

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022924\
 Data File : BF137445.D
 Acq On : 29 Feb 2024 16:43
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Mar 01 02:59:45 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	810536	20.000	ng	0.07
39) Acenaphthene-d10	9.910	164	451374	20.000	ng	0.07
64) Phenanthrene-d10	11.404	188	760756	20.000	ng	0.08
76) Chrysene-d12	14.068	240	377521	20.000	ng	0.08
86) Perylene-d12	15.598	264	376339	20.000	ng	0.11

System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1614780	0.000	ng	0.10
7) Phenol-d6	6.528	99	2274737	0.000	ng	0.08
23) Nitrobenzene-d5	7.445	82	2059634	118.069	ng	0.08
42) 2,4,6-Tribromophenol	10.710	330	483738	122.038	ng	0.08
45) 2-Fluorobiphenyl	9.234	172	3039062	105.394	ng	0.07
79) Terphenyl-d14	13.010	244	3256693	118.624	ng	0.08

Target Compounds					Qvalue	
22) Acetophenone	7.292	105	1105443	56.368	ng	# 93
24) Nitrobenzene	7.463	77	1058806	60.421	ng	99
25) Isophorone	7.704	82	1984505	59.880	ng	99
26) 2-Nitrophenol	7.775	139	446407	64.165	ng	98
27) 2,4-Dimethylphenol	7.816	122	768390	59.108	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	1148294	59.053	ng	100
29) 2,4-Dichlorophenol	8.016	162	707897	59.333	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	726513	57.865	ng	99
31) Naphthalene	8.175	128	2428122	55.834	ng	100
32) Benzoic acid	7.969	122	466104	63.406	ng	99
33) 4-Chloroaniline	8.228	127	1041305	61.064	ng	97
34) Hexachlorobutadiene	8.292	225	430469	58.075	ng	99
35) Caprolactam	8.622	113	250678	61.931	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	783925	58.782	ng	100
37) 2-Methylnaphthalene	8.869	142	1543592	55.678	ng	99
38) 1-Methylnaphthalene	8.969	142	1441537	55.214	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	725031	57.536	ng	100
41) Hexachlorocyclopentadiene	9.016	237	300178	74.085	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	492399	60.005	ng	98
44) 2,4,5-Trichlorophenol	9.186	196	564958	59.766	ng	95
46) 1,1'-Biphenyl	9.334	154	1842528	55.772	ng	99
47) 2-Chloronaphthalene	9.357	162	1425335	56.589	ng	98
48) 2-Nitroaniline	9.463	65	561891	65.633	ng	99
49) Acenaphthylene	9.775	152	2221079	55.102	ng	99
50) Dimethylphthalate	9.645	163	1798069	57.225	ng	99
51) 2,6-Dinitrotoluene	9.704	165	403249	61.359	ng	99
52) Acenaphthene	9.945	154	1320580	54.876	ng	99
53) 3-Nitroaniline	9.881	138	443820	63.846	ng	93
54) 2,4-Dinitrophenol	9.981	184	187964	75.014	ng	98
55) Dibenzofuran	10.122	168	1978118	53.970	ng	98
56) 4-Nitrophenol	10.039	139	299926	69.848	ng	95
57) 2,4-Dinitrotoluene	10.110	165	492079	60.945	ng	93
58) Fluorene	10.463	166	1493439	53.056	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	463997	60.742	ng	98
60) Diethylphthalate	10.345	149	1682228	56.695	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	753841	54.645	ng	98

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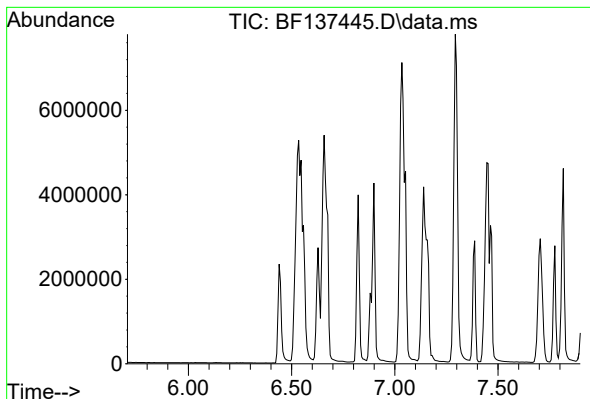
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 4-Nitroaniline	10.498	138	386330	67.280	ng	99
63) Azobenzene	10.622	77	1927623	56.419	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	281131	66.304	ng	87
66) n-Nitrosodiphenylamine	10.580	169	1395867	56.980	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	487036	58.778	ng	98
68) Hexachlorobenzene	11.010	284	493947	59.021	ng	97
69) Atrazine	11.116	200	437583	58.759	ng	97
70) Pentachlorophenol	11.210	266	323970	64.036	ng	98
71) Phenanthrene	11.433	178	2265706	54.725	ng	98
72) Anthracene	11.486	178	2380067	55.973	ng	100
73) Carbazole	11.645	167	2075063	56.971	ng	100
74) Di-n-butylphthalate	11.980	149	2444728	56.414	ng	99
75) Fluoranthene	12.627	202	2211333	54.642	ng	98
77) Benzidine	12.757	184	582655	63.753	ng	99
78) Pyrene	12.857	202	2240379	60.480	ng	100
80) Butylbenzylphthalate	13.492	149	635648	67.191	ng	95
81) Benzo(a)anthracene	14.057	228	1576470	59.579	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	467261	66.313	ng	99
83) Chrysene	14.092	228	1588852	59.412	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	789297	65.641	ng	99
85) Di-n-octyl phthalate	14.680	149	1410174	66.676	ng	100
87) Indeno(1,2,3-cd)pyrene	17.204	276	1550025	62.588	ng	99
88) Benzo(b)fluoranthene	15.145	252	1330337	59.758	ng	99
89) Benzo(k)fluoranthene	15.174	252	1393420	58.274	ng	99
90) Benzo(a)pyrene	15.533	252	1327762	60.523	ng	99
91) Dibenzo(a,h)anthracene	17.233	278	1278819	63.654	ng	99
92) Benzo(g,h,i)perylene	17.698	276	1296436	62.835	ng	99

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

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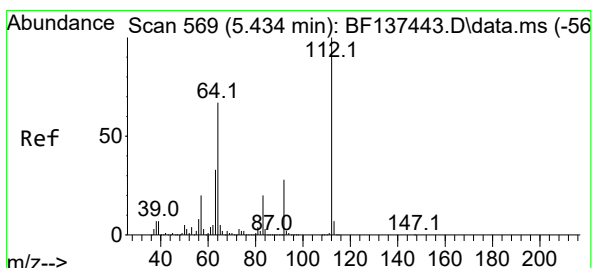
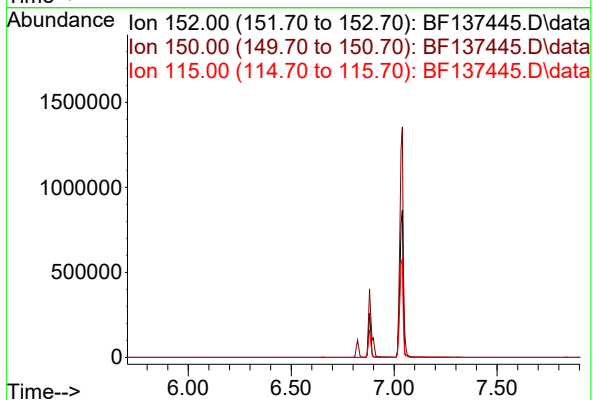




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.80 min
 Lab File: BF137445.D
 Acq: 29 Feb 2024 16:43

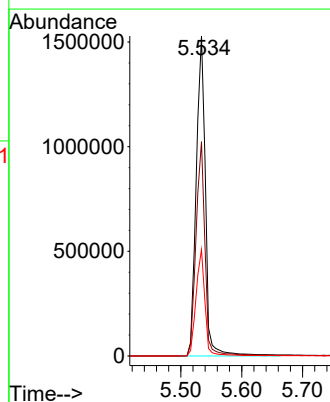
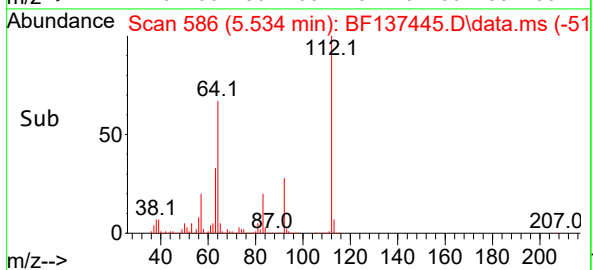
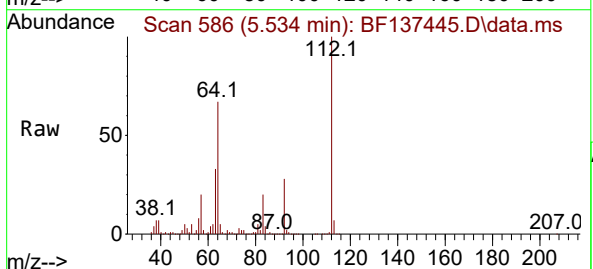
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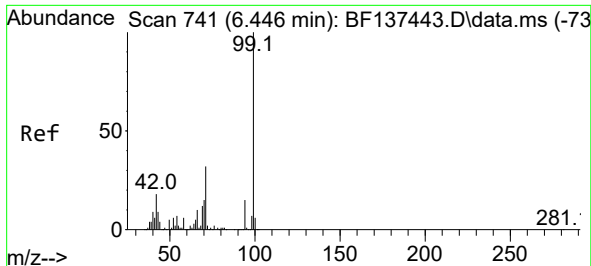
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 157.2
 115 61.0



#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.534 min Scan# 586
 Delta R.T. 0.100 min
 Lab File: BF137445.D
 Acq: 29 Feb 2024 16:43

Tgt Ion: 112 Resp: 1614780
 Ion Ratio Lower Upper
 112 100
 64 66.9 53.4 80.2
 63 33.3 26.2 39.2

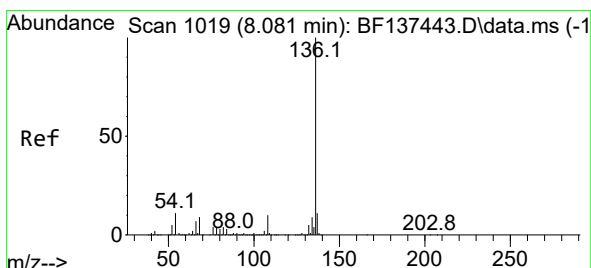
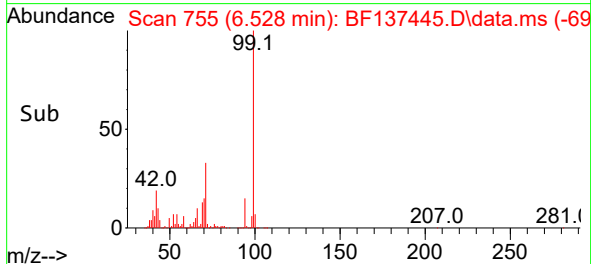
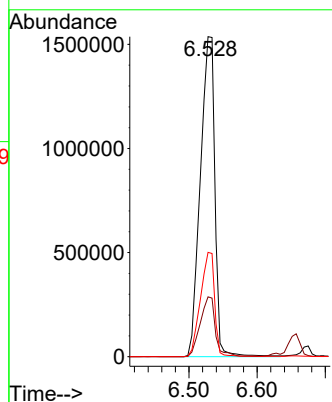
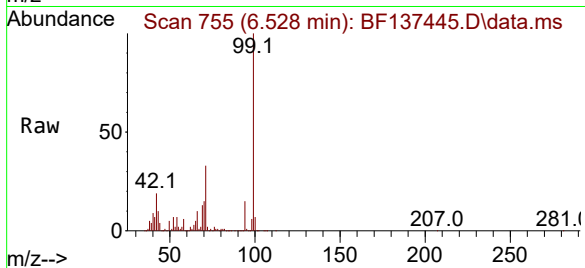




#7
Phenol-d6
Concen: 0.000 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.082 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

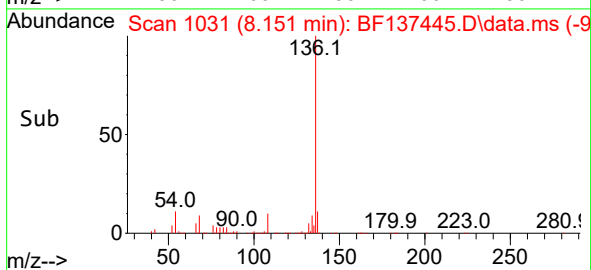
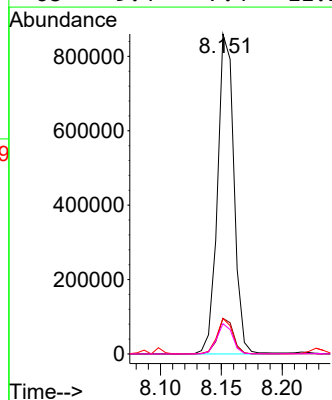
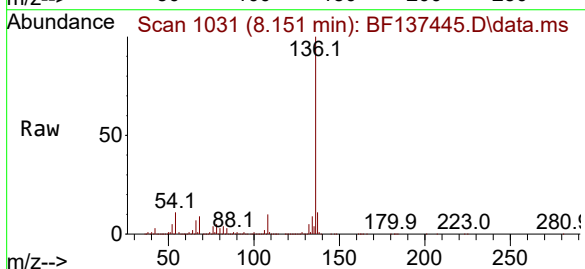
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ClientSampleId :
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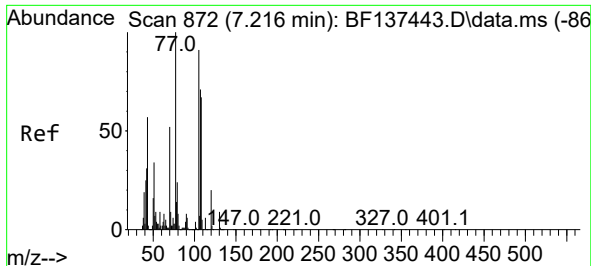
Tgt Ion: 99 Resp: 2274737
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 32.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.071 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion: 136 Resp: 810536
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 11.1 8.5 12.7
68 9.4 7.4 11.2

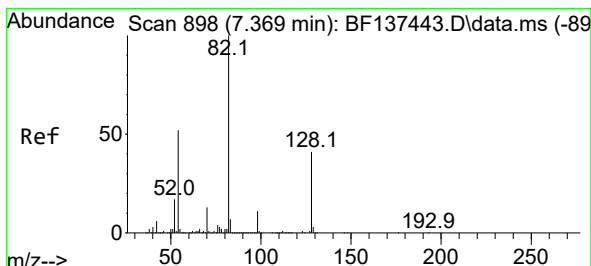
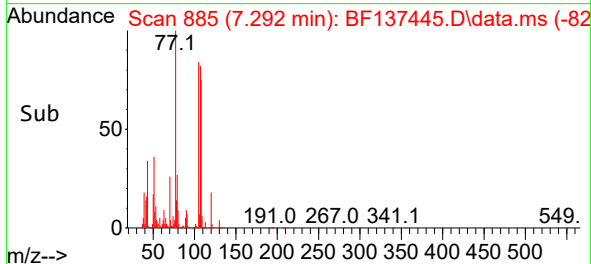
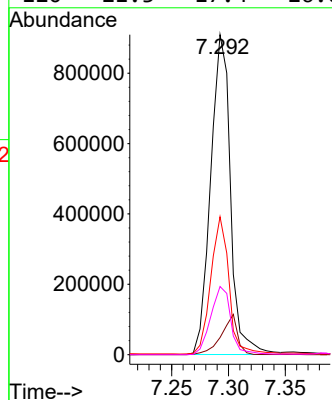
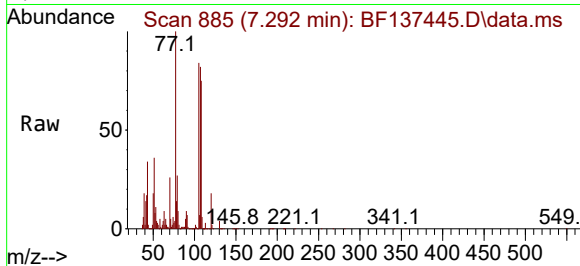




#22
Acetophenone
Concen: 56.368 ng
RT: 7.292 min Scan# 811
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

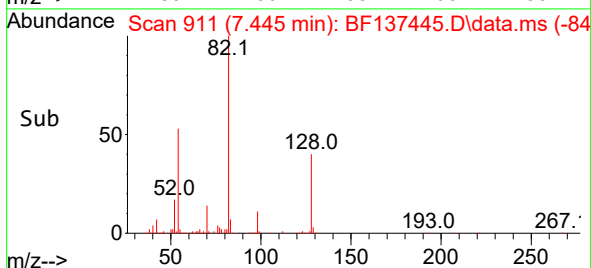
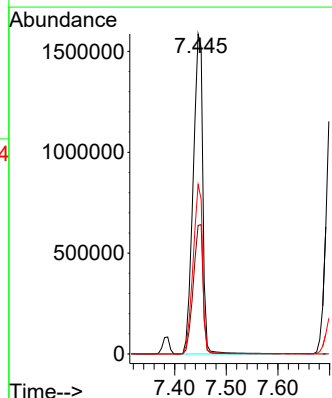
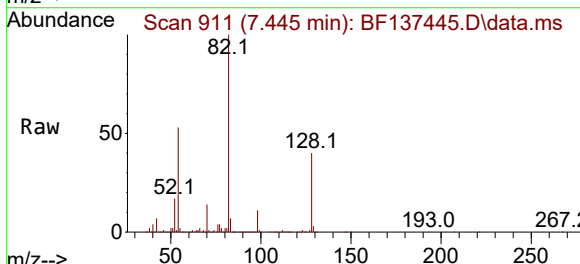
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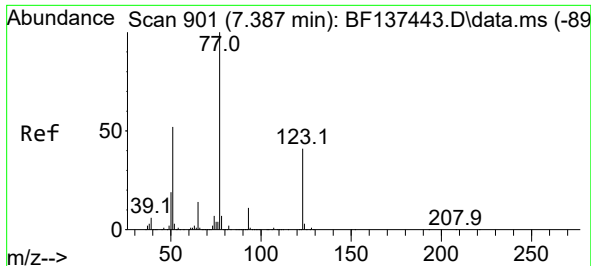
Tgt Ion:105 Resp: 1105443
Ion Ratio Lower Upper
105 100
71 5.3 7.7 11.5#
51 43.1 30.4 45.6
120 21.3 17.4 26.0



#23
Nitrobenzene-d5
Concen: 118.069 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion: 82 Resp: 2059634
Ion Ratio Lower Upper
82 100
128 40.2 32.5 48.7
54 53.0 41.5 62.3

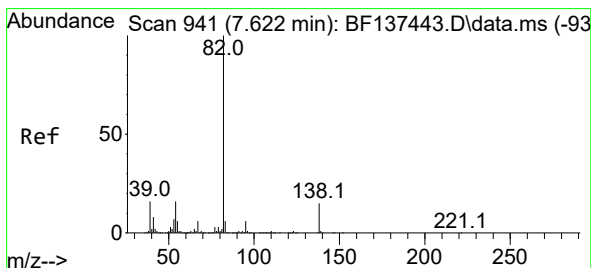
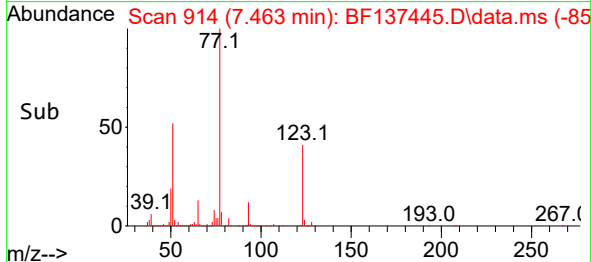
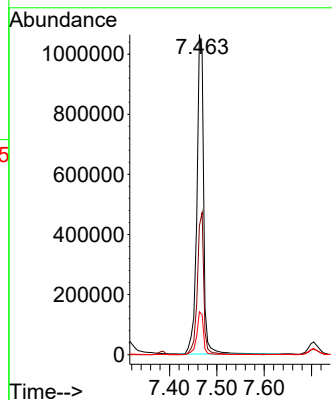
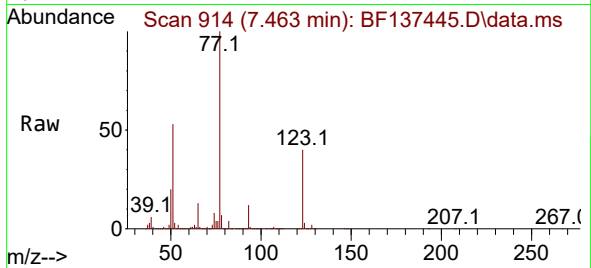




#24
Nitrobenzene
Concen: 60.421 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

