

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022924\
 Data File : BF137446.D
 Acq On : 29 Feb 2024 17:14
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Mar 01 03:00:24 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	8.157	136	813309	20.000	ng	0.08
39) Acenaphthene-d10	9.916	164	445069	20.000	ng	0.08
64) Phenanthrene-d10	11.410	188	736364	20.000	ng	0.08
76) Chrysene-d12	14.068	240	351464	20.000	ng	0.08
86) Perylene-d12	15.604	264	389716	20.000	ng	0.12

System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2007293	0.000	ng	0.11
7) Phenol-d6	6.539	99	2792541	0.000	ng	0.09
23) Nitrobenzene-d5	7.451	82	2578369	147.301	ng	0.08
42) 2,4,6-Tribromophenol	10.716	330	610924	156.307	ng	0.08
45) 2-Fluorobiphenyl	9.239	172	3691386	129.831	ng	0.08
79) Terphenyl-d14	13.015	244	3755156	146.921	ng	0.09

Target Compounds					Qvalue	
22) Acetophenone	7.298	105	1341318	68.162	ng	# 93
24) Nitrobenzene	7.469	77	1324924	75.349	ng	99
25) Isophorone	7.710	82	2511955	75.537	ng	99
26) 2-Nitrophenol	7.781	139	564036	80.796	ng	95
27) 2,4-Dimethylphenol	7.822	122	948026	72.678	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1422422	72.901	ng	99
29) 2,4-Dichlorophenol	8.022	162	886882	74.082	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	897972	71.277	ng	99
31) Naphthalene	8.181	128	2955317	67.725	ng	100
32) Benzoic acid	7.986	122	592737	80.358	ng	100
33) 4-Chloroaniline	8.233	127	1226213	71.662	ng	96
34) Hexachlorobutadiene	8.292	225	537841	72.313	ng	99
35) Caprolactam	8.633	113	253911	62.516	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	988017	73.833	ng	99
37) 2-Methylnaphthalene	8.869	142	1874544	67.385	ng	97
38) 1-Methylnaphthalene	8.969	142	1770217	67.572	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	886892	71.378	ng	99
41) Hexachlorocyclopentadiene	9.022	237	409030	102.379	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	617156	76.273	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	701821	75.296	ng	96
46) 1,1'-Biphenyl	9.339	154	2210708	67.865	ng	99
47) 2-Chloronaphthalene	9.363	162	1764543	71.048	ng	98
48) 2-Nitroaniline	9.469	65	699869	82.908	ng	98
49) Acenaphthylene	9.780	152	2632322	66.229	ng	99
50) Dimethylphthalate	9.651	163	2236619	72.191	ng	99
51) 2,6-Dinitrotoluene	9.716	165	499680	77.109	ng	# 85
52) Acenaphthene	9.951	154	1638433	69.049	ng	99
53) 3-Nitroaniline	9.886	138	542620	79.164	ng	96
54) 2,4-Dinitrophenol	9.986	184	253099	102.440	ng	97
55) Dibenzofuran	10.127	168	2367212	65.500	ng	99
56) 4-Nitrophenol	10.051	139	380622	89.896	ng	97
57) 2,4-Dinitrotoluene	10.116	165	587451	73.787	ng	# 85
58) Fluorene	10.469	166	1812955	65.319	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	575855	76.453	ng	98
60) Diethylphthalate	10.351	149	2040228	69.735	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	913359	67.146	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022924\
 Data File : BF137446.D
 Acq On : 29 Feb 2024 17:14
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Mar 01 03:00:24 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)
62) 4-Nitroaniline	10.510	138	475979	84.067	ng	96
63) Azobenzene	10.627	77	2369794	70.343	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	354562	86.392	ng	96
66) n-Nitrosodiphenylamine	10.586	169	1710733	72.147	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	607113	75.697	ng	98
68) Hexachlorobenzene	11.016	284	604907	74.674	ng	96
69) Atrazine	11.121	200	541984	75.189	ng	96
70) Pentachlorophenol	11.210	266	405019	82.708	ng	99
71) Phenanthrene	11.439	178	2735417	68.258	ng	98
72) Anthracene	11.492	178	2836722	68.922	ng	100
73) Carbazole	11.651	167	2423300	68.736	ng	100
74) Di-n-butylphthalate	11.980	149	2940666	70.106	ng	98
75) Fluoranthene	12.633	202	2603446	66.462	ng	97
77) Benzidine	12.763	184	621444	73.038	ng	99
78) Pyrene	12.863	202	2570338	74.532	ng	100
80) Butylbenzylphthalate	13.492	149	742644	84.321	ng	100
81) Benzo(a)anthracene	14.057	228	1827568	74.189	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	566915	86.420	ng	99
83) Chrysene	14.098	228	1906621	76.580	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	930755	83.145	ng	99
85) Di-n-octyl phthalate	14.686	149	1861517	94.542	ng	100
87) Indeno(1,2,3-cd)pyrene	17.215	276	2033544	79.293	ng	99
88) Benzo(b)fluoranthene	15.151	252	1702306	73.842	ng	99
89) Benzo(k)fluoranthene	15.180	252	1760159	71.085	ng	98
90) Benzo(a)pyrene	15.539	252	1717789	75.614	ng	99
91) Dibenzo(a,h)anthracene	17.245	278	1657182	79.656	ng	99
92) Benzo(g,h,i)perylene	17.709	276	1696728	79.414	ng	99

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

Instrument :

BNA F

ClientSampleId :

SSTDICC080

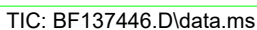
Quant Time: Mar 01 03:00:24 2024

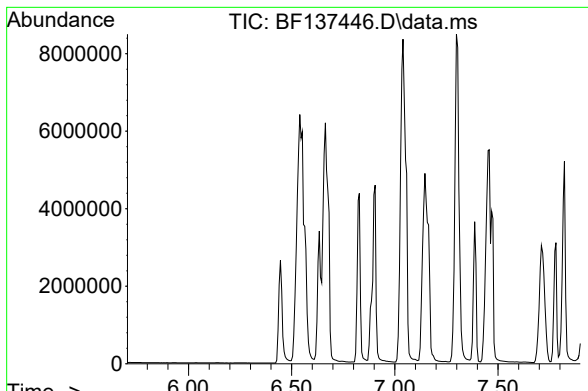
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Mar 01 02:54:30 2024

Response via : Initial Calibration

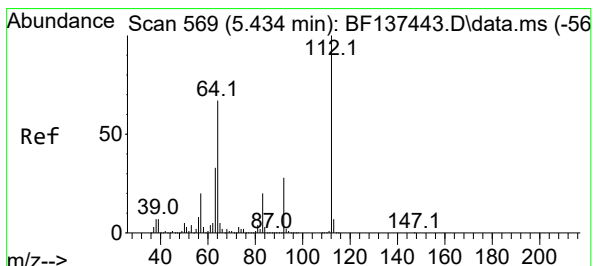
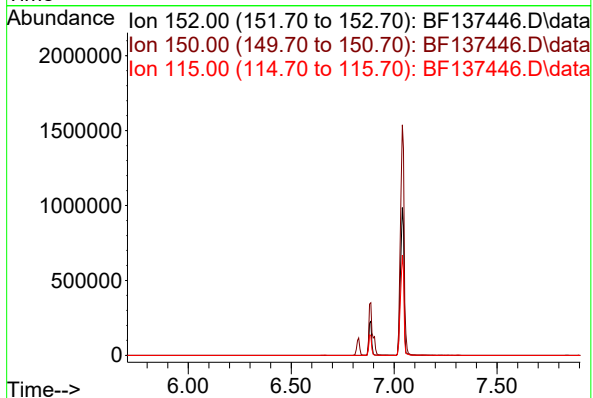




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.80 min
 Lab File: BF137446.D
 Acq: 29 Feb 2024 17:14

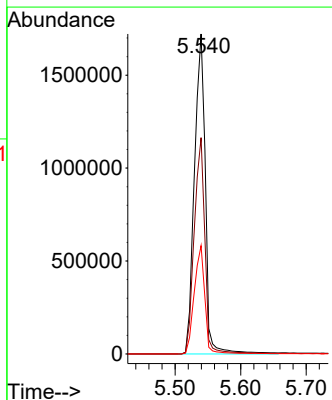
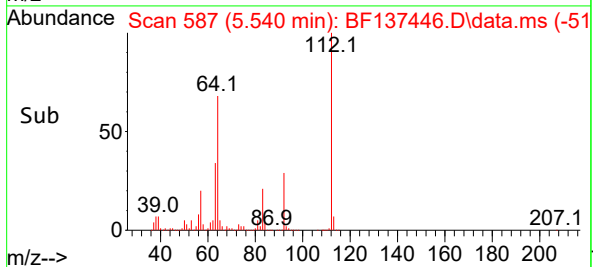
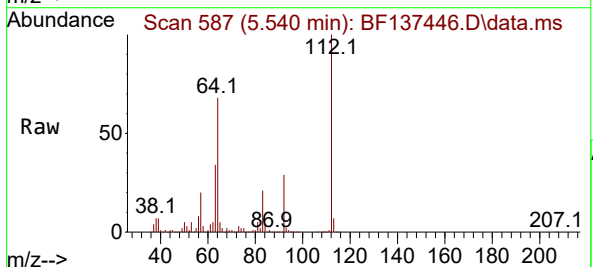
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

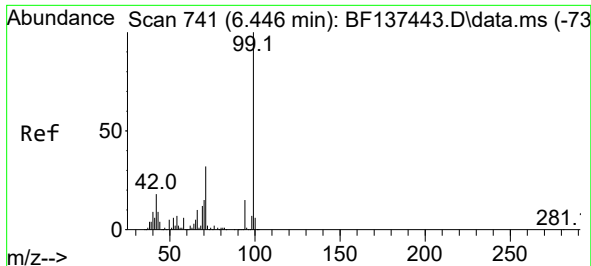
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 157.2
 115 61.0



#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.540 min Scan# 587
 Delta R.T. 0.106 min
 Lab File: BF137446.D
 Acq: 29 Feb 2024 17:14

Tgt Ion: 112 Resp: 2007293
 Ion Ratio Lower Upper
 112 100
 64 67.6 53.4 80.2
 63 33.9 26.2 39.2

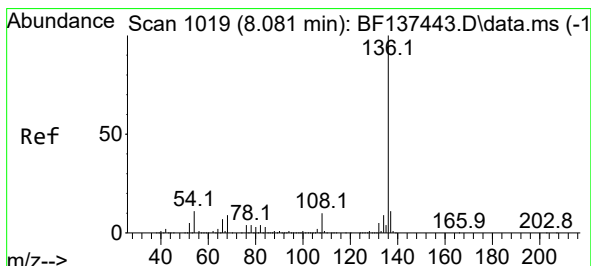
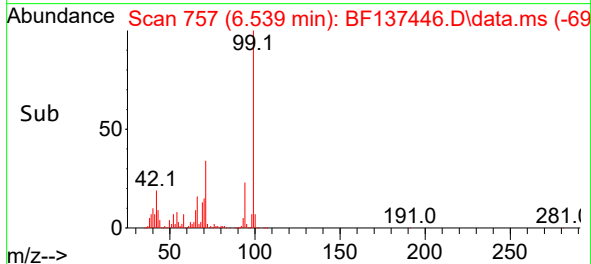
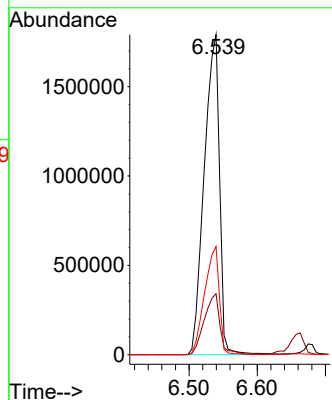
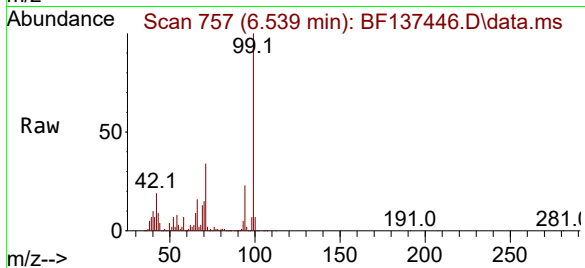




#7
Phenol-d6
Concen: 0.000 ng
RT: 6.539 min Scan# 71
Delta R.T. 0.094 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

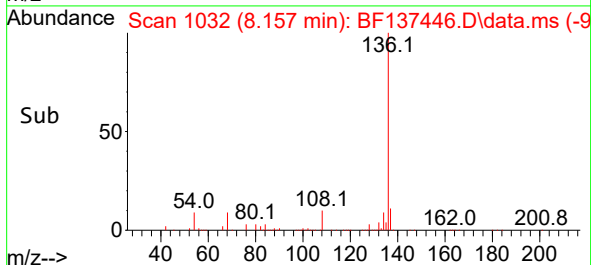
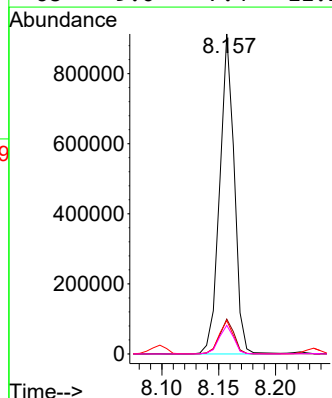
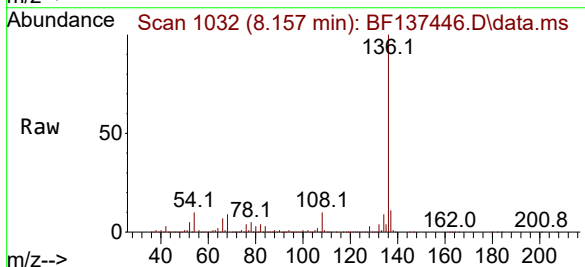
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

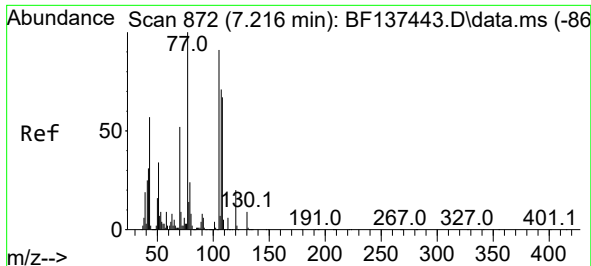
Tgt Ion: 99 Resp: 2792541
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 33.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.076 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion: 136 Resp: 813309
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.5 8.5 12.7
68 9.0 7.4 11.2

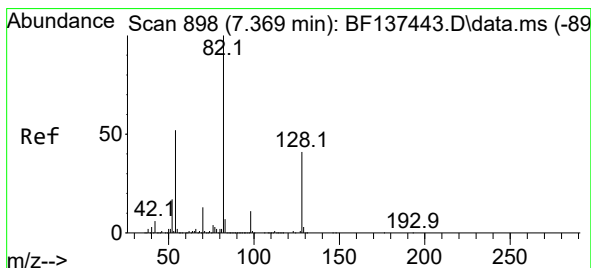
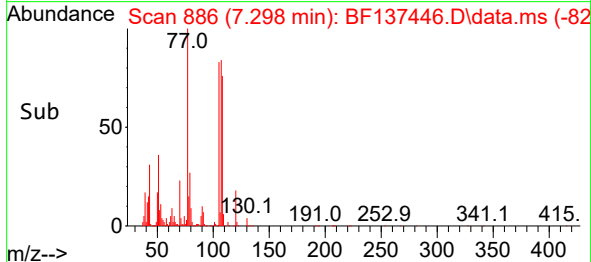
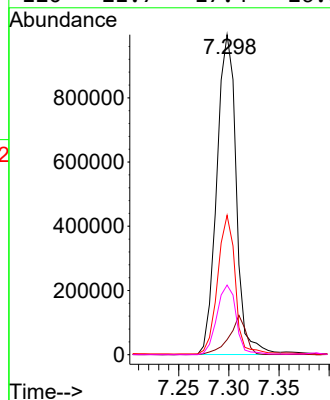
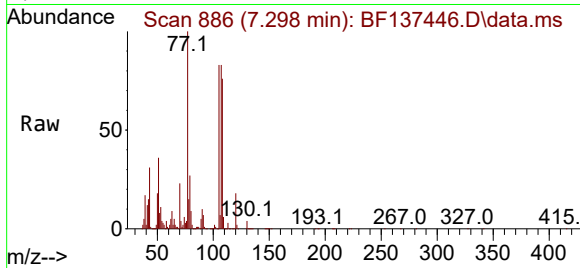




#22
Acetophenone
Concen: 68.162 ng
RT: 7.298 min Scan# 811
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

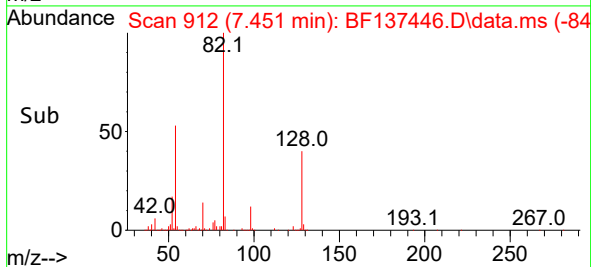
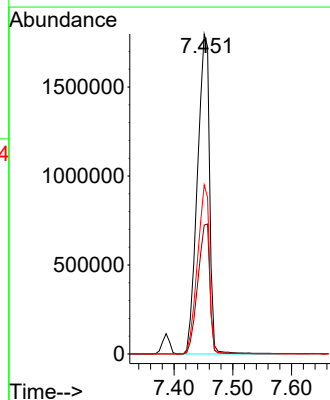
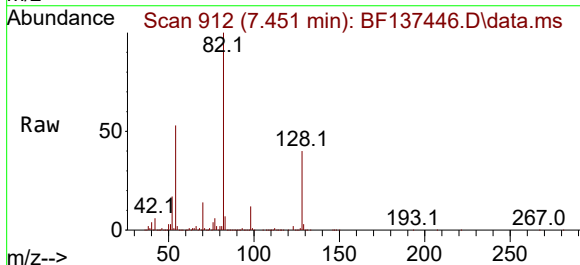
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

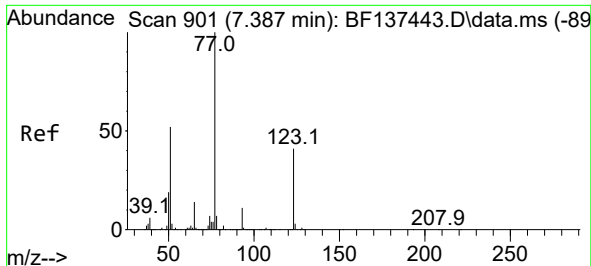
Tgt Ion:105 Resp: 1341318
Ion Ratio Lower Upper
105 100
71 4.7 7.7 11.5#
51 43.6 30.4 45.6
120 21.7 17.4 26.0



#23
Nitrobenzene-d5
Concen: 147.301 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion: 82 Resp: 2578369
Ion Ratio Lower Upper
82 100
128 40.3 32.5 48.7
54 52.9 41.5 62.3

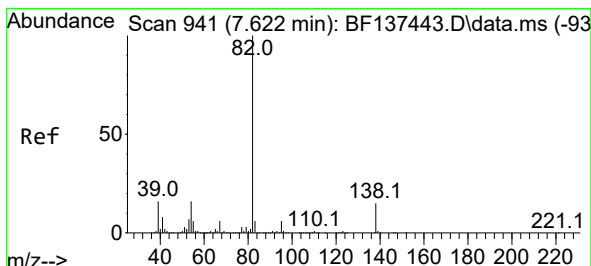
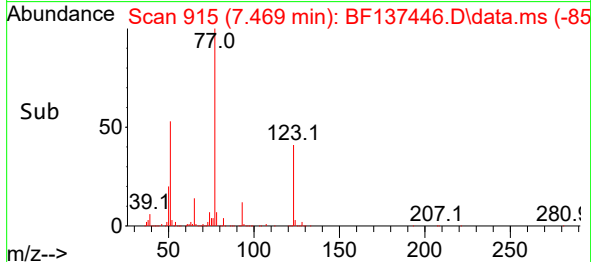
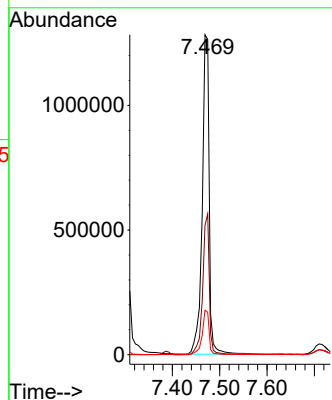
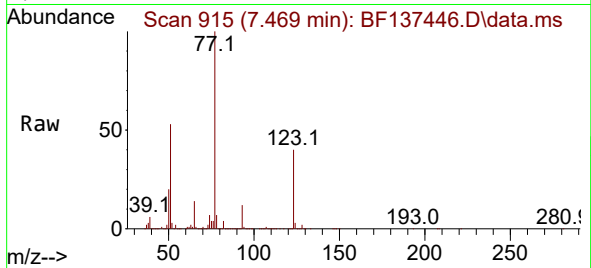




#24
Nitrobenzene
Concen: 75.349 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

