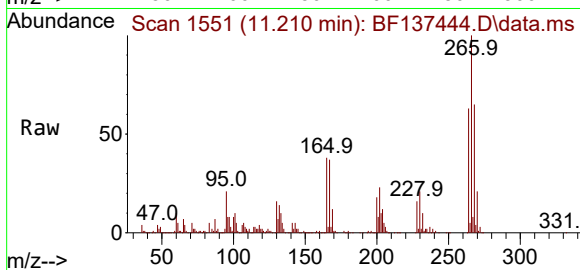
Tgt Ion:266 Resp: 270831

Ion Ratio Lower Upper

266 100

268 65.3 50.2 75.2

264 63.0 50.9 76.3



#71

Phenanthrene

Concen: 47.578 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

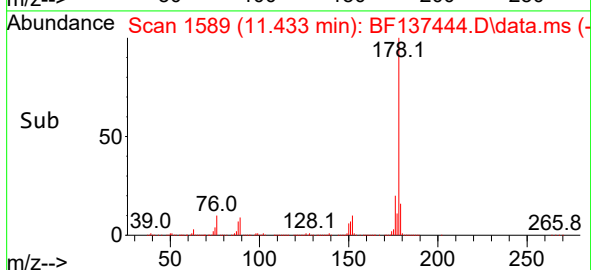
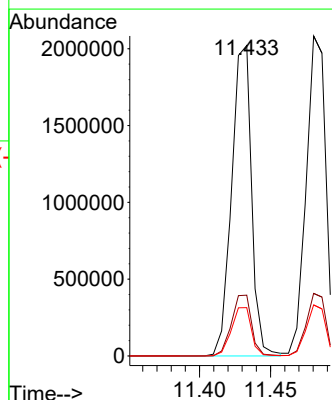
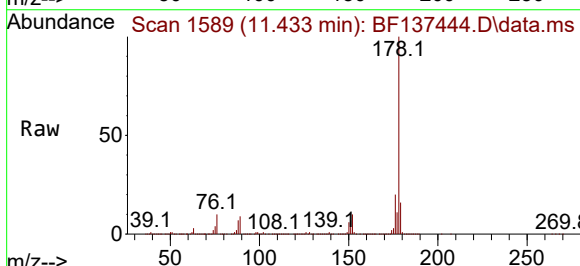
Tgt Ion:178 Resp: 1971858

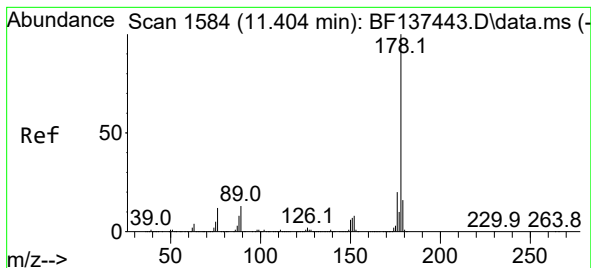
Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 15.6 12.2 18.2





#72

Anthracene

Concen: 48.527 ng

RT: 11.480 min Scan# 11

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

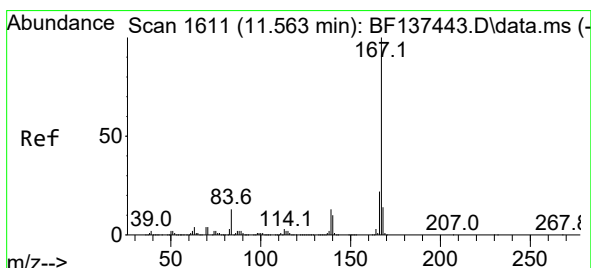
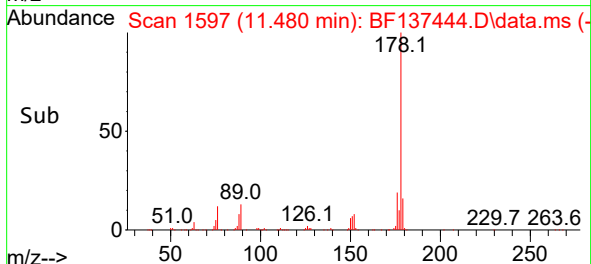
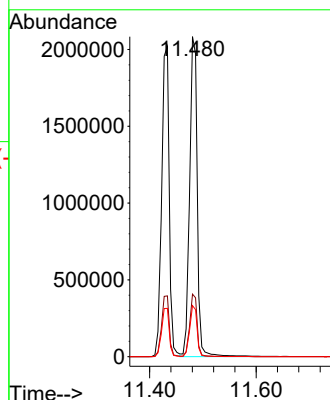
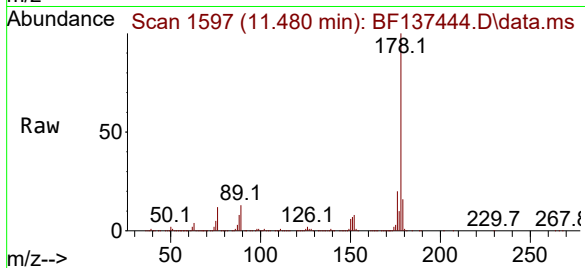
Tgt Ion:178 Resp: 2065587

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 16.0 12.7 19.1



#73

Carbazole

Concen: 48.618 ng

RT: 11.639 min Scan# 1624

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

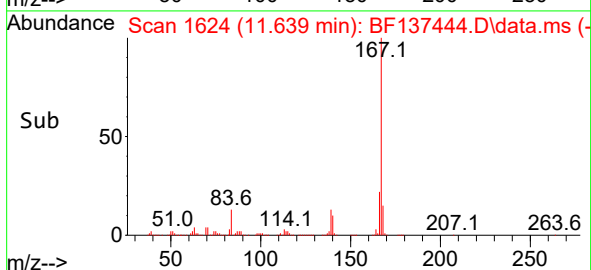
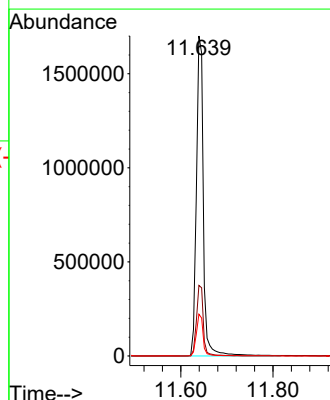
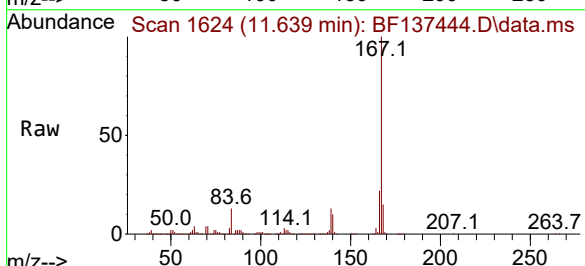
Tgt Ion:167 Resp: 1772628