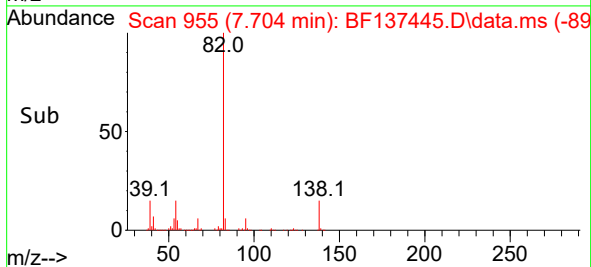
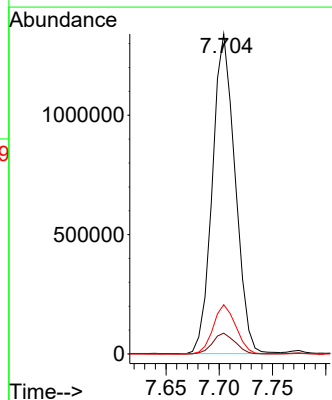
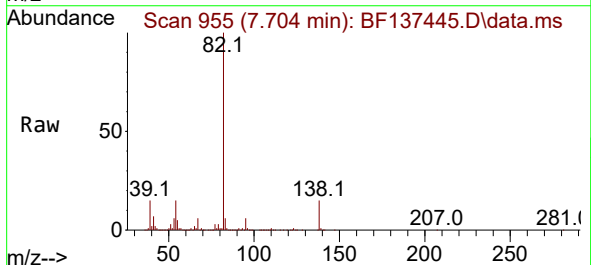
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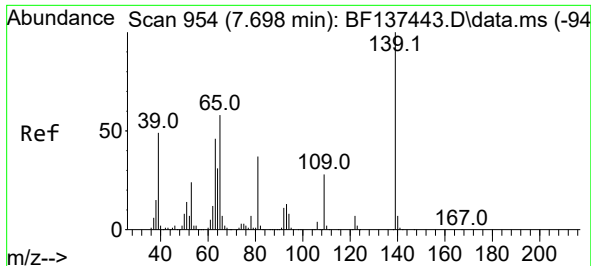
Tgt Ion: 77 Resp: 1058806
Ion Ratio Lower Upper
77 100
123 40.3 33.0 49.6
65 13.4 10.9 16.3



#25
Isophorone
Concen: 59.880 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.082 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion: 82 Resp: 1984505
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.4 11.8 17.8

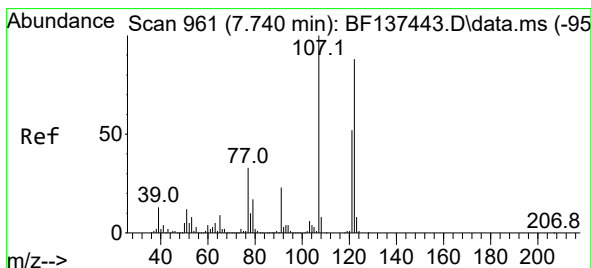
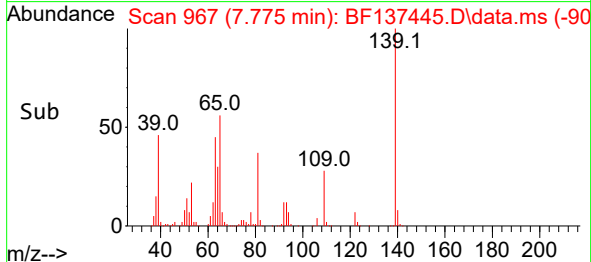
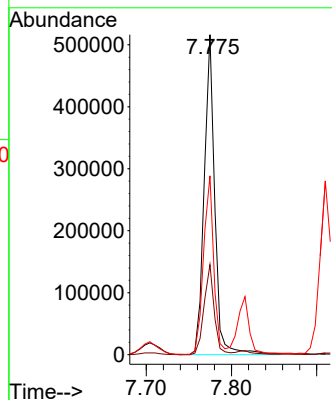
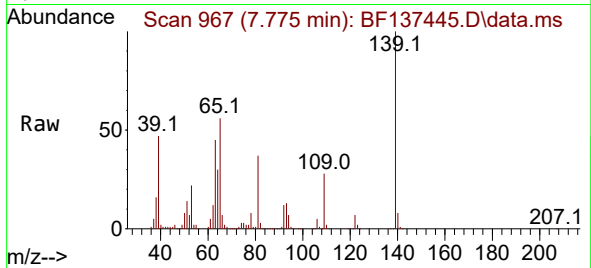




#26
2-Nitrophenol
Concen: 64.165 ng
RT: 7.775 min Scan# 90
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

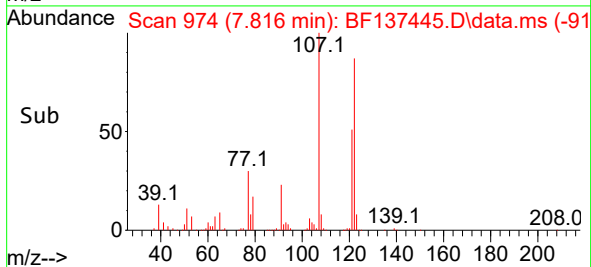
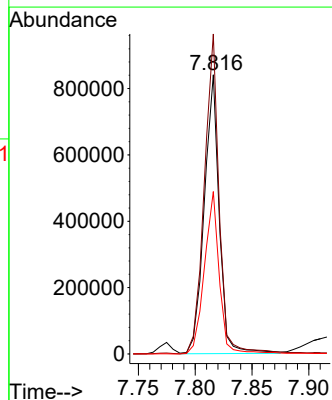
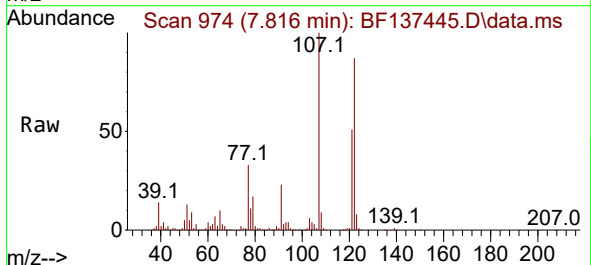
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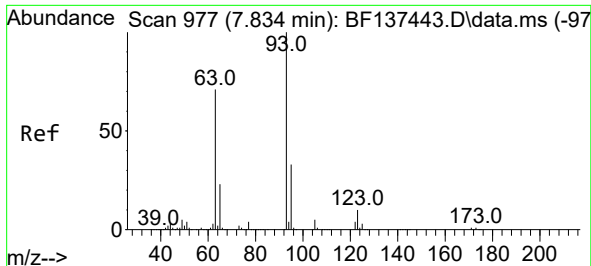
Tgt Ion:139 Resp: 446407
Ion Ratio Lower Upper
139 100
109 28.2 22.2 33.4
65 55.9 46.2 69.2



#27
2,4-Dimethylphenol
Concen: 59.108 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion:122 Resp: 768390
Ion Ratio Lower Upper
122 100
107 114.6 90.9 136.3
121 58.1 47.0 70.6

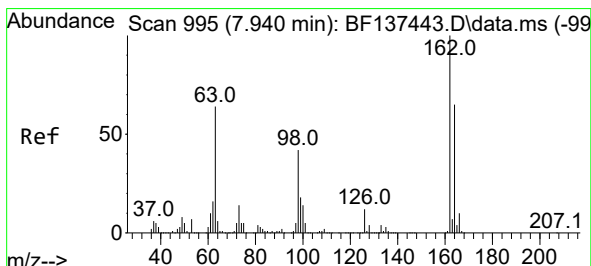
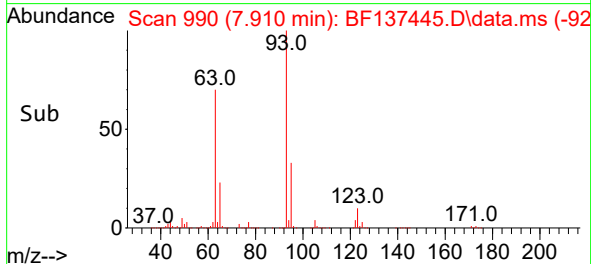
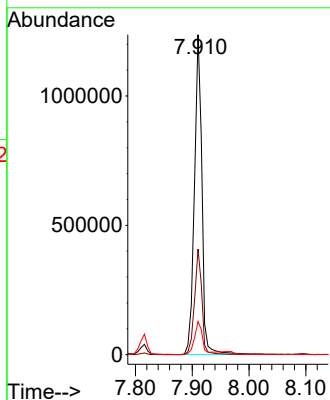
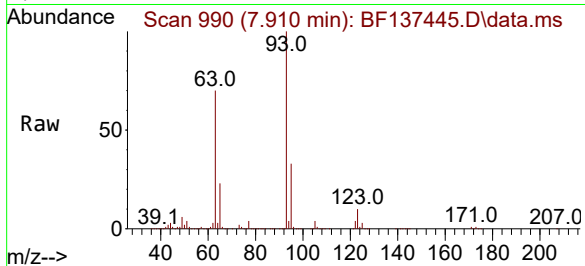




#28
bis(2-Chloroethoxy)methane
Concen: 59.053 ng
RT: 7.910 min Scan# 910
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

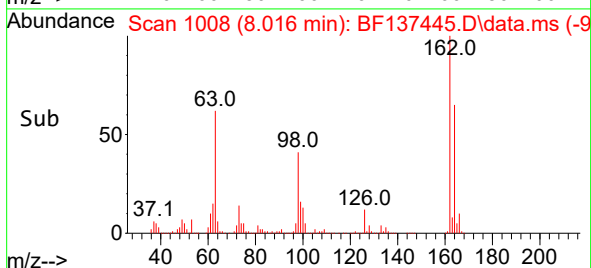
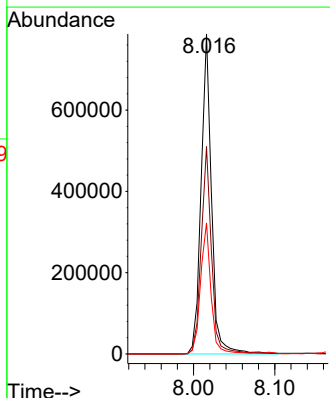
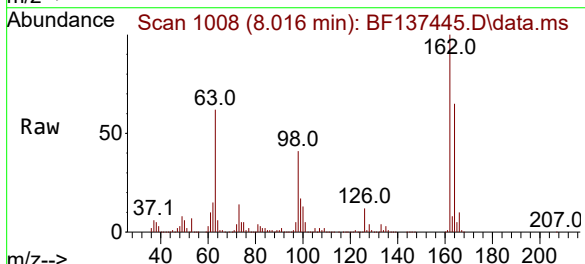
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SSTDICC060

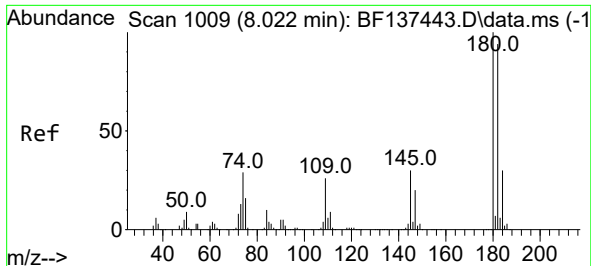
Tgt Ion: 93 Resp: 1148294
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 10.4 8.0 12.0



#29
2,4-Dichlorophenol
Concen: 59.333 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion: 162 Resp: 707897
Ion Ratio Lower Upper
162 100
164 64.8 44.7 84.7
98 40.9 22.0 62.0

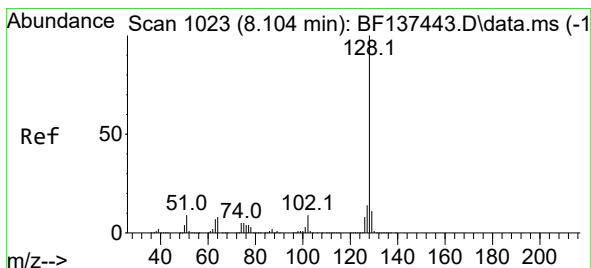
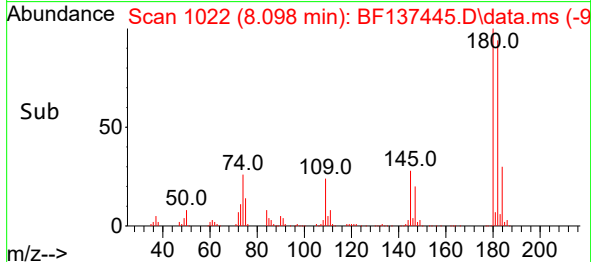
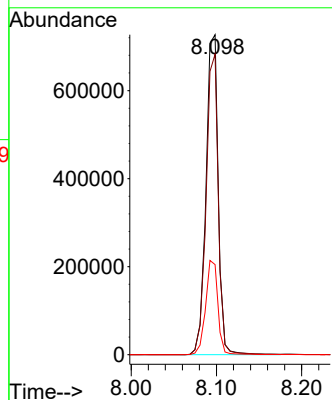
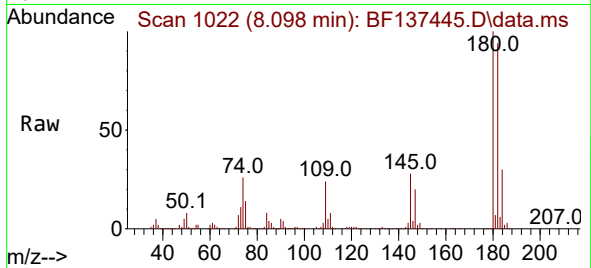




#30
1,2,4-Trichlorobenzene
Concen: 57.865 ng
RT: 8.098 min Scan# 1009
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

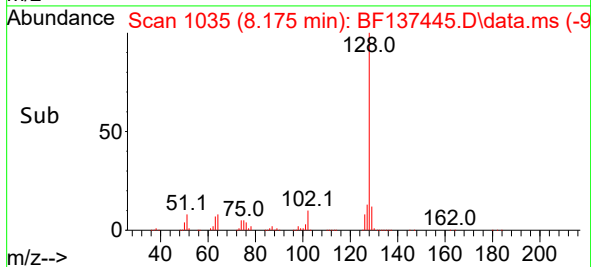
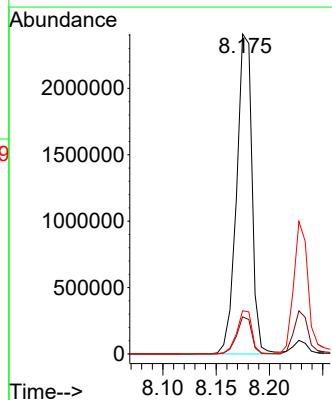
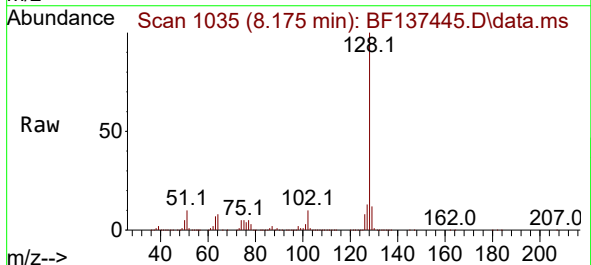
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

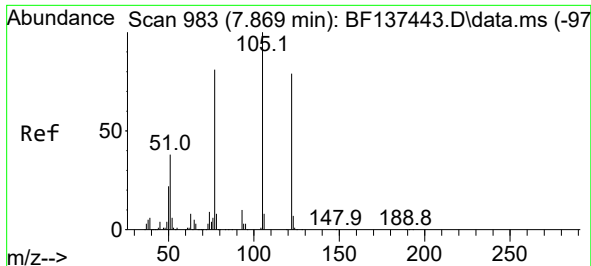
Tgt Ion:180 Resp: 726513
Ion Ratio Lower Upper
180 100
182 93.9 75.0 112.6
145 28.1 23.7 35.5



#31
Naphthalene
Concen: 55.834 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.071 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion:128 Resp: 2428122
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.5 10.8 16.2

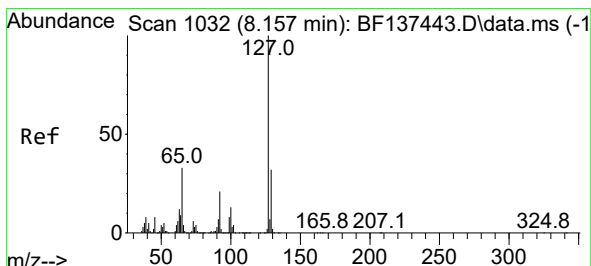
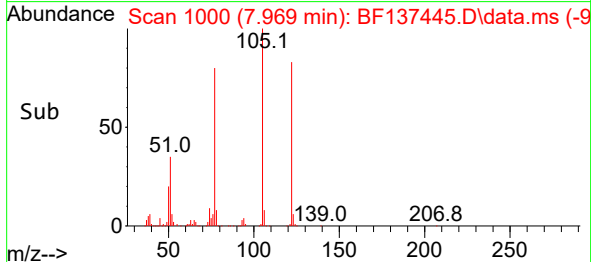
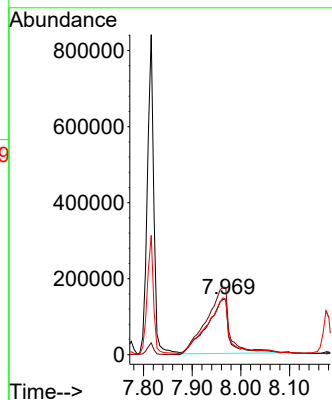
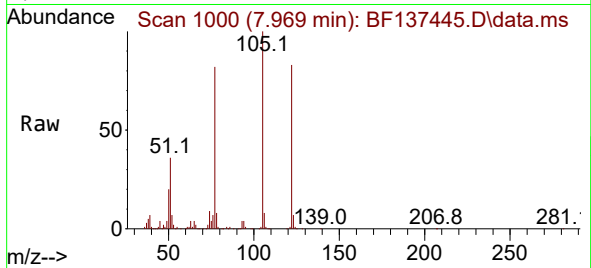




#32
Benzoic acid
Concen: 63.406 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.100 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

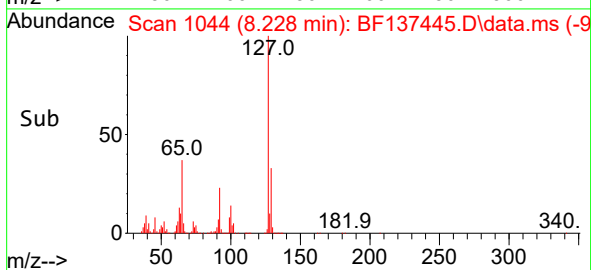
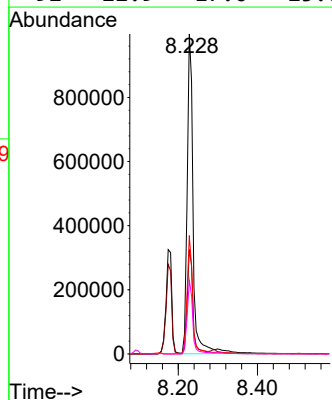
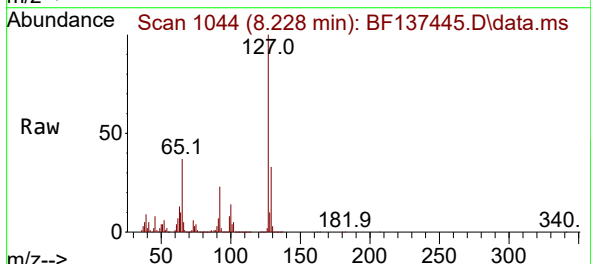
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

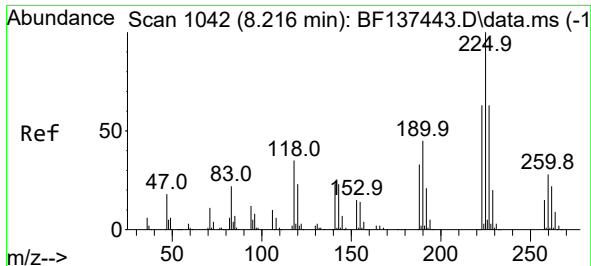
Tgt Ion:122 Resp: 466104
Ion Ratio Lower Upper
122 100
105 121.2 102.4 142.4
77 99.3 81.1 121.1



#33
4-Chloroaniline
Concen: 61.064 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.071 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion:127 Resp: 1041305
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0
65 37.0 26.8 40.2
92 22.9 17.0 25.6





#34

Hexachlorobutadiene

Concen: 58.075 ng

RT: 8.292 min Scan# 1105

Delta R.T. 0.076 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

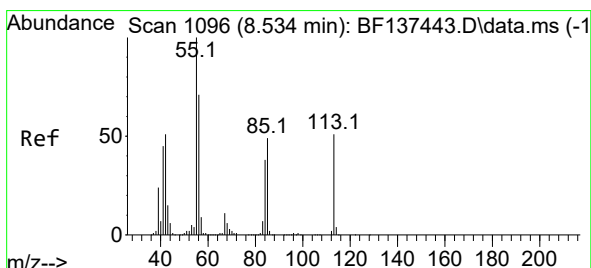
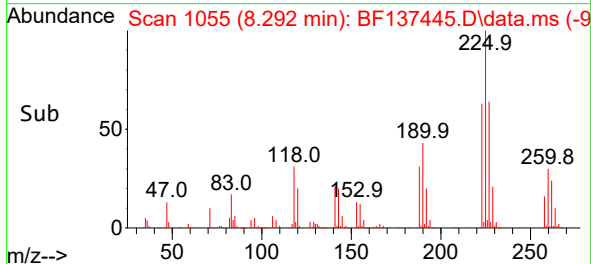
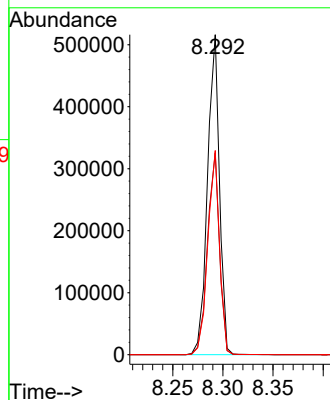
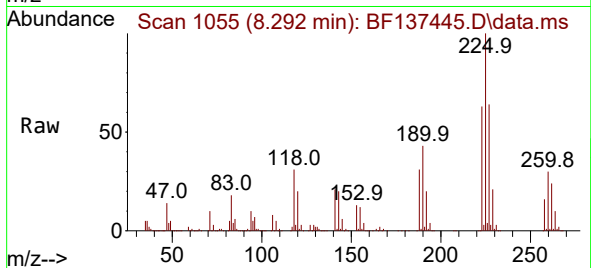
Tgt Ion:225 Resp: 430469