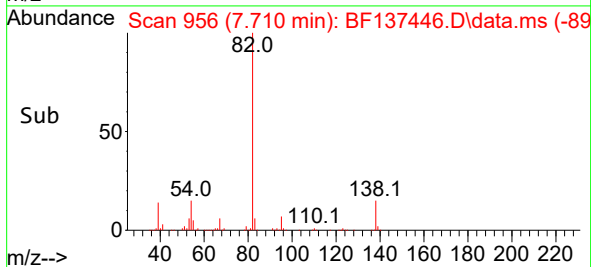
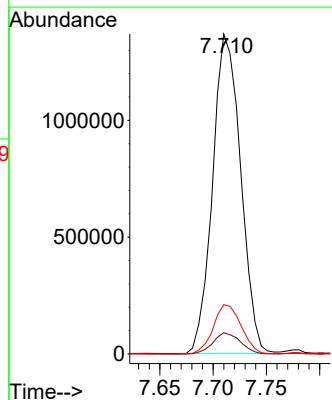
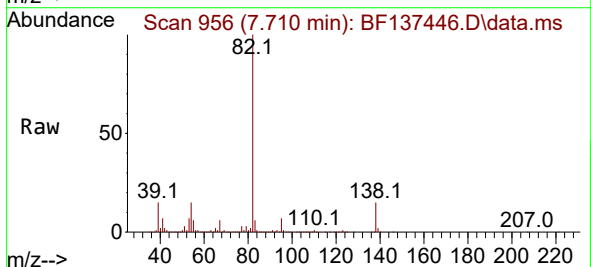
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

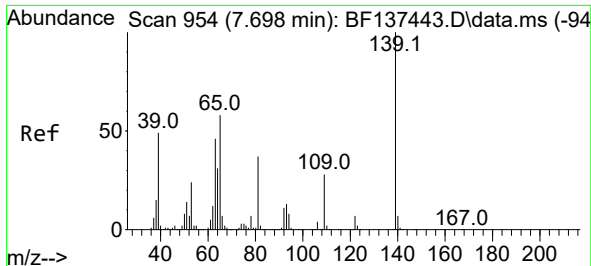
Tgt Ion: 77 Resp: 1324924
Ion Ratio Lower Upper
77 100
123 40.4 33.0 49.6
65 13.9 10.9 16.3



#25
Isophorone
Concen: 75.537 ng
RT: 7.710 min Scan# 956
Delta R.T. 0.088 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion: 82 Resp: 2511955
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.4 11.8 17.8

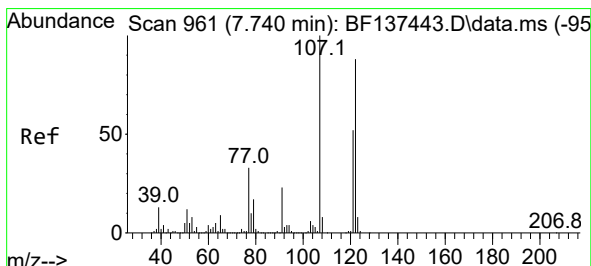
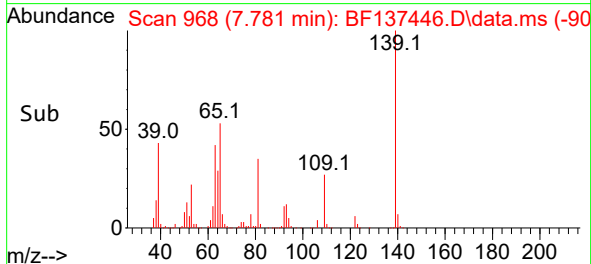
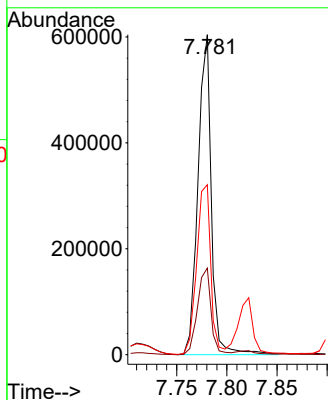
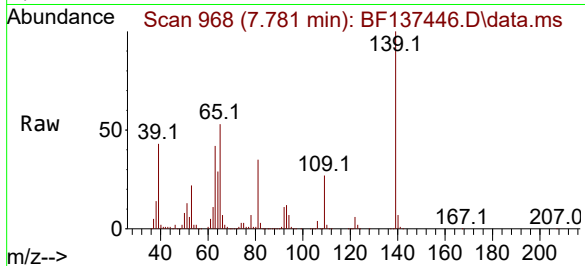




#26
2-Nitrophenol
Concen: 80.796 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

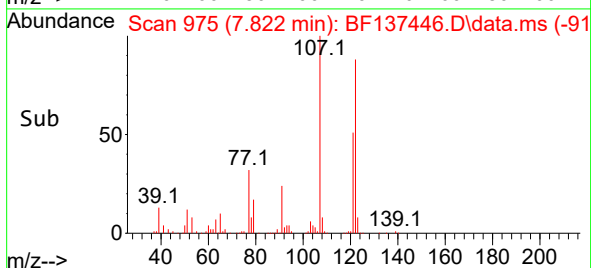
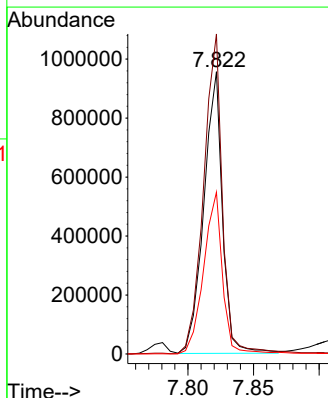
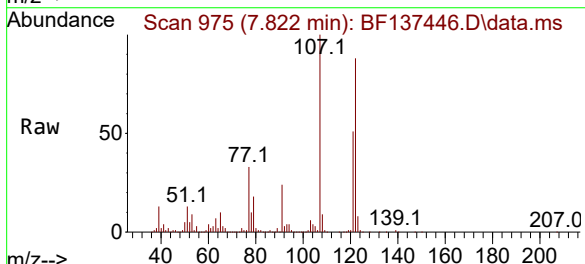
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

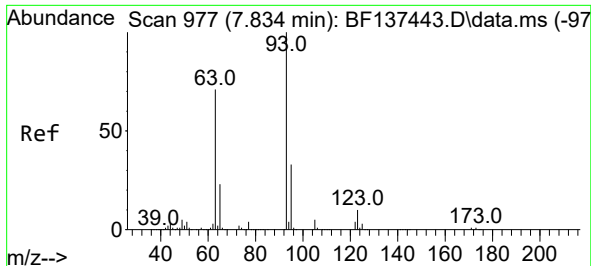
Tgt Ion:139 Resp: 564036
Ion Ratio Lower Upper
139 100
109 27.0 22.2 33.4
65 53.1 46.2 69.2



#27
2,4-Dimethylphenol
Concen: 72.678 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:122 Resp: 948026
Ion Ratio Lower Upper
122 100
107 113.3 90.9 136.3
121 57.3 47.0 70.6

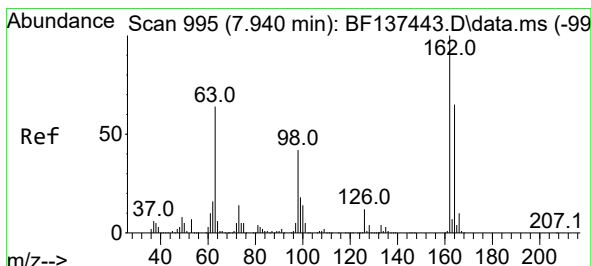
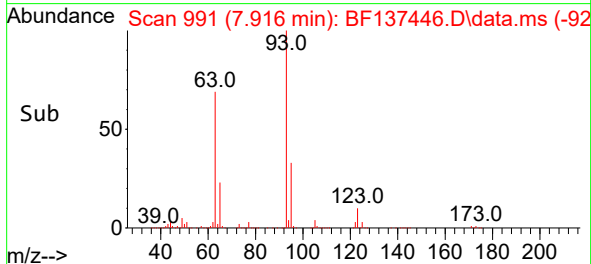
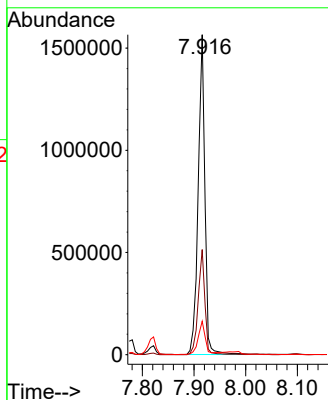
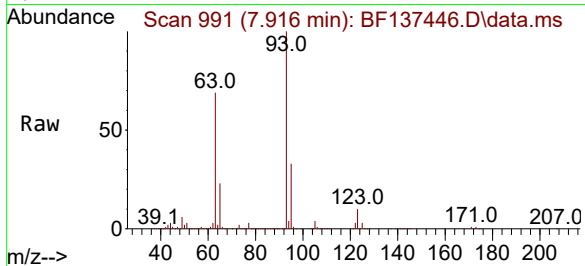




#28
bis(2-Chloroethoxy)methane
Concen: 72.901 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

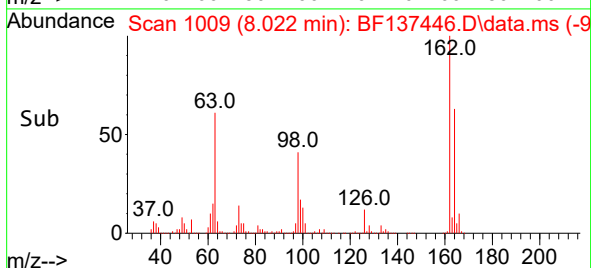
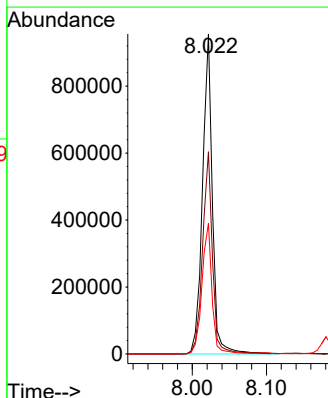
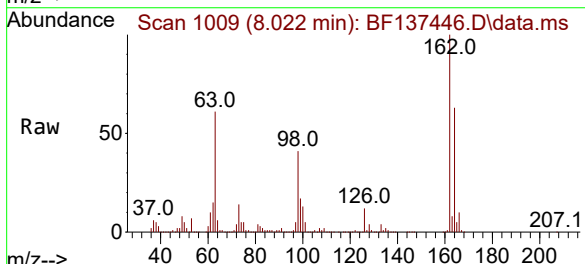
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

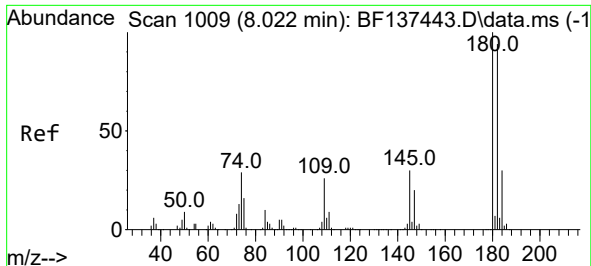
Tgt Ion: 93 Resp: 1422422
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 10.5 8.0 12.0



#29
2,4-Dichlorophenol
Concen: 74.082 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:162 Resp: 886882
Ion Ratio Lower Upper
162 100
164 63.2 44.7 84.7
98 40.9 22.0 62.0

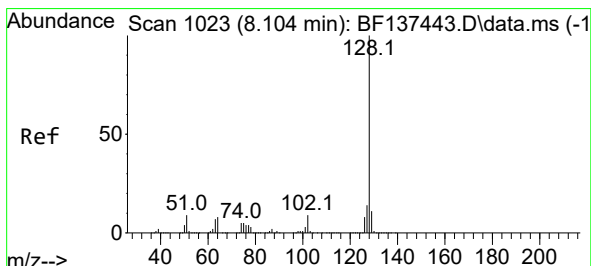
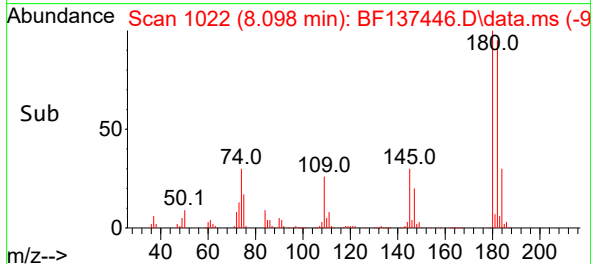
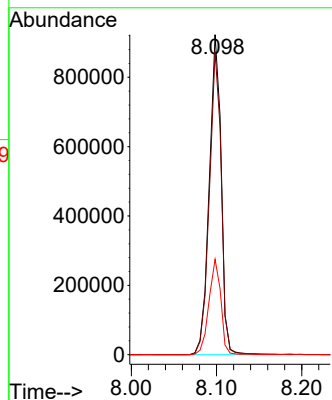
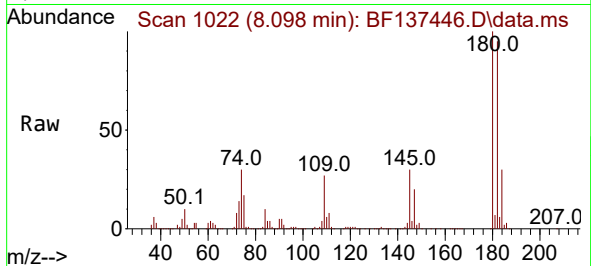




#30
1,2,4-Trichlorobenzene
Concen: 71.277 ng
RT: 8.098 min Scan# 1036
Delta R.T. 0.076 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

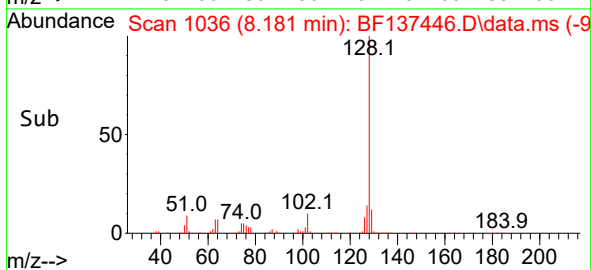
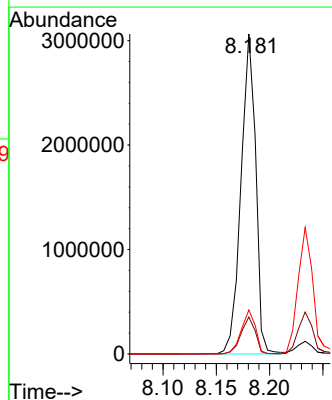
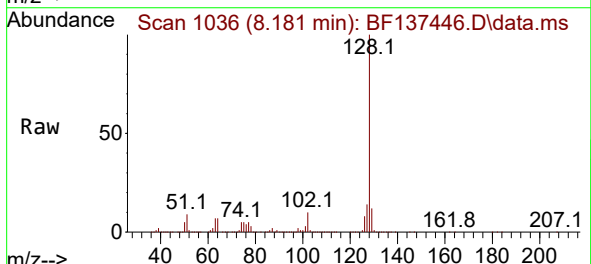
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

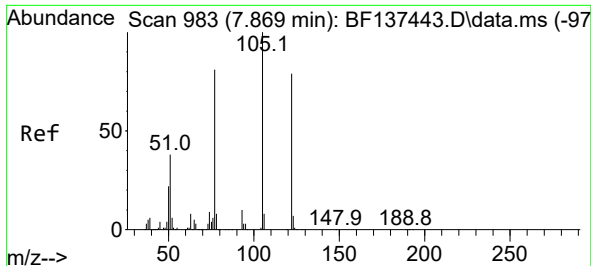
Tgt Ion:180 Resp: 897972
Ion Ratio Lower Upper
180 100
182 94.8 75.0 112.6
145 29.8 23.7 35.5



#31
Naphthalene
Concen: 67.725 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.076 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:128 Resp: 2955317
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.8 10.8 16.2

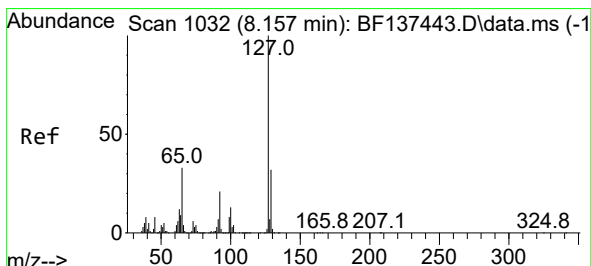
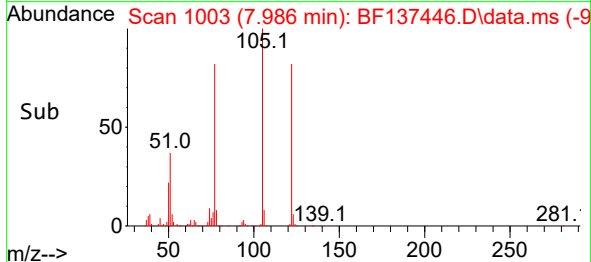
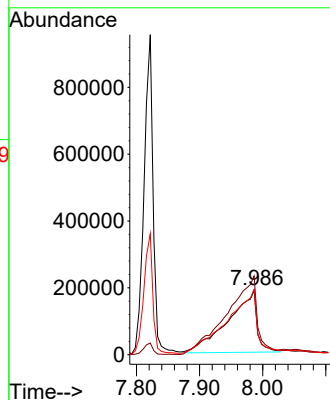
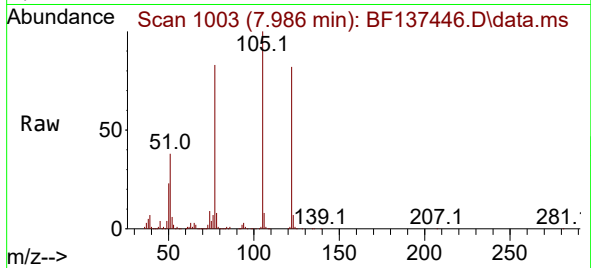




#32
Benzoic acid
Concen: 80.358 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.117 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

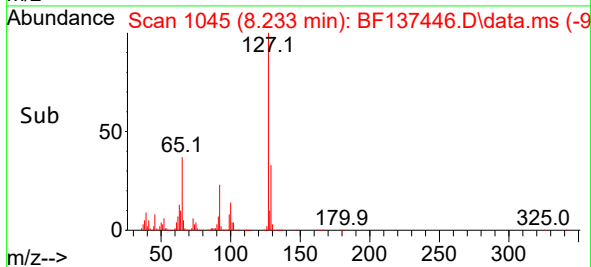
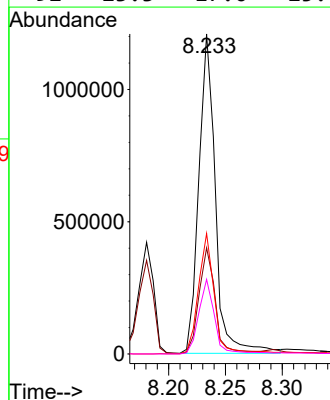
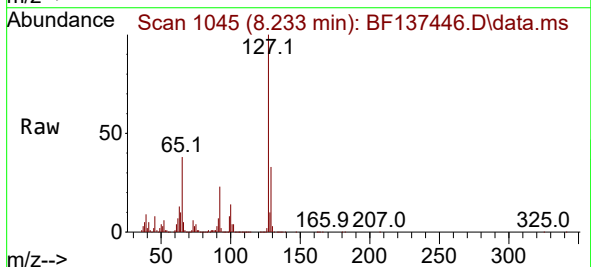
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

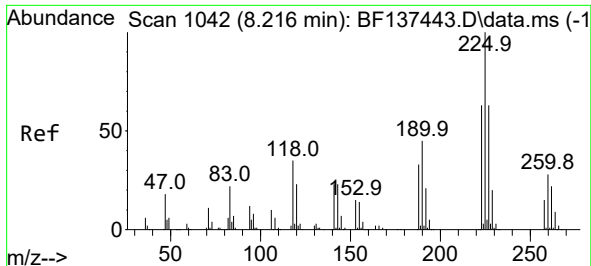
Tgt Ion:122 Resp: 592737
Ion Ratio Lower Upper
122 100
105 122.4 102.4 142.4
77 101.5 81.1 121.1



#33
4-Chloroaniline
Concen: 71.662 ng
RT: 8.233 min Scan# 1045
Delta R.T. 0.076 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:127 Resp: 1226213
Ion Ratio Lower Upper
127 100
129 33.2 26.0 39.0
65 37.6 26.8 40.2
92 23.3 17.0 25.6

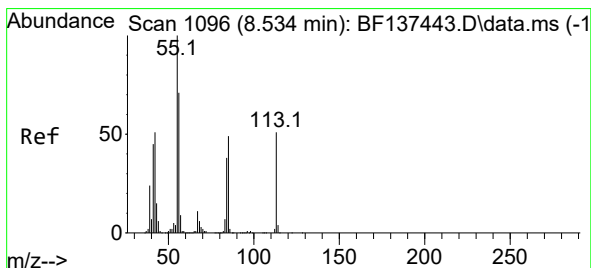
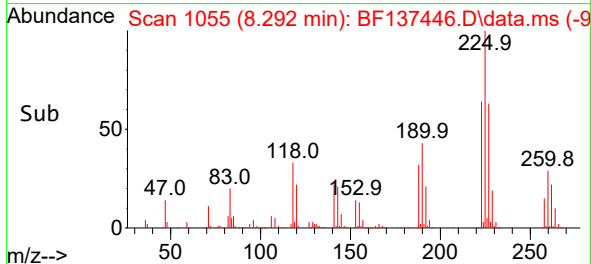
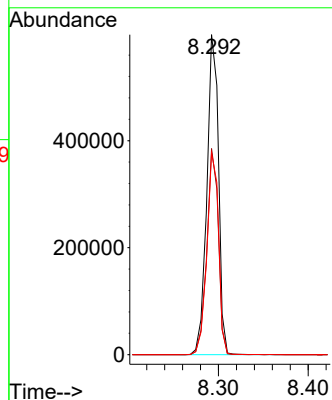
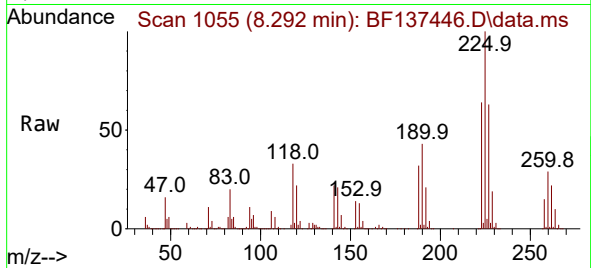




