

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011924\
 Data File : BF137112.D
 Acq On : 19 Jan 2024 15:24
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Jan 20 00:50:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 20 00:41:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	171607	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	691662	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	350184	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	633095	20.000	ng	0.00
76) Chrysene-d12	13.998	240	306831	20.000	ng	0.00
86) Perylene-d12	15.492	264	336091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1076766	91.956	ng	0.00
7) Phenol-d6	6.451	99	1357048	92.315	ng	0.00
23) Nitrobenzene-d5	7.386	82	1212605	100.324	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	318361	93.896	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2059801	88.283	ng	0.00
79) Terphenyl-d14	12.945	244	2083559	97.065	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	250982	47.487	ng	99
3) Pyridine	3.363	79	602613	46.965	ng	97
4) n-Nitrosodimethylamine	3.334	42	345202	48.332	ng	97
6) Aniline	6.481	93	711999m	49.764	ng	
8) 2-Chlorophenol	6.604	128	574371	46.375	ng	96
9) Benzaldehyde	6.369	77	351389	42.771	ng	99
10) Phenol	6.469	94	736182	46.291	ng	96
11) bis(2-Chloroethyl)ether	6.563	93	585473	46.454	ng	98
12) 1,3-Dichlorobenzene	6.763	146	627057	46.087	ng	97
13) 1,4-Dichlorobenzene	6.839	146	631155	46.066	ng	97
14) 1,2-Dichlorobenzene	6.992	146	575689	45.343	ng	98
15) Benzyl Alcohol	6.963	79	497136	46.880	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	974157	46.412	ng	99
17) 2-Methylphenol	7.069	107	476154	46.883	ng	98
18) Hexachloroethane	7.328	117	238536	47.542	ng	97
19) n-Nitroso-di-n-propyla...	7.239	70	421673	46.581	ng	98
20) 3+4-Methylphenols	7.228	107	562155	45.111	ng	# 87
22) Acetophenone	7.234	105	768694	44.928	ng	# 95
24) Nitrobenzene	7.404	77	649199	49.198	ng	98
25) Isophorone	7.639	82	1180699	47.454	ng	98
26) 2-Nitrophenol	7.716	139	260910	48.554	ng	94
27) 2,4-Dimethylphenol	7.751	122	375056	46.754	ng	99
28) bis(2-Chloroethoxy)met...	7.851	93	699727	46.391	ng	99
29) 2,4-Dichlorophenol	7.951	162	473589	47.741	ng	97
30) 1,2,4-Trichlorobenzene	8.039	180	534400	46.636	ng	98
31) Naphthalene	8.122	128	1671864	45.570	ng	99
32) Benzoic acid	7.881	122	381862m	53.815	ng	
33) 4-Chloroaniline	8.175	127	646742	47.909	ng	99
34) Hexachlorobutadiene	8.239	225	309457	46.419	ng	100
35) Caprolactam	8.551	113	152690	48.494	ng	98
36) 4-Chloro-3-methylphenol	8.645	107	520265	48.013	ng	94
37) 2-Methylnaphthalene	8.810	142	1073438	45.971	ng	100
38) 1-Methylnaphthalene	8.910	142	1040402	45.678	ng	98
40) 1,2,4,5-Tetrachloroben...	8.975	216	474264	46.274	ng	100
41) Hexachlorocyclopentadiene	8.963	237	197182	50.076	ng	97
43) 2,4,6-Trichlorophenol	9.086	196	321615	48.209	ng	100