Ion Ratio Lower Upper

225 100

223 63.1 50.7 76.1

227 63.8 50.6 75.8



#35

Caprolactam

Concen: 61.931 ng

RT: 8.622 min Scan# 1111

Delta R.T. 0.088 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

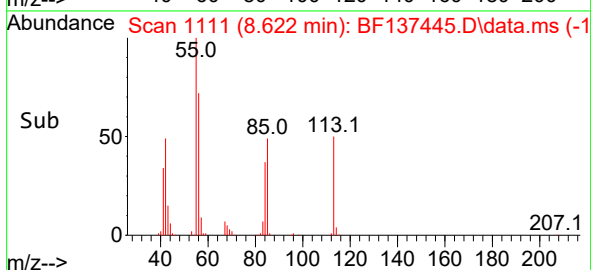
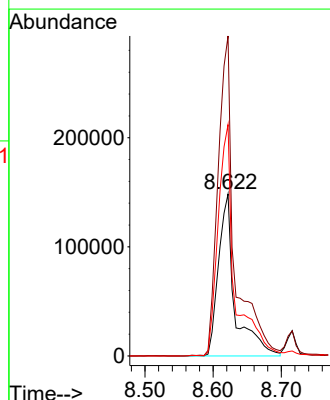
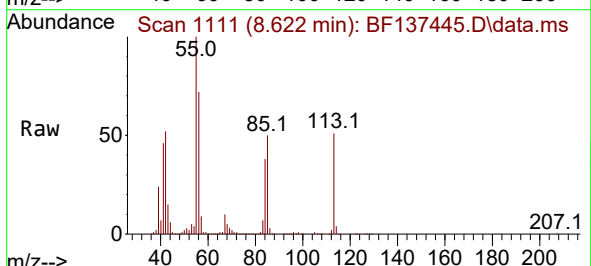
Tgt Ion:113 Resp: 250678

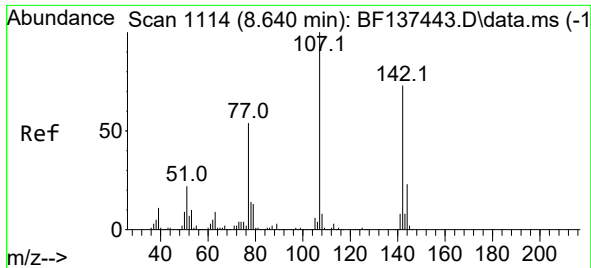
Ion Ratio Lower Upper

113 100

55 197.7 176.7 216.7

56 143.0 120.6 160.6

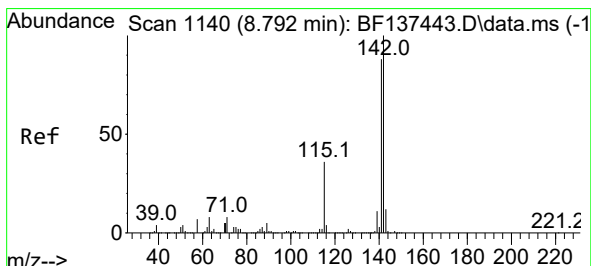
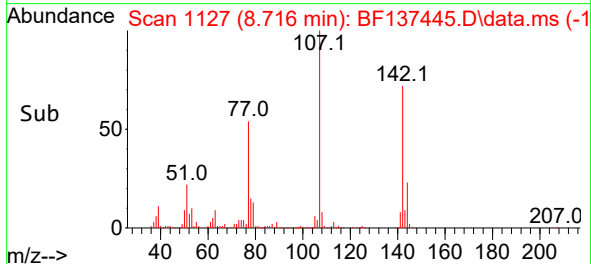
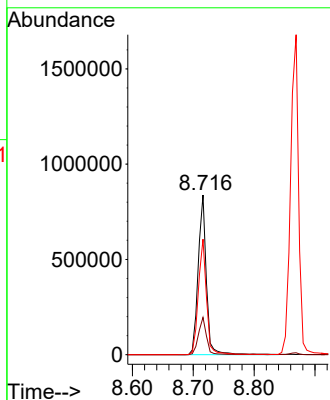
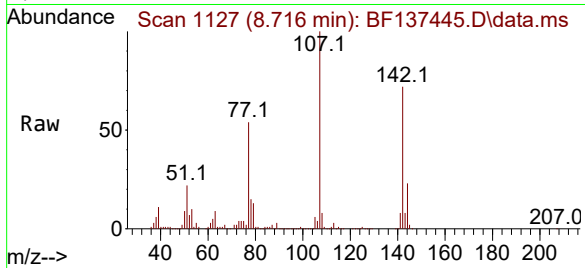




#36
4-Chloro-3-methylphenol
Concen: 58.782 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

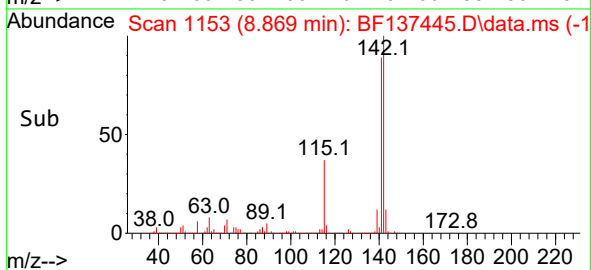
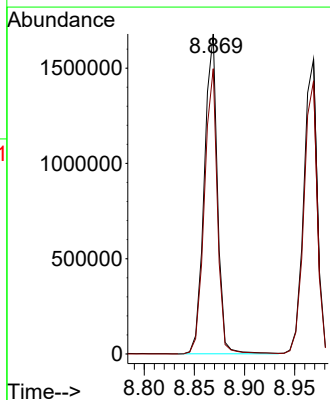
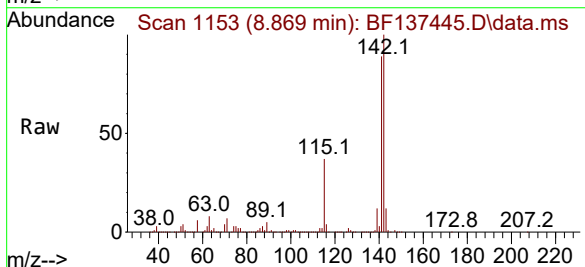
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

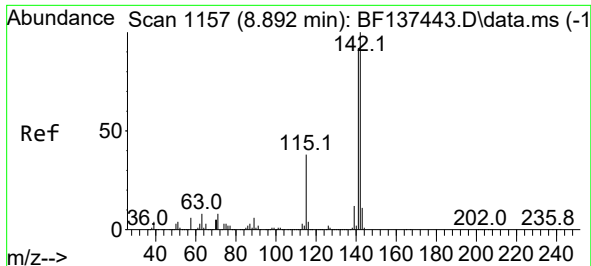
Tgt Ion:107 Resp: 783925
Ion Ratio Lower Upper
107 100
144 23.4 18.7 28.1
142 72.4 58.2 87.2



#37
2-Methylnaphthalene
Concen: 55.678 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion:142 Resp: 1543592
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6





#38

1-Methylnaphthalene

Concen: 55.214 ng

RT: 8.969 min Scan# 1157

Delta R.T. 0.076 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

Instrument :

BNA_F

ClientSampleId :

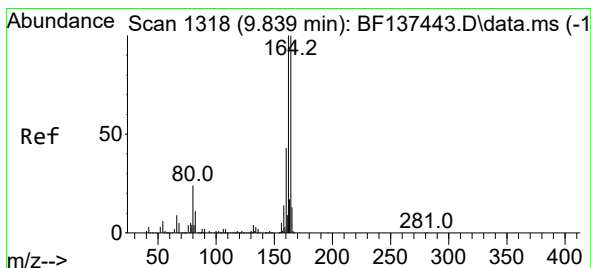
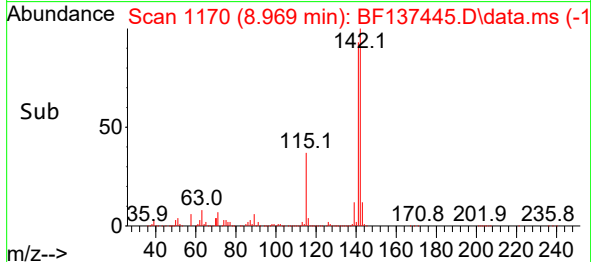
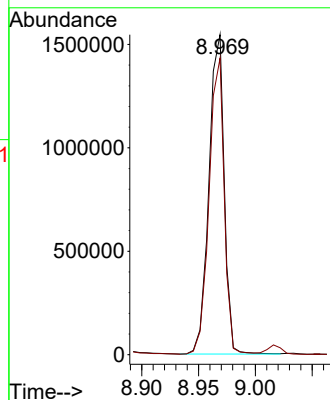
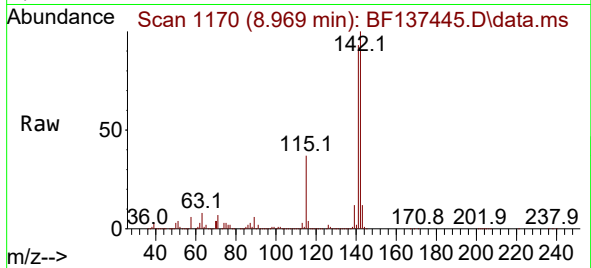
SSTDICC060

Tgt Ion:142 Resp: 1441537

Ion Ratio Lower Upper

142 100

141 92.7 73.4 110.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.071 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

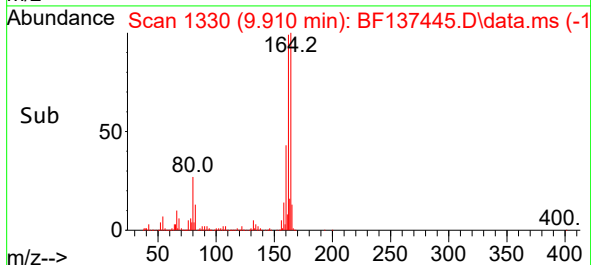
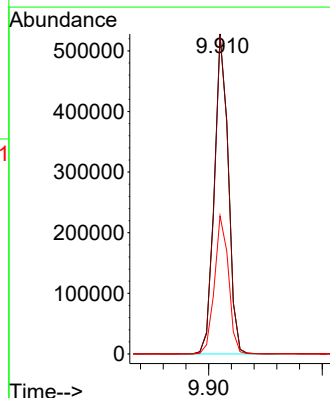
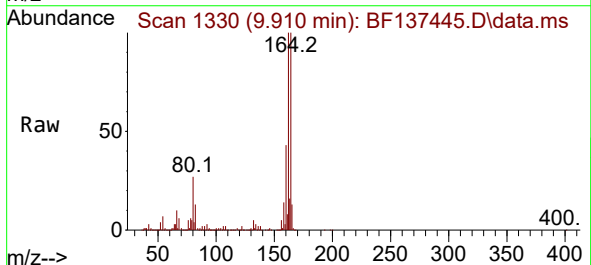
Tgt Ion:164 Resp: 451374

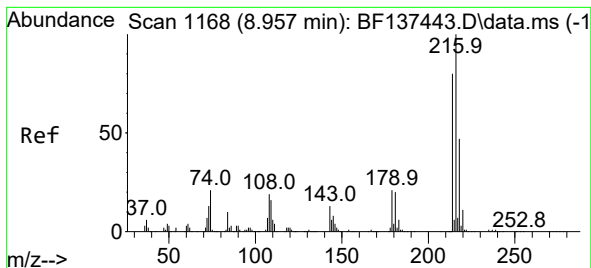
Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.8

160 43.2 34.4 51.6





#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.536 ng

RT: 9.034 min Scan# 1181

Delta R.T. 0.076 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:216 Resp: 725031

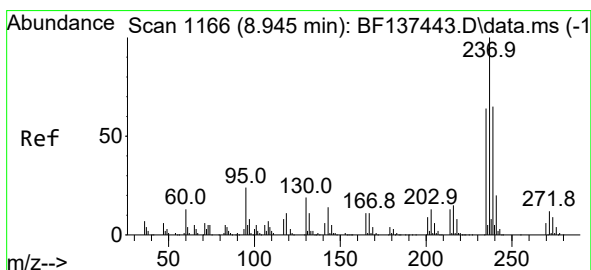
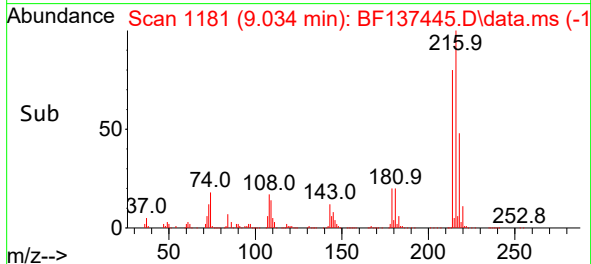
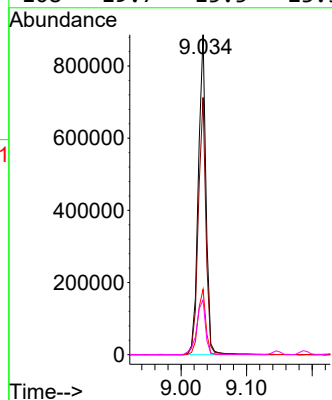
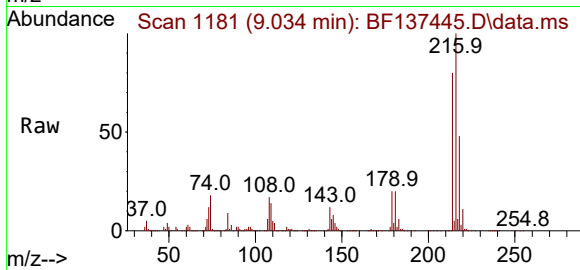
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 20.8 16.6 25.0

108 19.7 15.5 23.3



#41

Hexachlorocyclopentadiene

Concen: 74.085 ng

RT: 9.016 min Scan# 1178

Delta R.T. 0.071 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

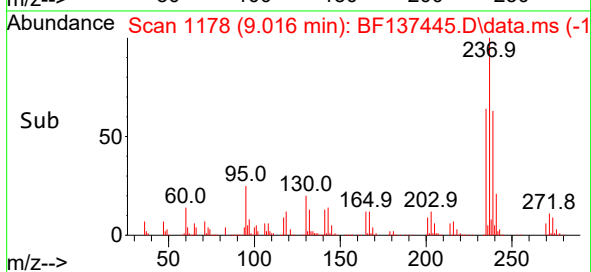
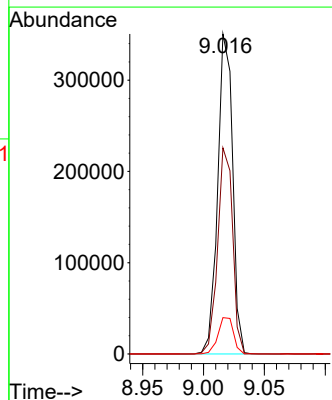
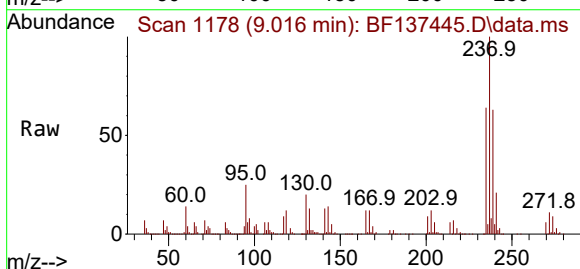
Tgt Ion:237 Resp: 300178

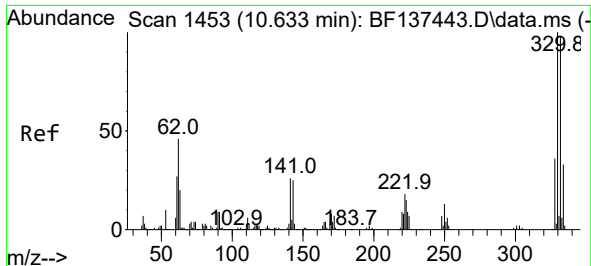
Ion Ratio Lower Upper

237 100

235 64.4 43.6 83.6

272 11.4 0.0 31.9





#42

2,4,6-Tribromophenol

Concen: 122.038 ng

RT: 10.710 min Scan# 1453

Delta R.T. 0.076 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

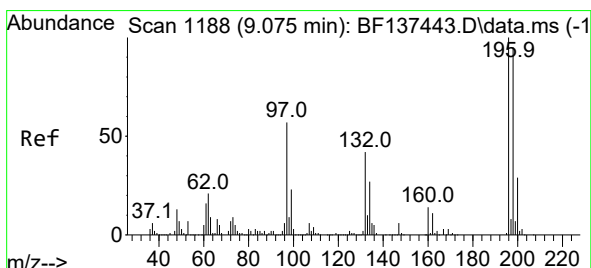
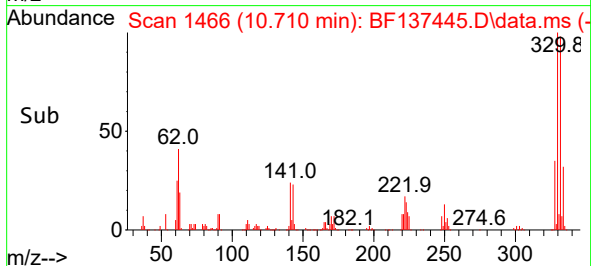
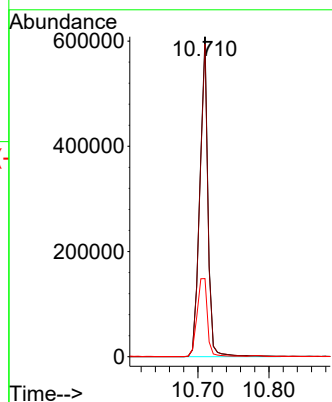
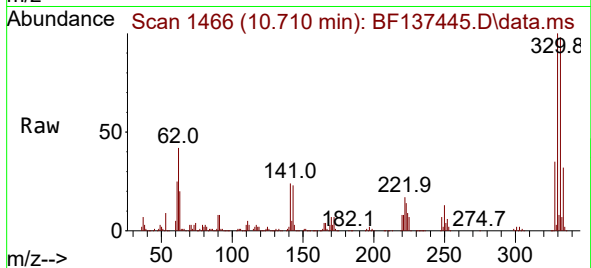
Tgt Ion:330 Resp: 483738

Ion Ratio Lower Upper

330 100

332 97.7 78.0 117.0

141 31.0 27.3 40.9



#43

2,4,6-Trichlorophenol

Concen: 60.005 ng

RT: 9.145 min Scan# 1200

Delta R.T. 0.071 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

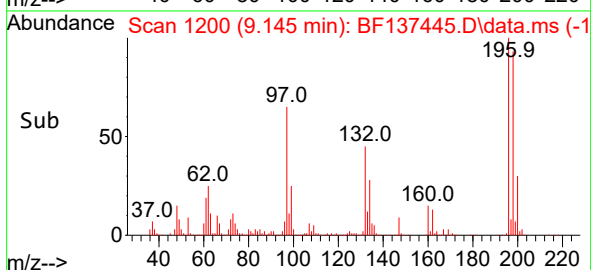
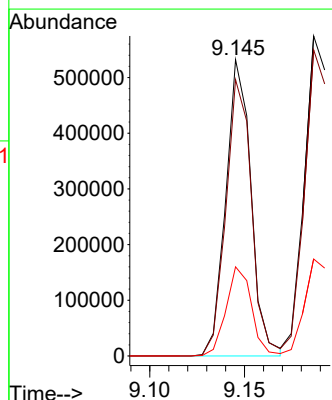
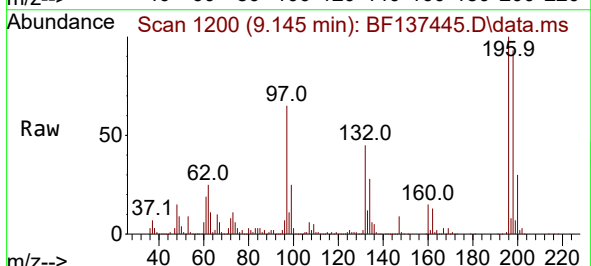
Tgt Ion:196 Resp: 492399

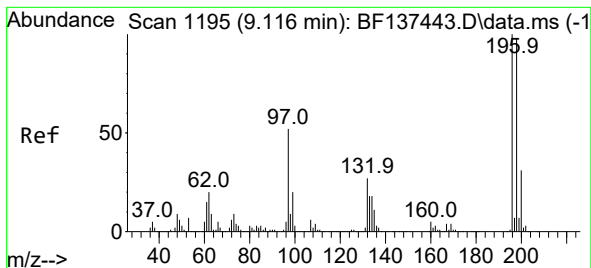
Ion Ratio Lower Upper

196 100

198 93.2 75.8 113.8

200 30.1 23.5 35.3





#44

2,4,5-Trichlorophenol

Concen: 59.766 ng

RT: 9.186 min Scan# 1195

Delta R.T. 0.071 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:196 Resp: 564958