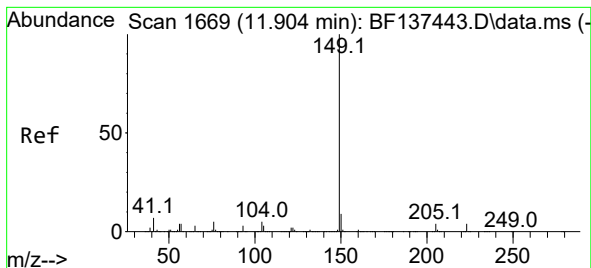
Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

139 13.1 10.5 15.7





#74

Di-n-butylphthalate

Concen: 48.975 ng

RT: 11.980 min Scan# 1

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

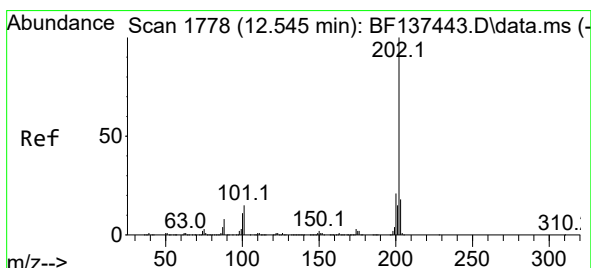
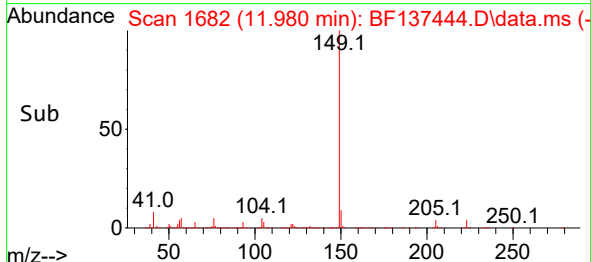
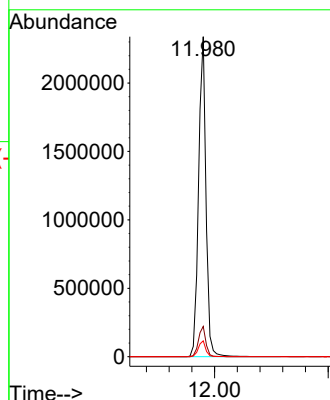
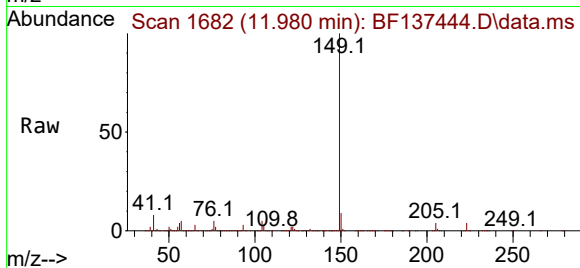
Tgt Ion:149 Resp: 2124515

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 5.0 3.8 5.6



#75

Fluoranthene

Concen: 47.214 ng

RT: 12.627 min Scan# 1792

Delta R.T. 0.082 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

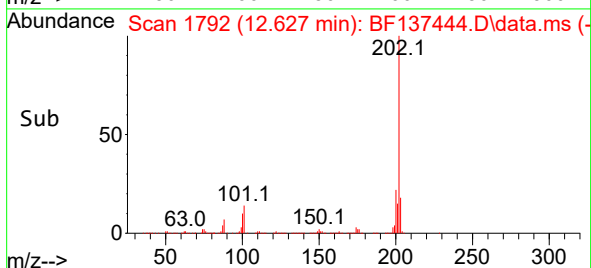
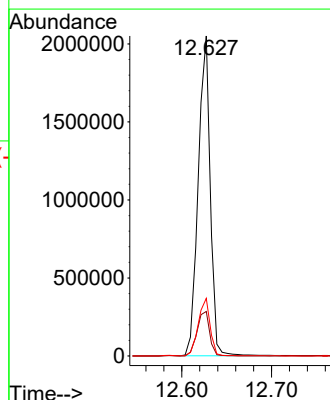
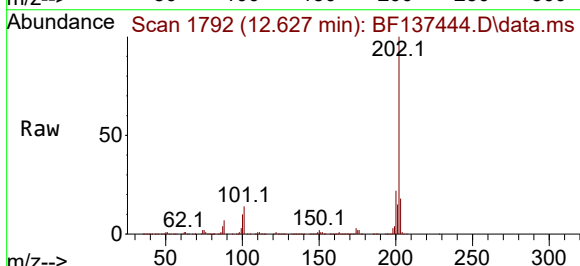
Tgt Ion:202 Resp: 1912701