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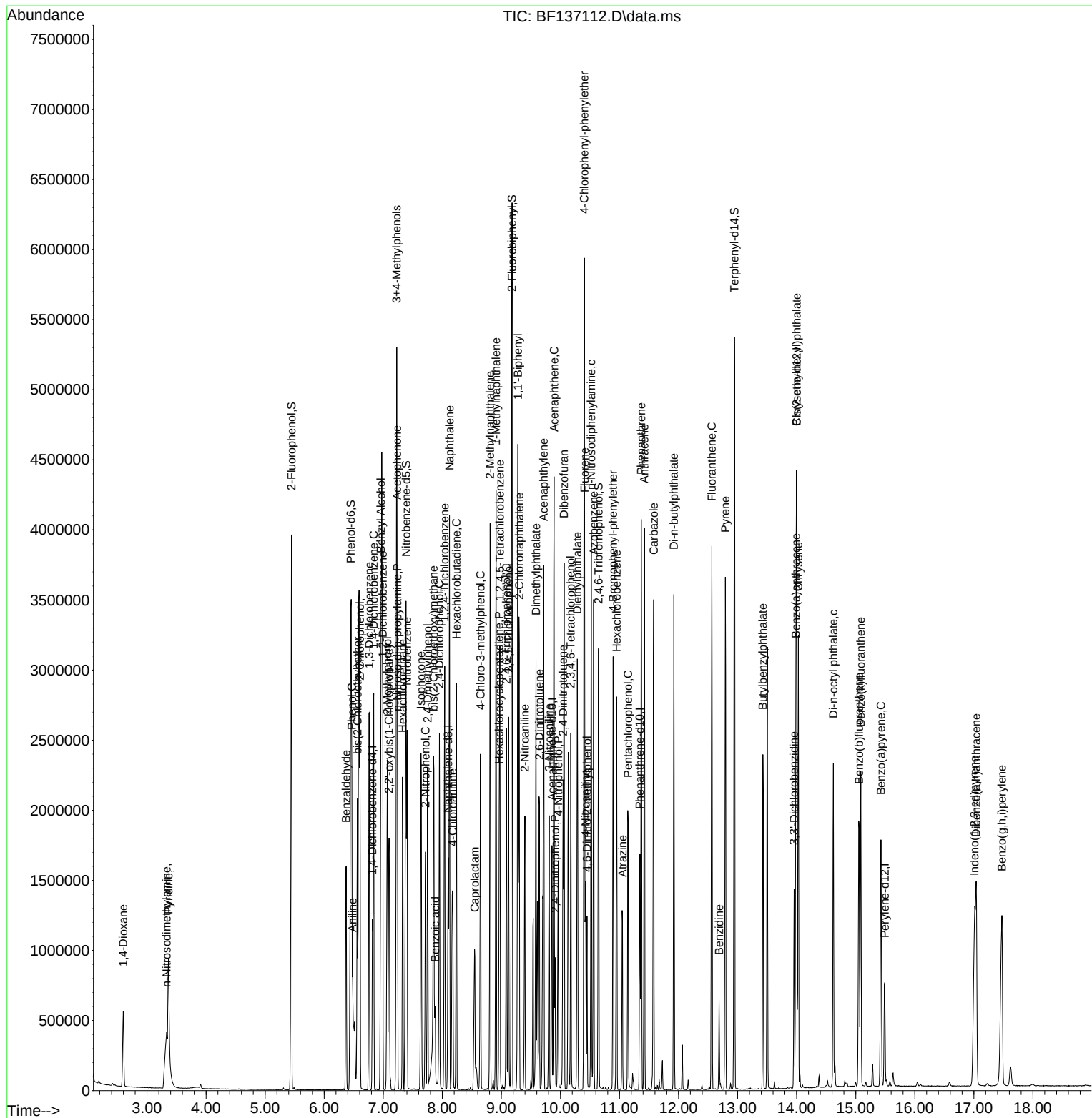
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	343073	47.177	ng	95
46) 1,1'-Biphenyl	9.280	154	1302979	45.705	ng	97
47) 2-Chloronaphthalene	9.304	162	1022808	46.327	ng	98
48) 2-Nitroaniline	9.398	65	316223	54.528	ng	94
49) Acenaphthylene	9.716	152	1458784	46.400	ng	99
50) Dimethylphthalate	9.586	163	1135534	46.347	ng	99
51) 2,6-Dinitrotoluene	9.645	165	254369	52.082	ng	93
52) Acenaphthene	9.892	154	985445	46.168	ng	98
53) 3-Nitroaniline	9.810	138	268341	51.539	ng	99
54) 2,4-Dinitrophenol	9.910	184	83908	47.320	ng	# 85
55) Dibenzofuran	10.063	168	1344206	45.499	ng	98
56) 4-Nitrophenol	9.963	139	217760	51.543	ng	99
57) 2,4-Dinitrotoluene	10.045	165	320008	54.790	ng	96
58) Fluorene	10.410	166	980377	44.088	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	261032	46.275	ng	99
60) Diethylphthalate	10.286	149	1136801	47.143	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	477296	44.227	ng	94
62) 4-Nitroaniline	10.427	138	255215	51.419	ng	98
63) Azobenzene	10.563	77	1180197	46.760	ng	96
65) 4,6-Dinitro-2-methylph...	10.451	198	125951	47.030	ng	95
66) n-Nitrosodiphenylamine	10.522	169	921896	45.610	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	315388	46.097	ng	95
68) Hexachlorobenzene	10.951	284	356956	46.246	ng	95
69) Atrazine	11.051	200	143672	35.387	ng	98
70) Pentachlorophenol	11.145	266	219294	48.054	ng	99
71) Phenanthrene	11.369	178	1521715	45.109	ng	99
72) Anthracene	11.421	178	1525702	45.402	ng	99
73) Carbazole	11.580	167	1362453	44.701	ng	99
74) Di-n-butylphthalate	11.921	149	1616063	46.250	ng	99
75) Fluoranthene	12.563	202	1526045	44.411	ng	99
77) Benzidine	12.686	184	203894	65.828	ng	100
78) Pyrene	12.792	202	1543888	50.399	ng	98
80) Butylbenzylphthalate	13.427	149	528301	53.278	ng	99
81) Benzo(a)anthracene	13.986	228	1114009	48.889	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	259091	46.374	ng	98
83) Chrysene	14.027	228	1047016	47.539	ng	97
84) Bis(2-ethylhexyl)phtha...	13.998	149	626512	51.963	ng	99
85) Di-n-octyl phthalate	14.621	149	1013125	52.070	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	1195663	52.651	ng	100
88) Benzo(b)fluoranthene	15.057	252	990392	46.315	ng	98
89) Benzo(k)fluoranthene	15.086	252	925282	47.326	ng	99
90) Benzo(a)pyrene	15.427	252	853661	48.383	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	970071	52.028	ng	99
92) Benzo(g,h,i)perylene	17.474	276	1023379	52.742	ng	98