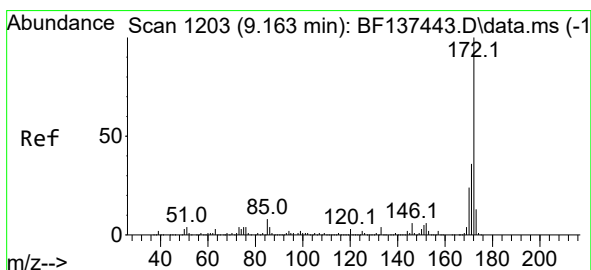
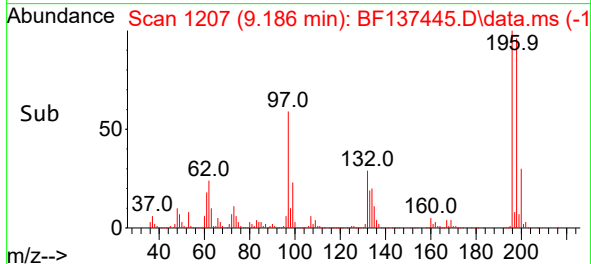
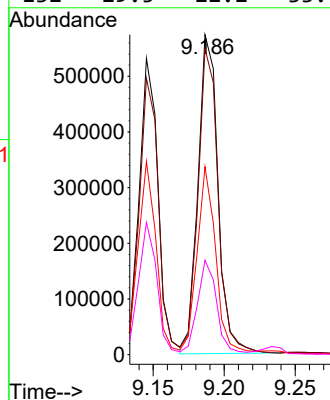
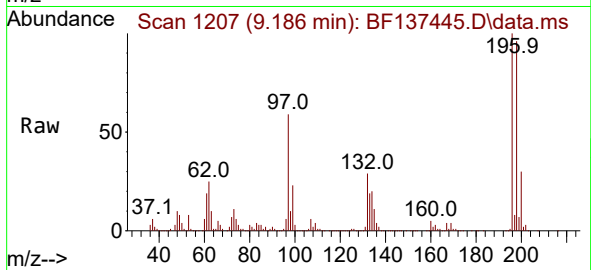
Ion Ratio Lower Upper

196 100

198 95.6 78.6 117.8

97 58.7 41.8 62.8

132 29.5 22.2 33.4



#45

2-Fluorobiphenyl

Concen: 105.394 ng

RT: 9.234 min Scan# 1215

Delta R.T. 0.071 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

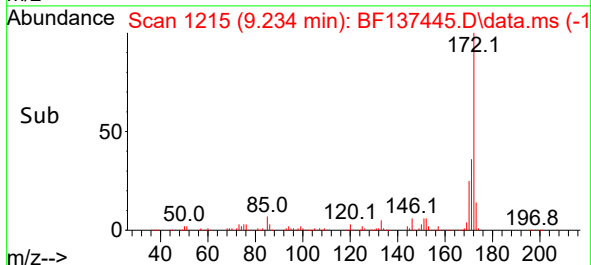
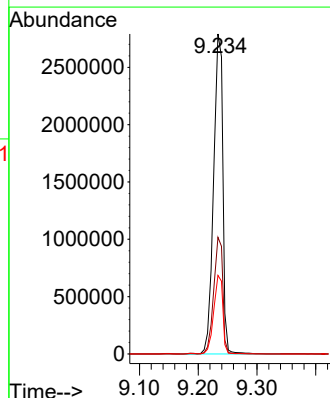
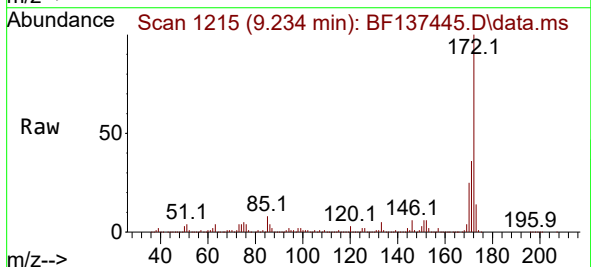
Tgt Ion:172 Resp: 3039062

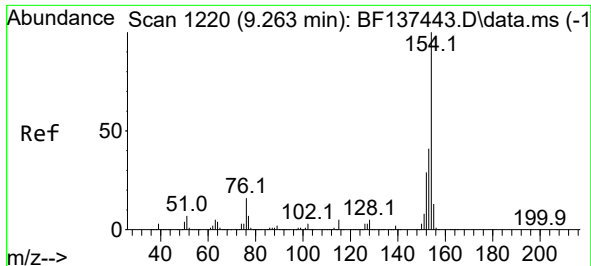
Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 24.6 19.0 28.6

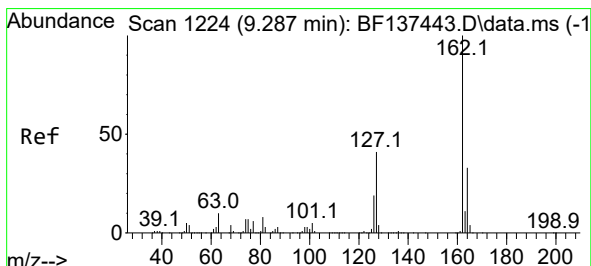
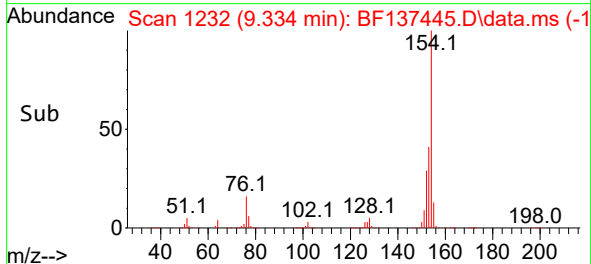
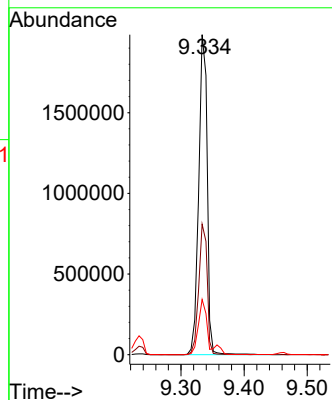
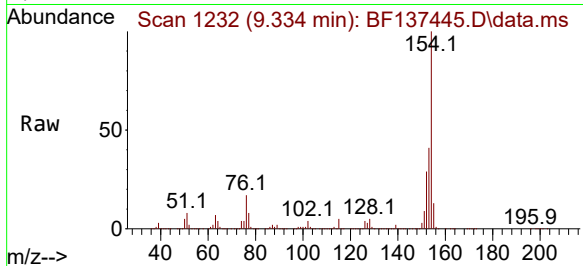




#46
1,1'-Biphenyl
Concen: 55.772 ng
RT: 9.334 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

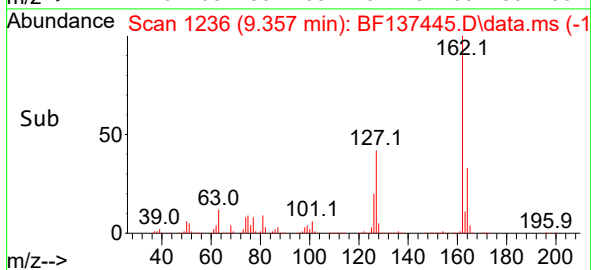
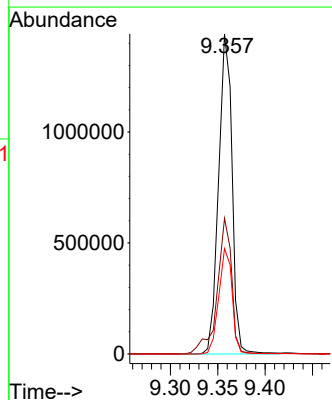
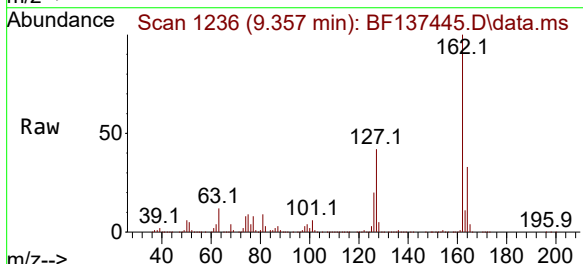
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

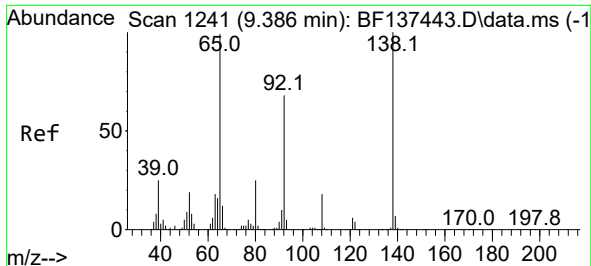
Tgt Ion:154 Resp: 1842528
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 17.3 0.0 35.8



#47
2-Chloronaphthalene
Concen: 56.589 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.071 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion:162 Resp: 1425335
Ion Ratio Lower Upper
162 100
127 42.4 32.6 49.0
164 33.0 26.5 39.7





#48

2-Nitroaniline

Concen: 65.633 ng

RT: 9.463 min Scan# 11

Delta R.T. 0.076 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

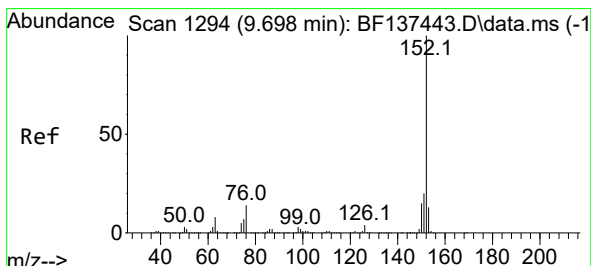
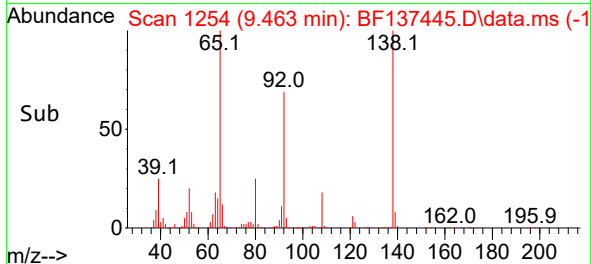
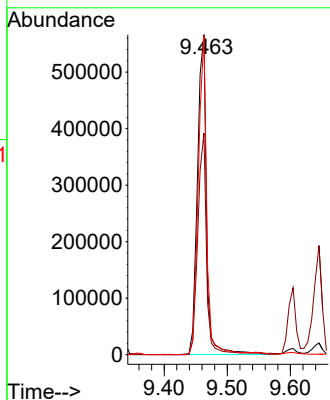
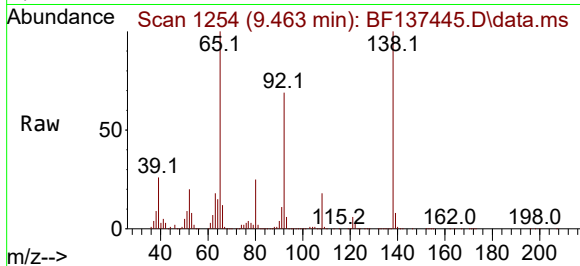
Tgt Ion: 65 Resp: 561891

Ion Ratio Lower Upper

65 100

92 69.3 55.4 83.2

138 99.7 81.0 121.6



#49

Acenaphthylene

Concen: 55.102 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.076 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

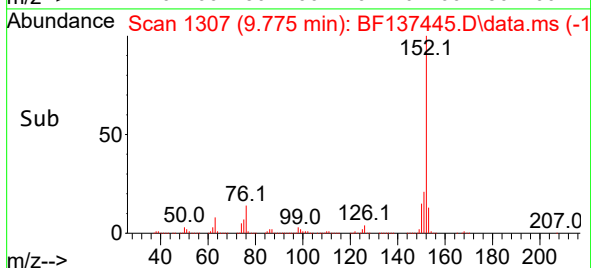
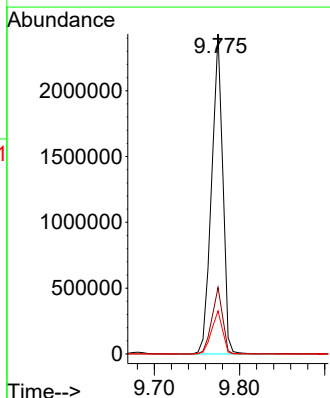
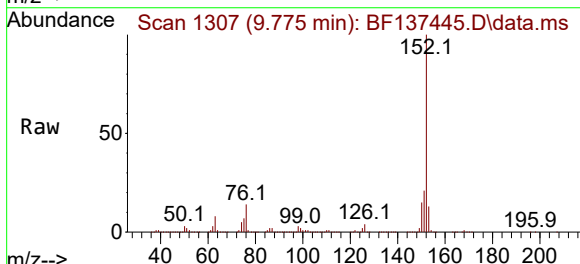
Tgt Ion:152 Resp: 2221079

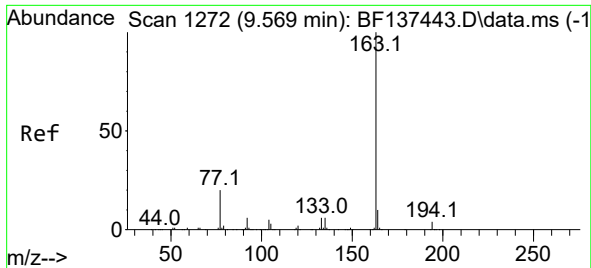
Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

153 13.5 10.8 16.2

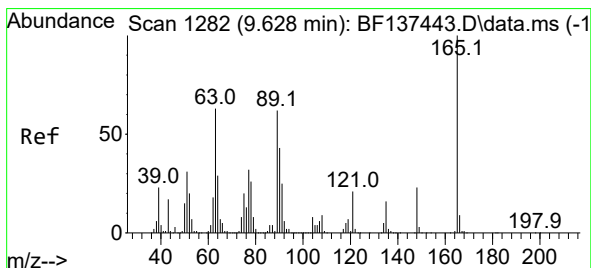
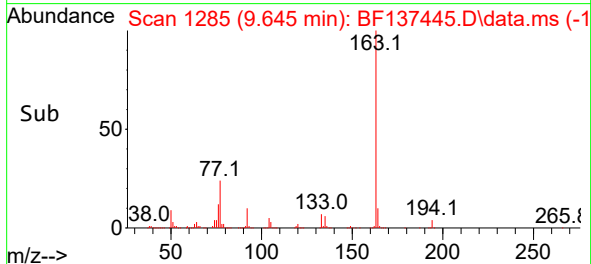
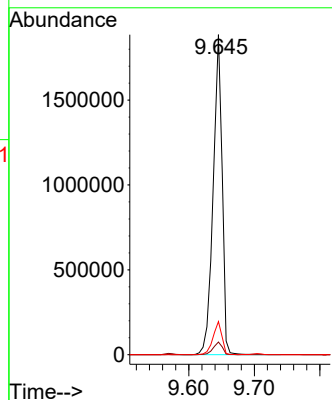
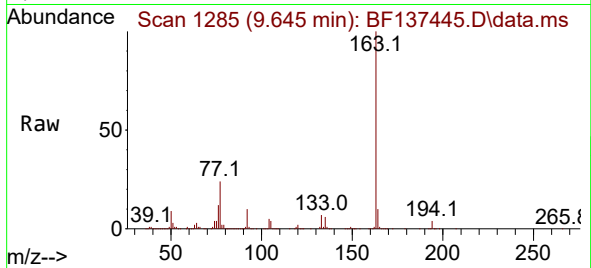




#50
Dimethylphthalate
Concen: 57.225 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

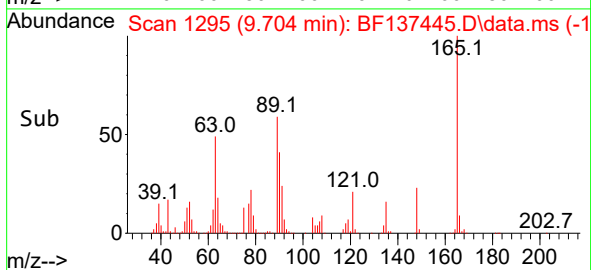
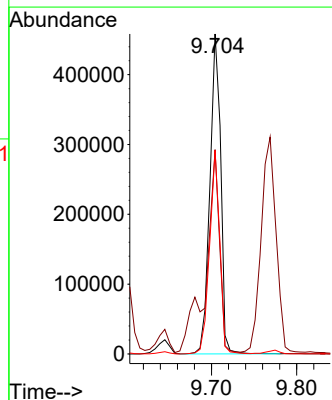
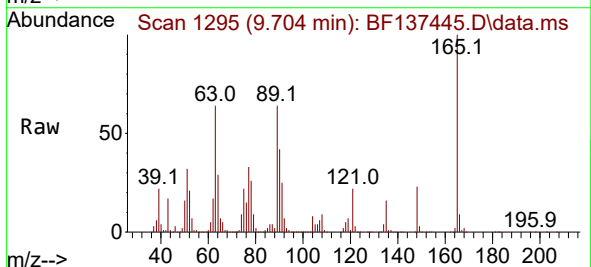
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

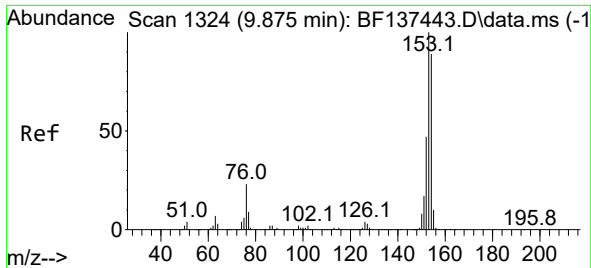
Tgt Ion:163 Resp: 1798069
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 61.359 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion:165 Resp: 403249
Ion Ratio Lower Upper
165 100
63 63.9 50.7 76.1
89 63.7 50.0 75.0

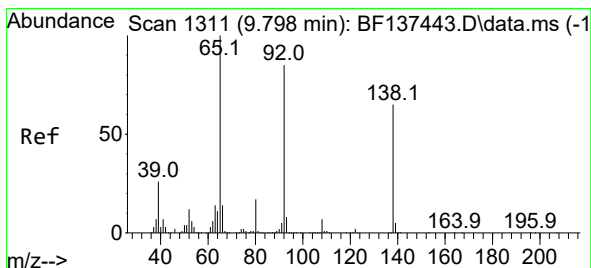
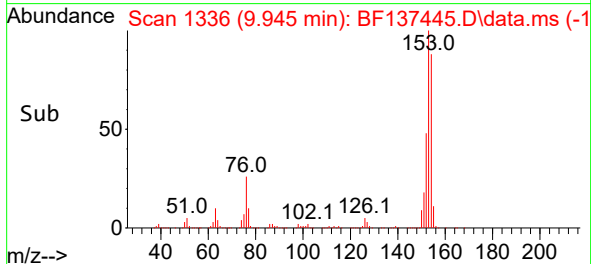
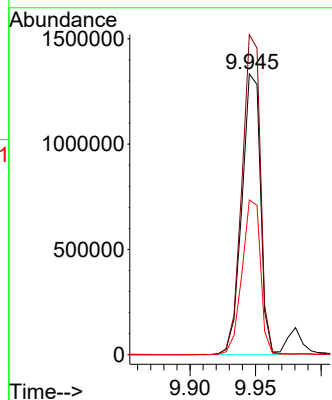
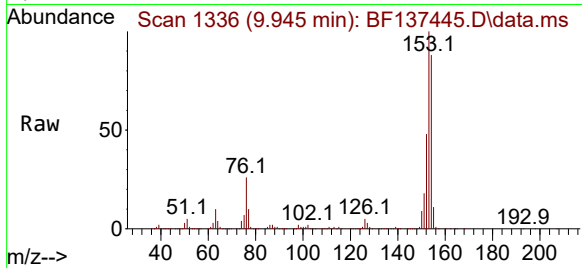




#52
Acenaphthene
Concen: 54.876 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.071 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

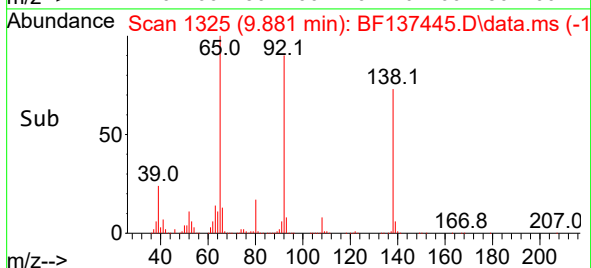
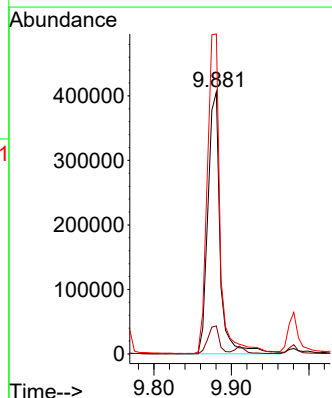
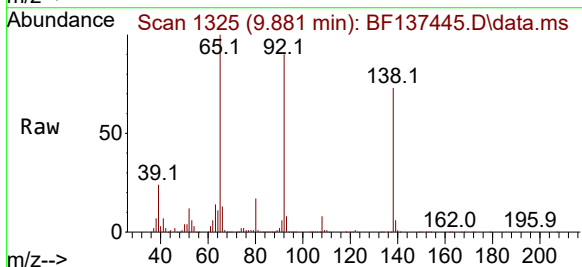
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

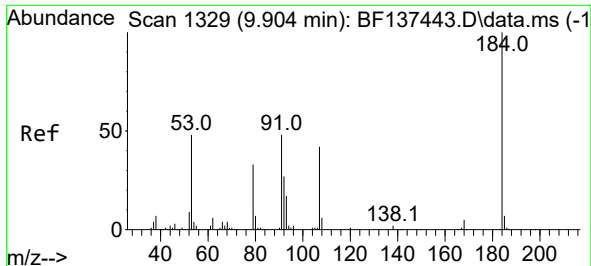
Tgt Ion:154 Resp: 1320580
Ion Ratio Lower Upper
154 100
153 114.0 90.3 135.5
152 55.1 42.7 64.1



#53
3-Nitroaniline
Concen: 63.846 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.082 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion:138 Resp: 443820
Ion Ratio Lower Upper
138 100
108 10.7 9.1 13.7
92 122.2 104.6 157.0