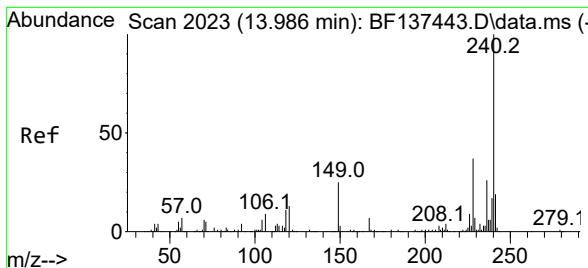
Ion Ratio Lower Upper

202 100

101 13.9 0.0 35.0

203 18.0 0.0 37.7

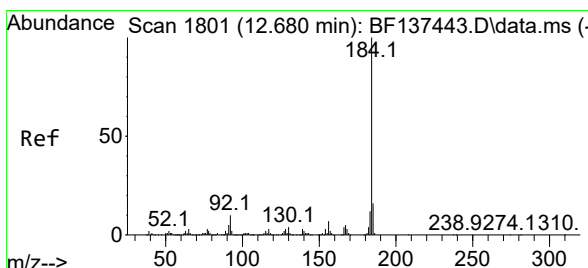
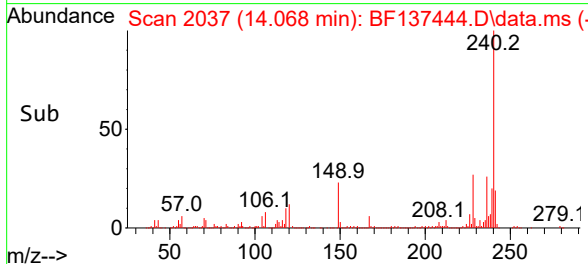
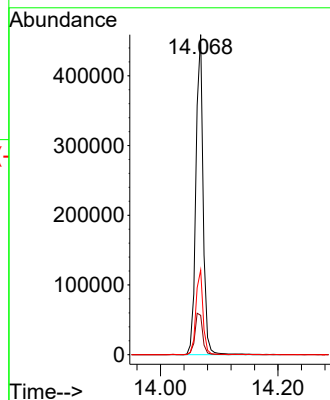
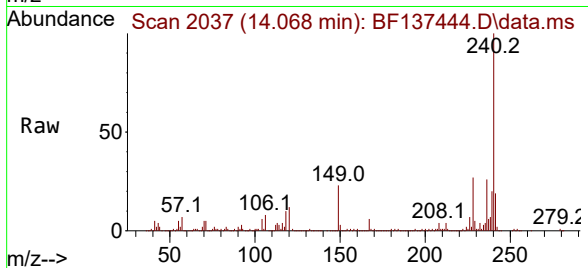




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. 0.082 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

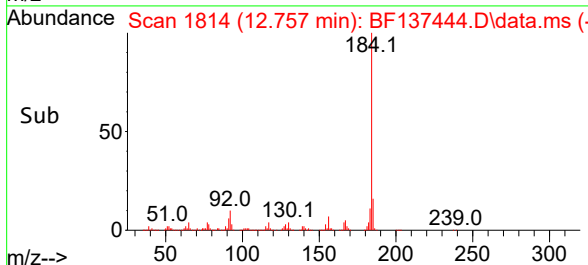
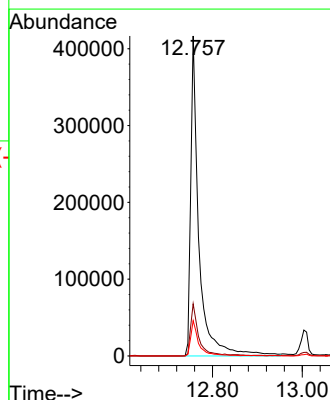
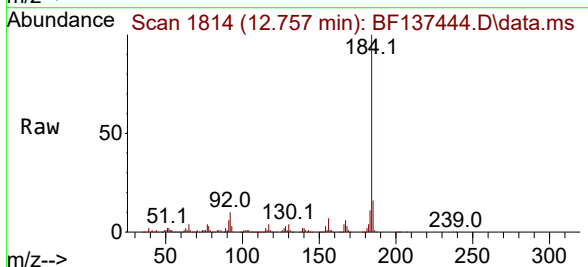
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

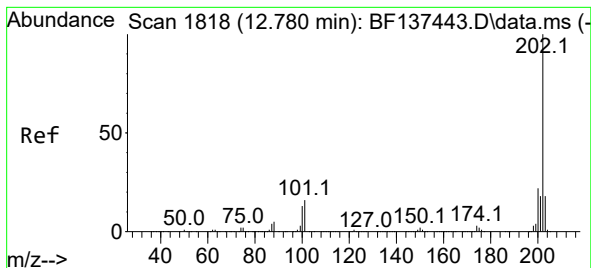
Tgt Ion:240 Resp: 391785
Ion Ratio Lower Upper
240 100
120 12.3 10.4 15.6
236 26.4 20.9 31.3



#77
Benzidine
Concen: 55.878 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion:184 Resp: 529981
Ion Ratio Lower Upper
184 100
185 16.3 13.2 19.8
183 11.1 9.3 13.9





#78

Pyrene

Concen: 50.174 ng

RT: 12.857 min Scan# 1831

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

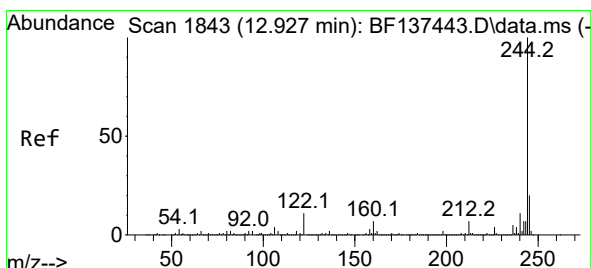
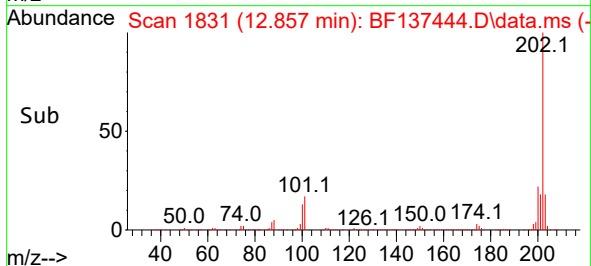
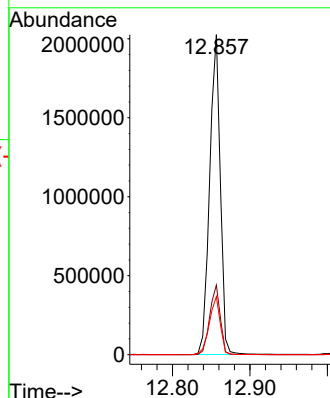
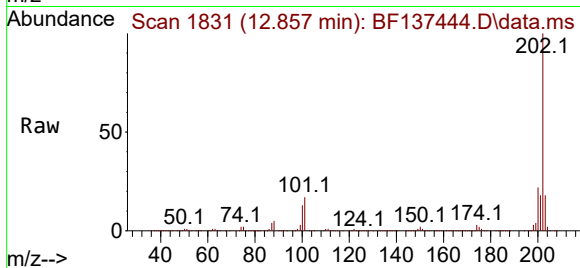
Tgt Ion:202 Resp: 1928850