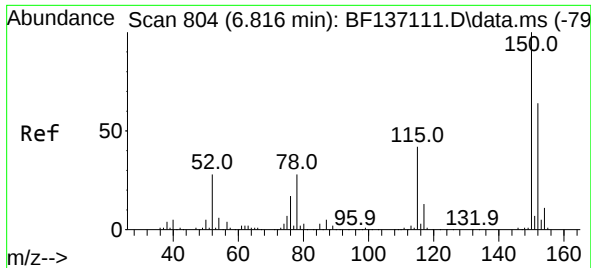
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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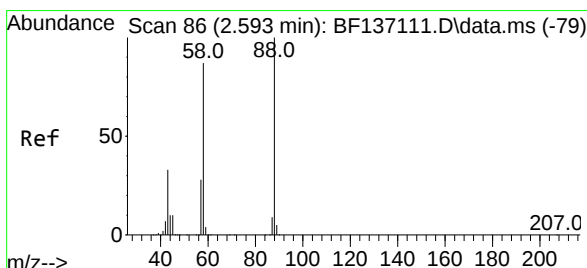
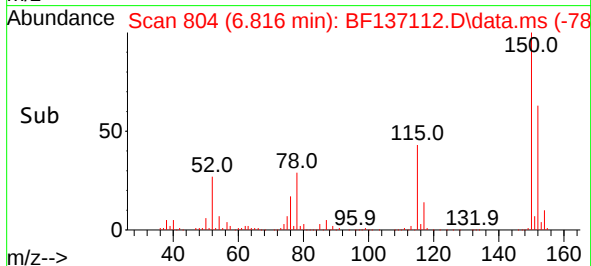
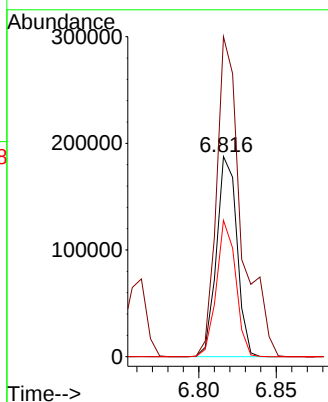
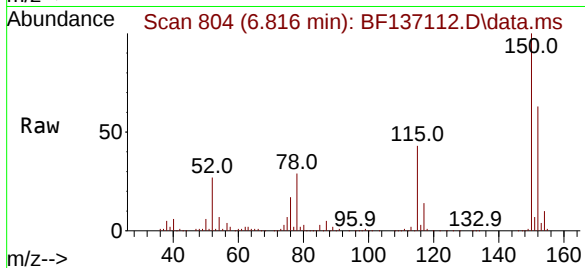