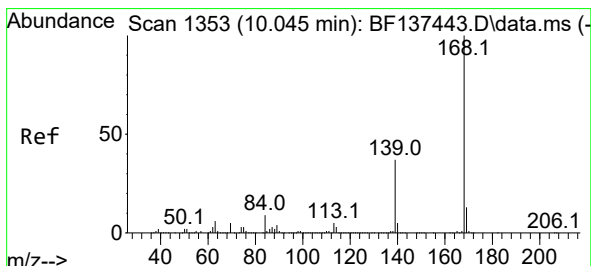
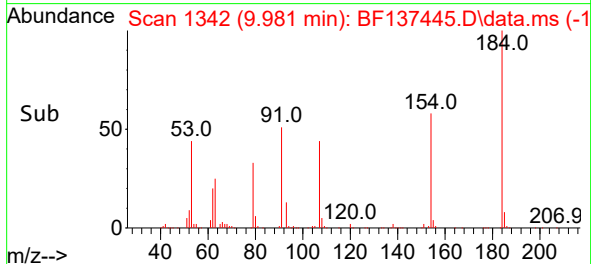
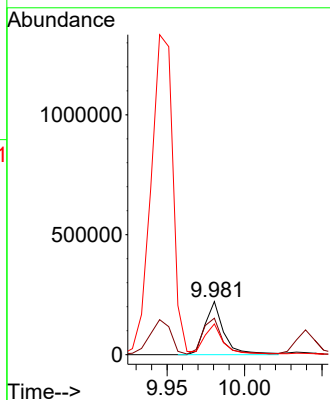
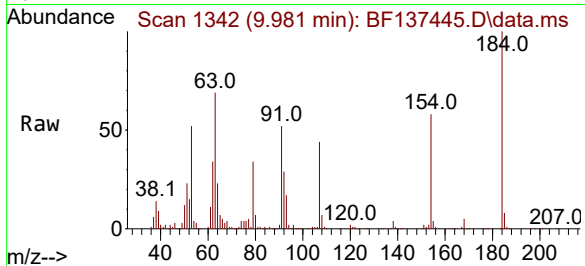




#54
2,4-Dinitrophenol
Concen: 75.014 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

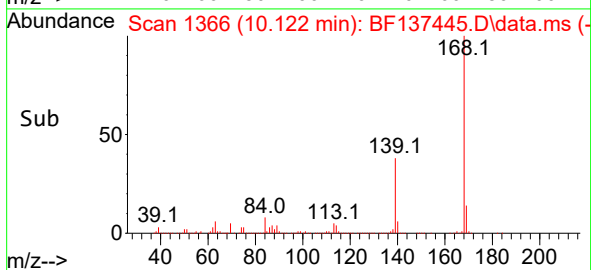
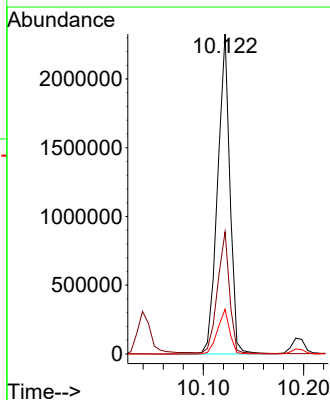
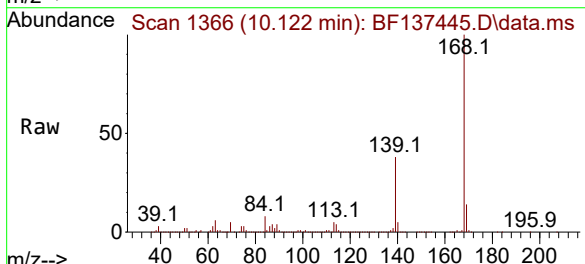
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

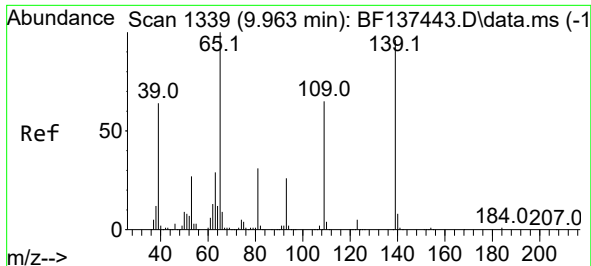
Tgt Ion:184 Resp: 187964
Ion Ratio Lower Upper
184 100
63 68.8 53.3 79.9
154 57.9 47.4 71.0



#55
Dibenzofuran
Concen: 53.970 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion:168 Resp: 1978118
Ion Ratio Lower Upper
168 100
139 38.2 29.8 44.6
169 13.9 10.8 16.2

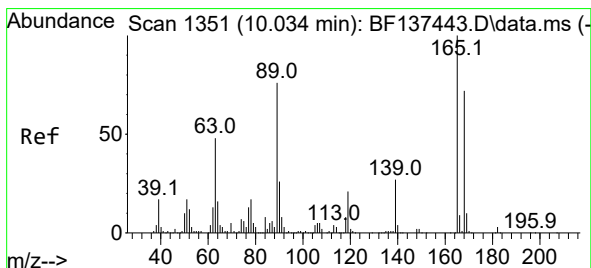
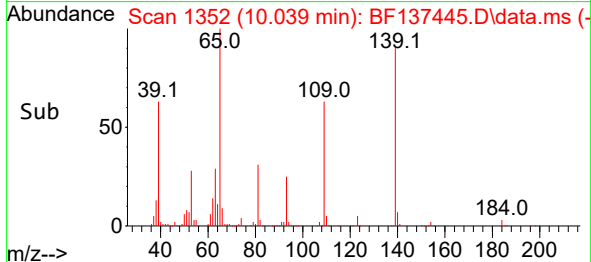
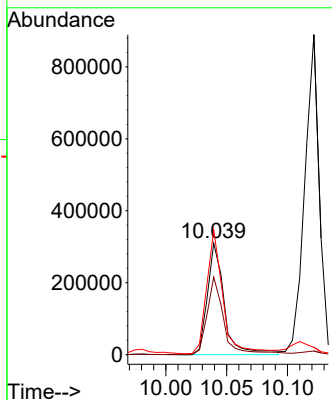
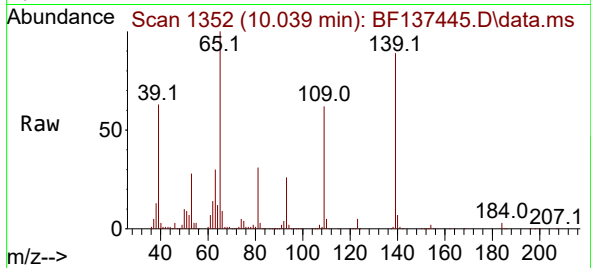




#56
4-Nitrophenol
Concen: 69.848 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

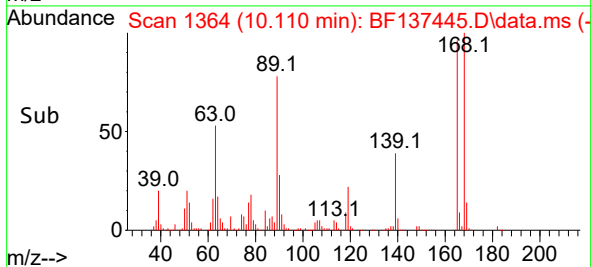
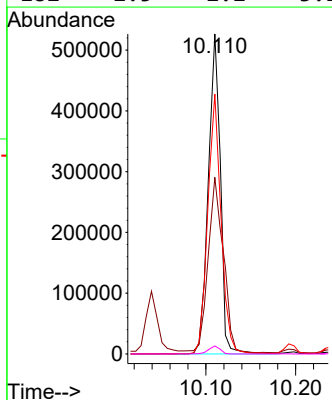
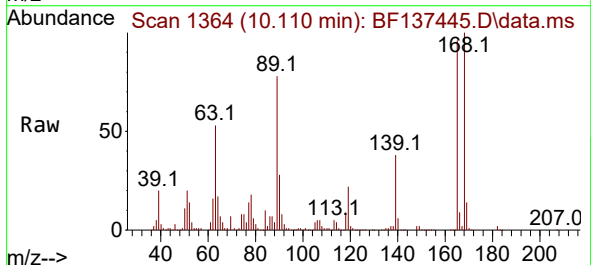
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

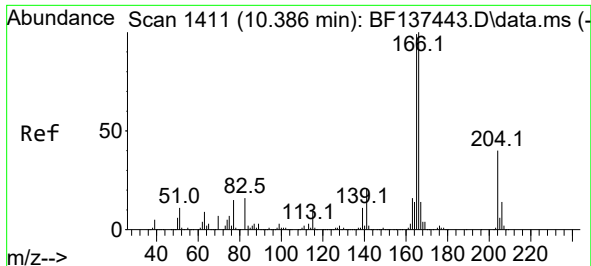
Tgt Ion:139 Resp: 299926
Ion Ratio Lower Upper
139 100
109 69.7 47.1 87.1
65 111.9 85.1 125.1



#57
2,4-Dinitrotoluene
Concen: 60.945 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion:165 Resp: 492079
Ion Ratio Lower Upper
165 100
63 55.2 39.0 58.6
89 81.2 60.9 91.3
182 2.5 2.2 3.2

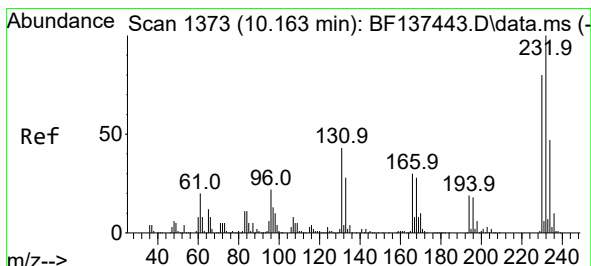
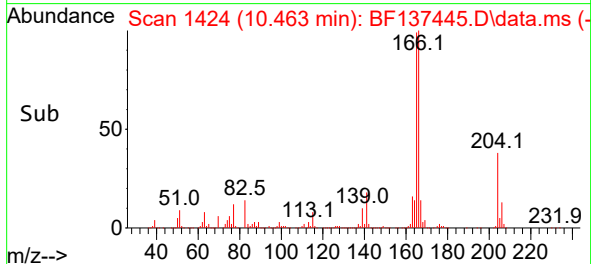
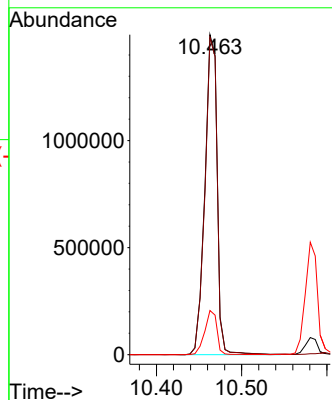
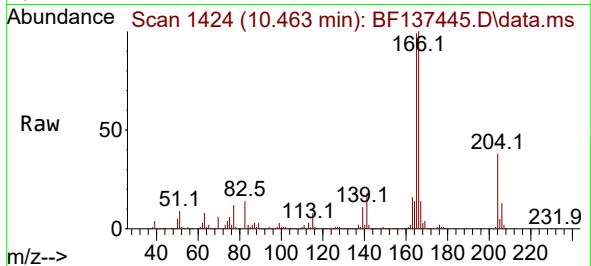




#58
Fluorene
Concen: 53.056 ng
RT: 10.463 min Scan# 1411
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

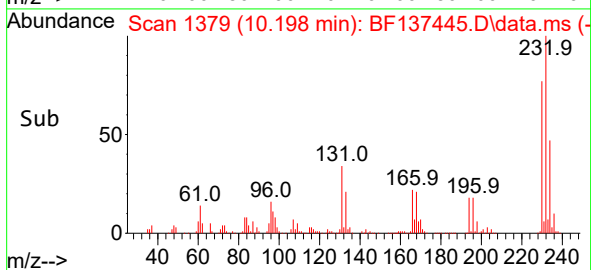
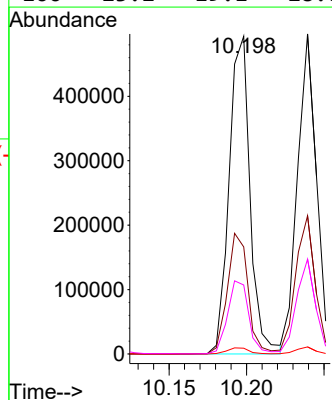
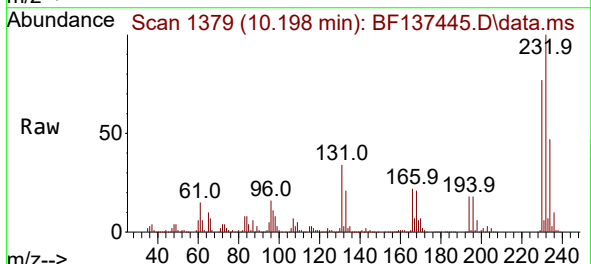
Instrument :
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ClientSampleId :
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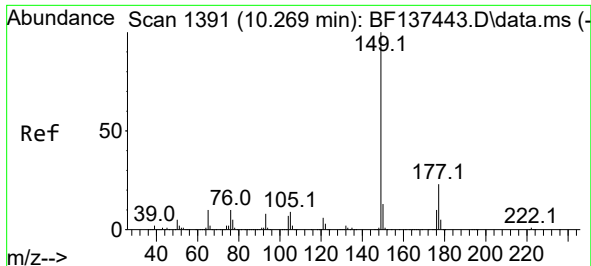
Tgt Ion:166 Resp: 1493439
Ion Ratio Lower Upper
166 100
165 99.1 79.2 118.8
167 13.8 11.0 16.6



#59
2,3,4,6-Tetrachlorophenol
Concen: 60.742 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.035 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion:232 Resp: 463997
Ion Ratio Lower Upper
232 100
131 37.4 31.2 46.8
130 2.0 1.8 2.6
166 23.2 19.1 28.7

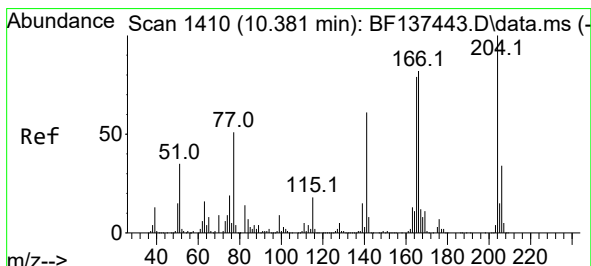
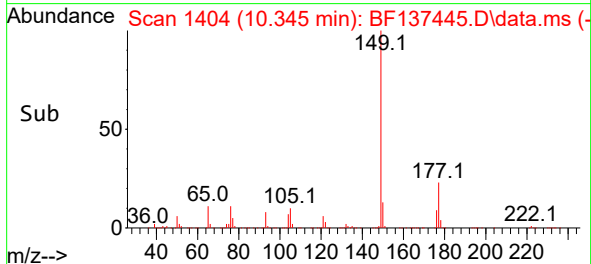
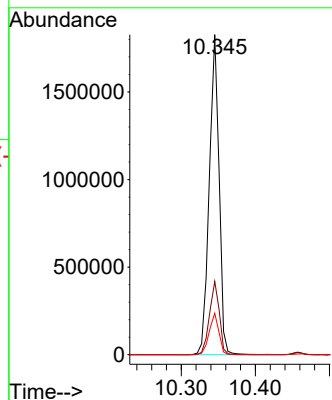
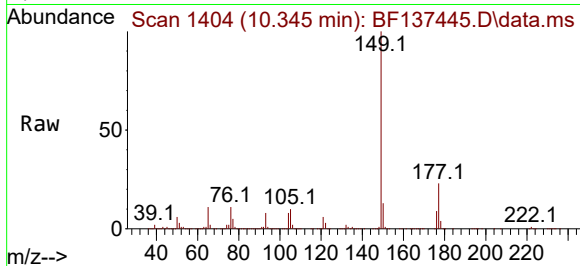




#60
Diethylphthalate
Concen: 56.695 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

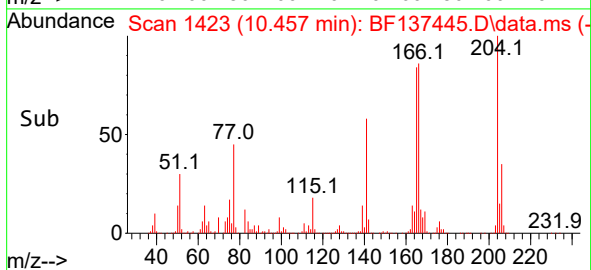
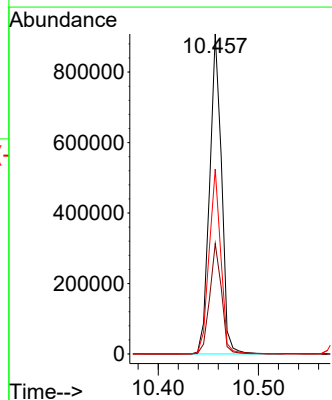
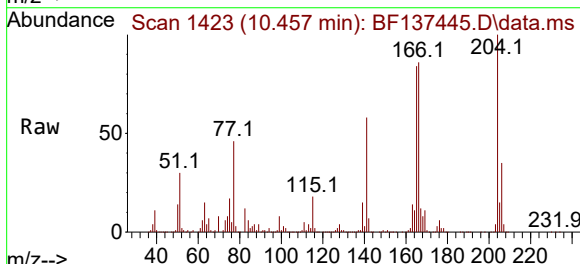
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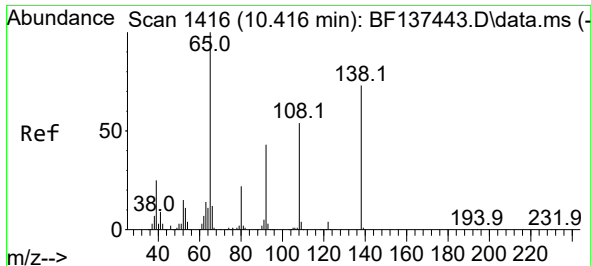
Tgt Ion:149 Resp: 1682228
Ion Ratio Lower Upper
149 100
177 22.9 18.7 28.1
150 13.0 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 54.645 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion:204 Resp: 753841
Ion Ratio Lower Upper
204 100
206 34.5 27.4 41.0
141 57.8 48.4 72.6

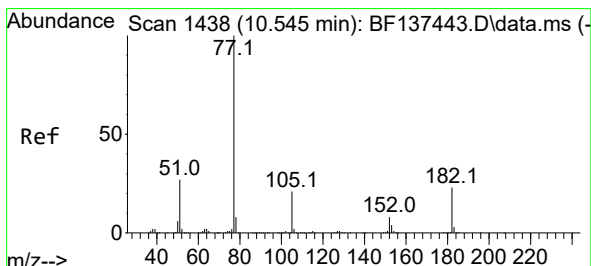
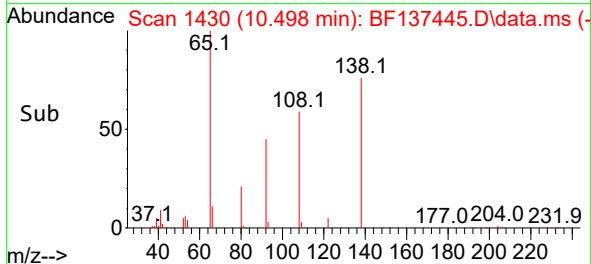
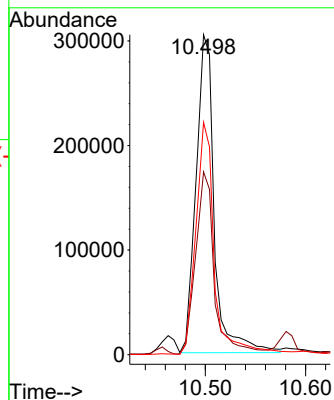
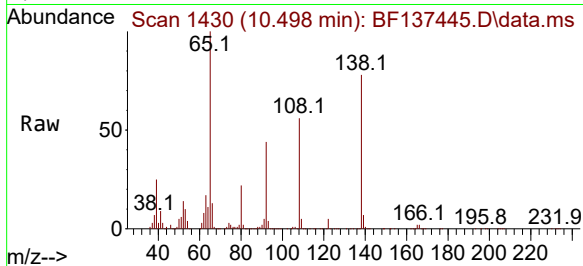




#62
4-Nitroaniline
Concen: 67.280 ng
RT: 10.498 min Scan# 1416
Delta R.T. 0.082 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

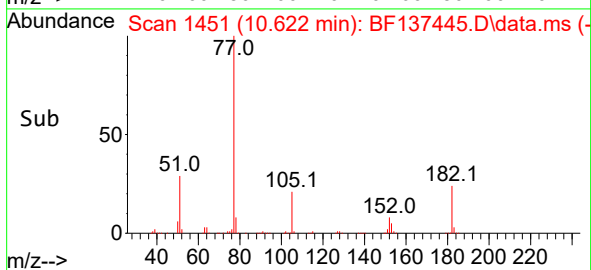
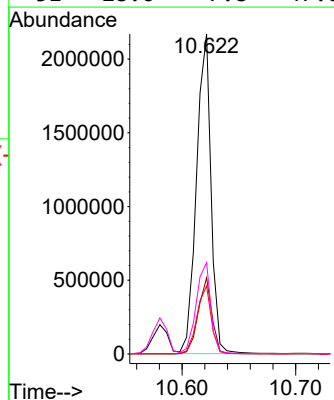
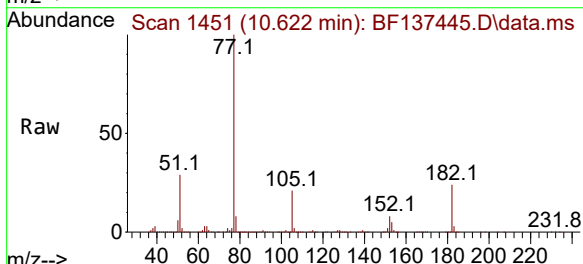
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BNA_F
ClientSampleId :
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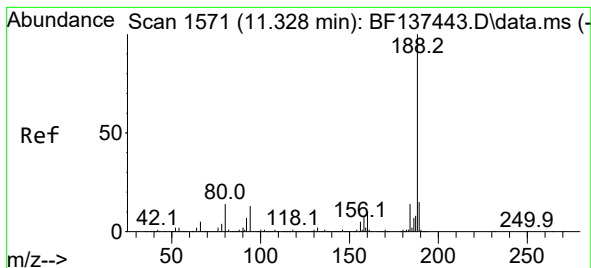
Tgt Ion:138 Resp: 386330
Ion Ratio Lower Upper
138 100
92 57.2 37.9 77.9
108 72.6 53.2 93.2