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

203 18.2 14.1 21.1



#79

Terphenyl-d14

Concen: 99.090 ng

RT: 13.010 min Scan# 1857

Delta R.T. 0.082 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

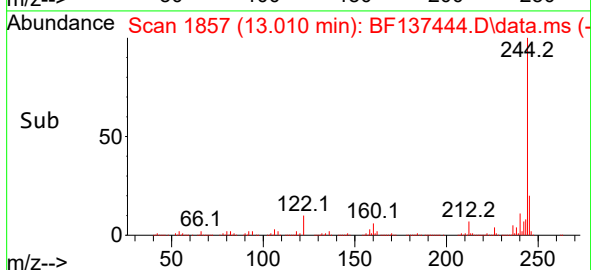
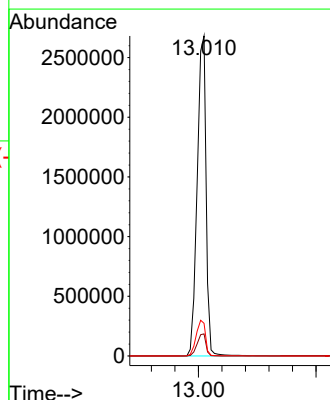
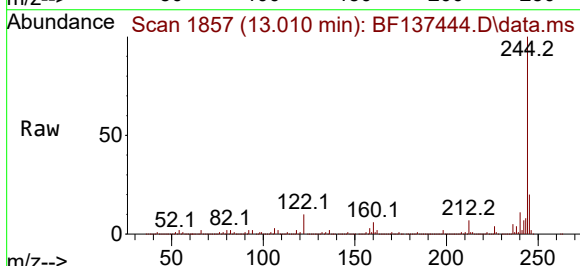
Tgt Ion:244 Resp: 2823201

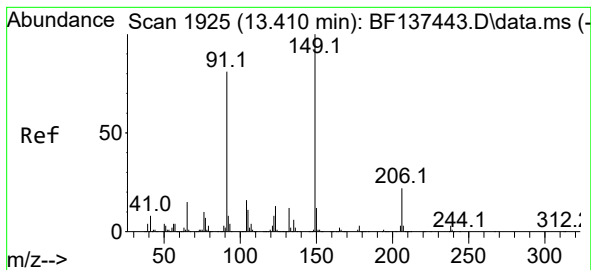
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.2 9.1 13.7





#80

Butylbenzylphthalate

Concen: 53.897 ng

RT: 13.486 min Scan# 1925

Delta R.T. 0.076 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

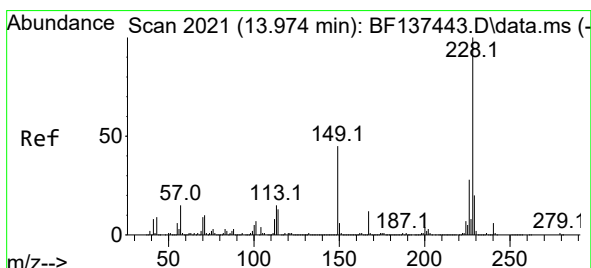
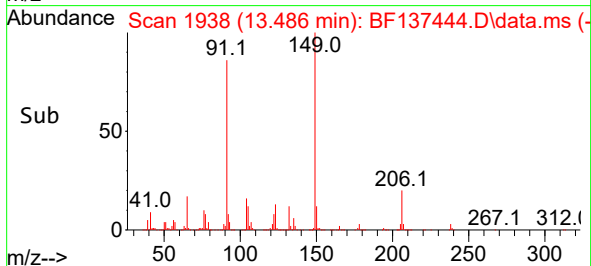
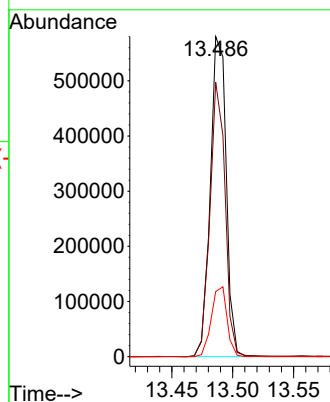
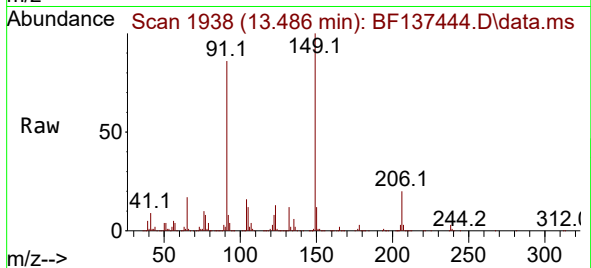
Tgt Ion:149 Resp: 529145

Ion Ratio Lower Upper

149 100

91 85.7 64.7 97.1

206 20.4 17.5 26.3



#81

Benzo(a)anthracene

Concen: 49.234 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.082 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

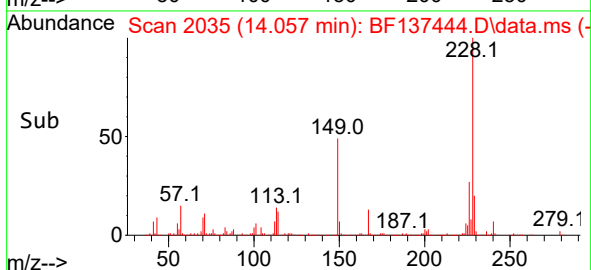
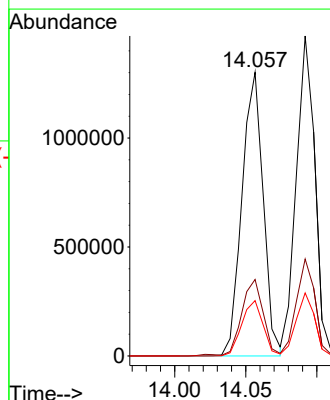
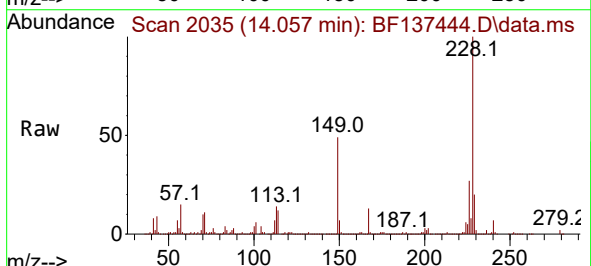
Tgt Ion:228 Resp: 1351950