#34
Hexachlorobutadiene
Concen: 72.313 ng
RT: 8.292 min Scan# 1105
Delta R.T. 0.076 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

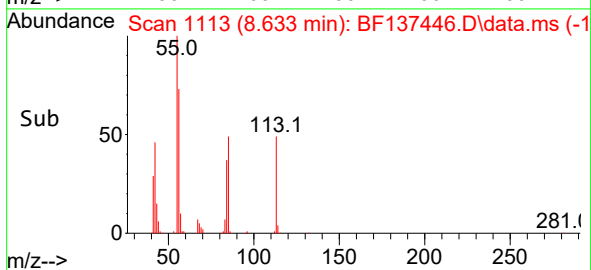
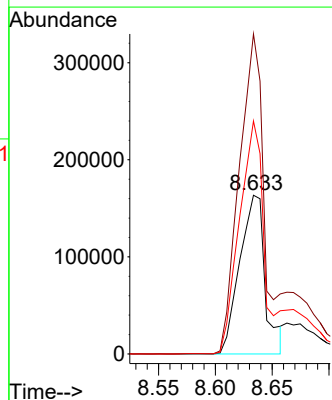
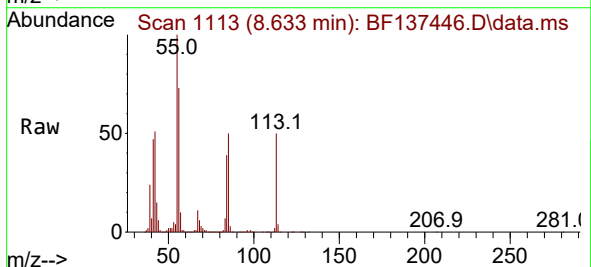
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

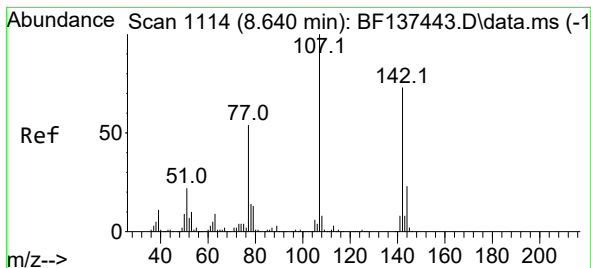
Tgt Ion:225 Resp: 537841
Ion Ratio Lower Upper
225 100
223 64.4 50.7 76.1
227 63.1 50.6 75.8



#35
Caprolactam
Concen: 62.516 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.100 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:113 Resp: 253911
Ion Ratio Lower Upper
113 100
55 201.6 176.7 216.7
56 146.8 120.6 160.6

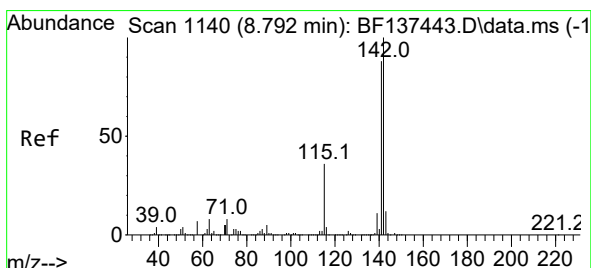
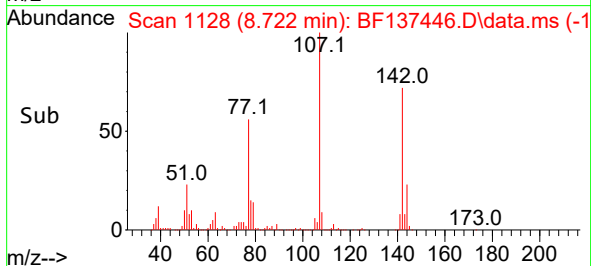
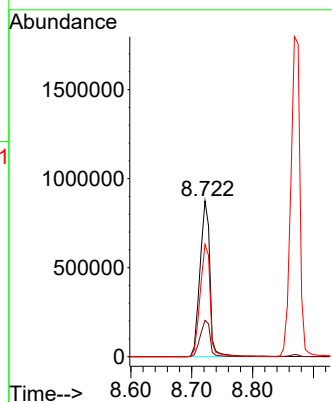
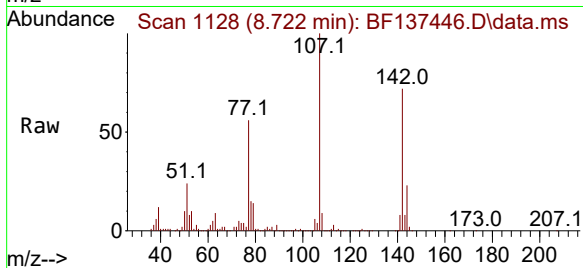




#36
4-Chloro-3-methylphenol
Concen: 73.833 ng
RT: 8.722 min Scan# 1114
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

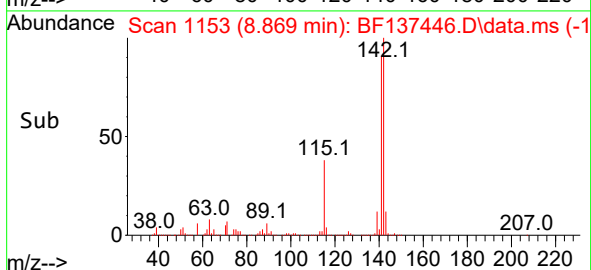
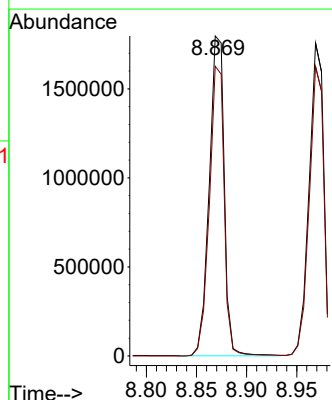
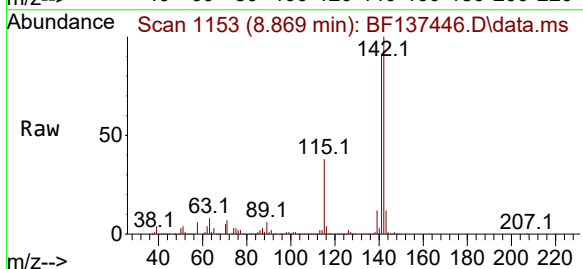
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

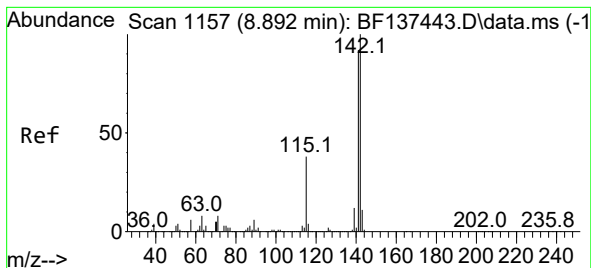
Tgt Ion:107 Resp: 988017
Ion Ratio Lower Upper
107 100
144 23.3 18.7 28.1
142 72.0 58.2 87.2



#37
2-Methylnaphthalene
Concen: 67.385 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.076 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:142 Resp: 1874544
Ion Ratio Lower Upper
142 100
141 90.6 70.4 105.6





#38

1-Methylnaphthalene

Concen: 67.572 ng

RT: 8.969 min Scan# 1157

Delta R.T. 0.076 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

Instrument :

BNA_F

ClientSampleId :

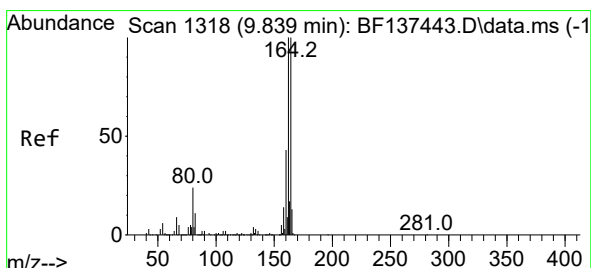
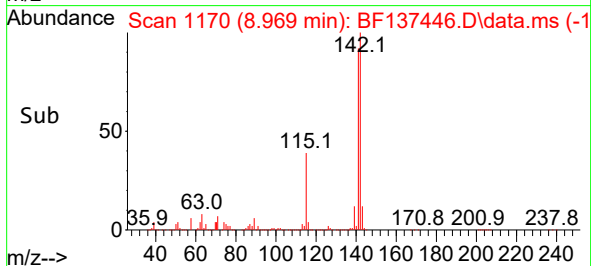
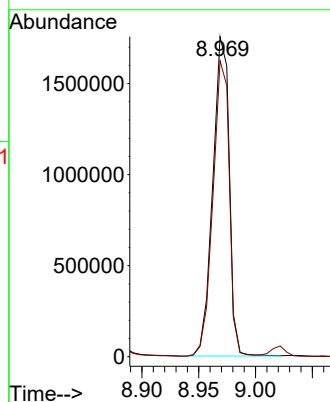
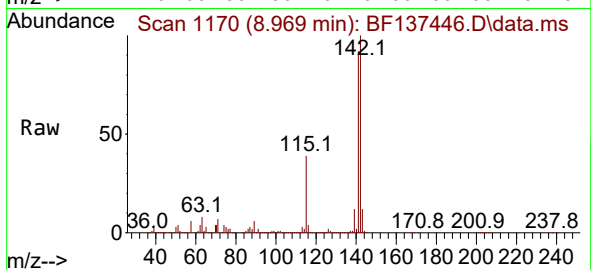
SSTDICC080

Tgt Ion:142 Resp: 1770217

Ion Ratio Lower Upper

142 100

141 92.5 73.4 110.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.076 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

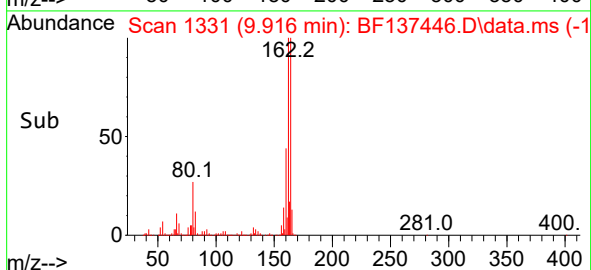
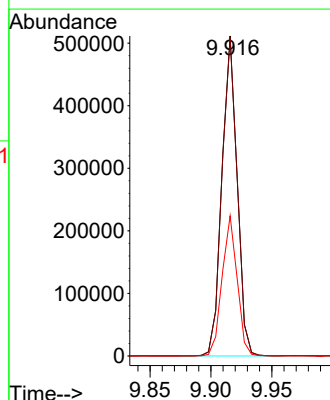
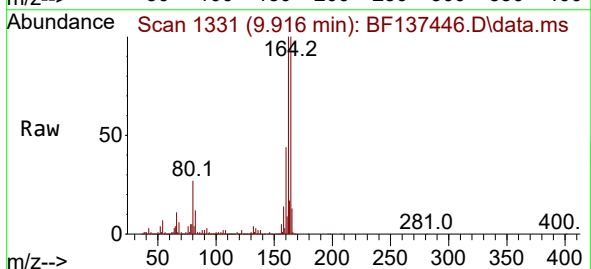
Tgt Ion:164 Resp: 445069

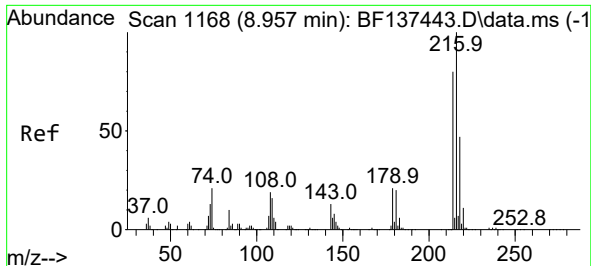
Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.8

160 43.8 34.4 51.6





#40

1,2,4,5-Tetrachlorobenzene

Concen: 71.378 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.082 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:216 Resp: 886892

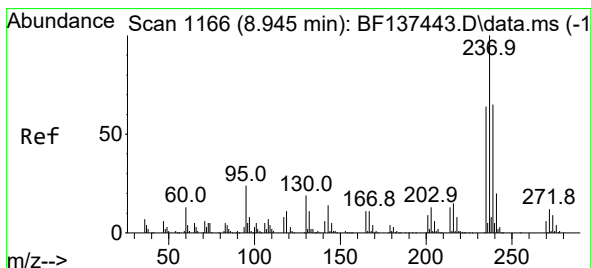
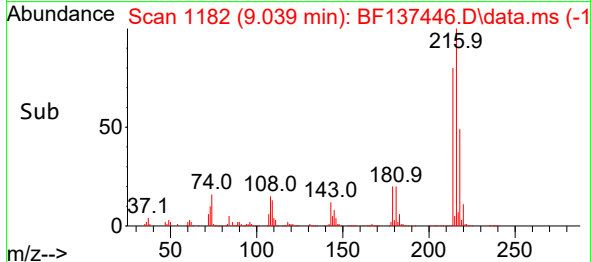
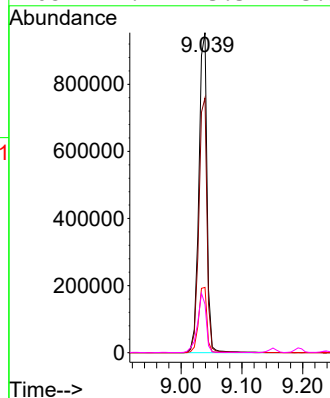
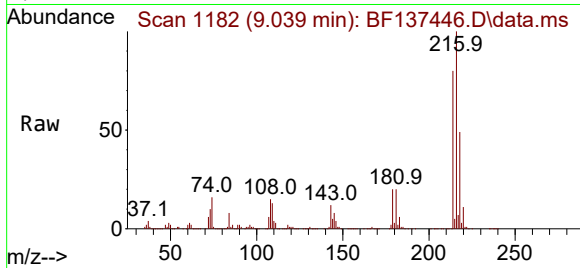
Ion Ratio Lower Upper

216 100

214 80.3 63.5 95.3

179 20.8 16.6 25.0

108 19.4 15.5 23.3



#41

Hexachlorocyclopentadiene

Concen: 102.379 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.076 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

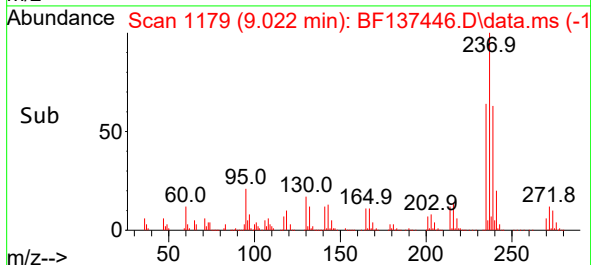
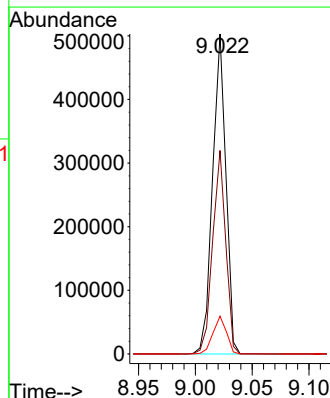
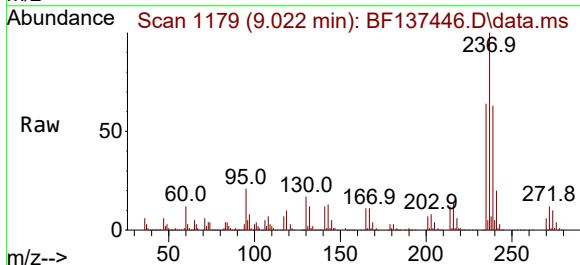
Tgt Ion:237 Resp: 409030

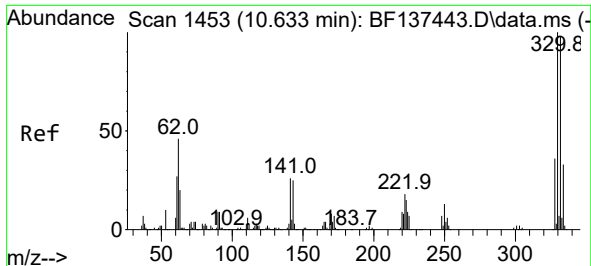
Ion Ratio Lower Upper

237 100

235 63.6 43.6 83.6

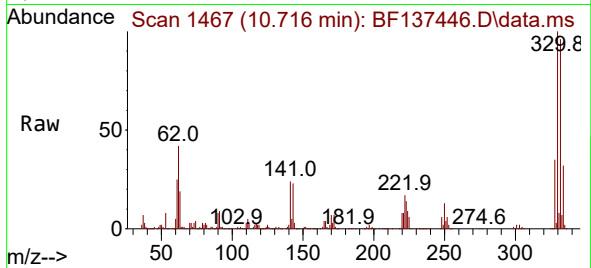
272 11.8 0.0 31.9



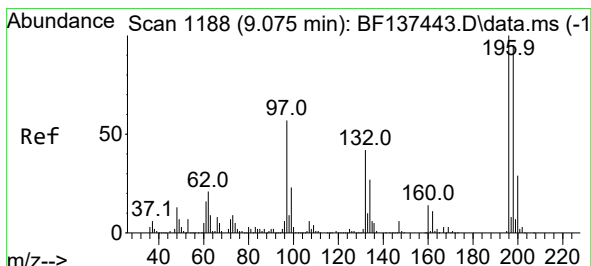
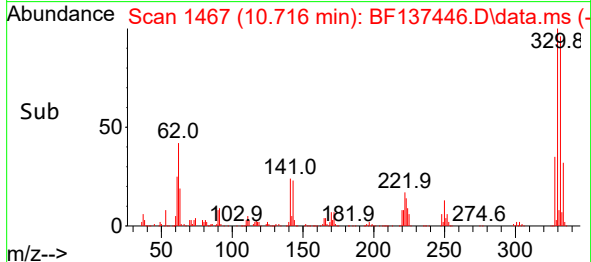
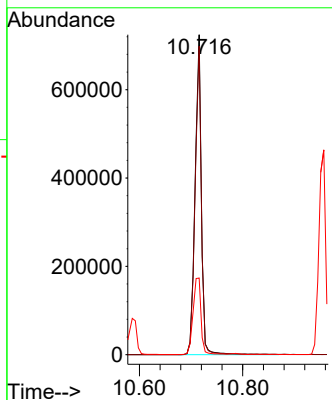


#42
2,4,6-Tribromophenol
Concen: 156.307 ng
RT: 10.716 min Scan# 1453
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

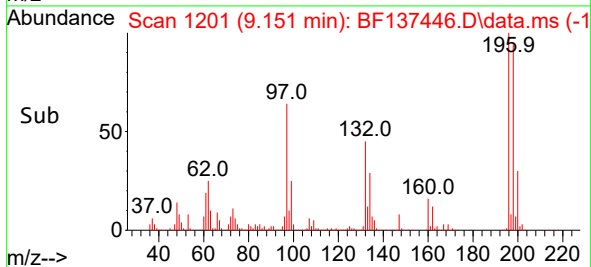
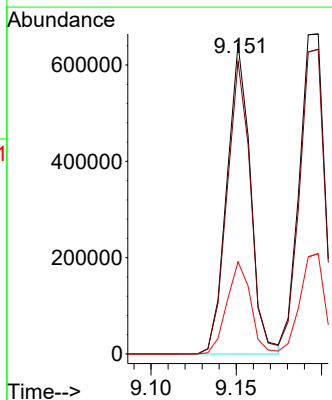
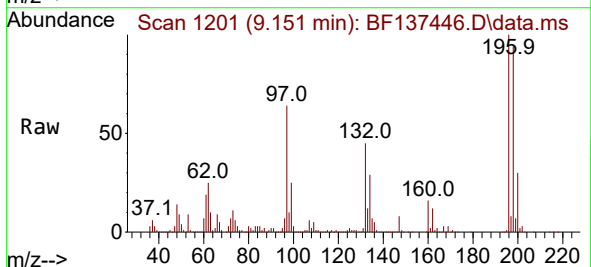


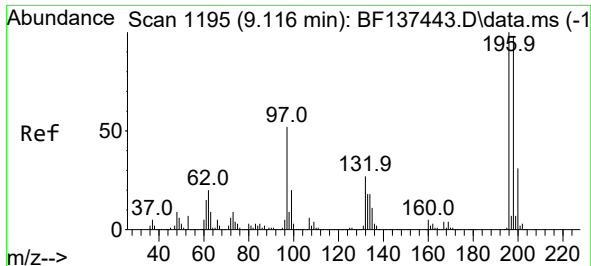
Tgt Ion:330 Resp: 610924
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 30.3 27.3 40.9



#43
2,4,6-Trichlorophenol
Concen: 76.273 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.076 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:196 Resp: 617156
Ion Ratio Lower Upper
196 100
198 94.2 75.8 113.8
200 29.7 23.5 35.3