#63
Azobenzene
Concen: 56.419 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion: 77 Resp: 1927623
Ion Ratio Lower Upper
77 100
182 23.8 3.2 43.2
105 21.3 1.2 41.2
51 28.6 7.8 47.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. 0.076 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

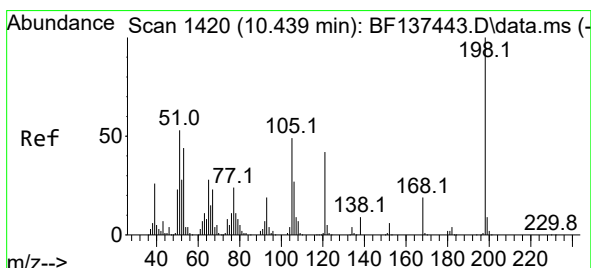
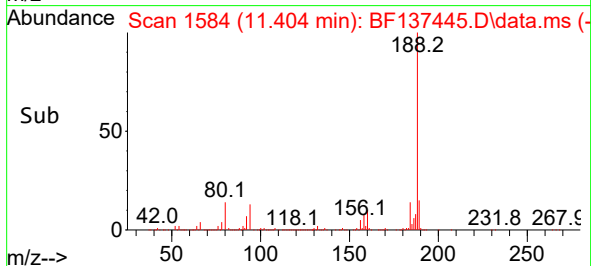
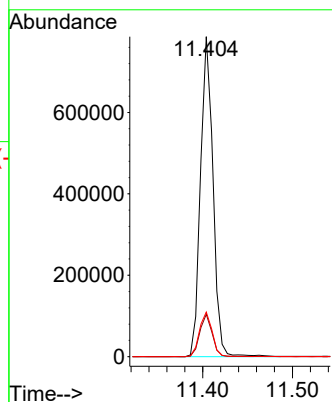
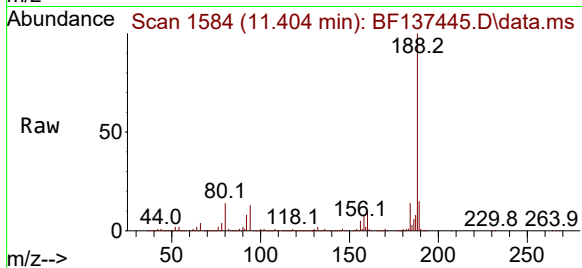
Tgt Ion:188 Resp: 760756

Ion Ratio Lower Upper

188 100

94 13.3 10.6 15.8

80 14.0 11.5 17.3



#65

4,6-Dinitro-2-methylphenol

Concen: 66.304 ng

RT: 10.522 min Scan# 1434

Delta R.T. 0.082 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

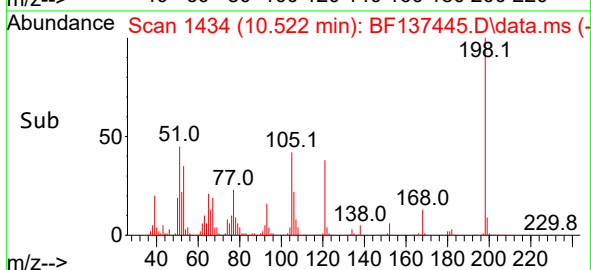
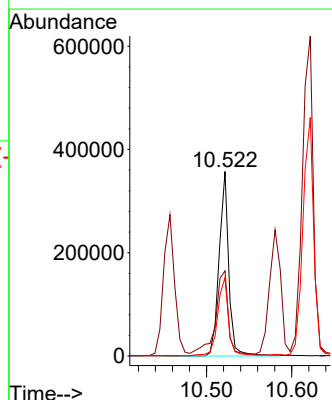
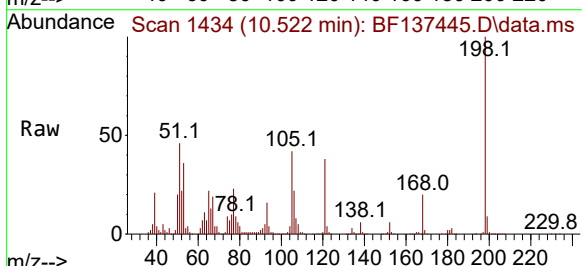
Tgt Ion:198 Resp: 281131

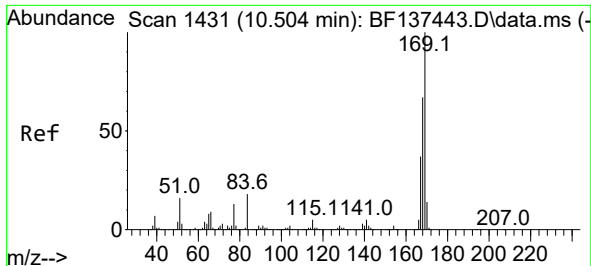
Ion Ratio Lower Upper

198 100

51 46.1 37.2 77.2

105 42.4 29.2 69.2

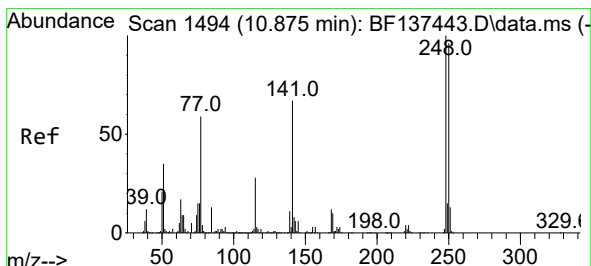
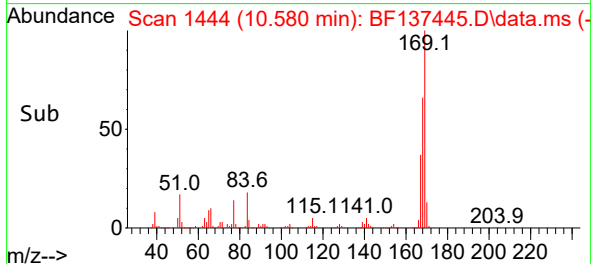
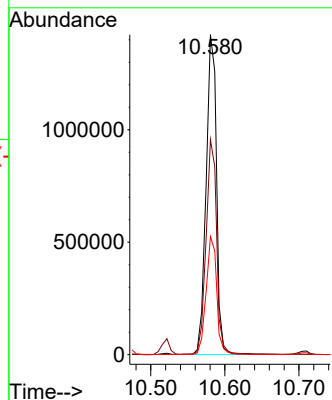
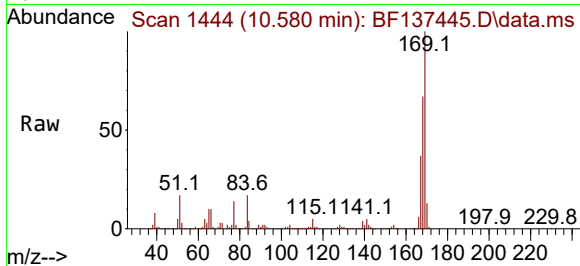




#66
n-Nitrosodiphenylamine
Concen: 56.980 ng
RT: 10.580 min Scan# 1431
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

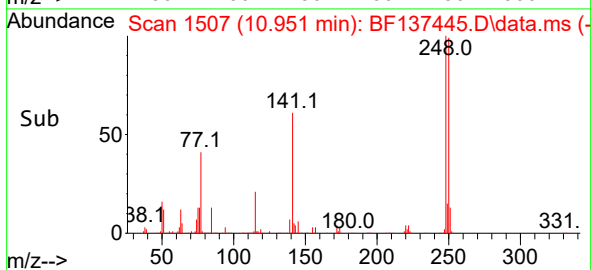
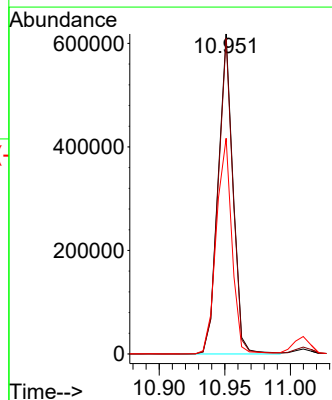
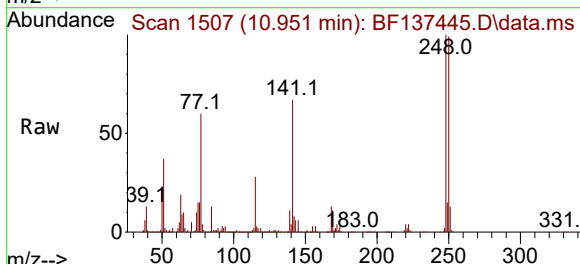
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

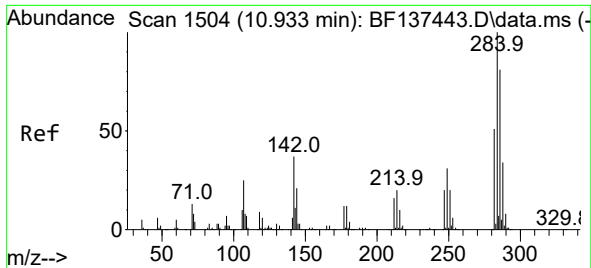
Tgt Ion:169 Resp: 1395867
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.6
167 36.9 29.6 44.4



#67
4-Bromophenyl-phenylether
Concen: 58.778 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion:248 Resp: 487036
Ion Ratio Lower Upper
248 100
250 98.7 76.8 115.2
141 67.4 53.4 80.0

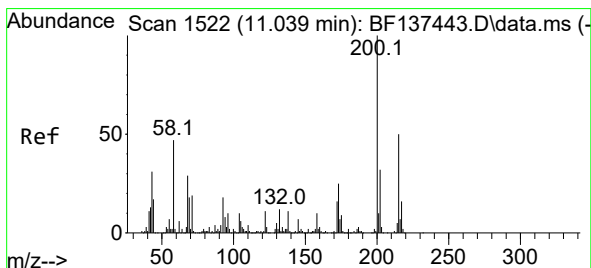
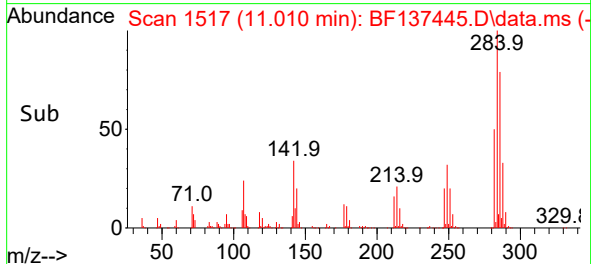
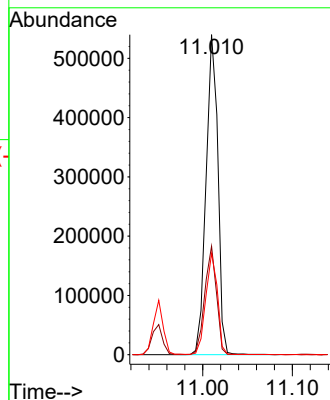
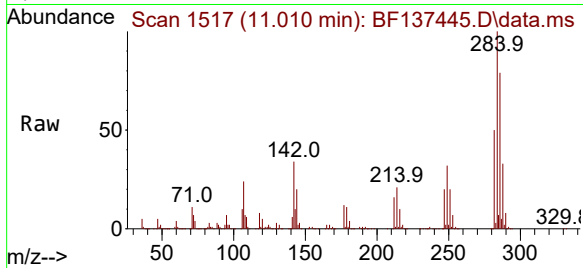




#68
Hexachlorobenzene
Concen: 59.021 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

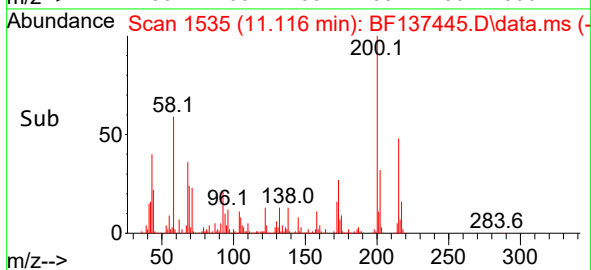
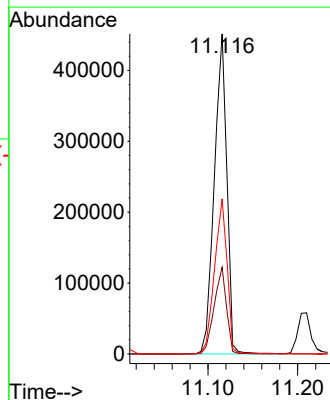
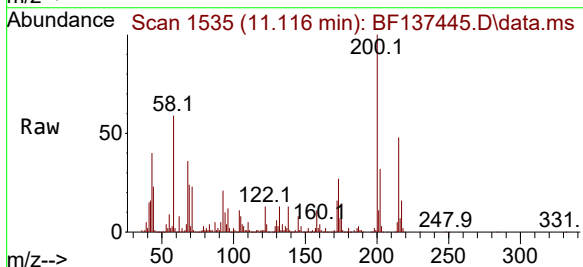
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

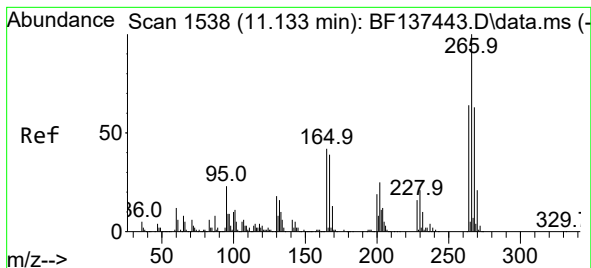
Tgt Ion:284 Resp: 493947
Ion Ratio Lower Upper
284 100
142 33.9 29.4 44.0
249 31.6 25.0 37.4



#69
Atrazine
Concen: 58.759 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.076 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion:200 Resp: 437583
Ion Ratio Lower Upper
200 100
173 27.1 5.1 45.1
215 48.4 30.4 70.4





#70

Pentachlorophenol

Concen: 64.036 ng

RT: 11.210 min Scan# 1551

Delta R.T. 0.076 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

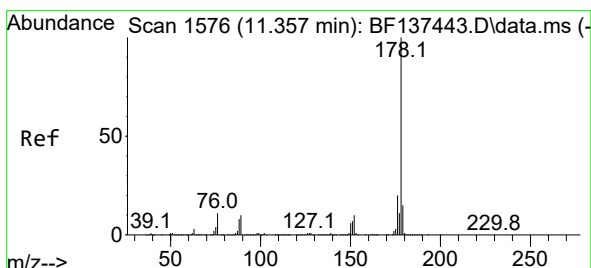
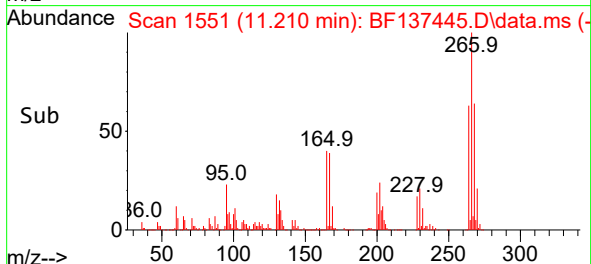
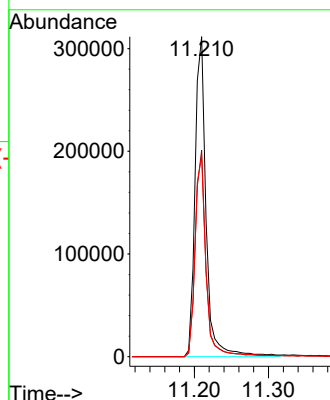
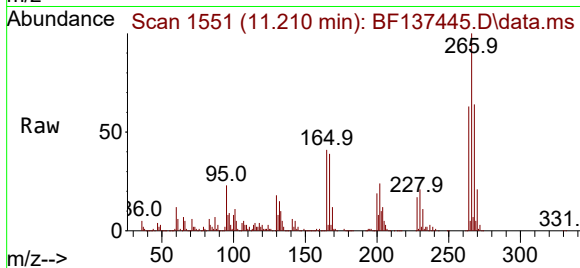
Tgt Ion:266 Resp: 323970

Ion Ratio Lower Upper

266 100

268 64.4 50.2 75.2

264 62.6 50.9 76.3



#71

Phenanthrene

Concen: 54.725 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.076 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

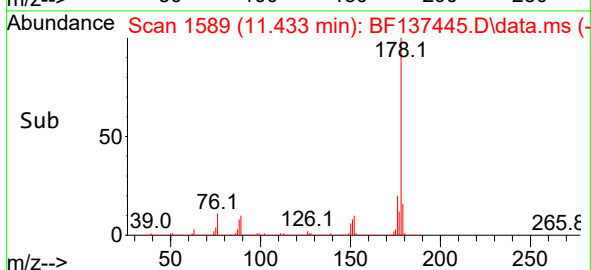
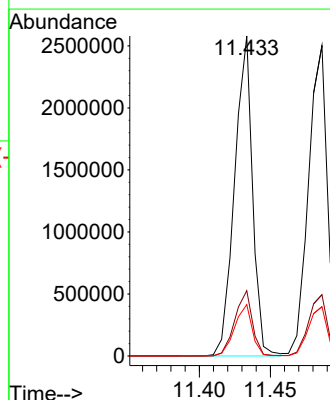
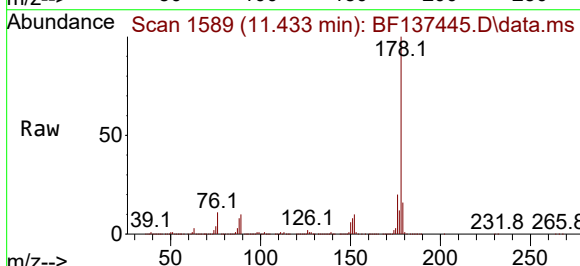
Tgt Ion:178 Resp: 2265706

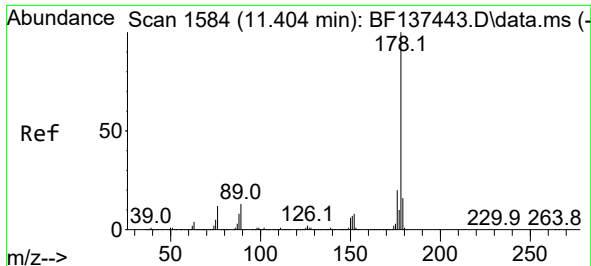
Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

179 16.1 12.2 18.2

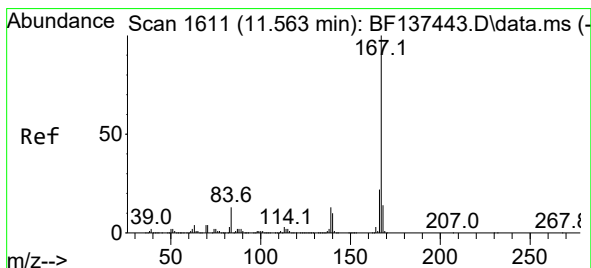
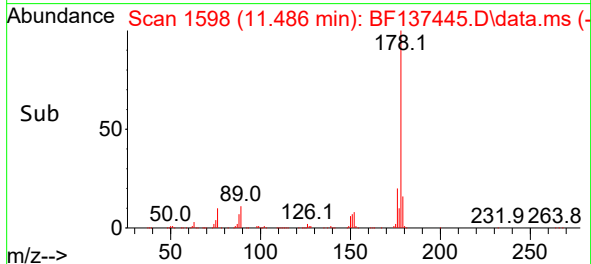
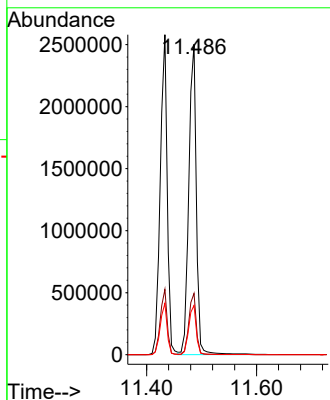
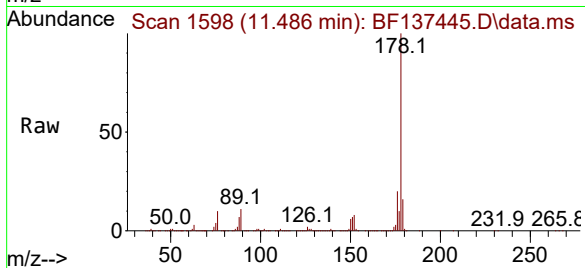




#72
 Anthracene
 Concen: 55.973 ng
 RT: 11.486 min Scan# 11
 Delta R.T. 0.082 min
 Lab File: BF137445.D
 Acq: 29 Feb 2024 16:43

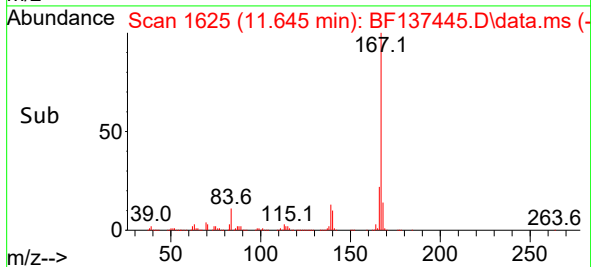
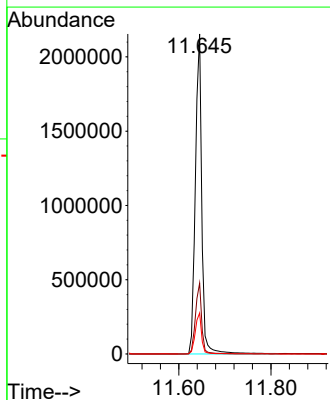
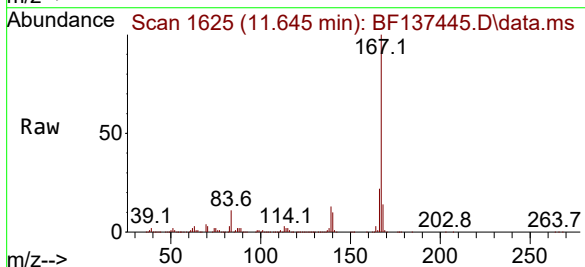
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