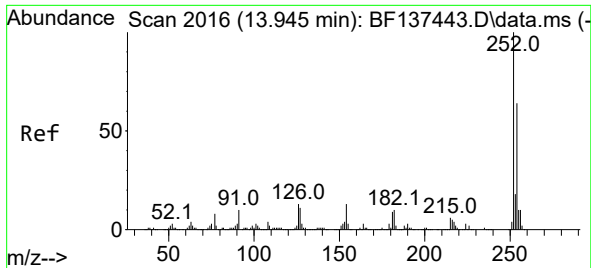
Ion Ratio Lower Upper

228 100

226 27.0 22.3 33.5

229 19.5 16.3 24.5

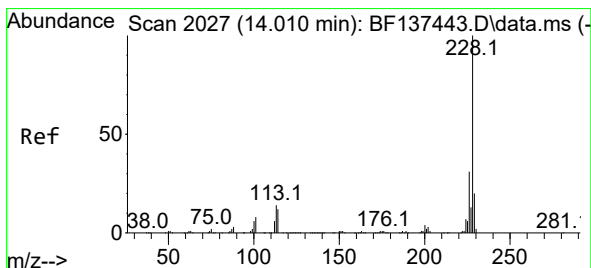
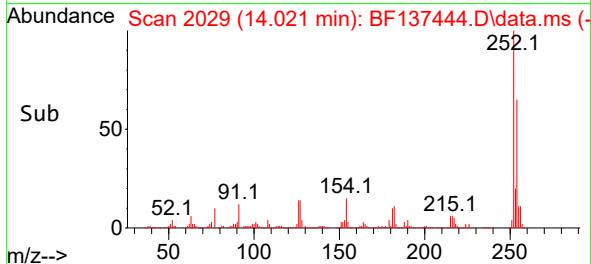
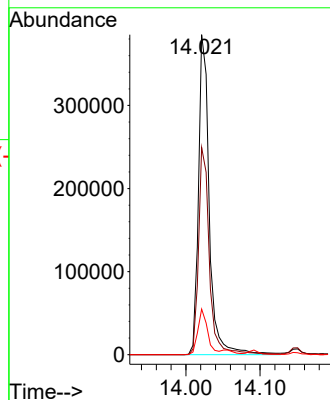
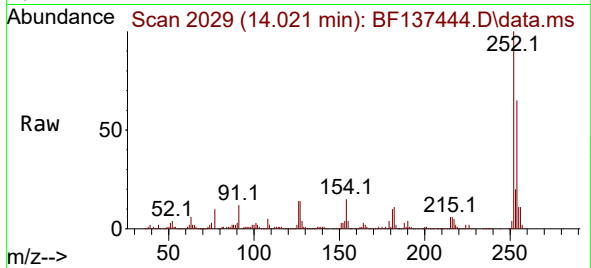




#82
3,3'-Dichlorobenzidine
Concen: 53.364 ng
RT: 14.021 min Scan# 2041
Delta R.T. 0.076 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

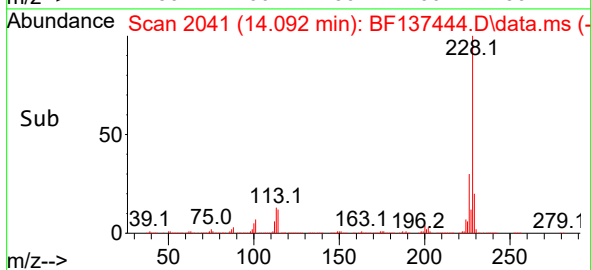
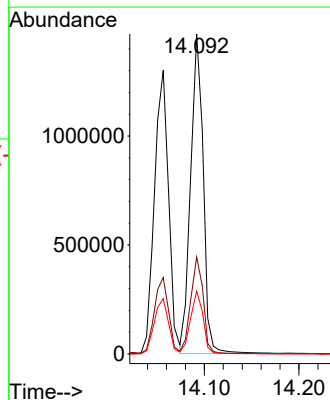
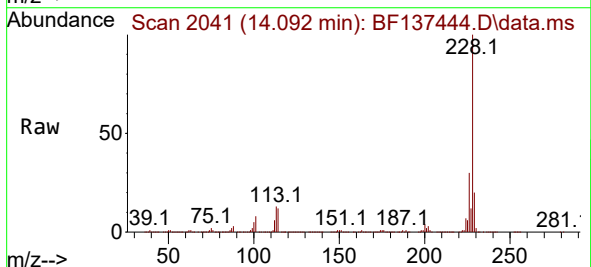
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

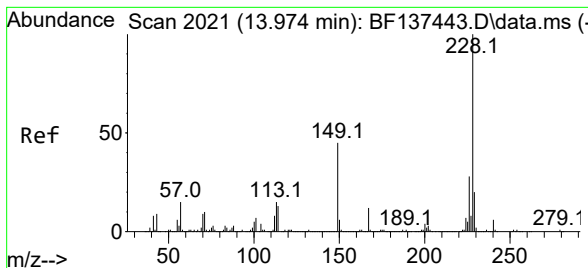
Tgt Ion:252 Resp: 390226
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.2
126 14.3 10.4 15.6



#83
Chrysene
Concen: 48.841 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.082 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion:228 Resp: 1355514
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 19.7 15.9 23.9