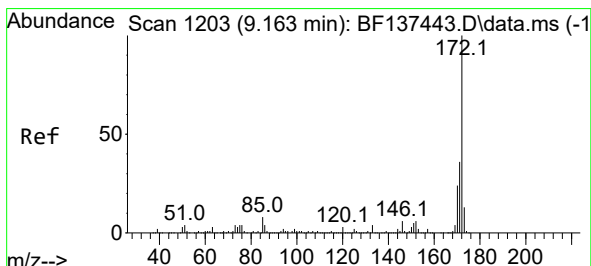
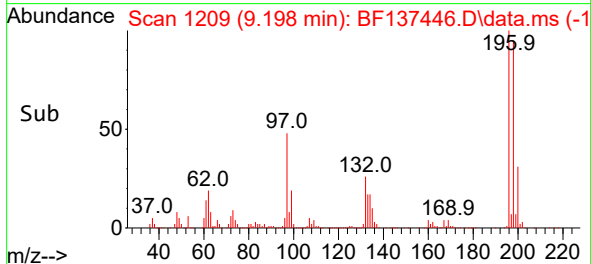
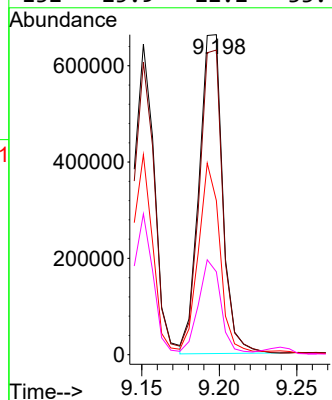
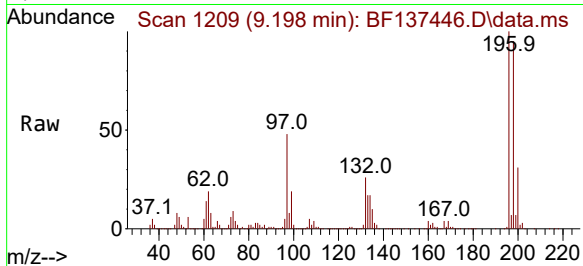




#44
2,4,5-Trichlorophenol
Concen: 75.296 ng
RT: 9.198 min Scan# 1195
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

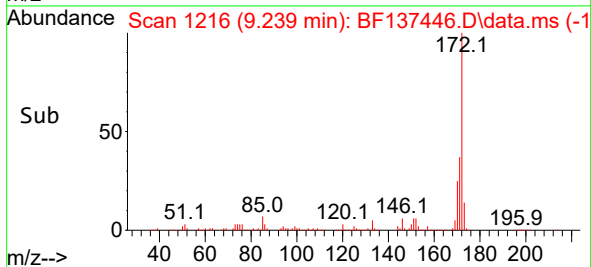
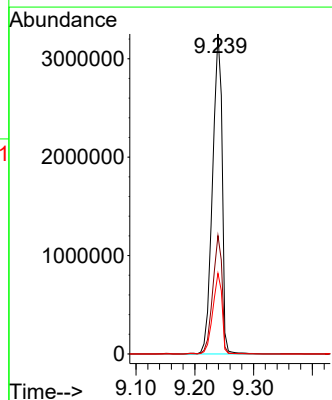
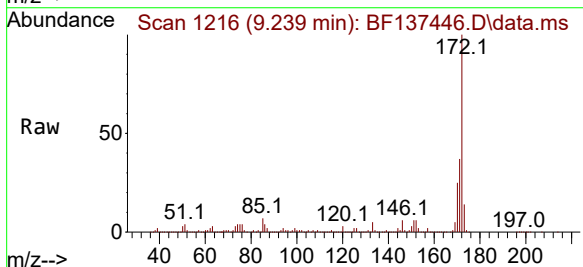
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

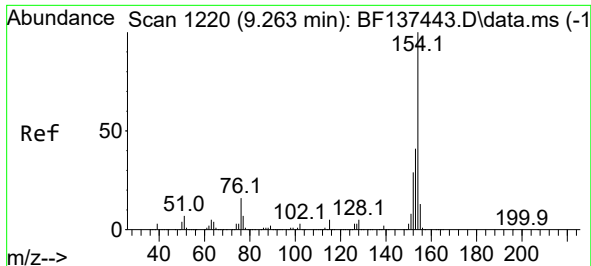
Tgt Ion:196	Resp: 701821
Ion Ratio	Lower Upper
196	100
198	95.2 78.6 117.8
97	48.1 41.8 62.8
132	25.9 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 129.831 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.076 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:172	Resp: 3691386
Ion Ratio	Lower Upper
172	100
171	37.0 28.5 42.7
170	25.2 19.0 28.6

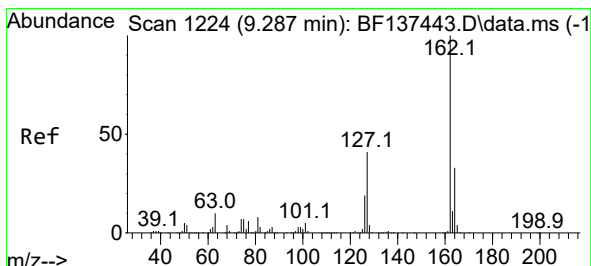
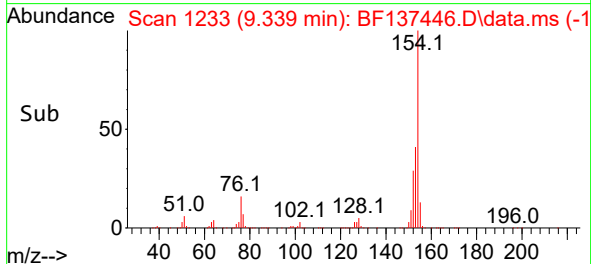
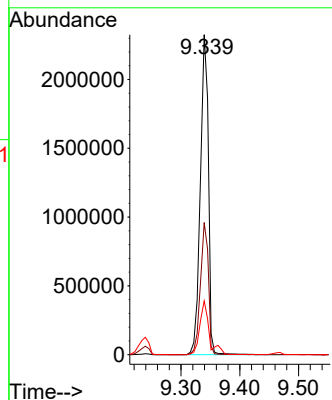
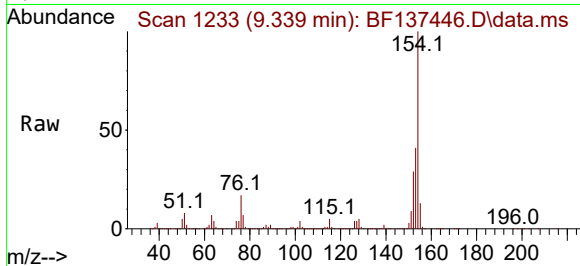




#46
1,1'-Biphenyl
Concen: 67.865 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.076 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

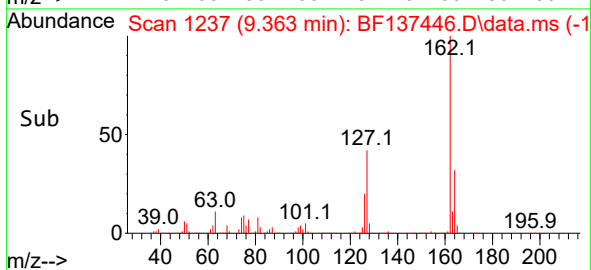
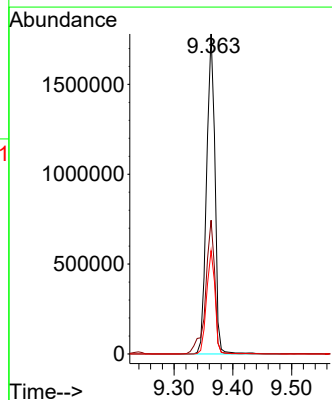
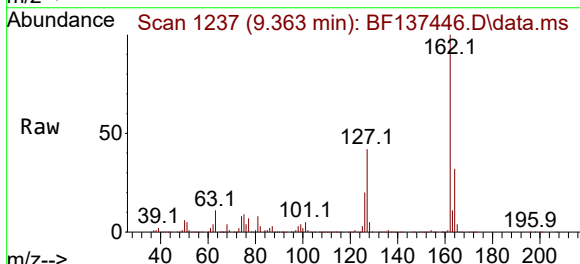
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

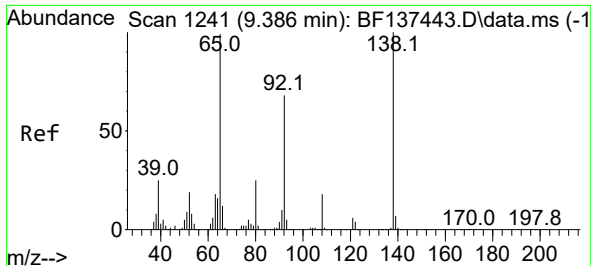
Tgt Ion:154 Resp: 2210708
Ion Ratio Lower Upper
154 100
153 41.3 21.0 61.0
76 16.8 0.0 35.8



#47
2-Chloronaphthalene
Concen: 71.048 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.076 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:162 Resp: 1764543
Ion Ratio Lower Upper
162 100
127 41.8 32.6 49.0
164 32.3 26.5 39.7

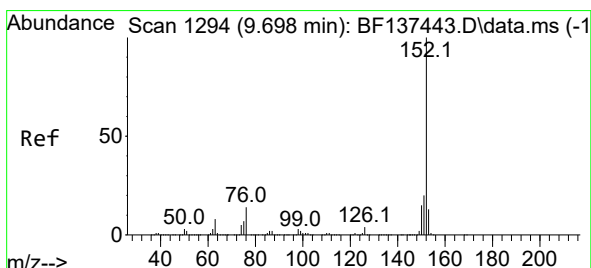
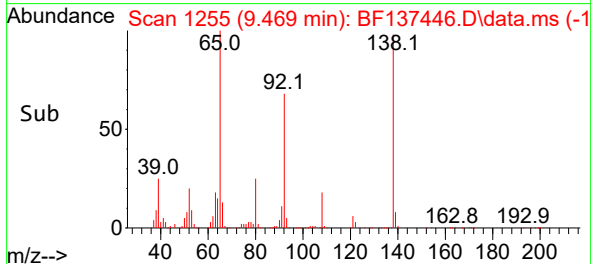
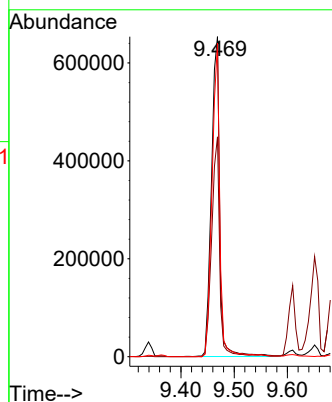
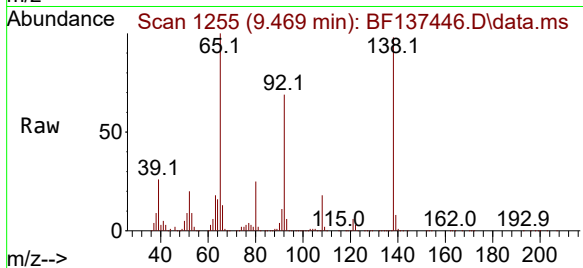




#48
2-Nitroaniline
Concen: 82.908 ng
RT: 9.469 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

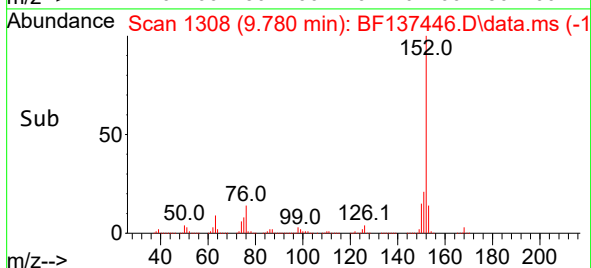
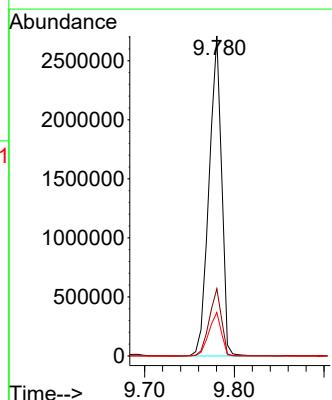
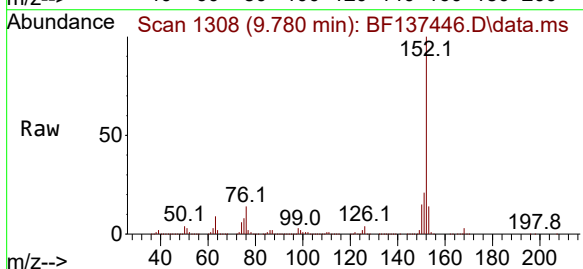
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

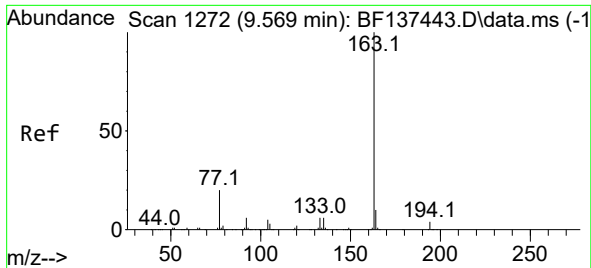
Tgt Ion: 65 Resp: 699869
Ion Ratio Lower Upper
65 100
92 68.7 55.4 83.2
138 98.0 81.0 121.6



#49
Acenaphthylene
Concen: 66.229 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion: 152 Resp: 2632322
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4
153 13.6 10.8 16.2

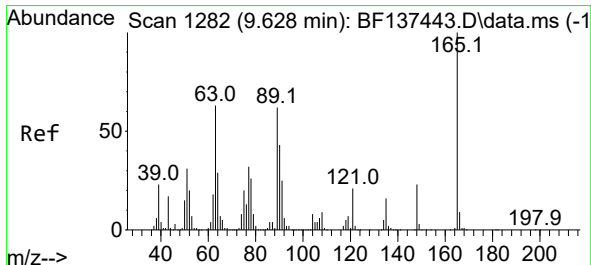
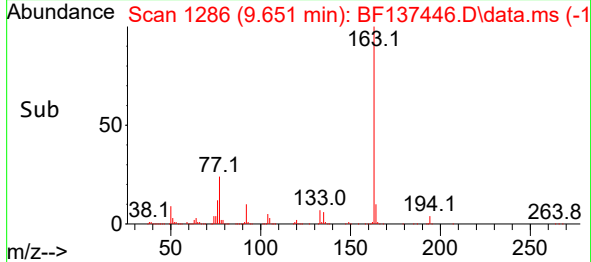
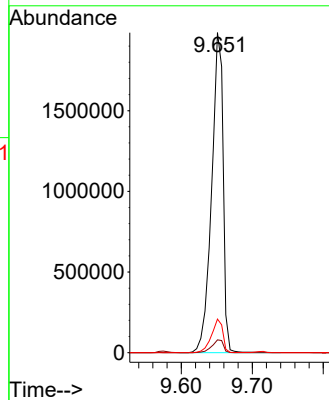
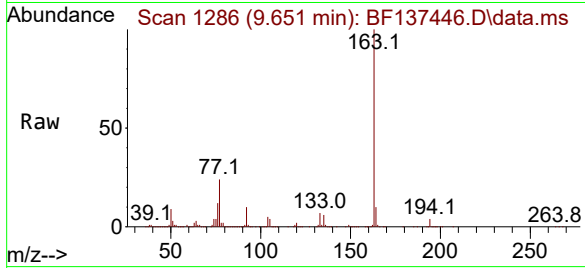




#50
Dimethylphthalate
Concen: 72.191 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

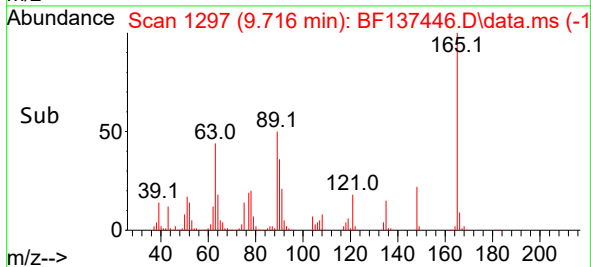
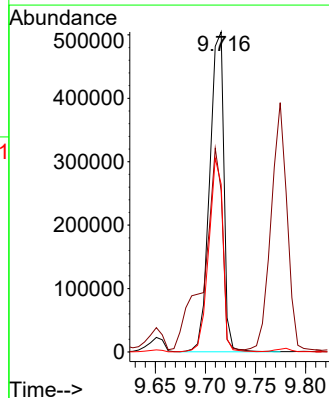
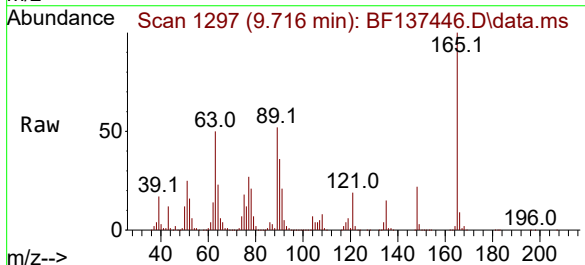
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

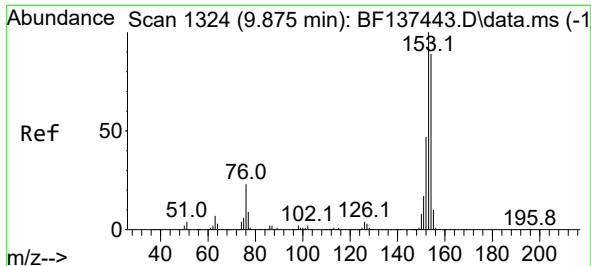
Tgt Ion:163 Resp: 2236619
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.5 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 77.109 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.088 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:165 Resp: 499680
Ion Ratio Lower Upper
165 100
63 50.4 50.7 76.1#
89 52.4 50.0 75.0

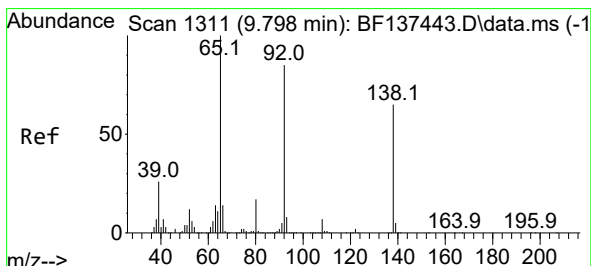
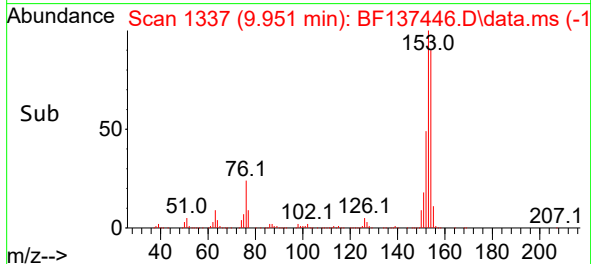
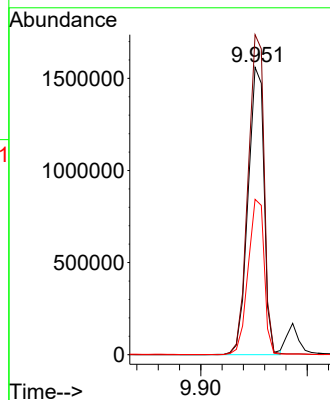
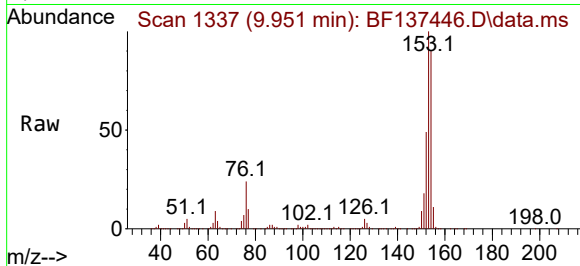




#52
Acenaphthene
Concen: 69.049 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.076 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

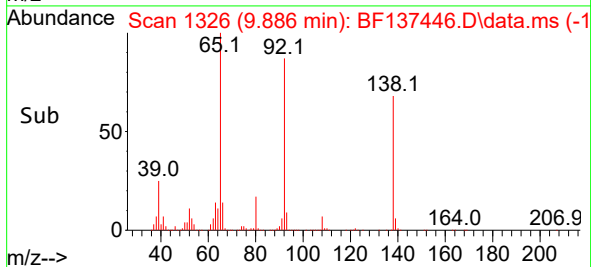
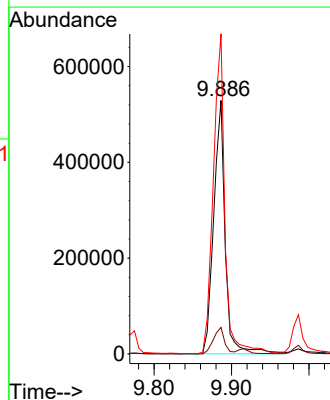
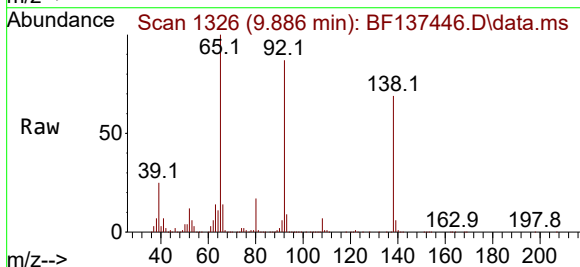
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

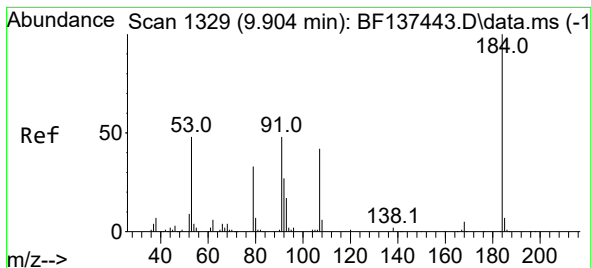
Tgt Ion:154 Resp: 1638433
Ion Ratio Lower Upper
154 100
153 111.4 90.3 135.5
152 54.0 42.7 64.1



#53
3-Nitroaniline
Concen: 79.164 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.088 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:138 Resp: 542620
Ion Ratio Lower Upper
138 100
108 10.5 9.1 13.7
92 126.2 104.6 157.0