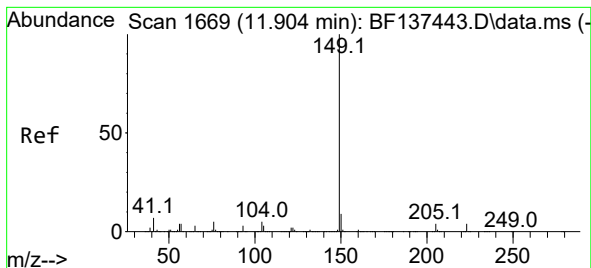
Tgt Ion:178 Resp: 2380067
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 15.9 12.7 19.1



#73
 Carbazole
 Concen: 56.971 ng
 RT: 11.645 min Scan# 1625
 Delta R.T. 0.082 min
 Lab File: BF137445.D
 Acq: 29 Feb 2024 16:43

Tgt Ion:167 Resp: 2075063
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 12.8 10.5 15.7





#74

Di-n-butylphthalate

Concen: 56.414 ng

RT: 11.980 min Scan# 1

Delta R.T. 0.076 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

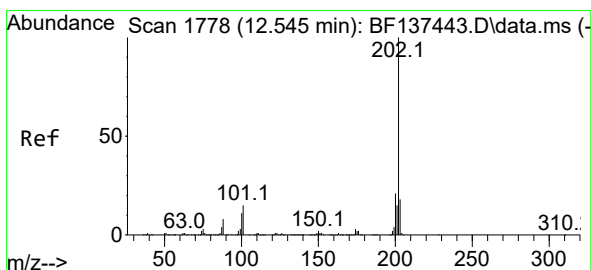
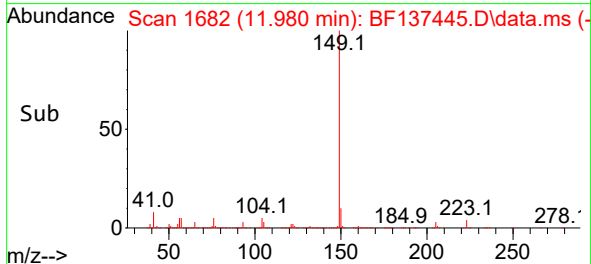
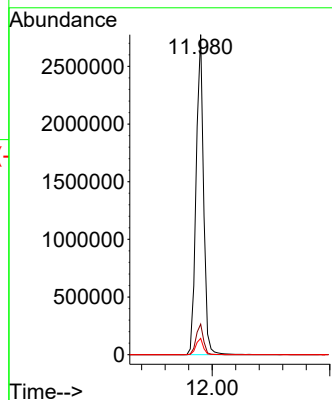
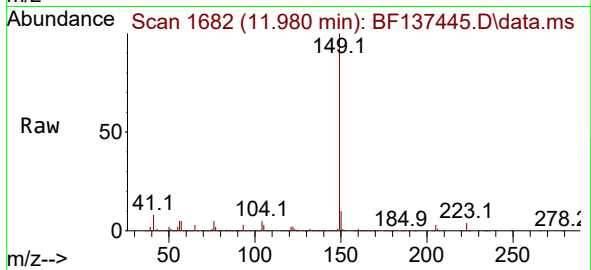
Tgt Ion:149 Resp: 2444728

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 5.1 3.8 5.6



#75

Fluoranthene

Concen: 54.642 ng

RT: 12.627 min Scan# 1792

Delta R.T. 0.082 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

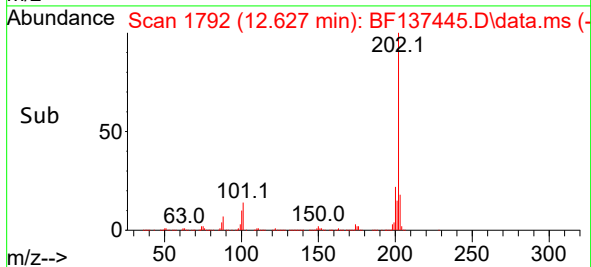
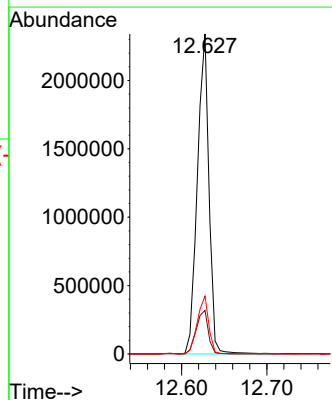
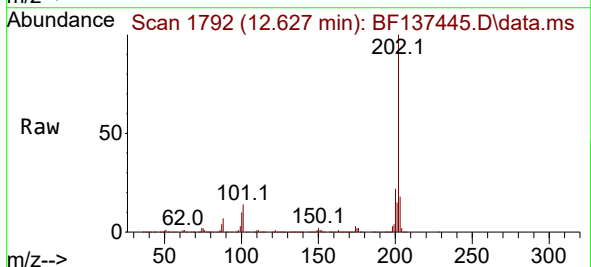
Tgt Ion:202 Resp: 2211333

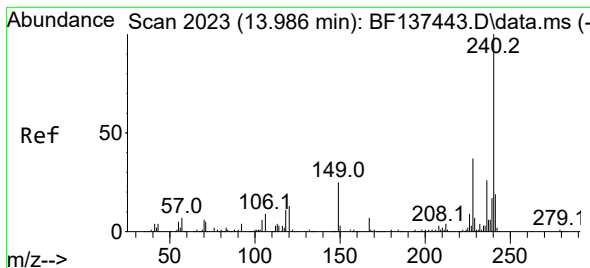
Ion Ratio Lower Upper

202 100

101 13.6 0.0 35.0

203 18.1 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: BF137445.D

Acq: 29 Feb 2024 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

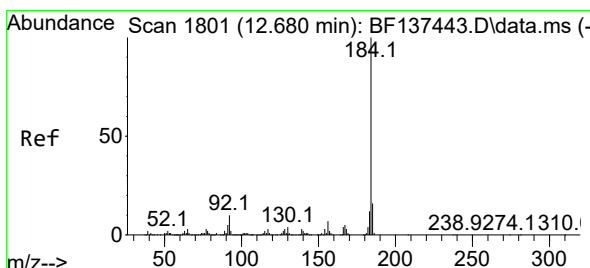
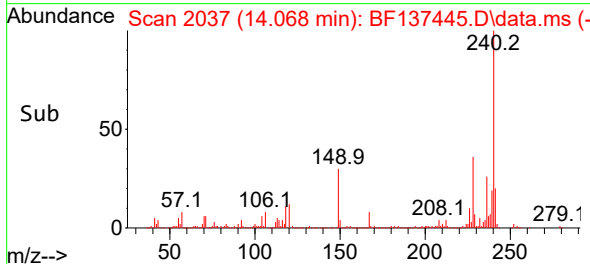
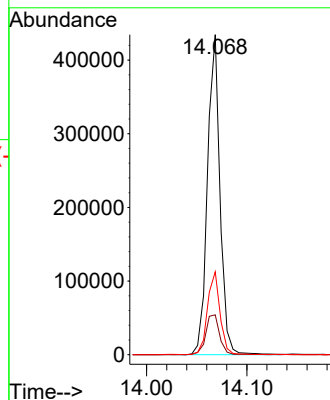
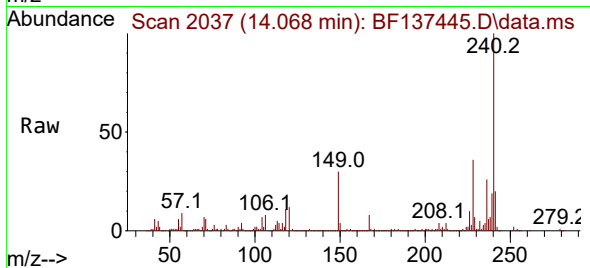
Tgt Ion:240 Resp: 377521

Ion Ratio Lower Upper

240 100

120 12.5 10.4 15.6

236 25.9 20.9 31.3



#77

Benzidine

Concen: 63.753 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.076 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

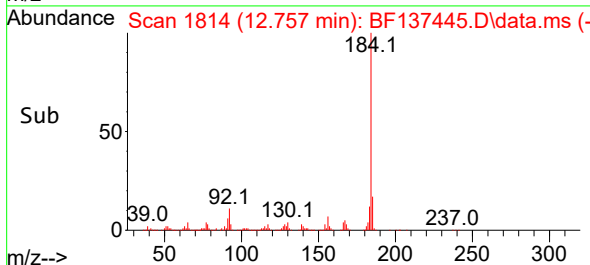
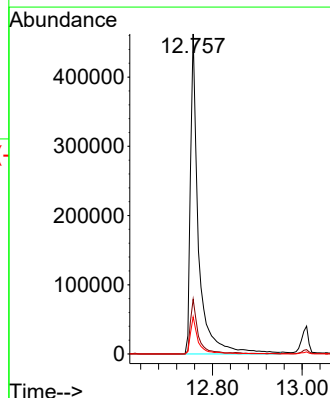
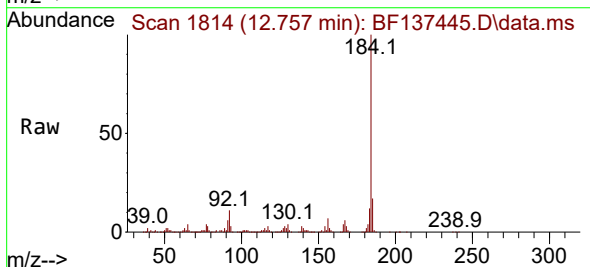
Tgt Ion:184 Resp: 582655

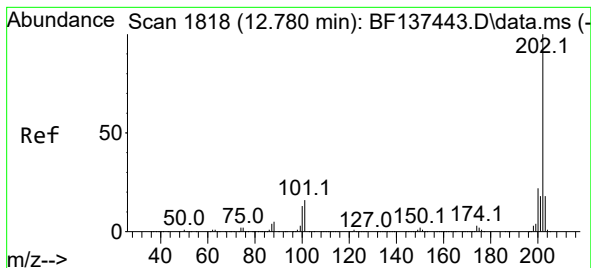
Ion Ratio Lower Upper

184 100

185 17.1 13.2 19.8

183 11.6 9.3 13.9





#78

Pyrene

Concen: 60.480 ng

RT: 12.857 min Scan# 1831

Delta R.T. 0.076 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

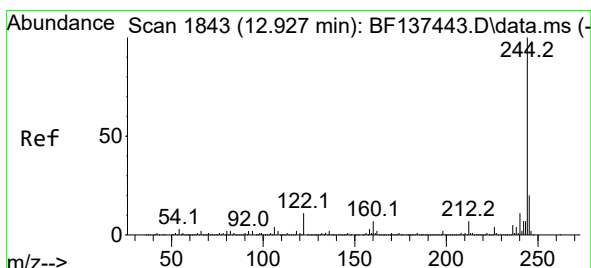
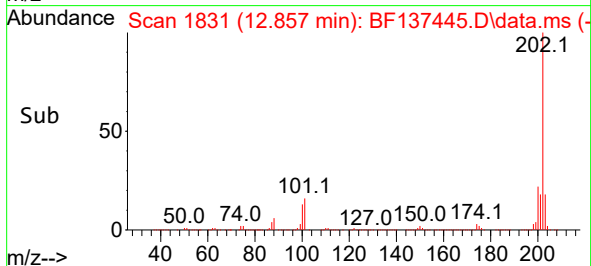
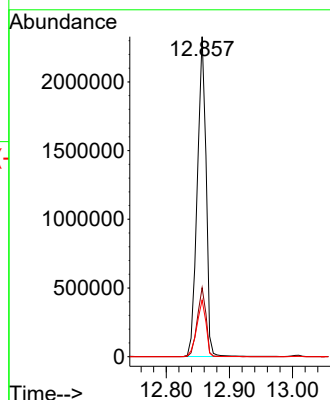
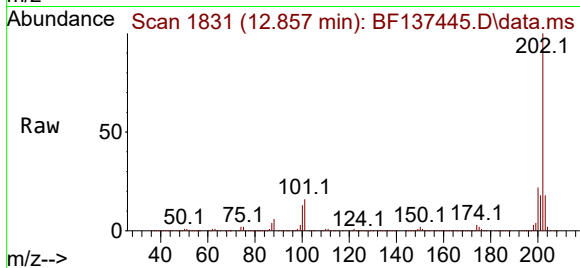
Tgt Ion:202 Resp: 2240379

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

203 17.7 14.1 21.1



#79

Terphenyl-d14

Concen: 118.624 ng

RT: 13.010 min Scan# 1857

Delta R.T. 0.082 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

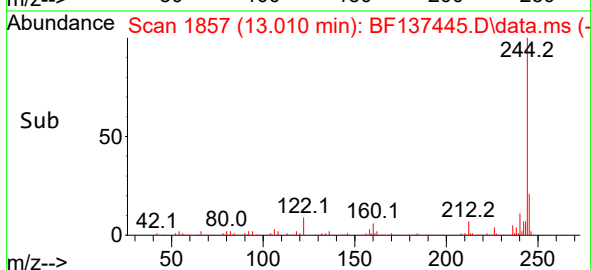
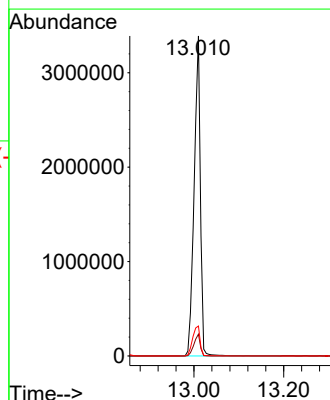
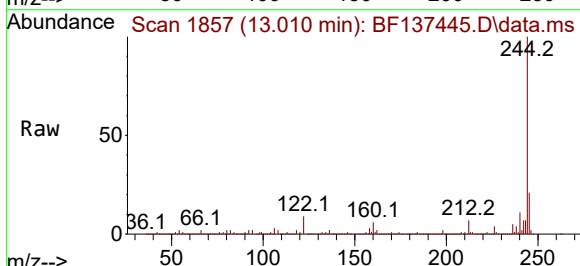
Tgt Ion:244 Resp: 3256693

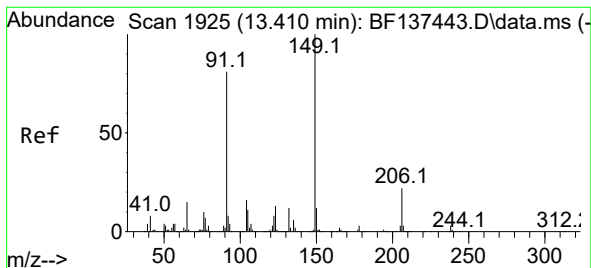
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 9.4 9.1 13.7





#80

Butylbenzylphthalate

Concen: 67.191 ng

RT: 13.492 min Scan# 1925

Delta R.T. 0.082 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

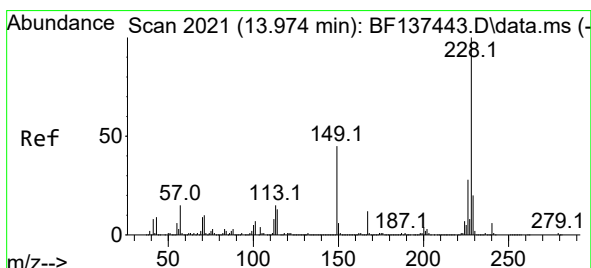
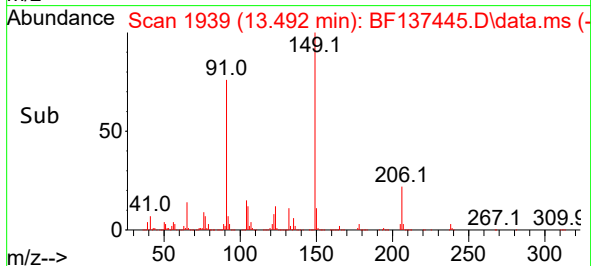
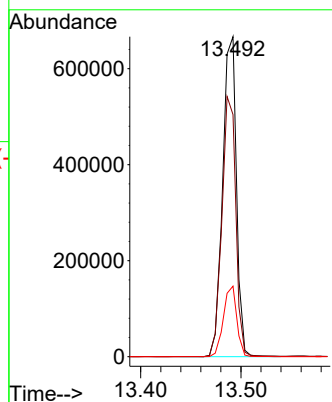
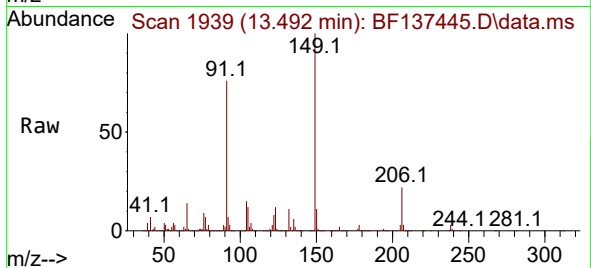
Tgt Ion:149 Resp: 635648

Ion Ratio Lower Upper

149 100

91 75.7 64.7 97.1

206 22.0 17.5 26.3



#81

Benzo(a)anthracene

Concen: 59.579 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.082 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

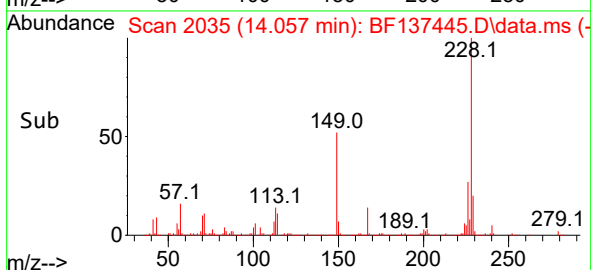
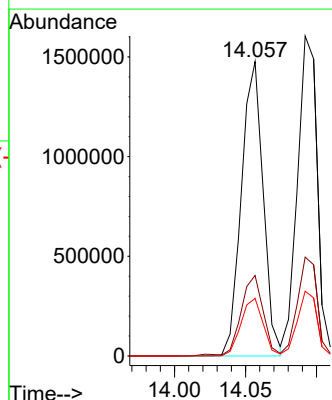
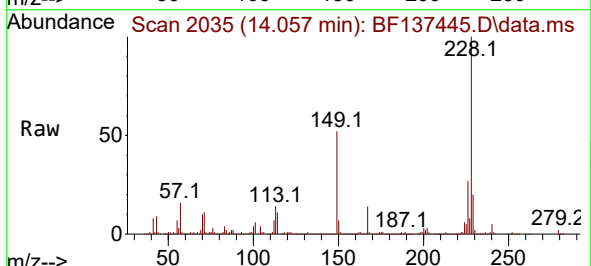
Tgt Ion:228 Resp: 1576470

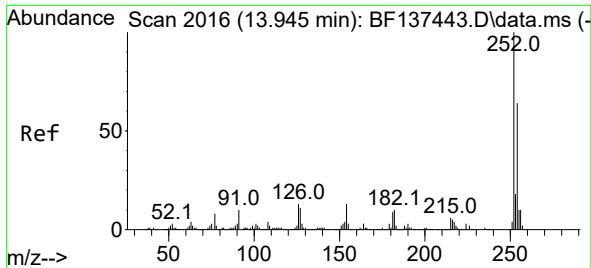
Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

229 19.6 16.3 24.5

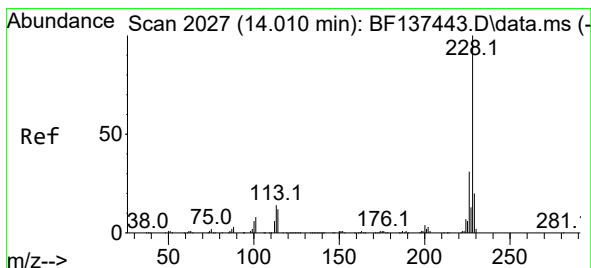
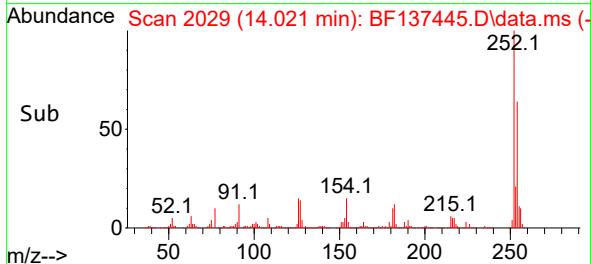
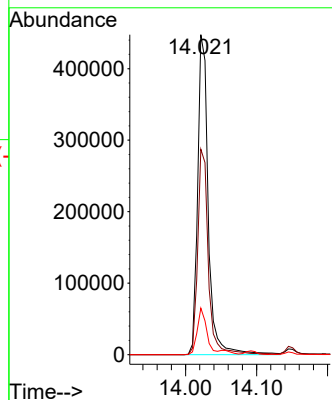
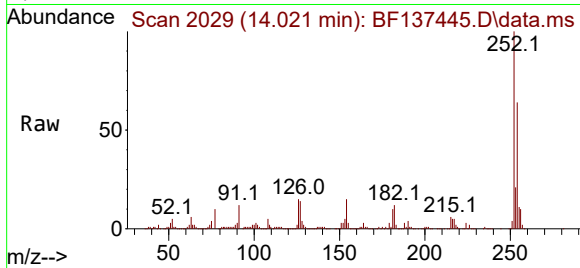