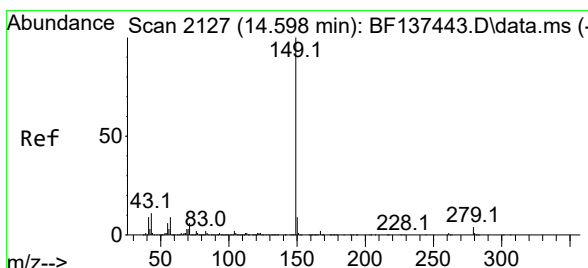
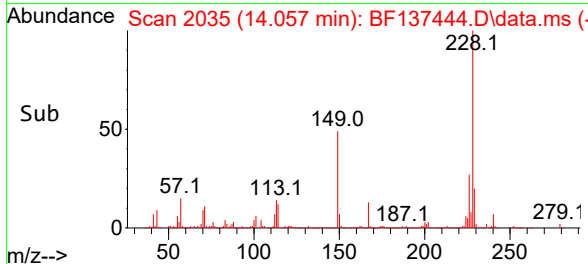
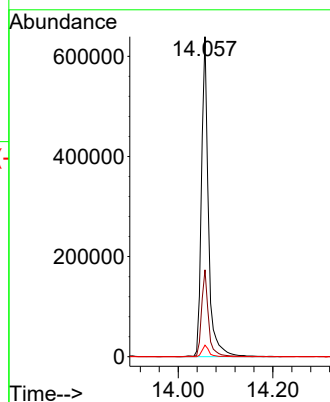
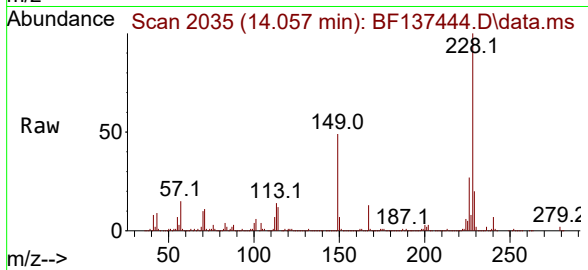




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.405 ng
 RT: 14.057 min Scan# 2021
 Delta R.T. 0.082 min
 Lab File: BF137444.D
 Acq: 29 Feb 2024 16:13

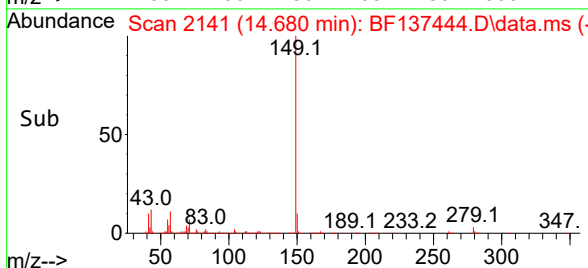
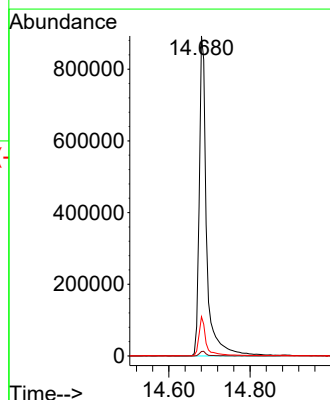
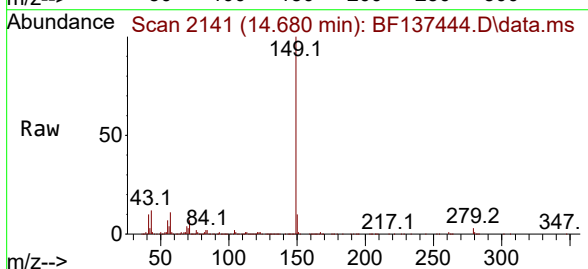
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

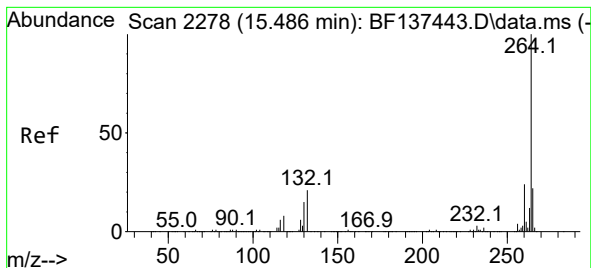
Tgt Ion:149 Resp: 653940
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 3.6 2.6 4.0



#85
 Di-n-octyl phthalate
 Concen: 52.227 ng
 RT: 14.680 min Scan# 2141
 Delta R.T. 0.082 min
 Lab File: BF137444.D
 Acq: 29 Feb 2024 16:13

Tgt Ion:149 Resp: 1146318
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.0 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.598 min Scan# 21

Delta R.T. 0.112 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

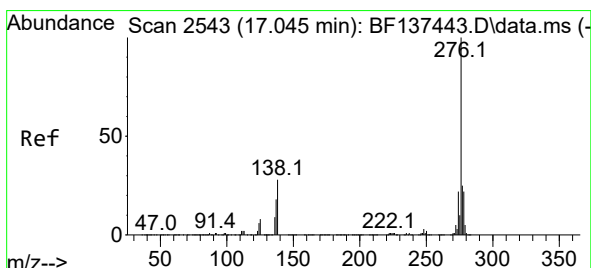
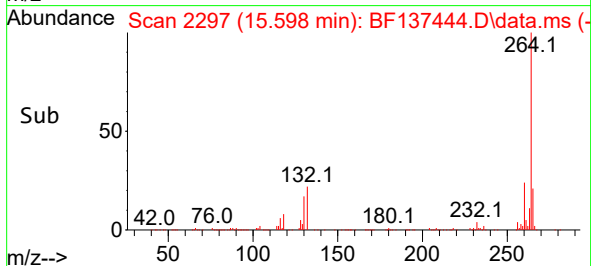
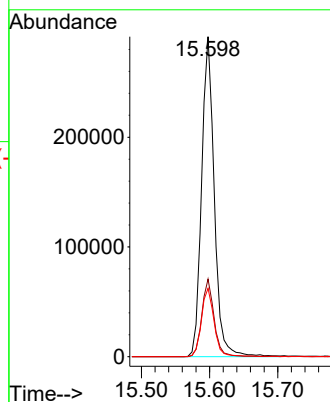
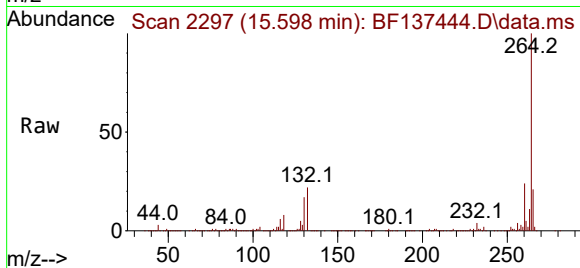
Tgt Ion:264 Resp: 377433