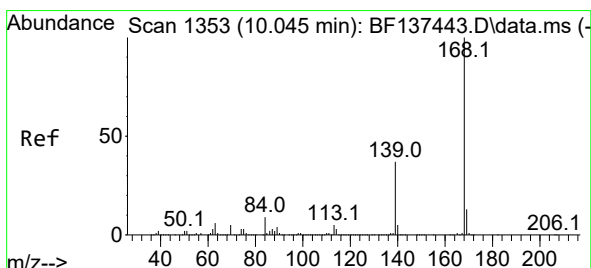
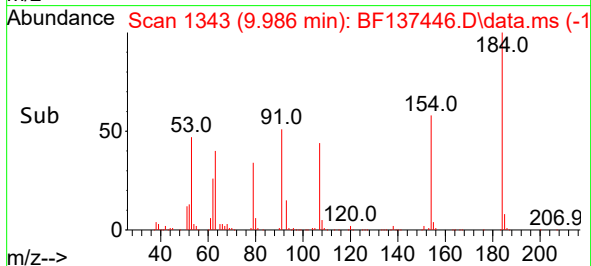
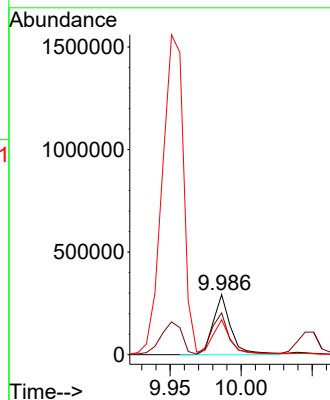
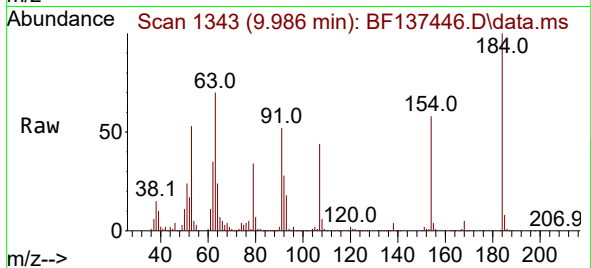




#54
2,4-Dinitrophenol
Concen: 102.440 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

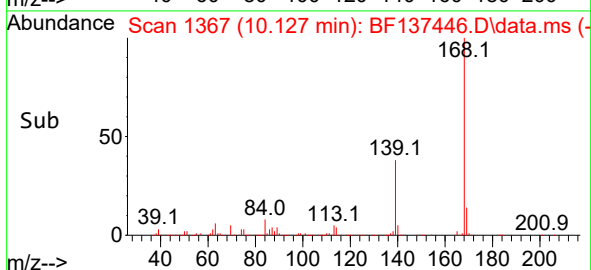
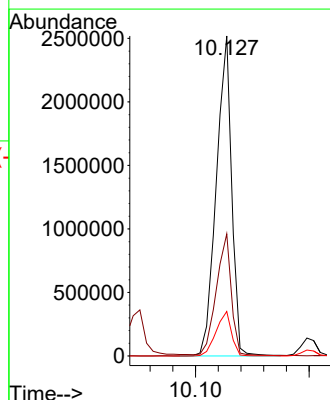
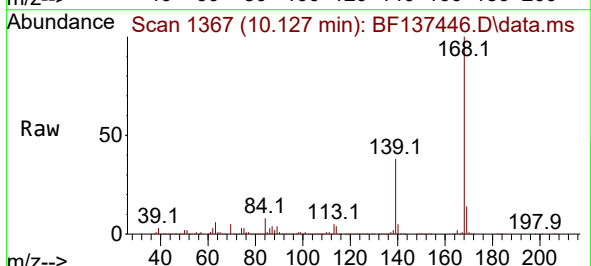
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

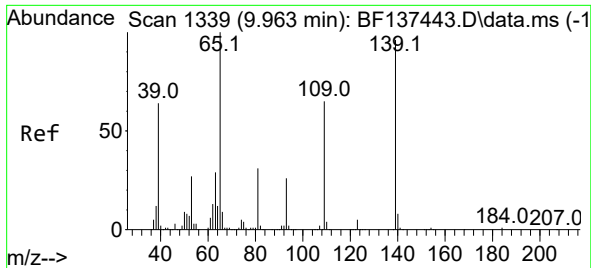
Tgt Ion:184 Resp: 253099
Ion Ratio Lower Upper
184 100
63 69.5 53.3 79.9
154 58.1 47.4 71.0



#55
Dibenzofuran
Concen: 65.500 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:168 Resp: 2367212
Ion Ratio Lower Upper
168 100
139 38.2 29.8 44.6
169 13.9 10.8 16.2

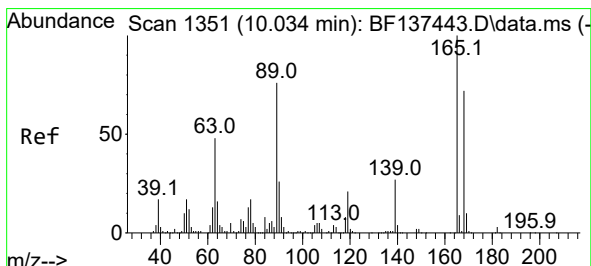
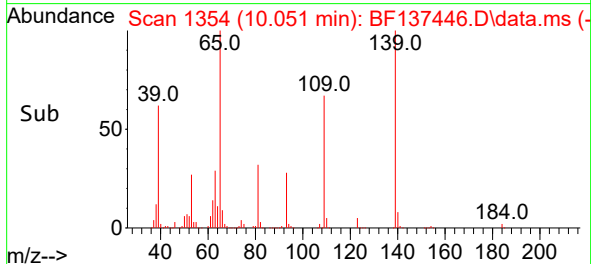
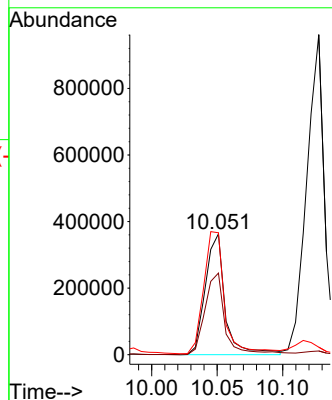
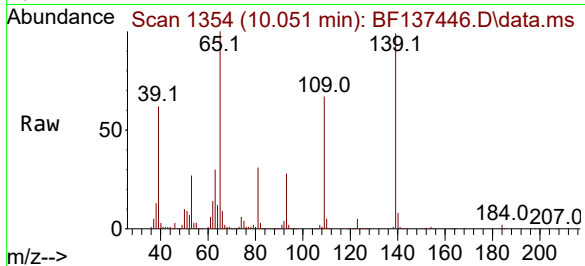




#56
4-Nitrophenol
Concen: 89.896 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.088 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

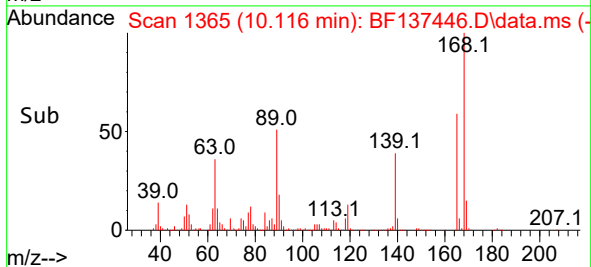
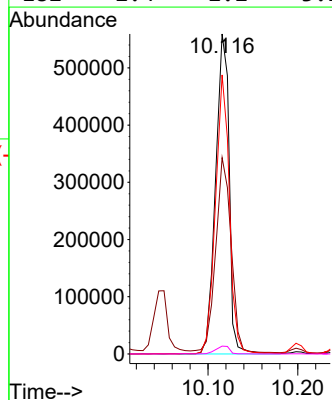
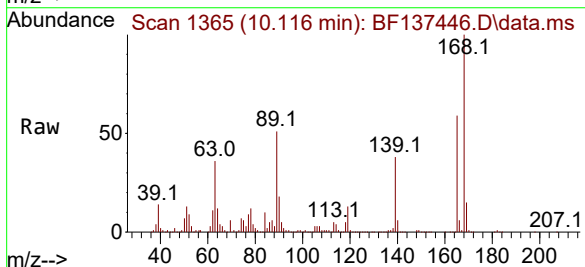
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

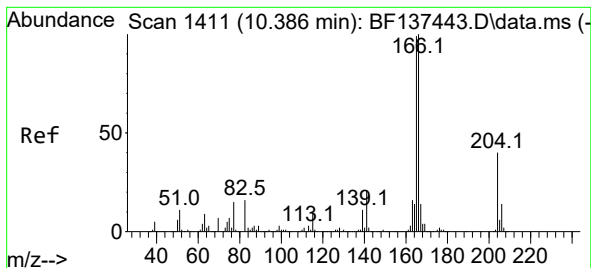
Tgt Ion:139 Resp: 380622
Ion Ratio Lower Upper
139 100
109 67.5 47.1 87.1
65 100.9 85.1 125.1



#57
2,4-Dinitrotoluene
Concen: 73.787 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:165 Resp: 587451
Ion Ratio Lower Upper
165 100
63 61.4 39.0 58.6#
89 87.2 60.9 91.3
182 2.4 2.2 3.2





#58

Fluorene

Concen: 65.319 ng

RT: 10.469 min Scan# 1411

Delta R.T. 0.082 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

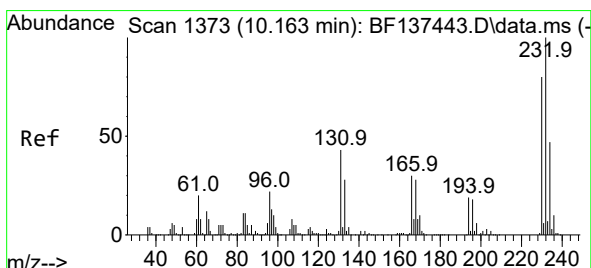
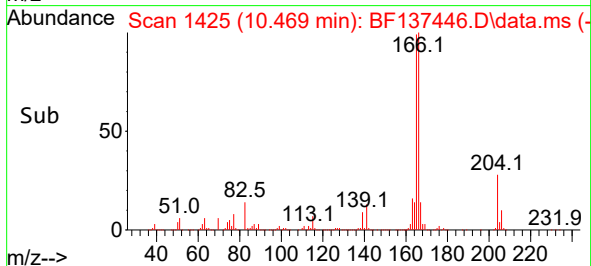
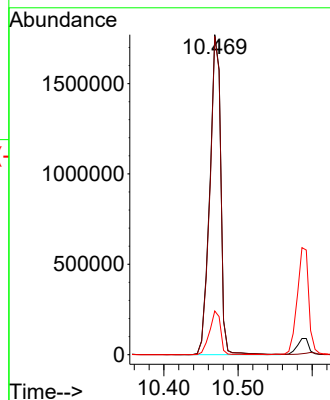
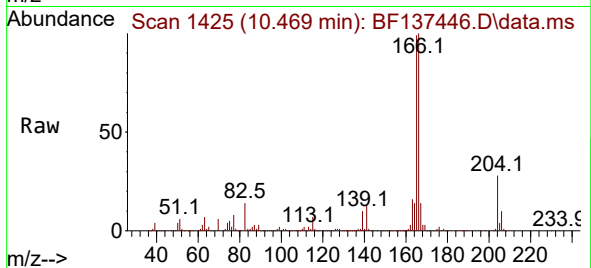
Tgt Ion:166 Resp: 1812955

Ion Ratio Lower Upper

166 100

165 99.5 79.2 118.8

167 13.6 11.0 16.6



#59

2,3,4,6-Tetrachlorophenol

Concen: 76.453 ng

RT: 10.198 min Scan# 1379

Delta R.T. 0.035 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

Tgt Ion:232 Resp: 575855

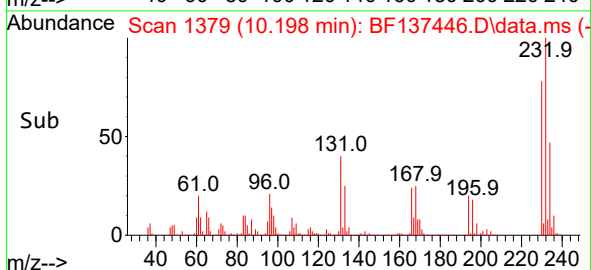
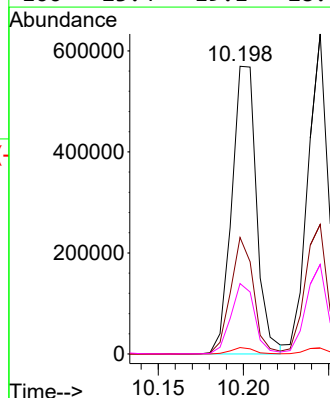
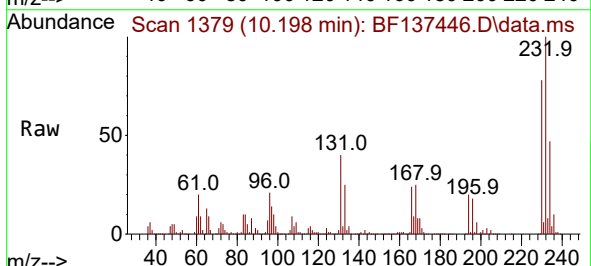
Ion Ratio Lower Upper

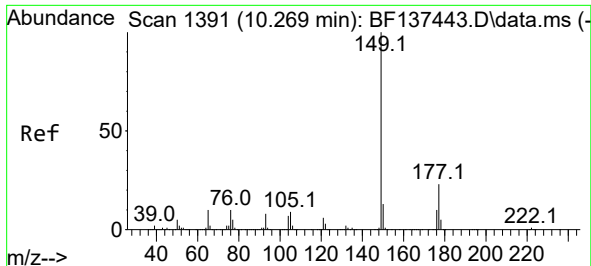
232 100

131 37.5 31.2 46.8

130 2.1 1.8 2.6

166 23.4 19.1 28.7

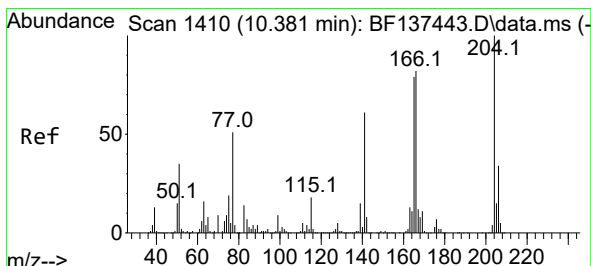
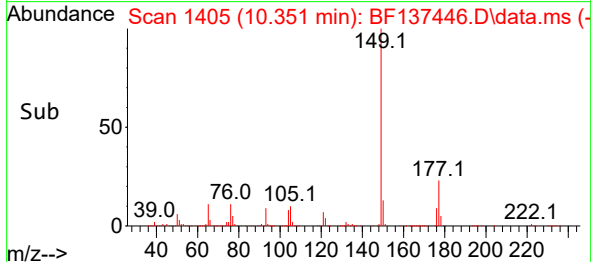
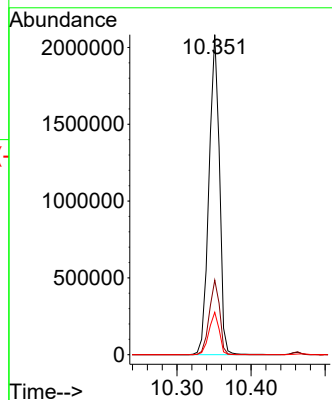
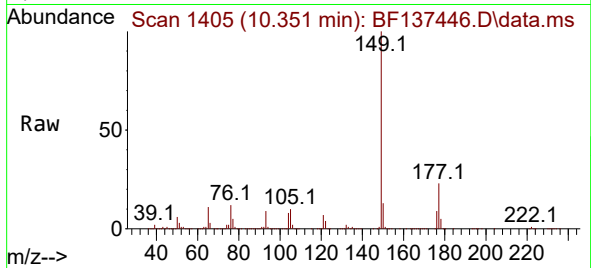




#60
Diethylphthalate
Concen: 69.735 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

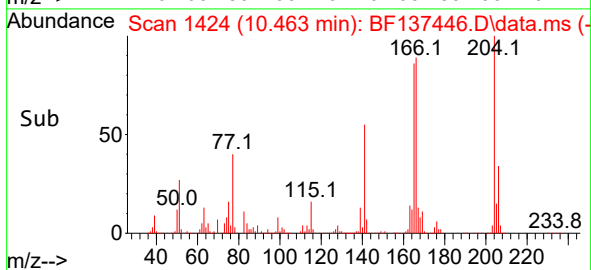
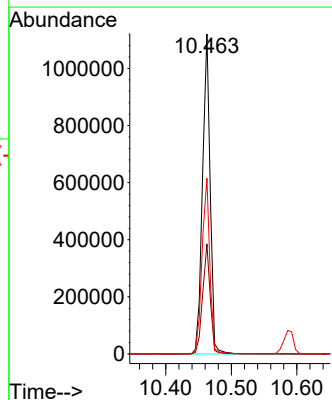
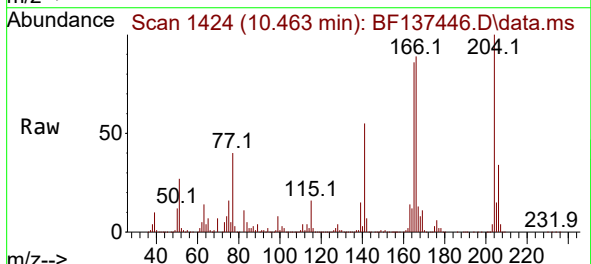
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

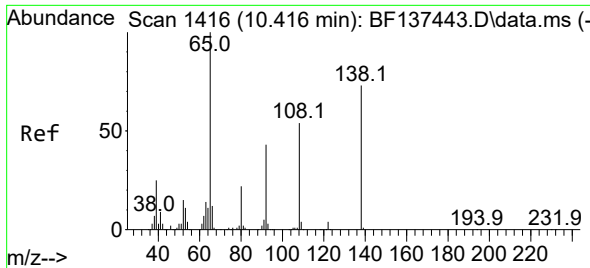
Tgt Ion:149 Resp: 2040228
Ion Ratio Lower Upper
149 100
177 23.3 18.7 28.1
150 13.3 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 67.146 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:204 Resp: 913359
Ion Ratio Lower Upper
204 100
206 34.4 27.4 41.0
141 54.9 48.4 72.6

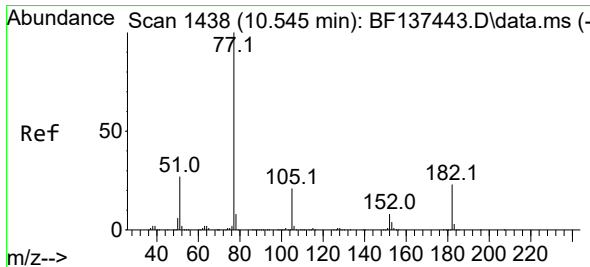
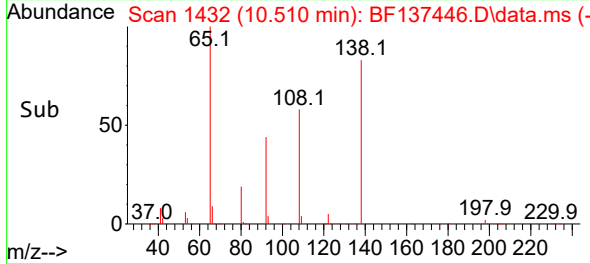
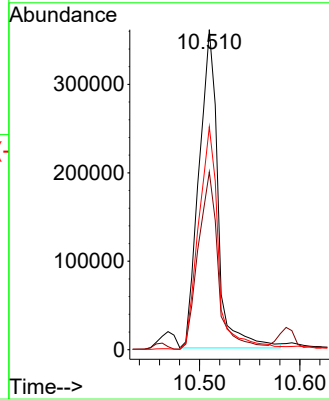
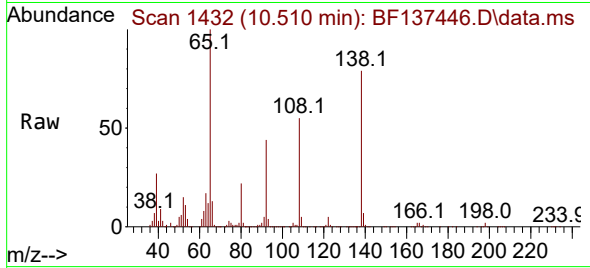




#62
4-Nitroaniline
Concen: 84.067 ng
RT: 10.510 min Scan# 1416
Delta R.T. 0.094 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

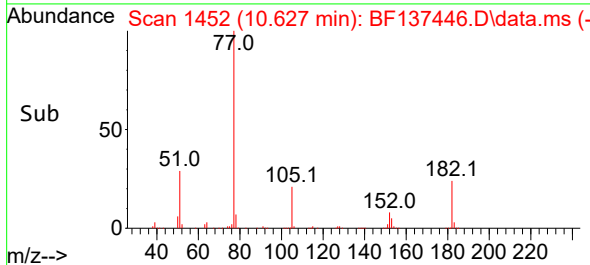
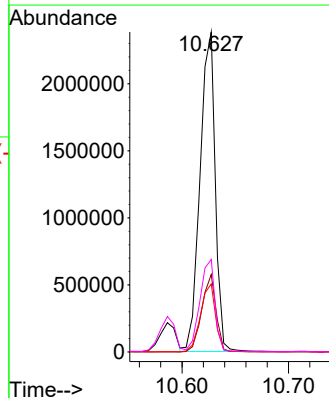
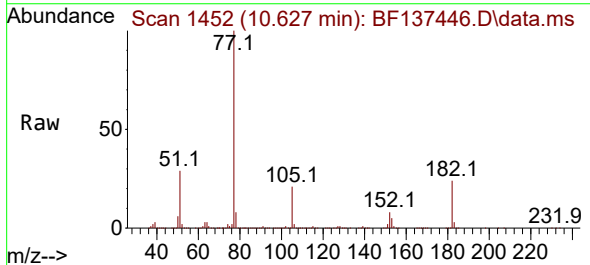
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