#82
 3,3'-Dichlorobenzidine
 Concen: 66.313 ng
 RT: 14.021 min Scan# 2041
 Delta R.T. 0.076 min
 Lab File: BF137445.D
 Acq: 29 Feb 2024 16:43

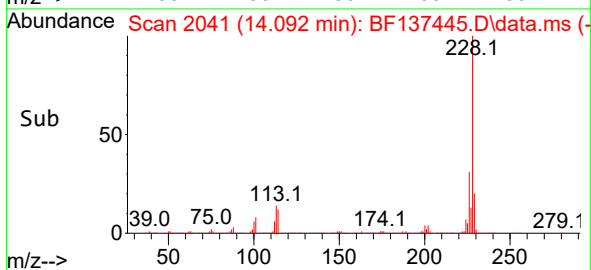
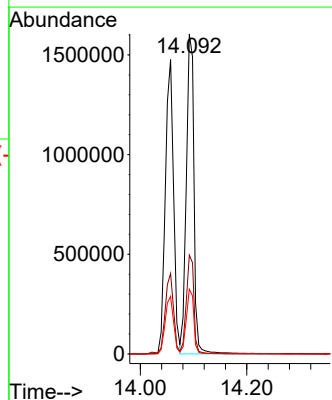
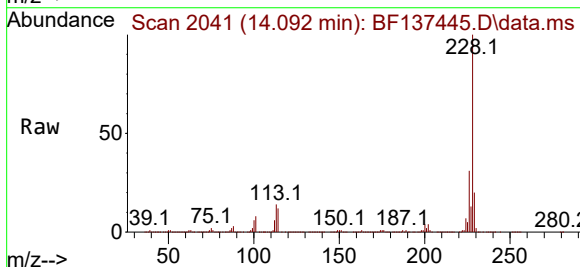
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

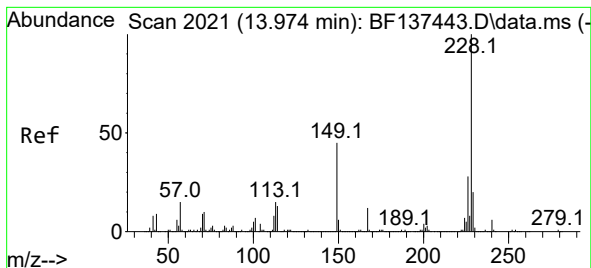
Tgt Ion:252 Resp: 467261
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.4 77.2
 126 14.6 10.4 15.6



#83
 Chrysene
 Concen: 59.412 ng
 RT: 14.092 min Scan# 2041
 Delta R.T. 0.082 min
 Lab File: BF137445.D
 Acq: 29 Feb 2024 16:43

Tgt Ion:228 Resp: 1588852
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.7 37.1
 229 20.2 15.9 23.9

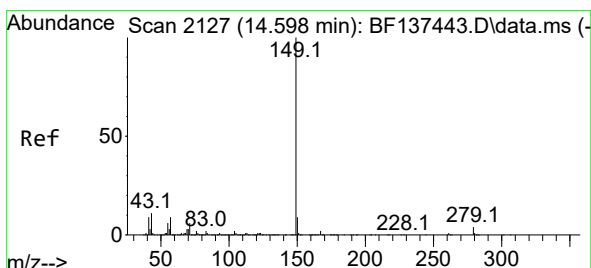
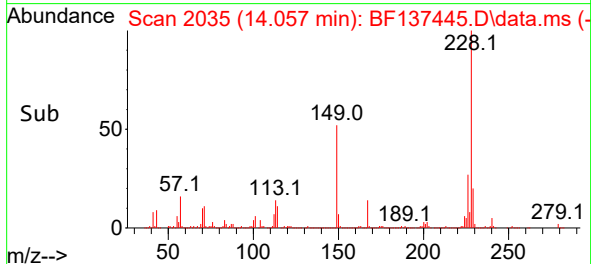
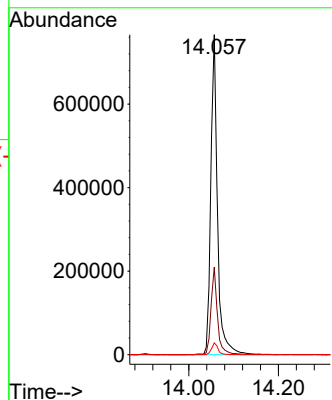
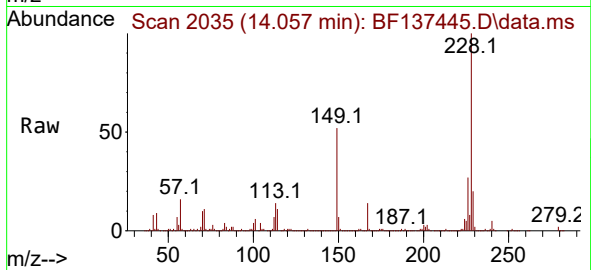




#84
Bis(2-ethylhexyl)phthalate
Concen: 65.641 ng
RT: 14.057 min Scan# 2021
Delta R.T. 0.082 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

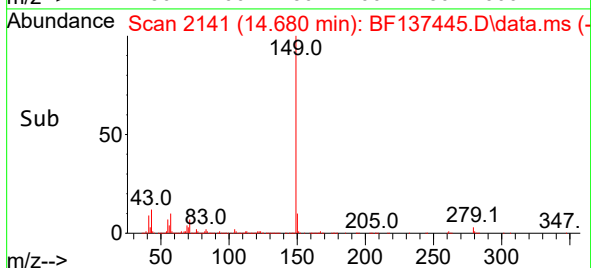
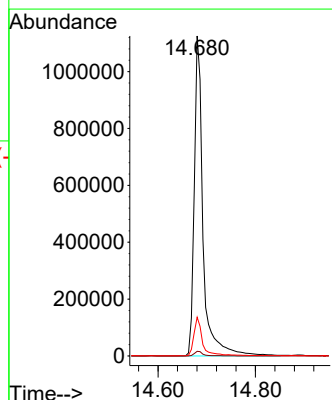
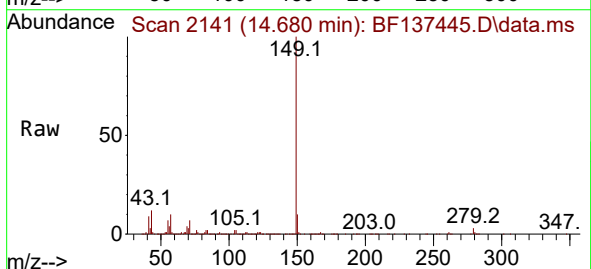
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

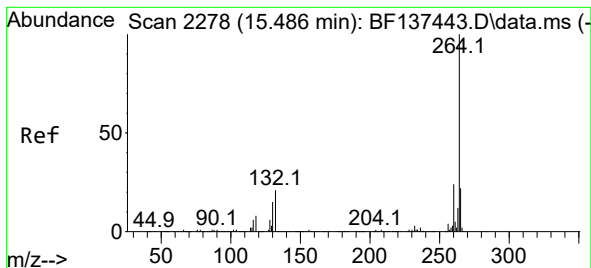
Tgt Ion:149 Resp: 789297
Ion Ratio Lower Upper
149 100
167 27.3 21.3 31.9
279 3.7 2.6 4.0



#85
Di-n-octyl phthalate
Concen: 66.676 ng
RT: 14.680 min Scan# 2141
Delta R.T. 0.082 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

Tgt Ion:149 Resp: 1410174
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.1 9.6 14.4

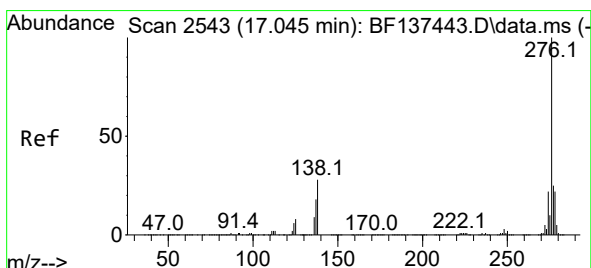
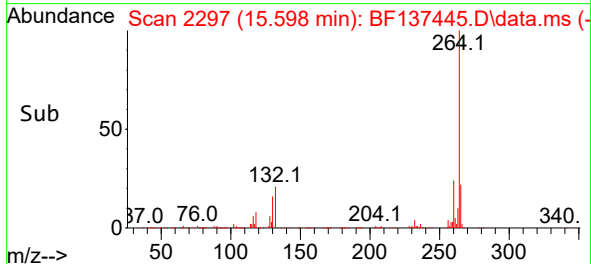
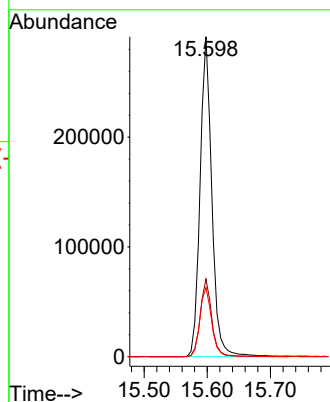
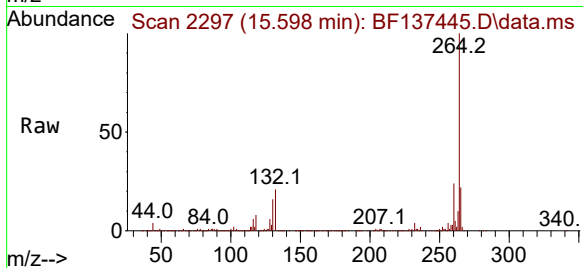




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.598 min Scan# 21
 Delta R.T. 0.112 min
 Lab File: BF137445.D
 Acq: 29 Feb 2024 16:43

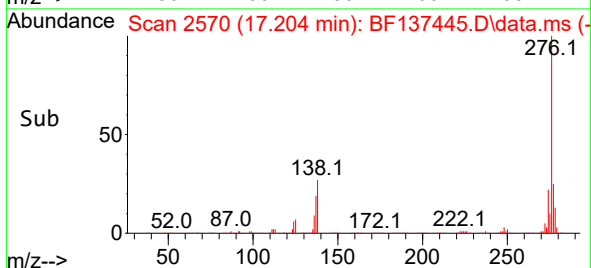
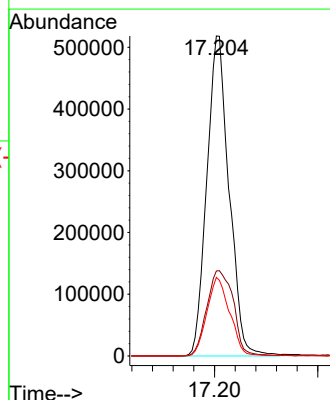
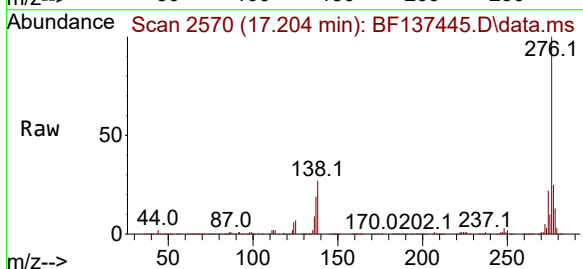
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

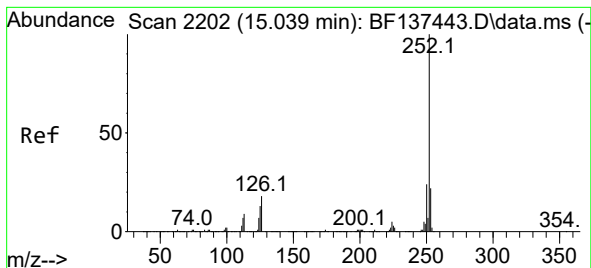
Tgt Ion:264 Resp: 376339
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 21.6 17.4 26.0



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 62.588 ng
 RT: 17.204 min Scan# 2570
 Delta R.T. 0.159 min
 Lab File: BF137445.D
 Acq: 29 Feb 2024 16:43

Tgt Ion:276 Resp: 1550025
 Ion Ratio Lower Upper
 276 100
 138 31.7 25.8 38.8
 277 25.2 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 59.758 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.106 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

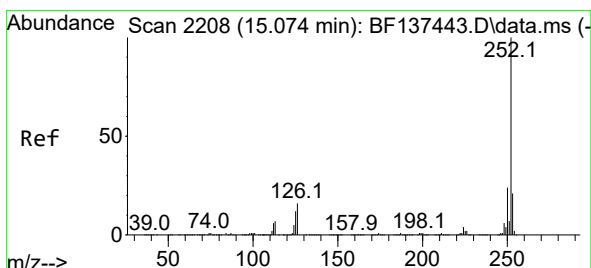
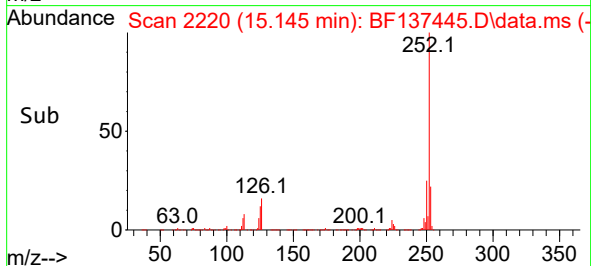
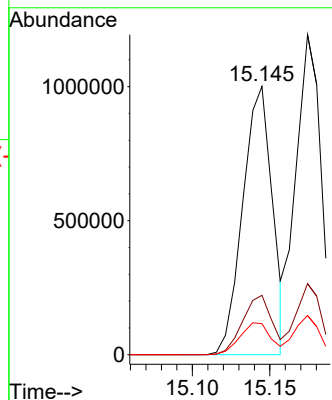
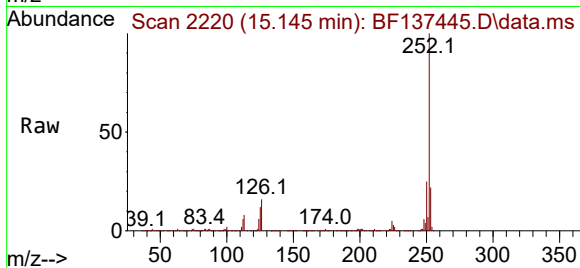
Tgt Ion:252 Resp: 1330337

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 11.6 10.1 15.1



#89

Benzo(k)fluoranthene

Concen: 58.274 ng

RT: 15.174 min Scan# 2225

Delta R.T. 0.100 min

Lab File: BF137445.D

Acq: 29 Feb 2024 16:43

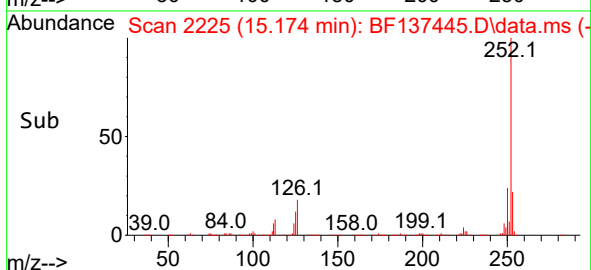
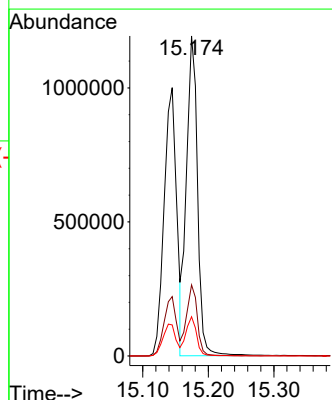
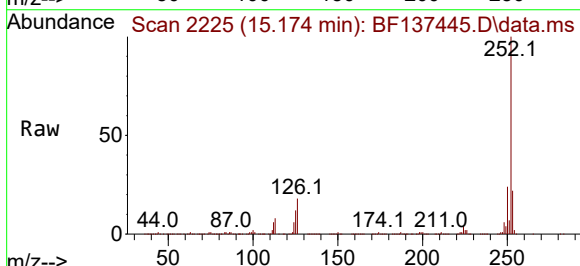
Tgt Ion:252 Resp: 1393420

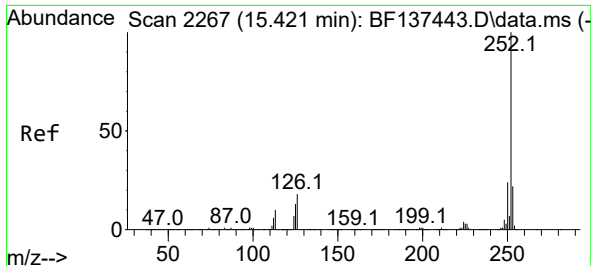
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 12.2 9.6 14.4

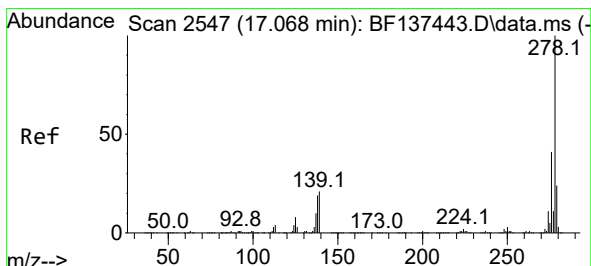
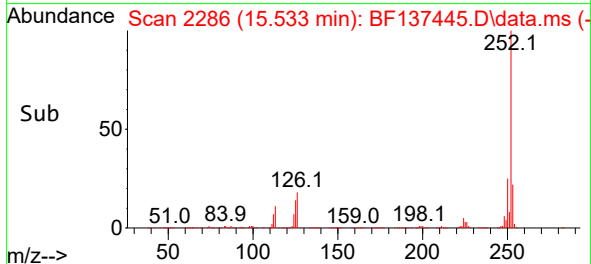
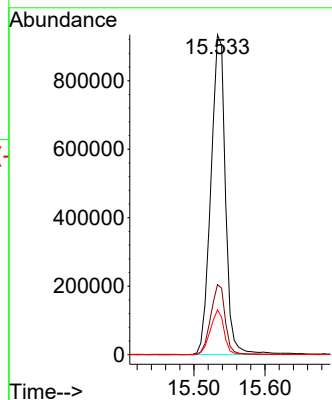
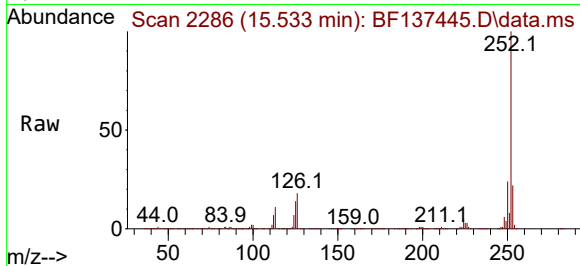




#90
Benzo(a)pyrene
Concen: 60.523 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.112 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

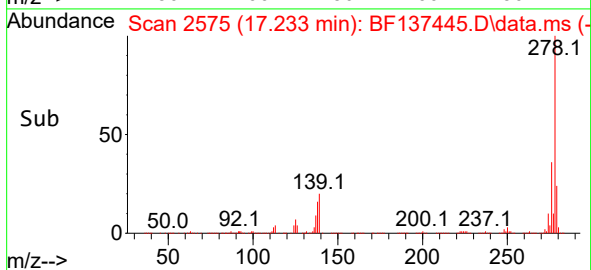
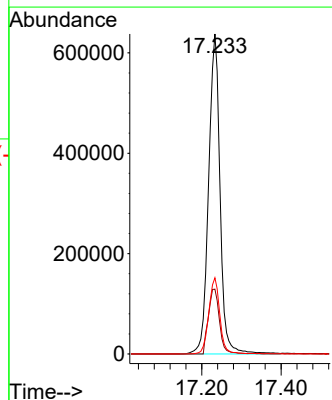
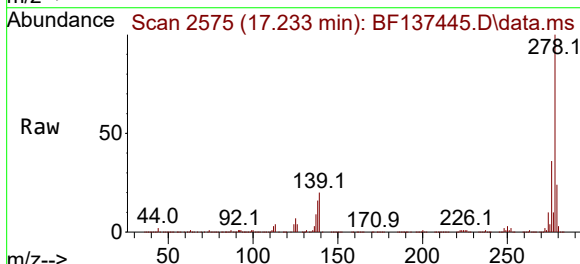
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

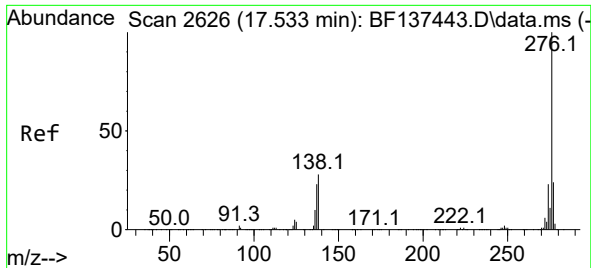
Tgt Ion:252 Resp: 1327762
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 14.0 10.4 15.6



#91
Dibenzo(a,h)anthracene
Concen: 63.654 ng
RT: 17.233 min Scan# 2575
Delta R.T. 0.165 min
Lab File: BF137445.D
Acq: 29 Feb 2024 16:43

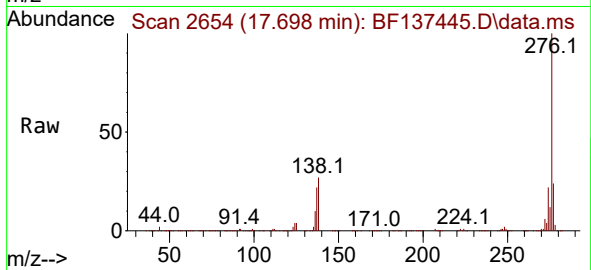
Tgt Ion:278 Resp: 1278819
Ion Ratio Lower Upper
278 100
139 20.2 17.0 25.6
279 23.8 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 62.835 ng
 RT: 17.698 min Scan# 20
 Delta R.T. 0.165 min
 Lab File: BF137445.D
 Acq: 29 Feb 2024 16:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060



Tgt Ion:276 Resp: 1296436
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.0 28.4
 138 27.0 22.2 33.2