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.4 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 51.490 ng

RT: 17.203 min Scan# 2570

Delta R.T. 0.159 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

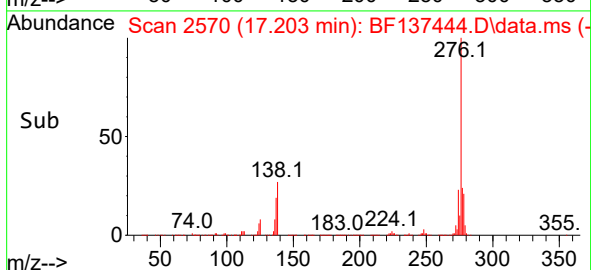
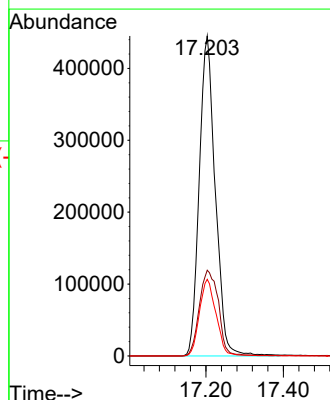
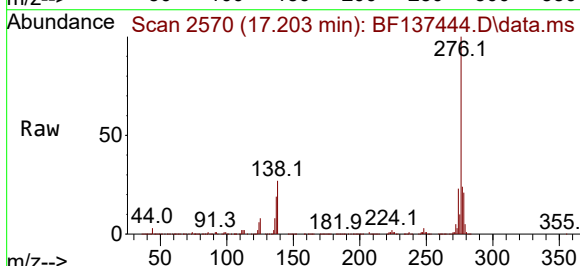
Tgt Ion:276 Resp: 1278901

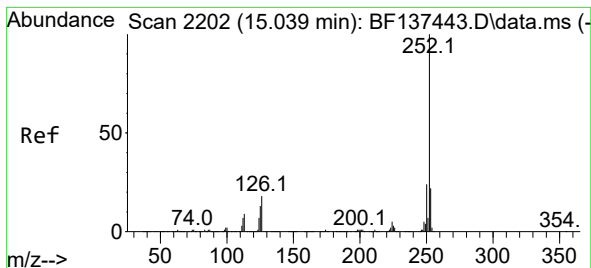
Ion Ratio Lower Upper

276 100

138 31.7 25.8 38.8

277 24.8 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 49.263 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.106 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

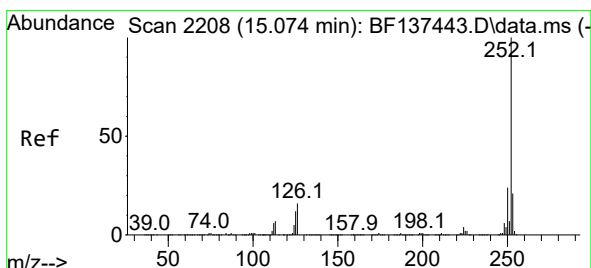
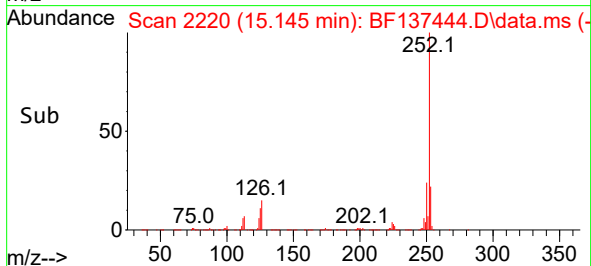
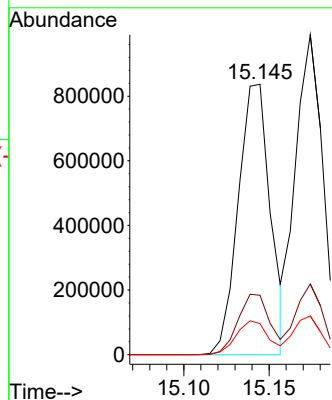
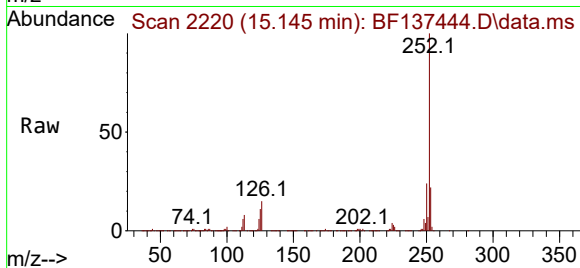
Tgt Ion:252 Resp: 1099875

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 11.5 10.1 15.1



#89

Benzo(k)fluoranthene

Concen: 47.893 ng

RT: 15.174 min Scan# 2225

Delta R.T. 0.100 min

Lab File: BF137444.D

Acq: 29 Feb 2024 16:13

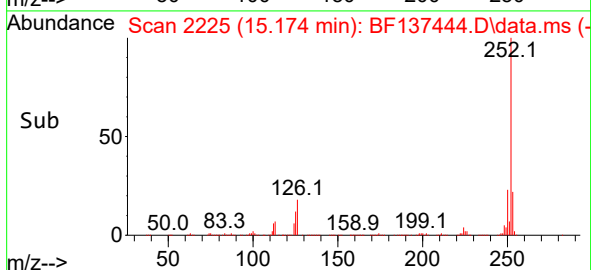
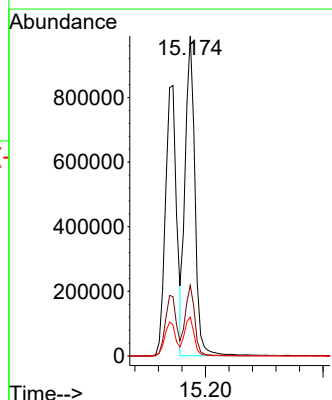
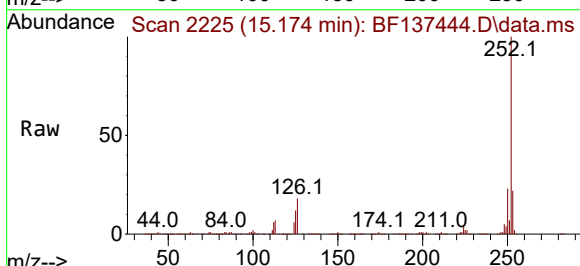
Tgt Ion:252 Resp: 1148525