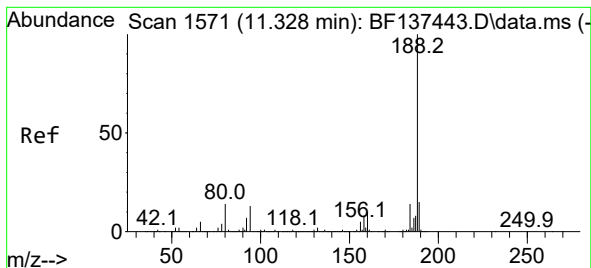
Tgt Ion:138 Resp: 475979
Ion Ratio Lower Upper
138 100
92 55.6 37.9 77.9
108 69.7 53.2 93.2



#63
Azobenzene
Concen: 70.343 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion: 77 Resp: 2369794
Ion Ratio Lower Upper
77 100
182 24.2 3.2 43.2
105 21.3 1.2 41.2
51 28.9 7.8 47.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.082 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

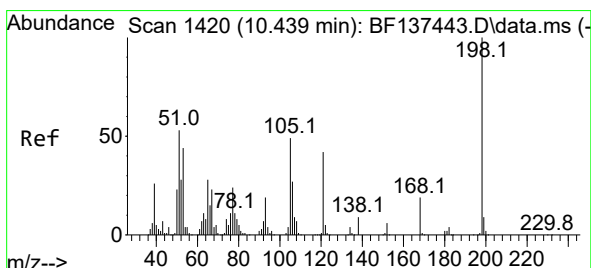
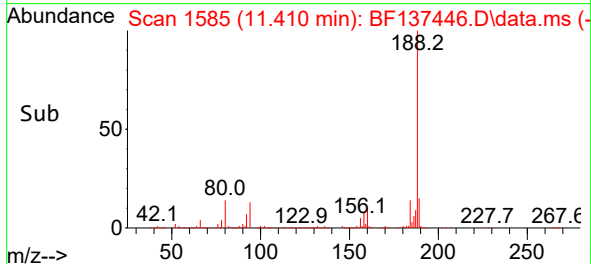
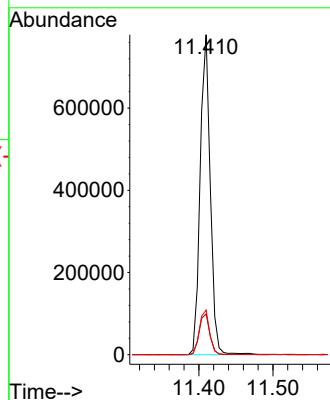
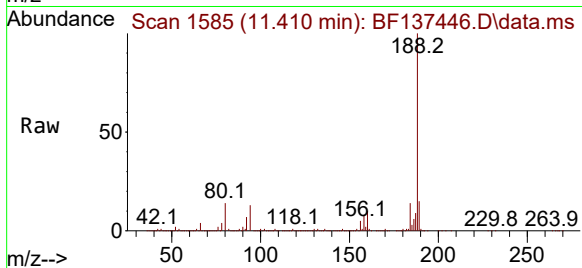
Tgt Ion:188 Resp: 736364

Ion Ratio Lower Upper

188 100

94 12.8 10.6 15.8

80 14.0 11.5 17.3



#65

4,6-Dinitro-2-methylphenol

Concen: 86.392 ng

RT: 10.527 min Scan# 1435

Delta R.T. 0.088 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

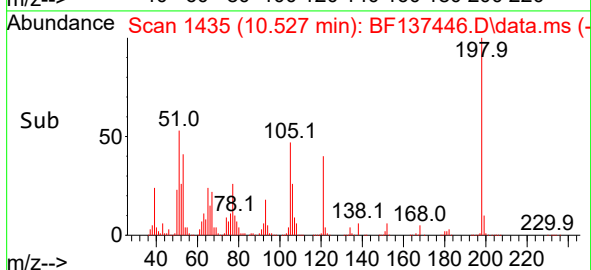
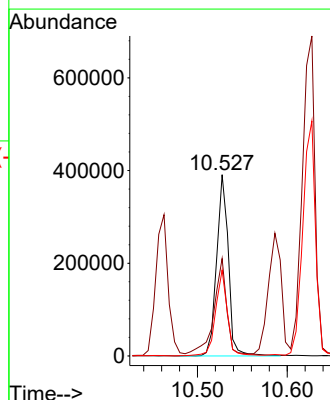
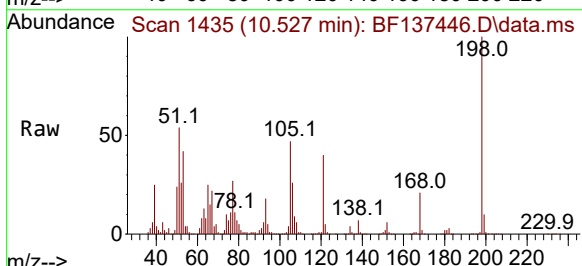
Tgt Ion:198 Resp: 354562

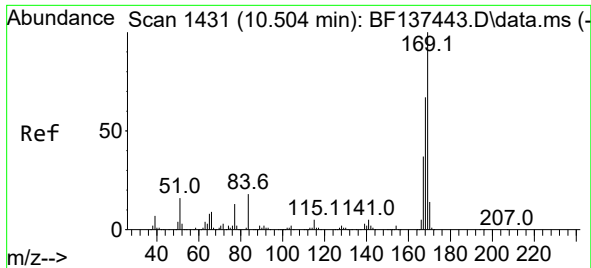
Ion Ratio Lower Upper

198 100

51 53.8 37.2 77.2

105 47.4 29.2 69.2

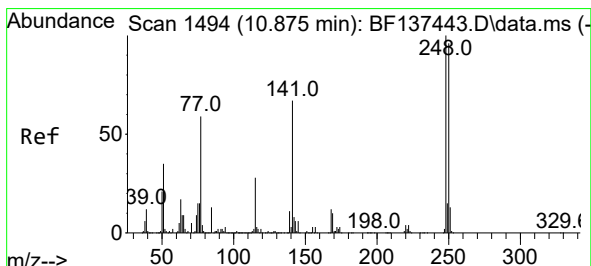
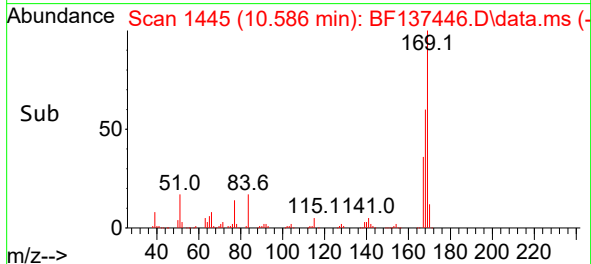
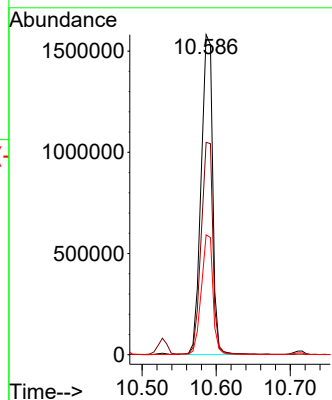
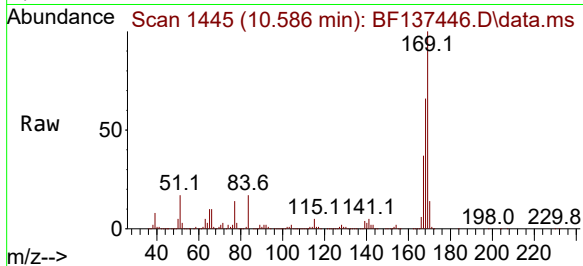




#66
n-Nitrosodiphenylamine
Concen: 72.147 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

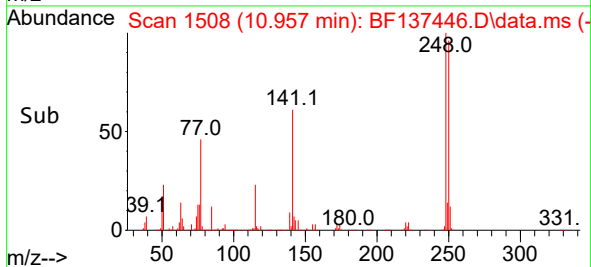
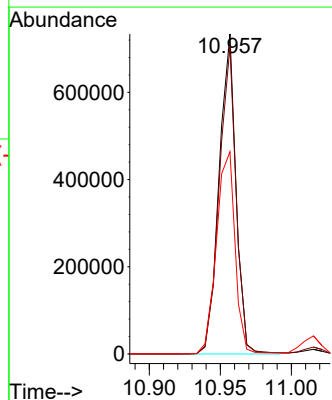
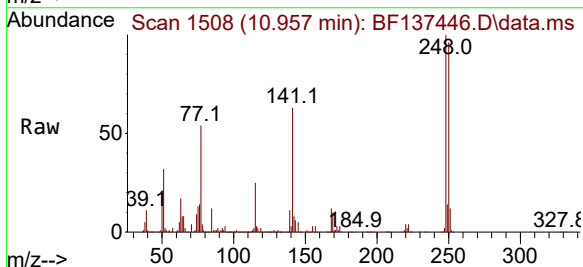
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

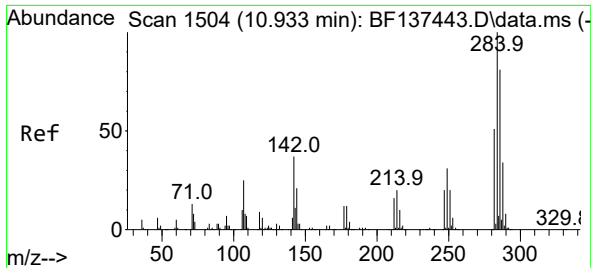
Tgt Ion:169 Resp: 1710733
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.6
167 37.5 29.6 44.4



#67
4-Bromophenyl-phenylether
Concen: 75.697 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:248 Resp: 607113
Ion Ratio Lower Upper
248 100
250 96.2 76.8 115.2
141 63.2 53.4 80.0

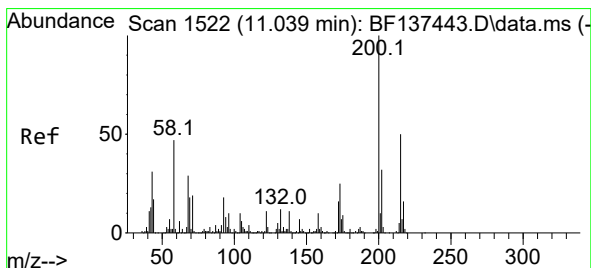
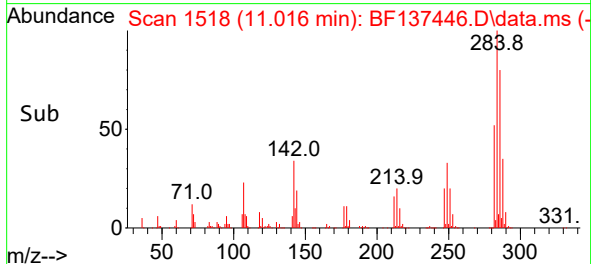
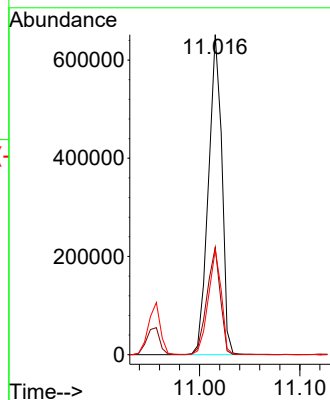
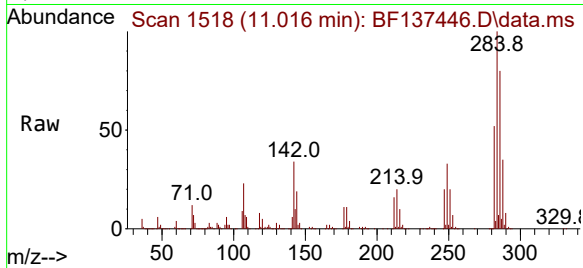




#68
Hexachlorobenzene
Concen: 74.674 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

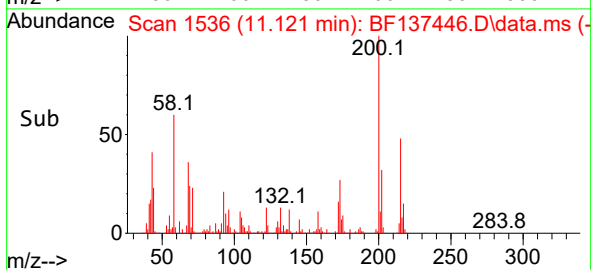
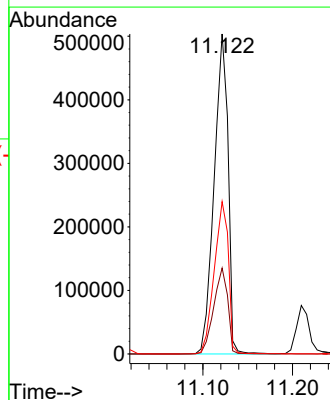
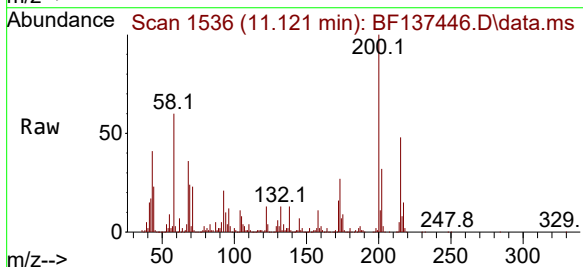
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

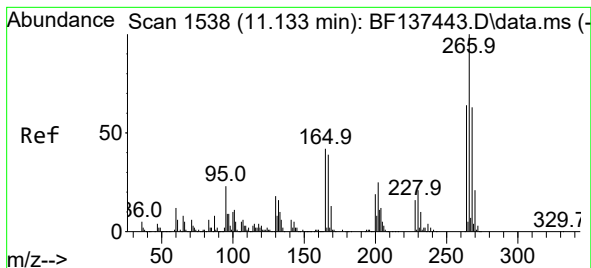
Tgt Ion:284 Resp: 604907
Ion Ratio Lower Upper
284 100
142 33.5 29.4 44.0
249 32.8 25.0 37.4



#69
Atrazine
Concen: 75.189 ng
RT: 11.121 min Scan# 1536
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:200 Resp: 541984
Ion Ratio Lower Upper
200 100
173 26.8 5.1 45.1
215 47.6 30.4 70.4





#70

Pentachlorophenol

Concen: 82.708 ng

RT: 11.210 min Scan# 1551

Delta R.T. 0.076 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

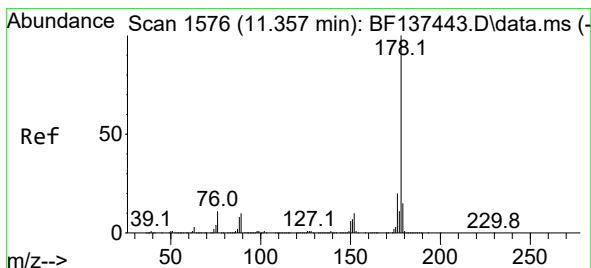
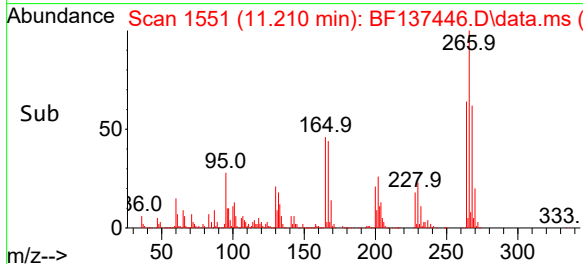
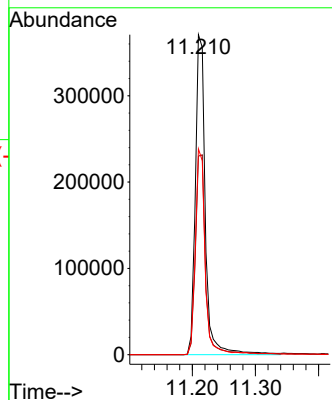
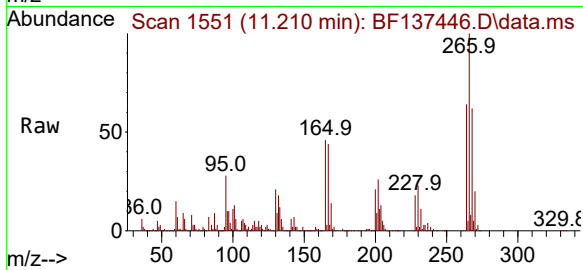
Tgt Ion:266 Resp: 405019

Ion Ratio Lower Upper

266 100

268 62.1 50.2 75.2

264 64.3 50.9 76.3



#71

Phenanthrene

Concen: 68.258 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.082 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

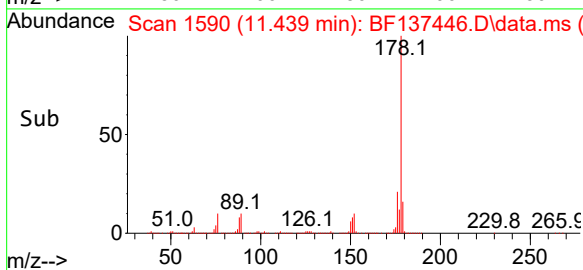
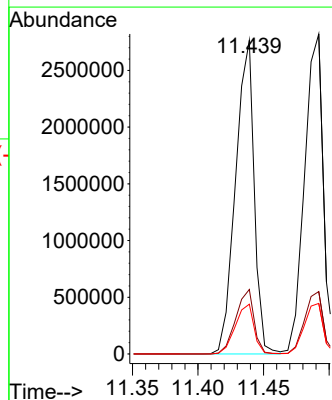
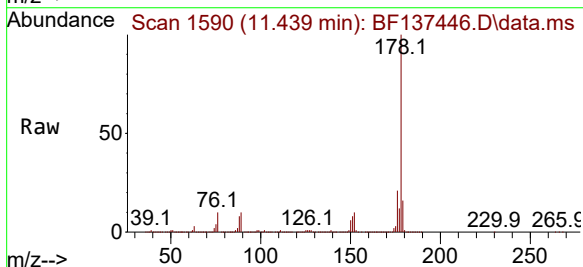
Tgt Ion:178 Resp: 2735417

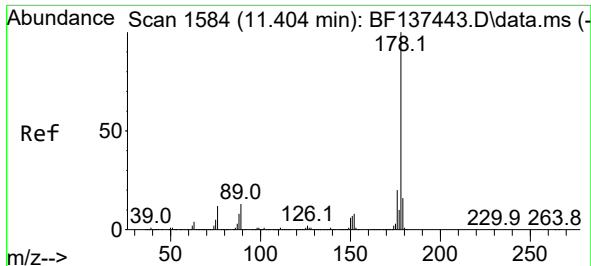
Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.8

179 15.8 12.2 18.2

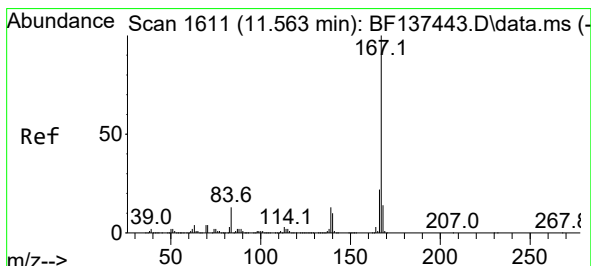
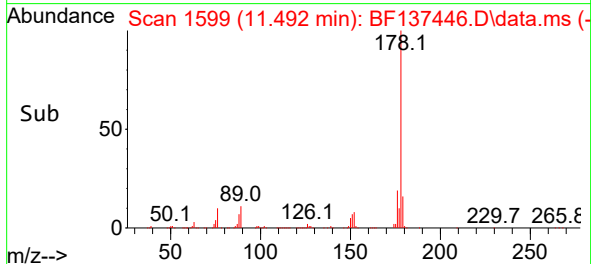
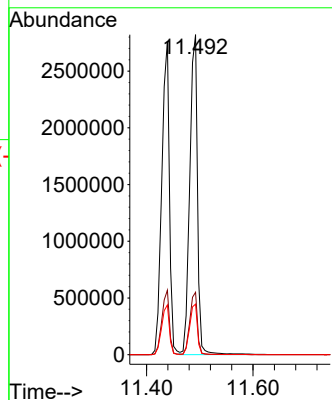
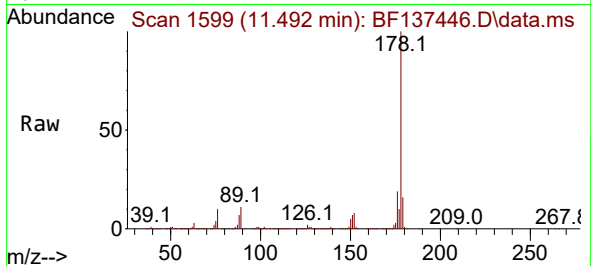




#72
 Anthracene
 Concen: 68.922 ng
 RT: 11.492 min Scan# 11
 Delta R.T. 0.088 min
 Lab File: BF137446.D
 Acq: 29 Feb 2024 17:14

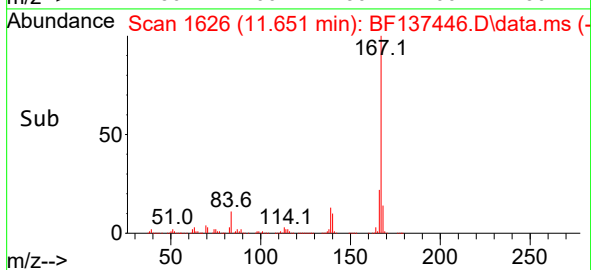
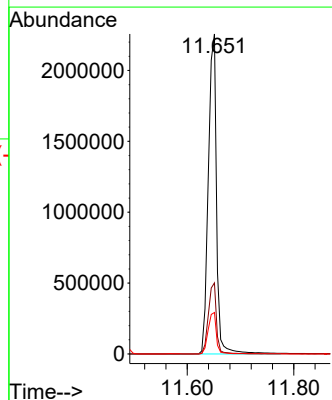
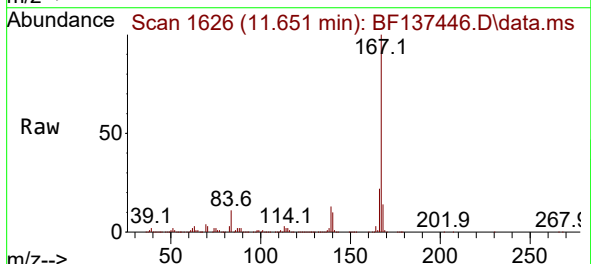
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

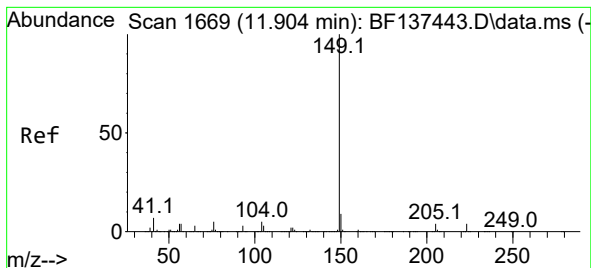
Tgt Ion:178 Resp: 2836722
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 15.8 12.7 19.1



#73
 Carbazole
 Concen: 68.736 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. 0.088 min
 Lab File: BF137446.D
 Acq: 29 Feb 2024 17:14

Tgt Ion:167 Resp: 2423300
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 12.9 10.5 15.7





#74

Di-n-butylphthalate

Concen: 70.106 ng

RT: 11.980 min Scan# 1

Delta R.T. 0.076 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

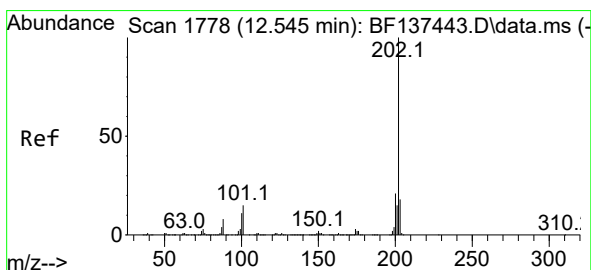
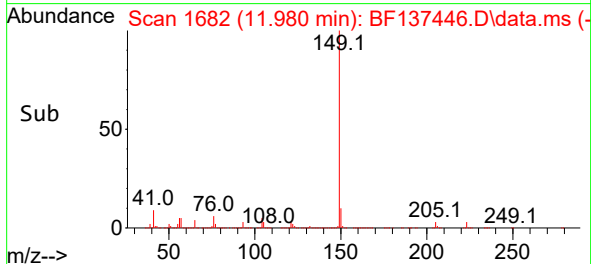
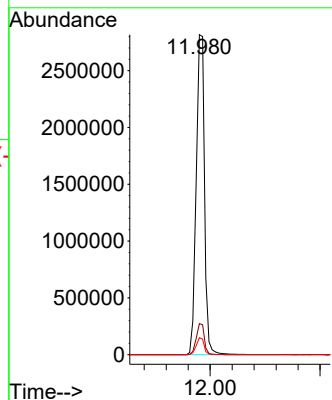
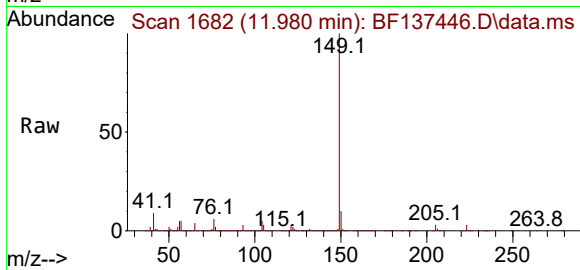
Tgt Ion:149 Resp: 2940666

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

104 5.3 3.8 5.6



#75

Fluoranthene

Concen: 66.462 ng

RT: 12.633 min Scan# 1793

Delta R.T. 0.088 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

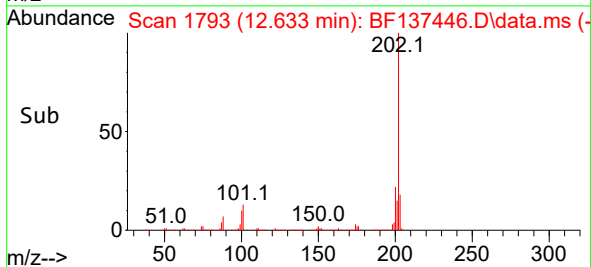
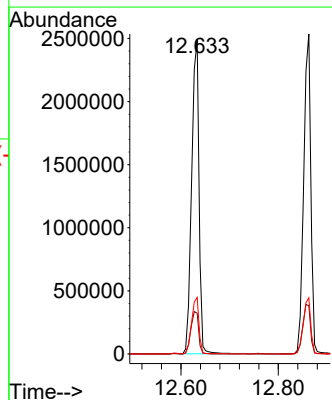
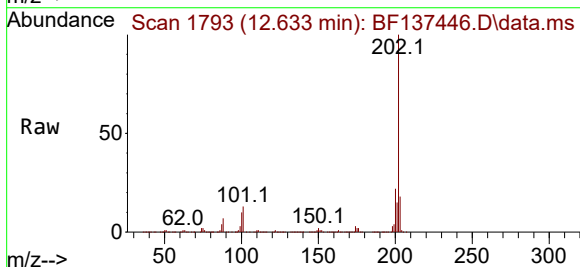
Tgt Ion:202 Resp: 2603446

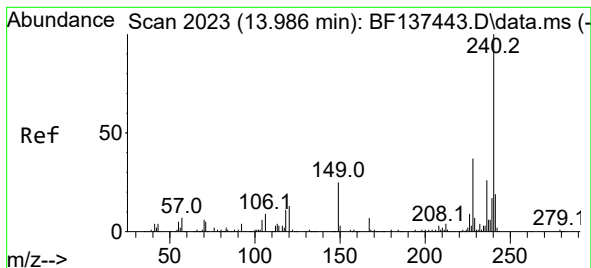
Ion Ratio Lower Upper

202 100

101 13.0 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: BF137446.D

Acq: 29 Feb 2024 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

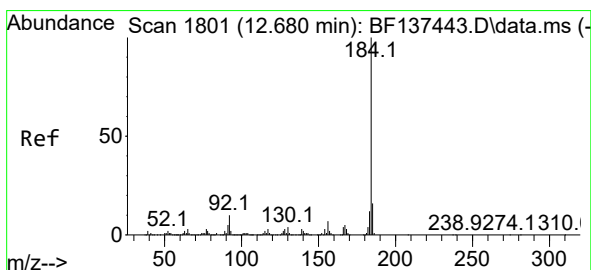
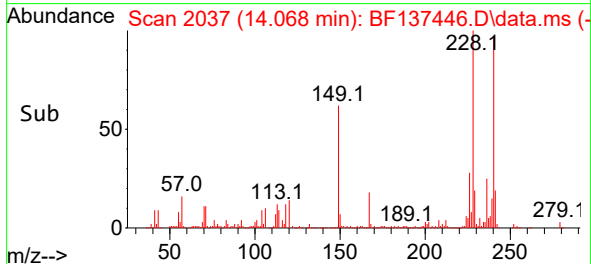
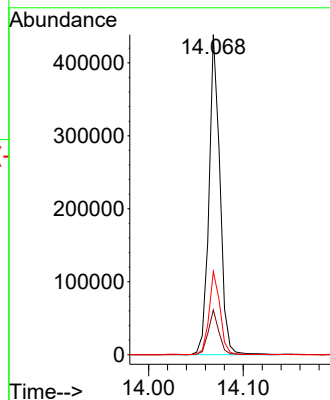
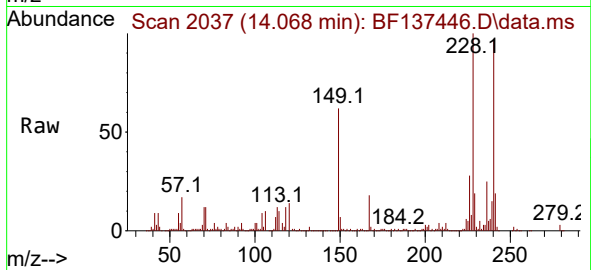
Tgt Ion:240 Resp: 351464

Ion Ratio Lower Upper

240 100

120 14.0 10.4 15.6

236 26.0 20.9 31.3



#77

Benzidine

Concen: 73.038 ng

RT: 12.763 min Scan# 1815

Delta R.T. 0.082 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

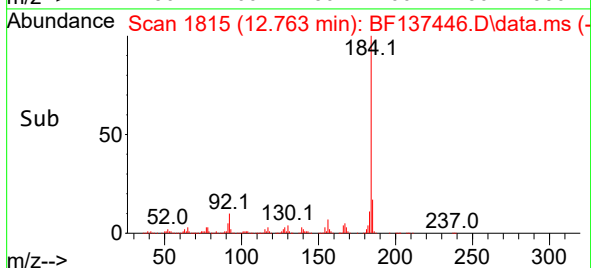
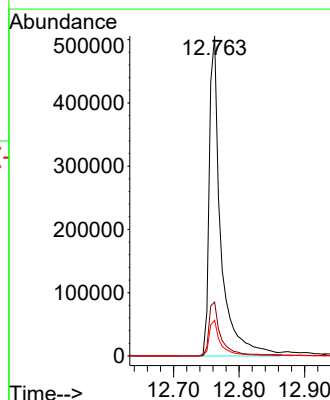
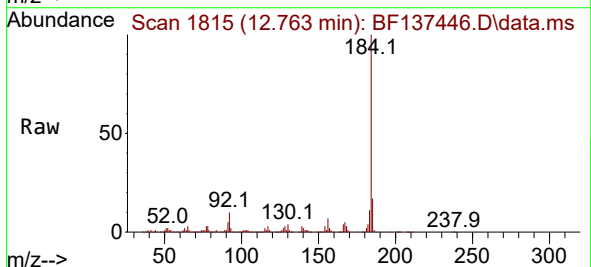
Tgt Ion:184 Resp: 621444

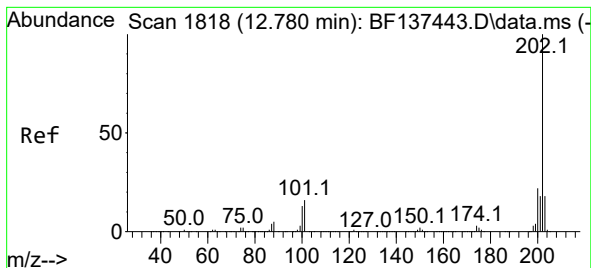
Ion Ratio Lower Upper

184 100

185 16.9 13.2 19.8

183 11.2 9.3 13.9





#78

Pyrene

Concen: 74.532 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.082 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

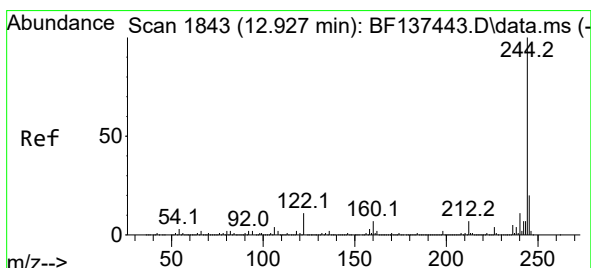
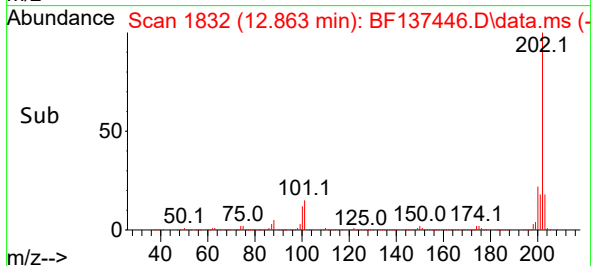
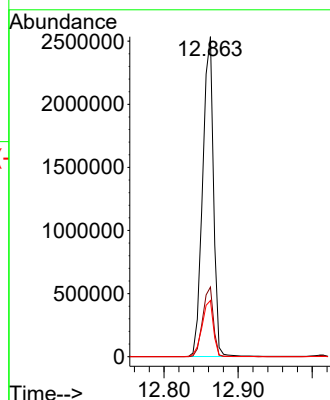
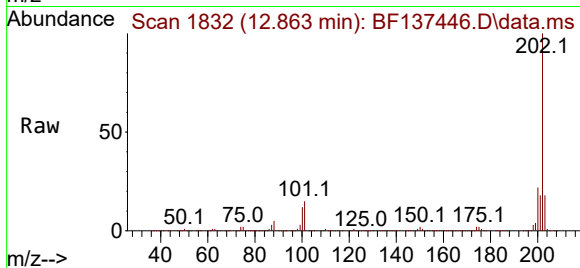
Tgt Ion:202 Resp: 2570338

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

203 17.6 14.1 21.1



#79

Terphenyl-d14

Concen: 146.921 ng

RT: 13.015 min Scan# 1858

Delta R.T. 0.088 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

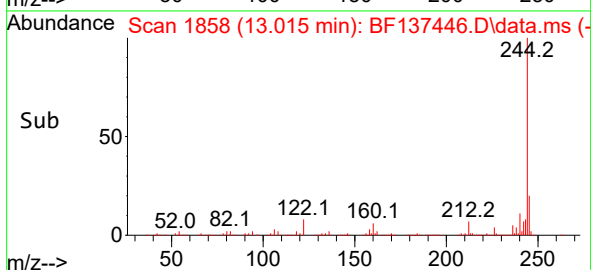
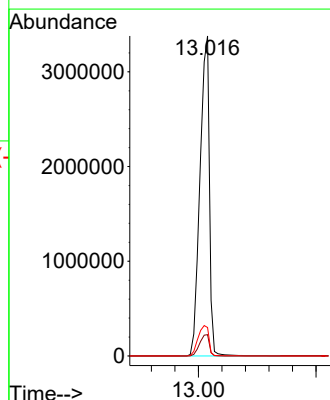
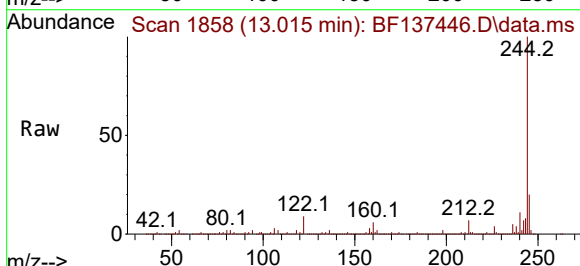
Tgt Ion:244 Resp: 3755156

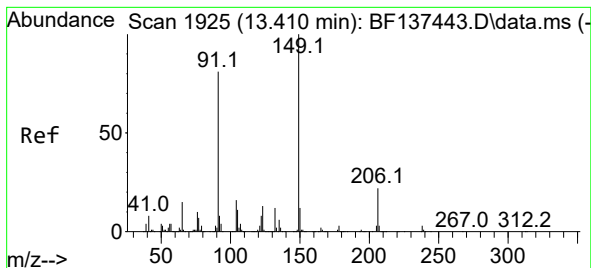
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 8.9 9.1 13.7#





#80

Butylbenzylphthalate

Concen: 84.321 ng

RT: 13.492 min Scan# 1925

Delta R.T. 0.082 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

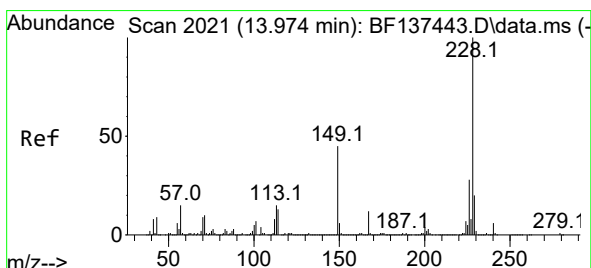
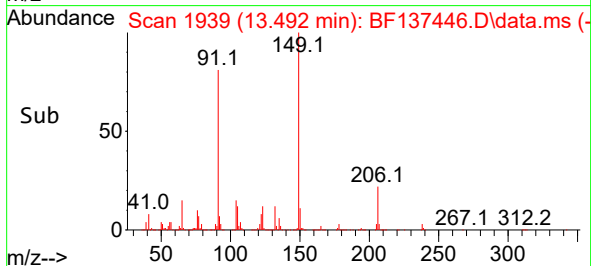
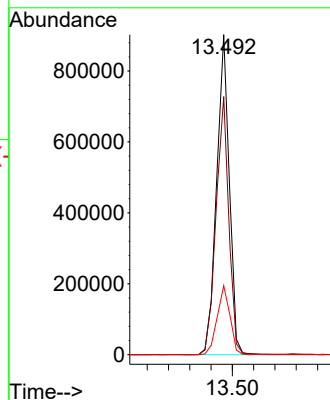
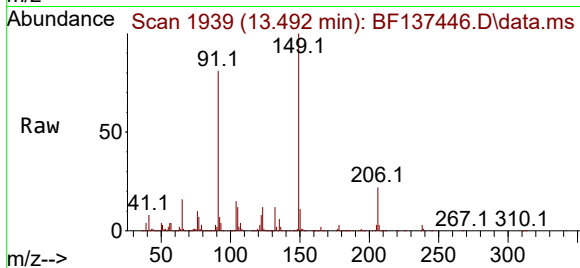
Tgt Ion:149 Resp: 742644

Ion Ratio Lower Upper

149 100

91 80.6 64.7 97.1

206 21.5 17.5 26.3



#81

Benzo(a)anthracene

Concen: 74.189 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.082 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

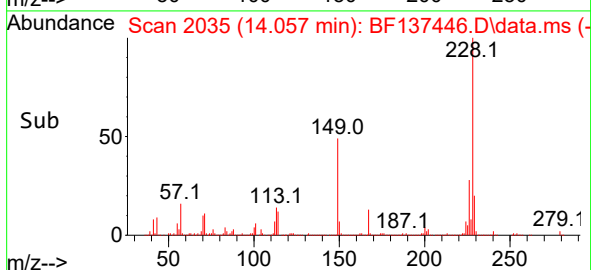
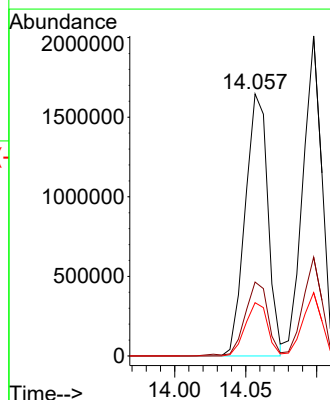
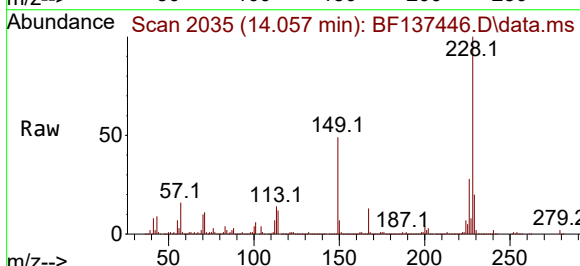
Tgt Ion:228 Resp: 1827568

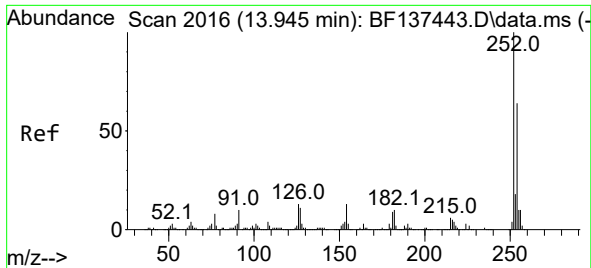
Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

229 20.4 16.3 24.5

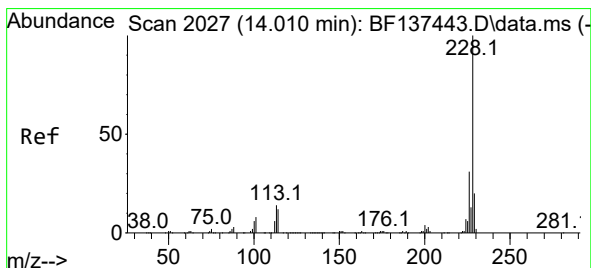
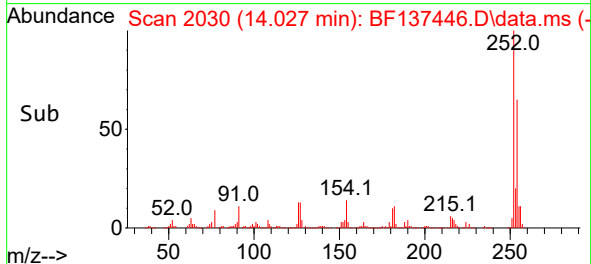
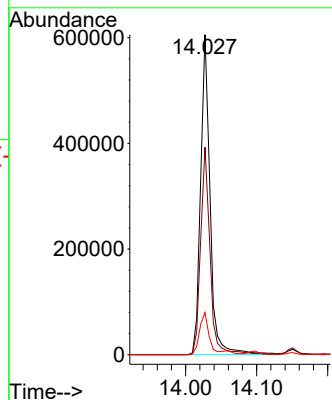
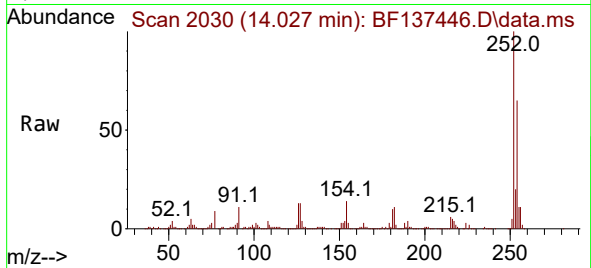