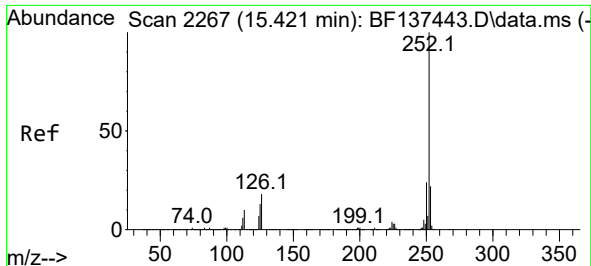
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 12.1 9.6 14.4

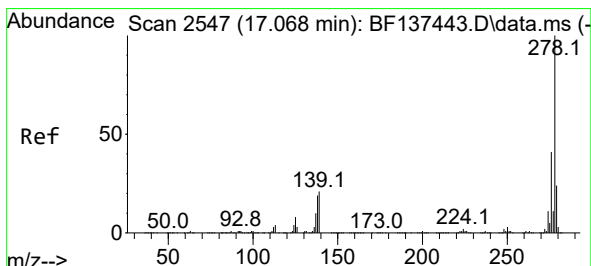
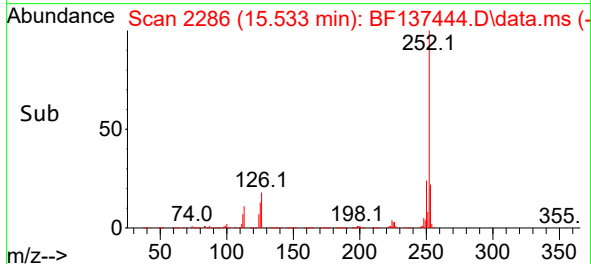
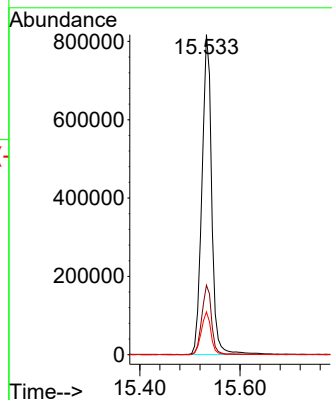
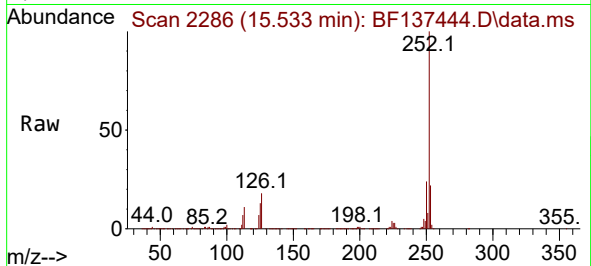




#90
Benzo(a)pyrene
Concen: 49.950 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.112 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

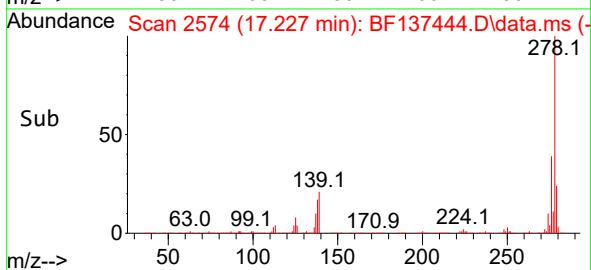
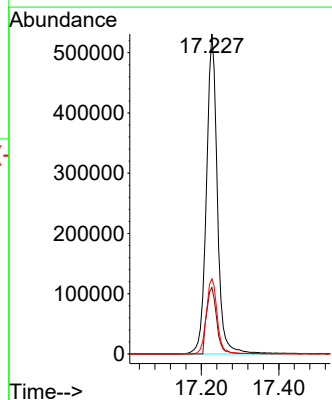
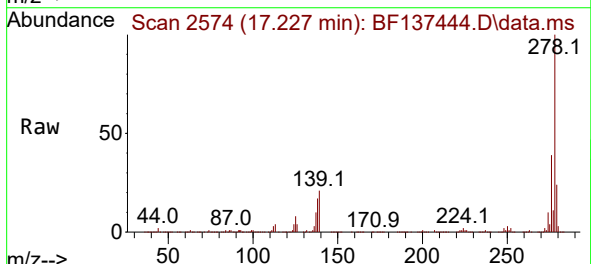
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

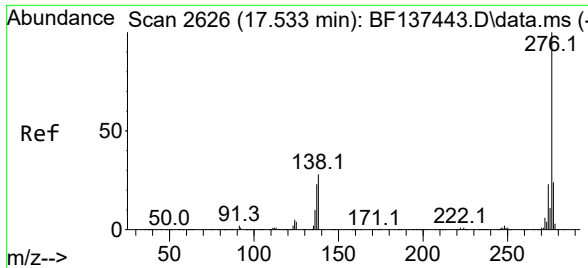
Tgt Ion:252 Resp: 1098986
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 13.3 10.4 15.6



#91
Dibenzo(a,h)anthracene
Concen: 51.557 ng
RT: 17.227 min Scan# 2574
Delta R.T. 0.159 min
Lab File: BF137444.D
Acq: 29 Feb 2024 16:13

Tgt Ion:278 Resp: 1038798
Ion Ratio Lower Upper
278 100
139 20.8 17.0 25.6
279 23.5 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 51.638 ng
 RT: 17.692 min Scan# 20
 Delta R.T. 0.159 min
 Lab File: BF137444.D
 Acq: 29 Feb 2024 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:276 Resp: 1068514
 Ion Ratio Lower Upper
 276 100
 277 23.3 19.0 28.4
 138 27.3 22.2 33.2