#82
 3,3'-Dichlorobenzidine
 Concen: 86.420 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. 0.082 min
 Lab File: BF137446.D
 Acq: 29 Feb 2024 17:14

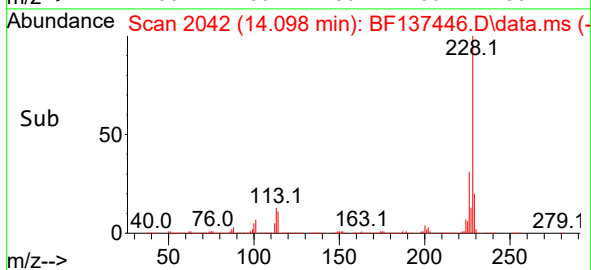
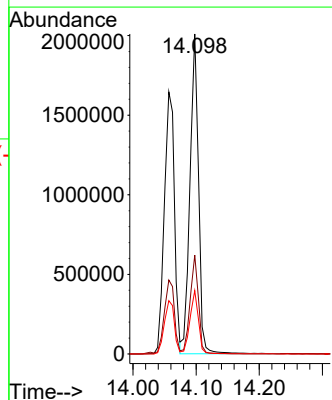
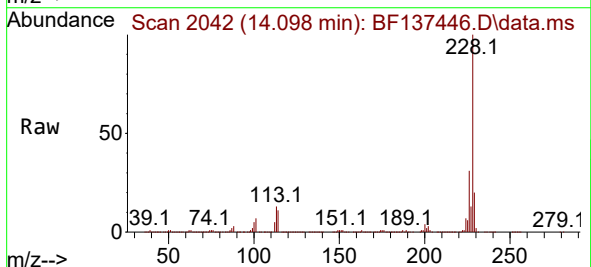
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

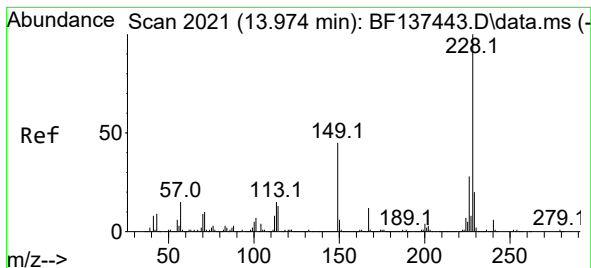
Tgt Ion:252 Resp: 566915
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.4 77.2
 126 13.2 10.4 15.6



#83
 Chrysene
 Concen: 76.580 ng
 RT: 14.098 min Scan# 2042
 Delta R.T. 0.088 min
 Lab File: BF137446.D
 Acq: 29 Feb 2024 17:14

Tgt Ion:228 Resp: 1906621
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.7 37.1
 229 19.8 15.9 23.9

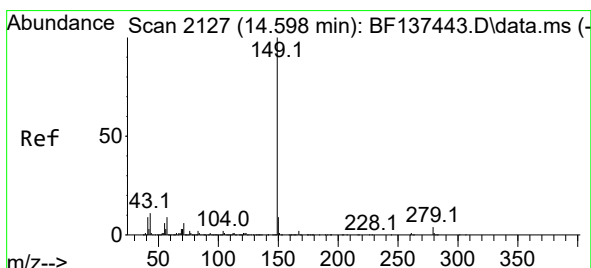
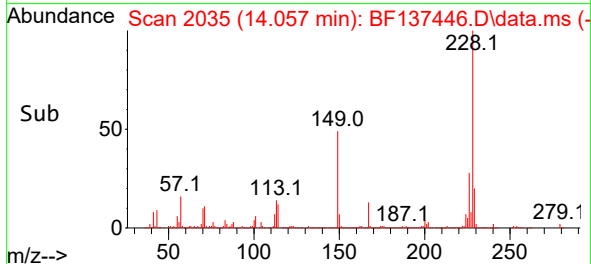
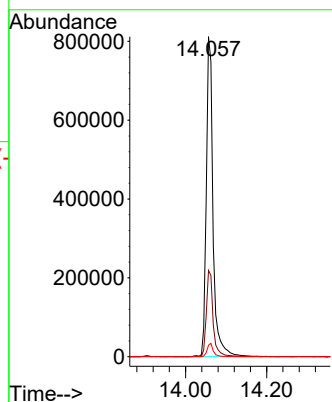
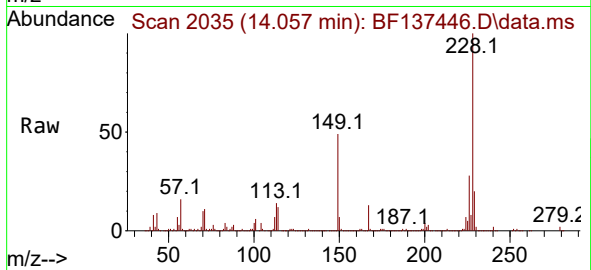




#84
Bis(2-ethylhexyl)phthalate
Concen: 83.145 ng
RT: 14.057 min Scan# 2021
Delta R.T. 0.082 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

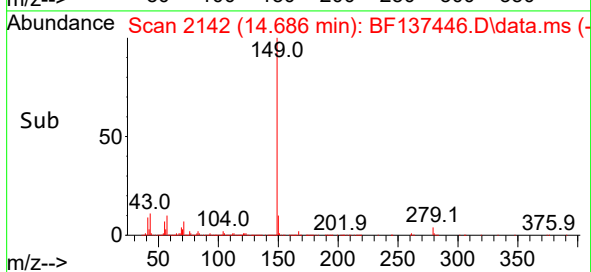
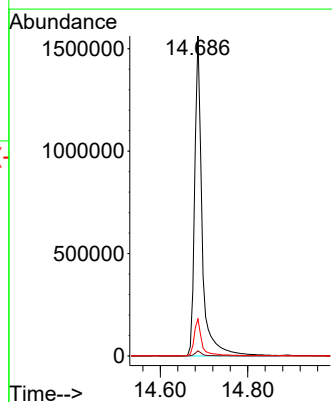
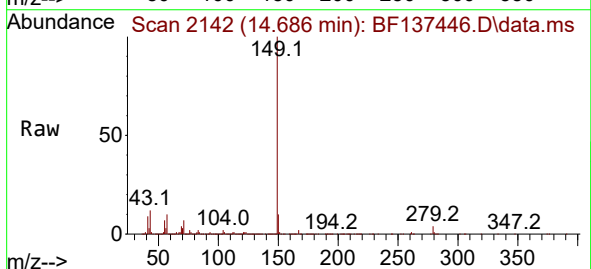
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

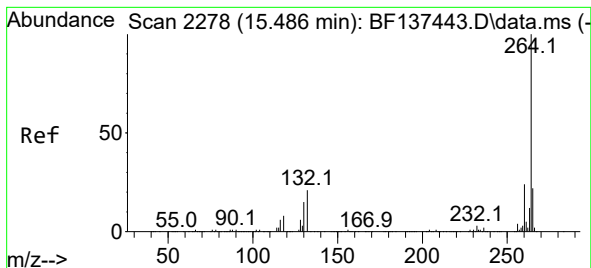
Tgt Ion:149 Resp: 930755
Ion Ratio Lower Upper
149 100
167 27.0 21.3 31.9
279 3.6 2.6 4.0



#85
Di-n-octyl phthalate
Concen: 94.542 ng
RT: 14.686 min Scan# 2142
Delta R.T. 0.088 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Tgt Ion:149 Resp: 1861517
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: 15.604 min Scan# 21

Delta R.T. 0.117 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

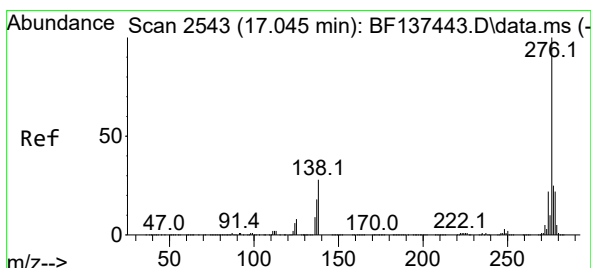
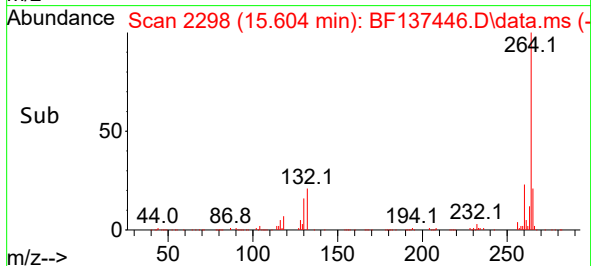
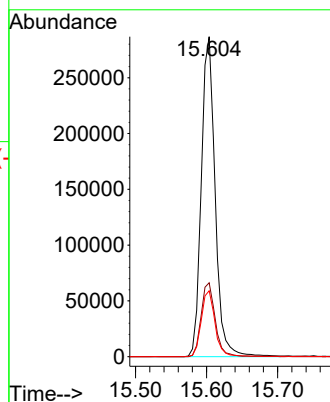
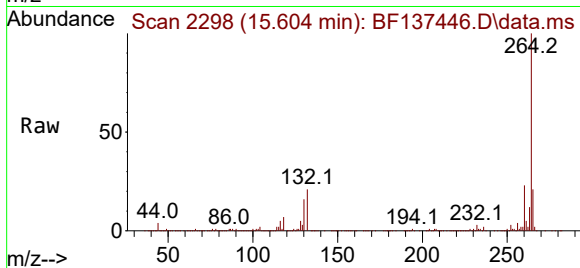
Tgt Ion:264 Resp: 389716

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 20.6 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 79.293 ng

RT: 17.215 min Scan# 2572

Delta R.T. 0.170 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

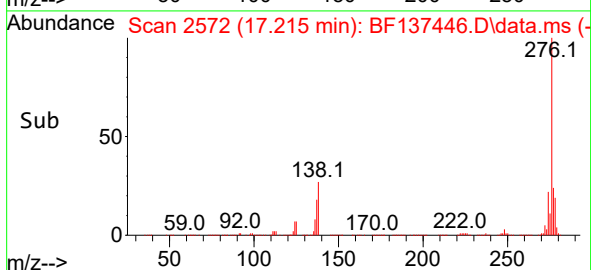
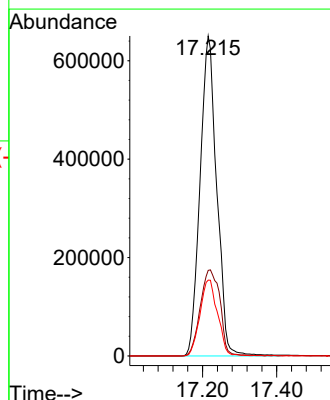
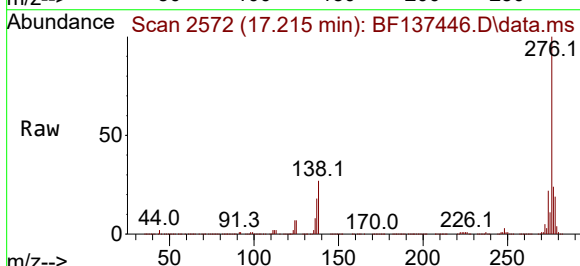
Tgt Ion:276 Resp: 2033544

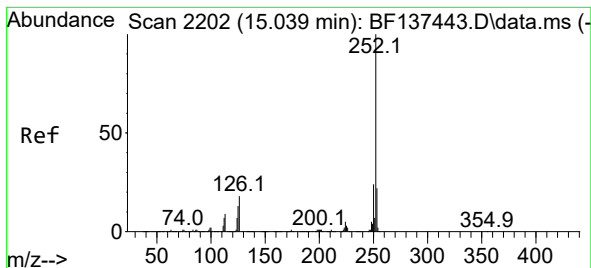
Ion Ratio Lower Upper

276 100

138 31.7 25.8 38.8

277 25.1 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 73.842 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.112 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

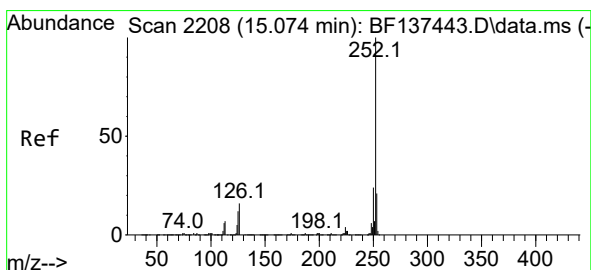
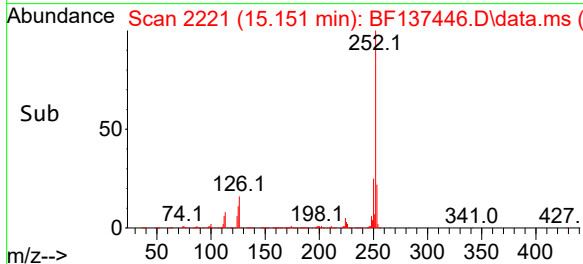
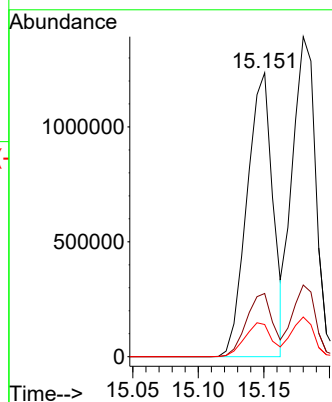
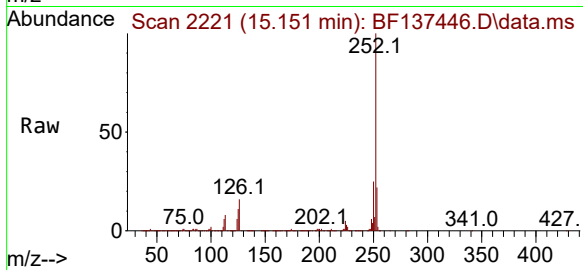
Tgt Ion:252 Resp: 1702306

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 11.3 10.1 15.1



#89

Benzo(k)fluoranthene

Concen: 71.085 ng

RT: 15.180 min Scan# 2226

Delta R.T. 0.106 min

Lab File: BF137446.D

Acq: 29 Feb 2024 17:14

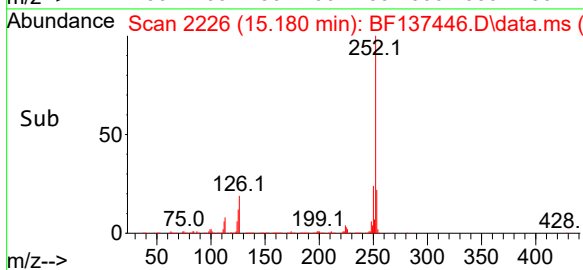
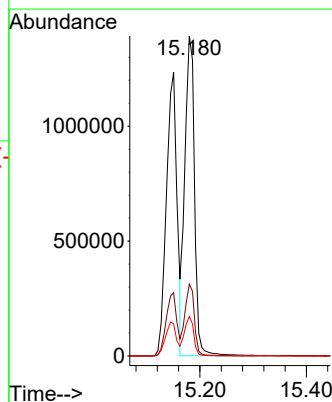
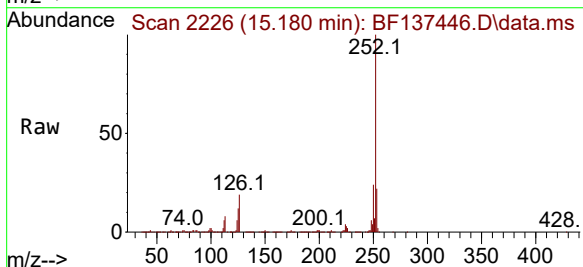
Tgt Ion:252 Resp: 1760159

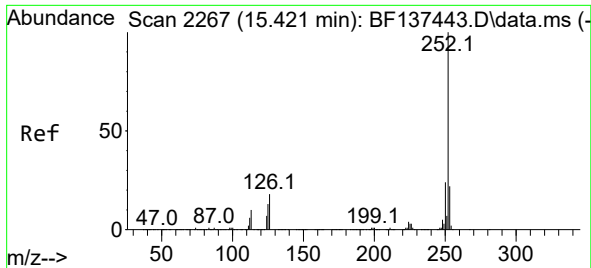
Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 12.4 9.6 14.4

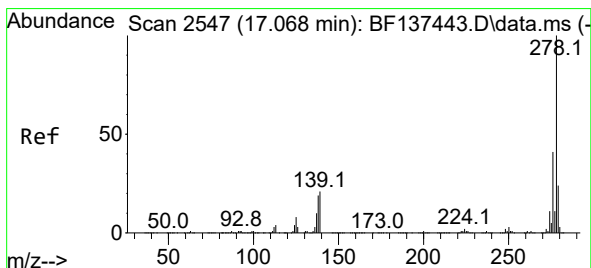
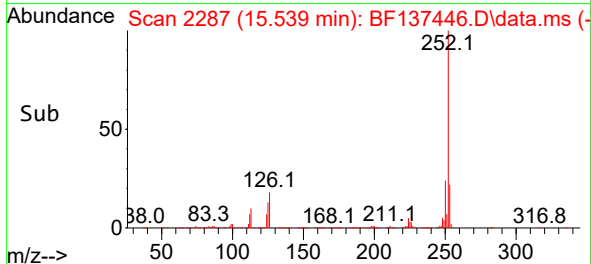
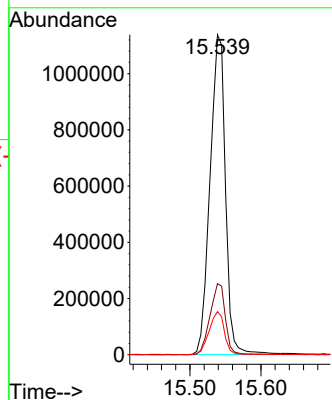
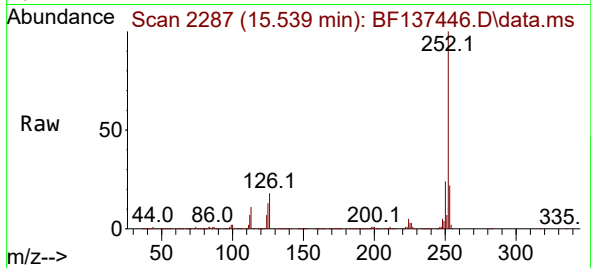




#90
Benzo(a)pyrene
Concen: 75.614 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.117 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

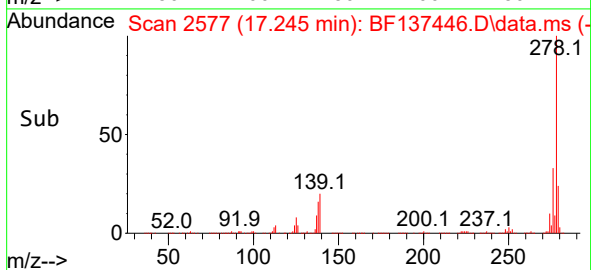
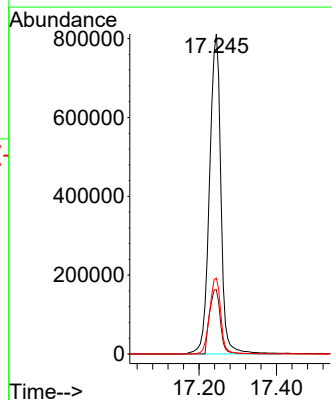
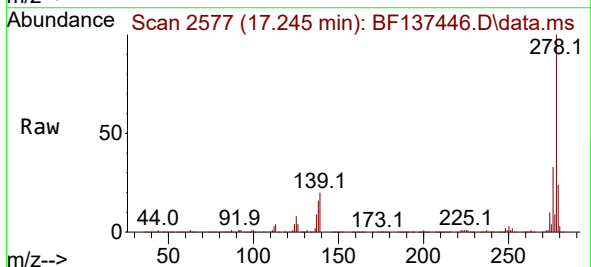
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

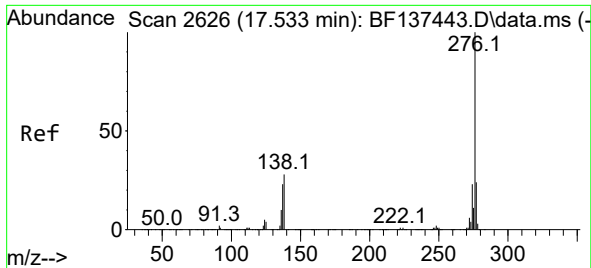
Tgt Ion:252 Resp: 1717789
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 13.4 10.4 15.6



#91
Dibenzo(a,h)anthracene
Concen: 79.656 ng
RT: 17.245 min Scan# 2577
Delta R.T. 0.176 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

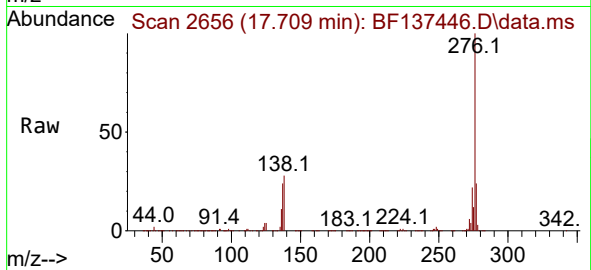
Tgt Ion:278 Resp: 1657182
Ion Ratio Lower Upper
278 100
139 20.1 17.0 25.6
279 23.7 18.8 28.2





#92
Benzo(g,h,i)perylene
Concen: 79.414 ng
RT: 17.709 min Scan# 20
Delta R.T. 0.176 min
Lab File: BF137446.D
Acq: 29 Feb 2024 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:276 Resp: 1696728
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 28.3 22.2 33.2