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF137112.D
 Acq: 19 Jan 2024 15:24

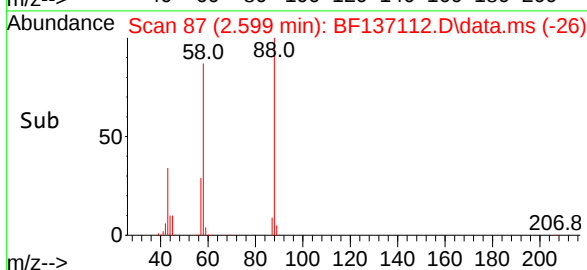
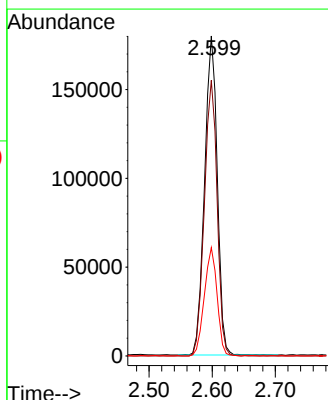
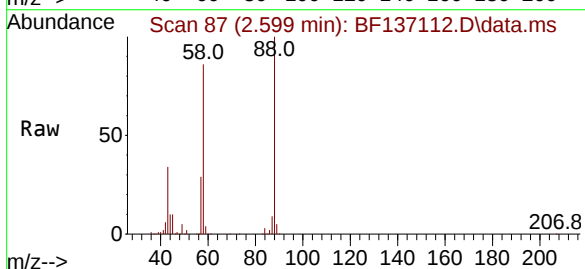
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 ClientSampleId :
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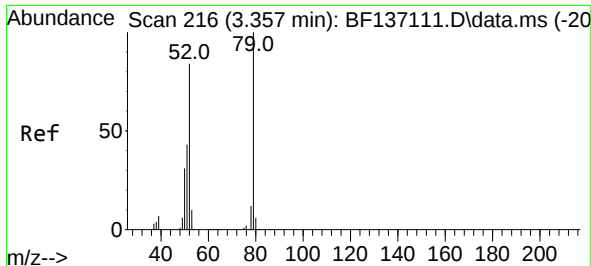
Tgt Ion:152 Resp: 171607
 Ion Ratio Lower Upper
 152 100
 150 159.8 125.1 187.7
 115 68.1 52.3 78.5



#2
 1,4-Dioxane
 Concen: 47.487 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.006 min
 Lab File: BF137112.D
 Acq: 19 Jan 2024 15:24

Tgt Ion: 88 Resp: 250982
 Ion Ratio Lower Upper
 88 100
 58 86.7 68.5 102.7
 43 34.0 26.9 40.3





#3

Pyridine

Concen: 46.965 ng

RT: 3.363 min Scan# 217

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

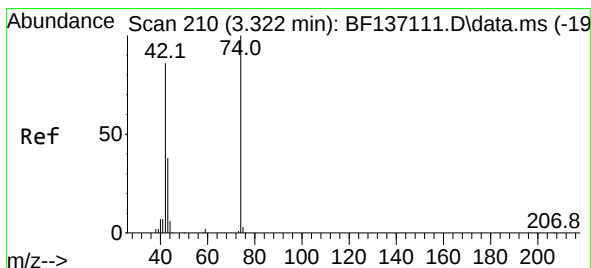
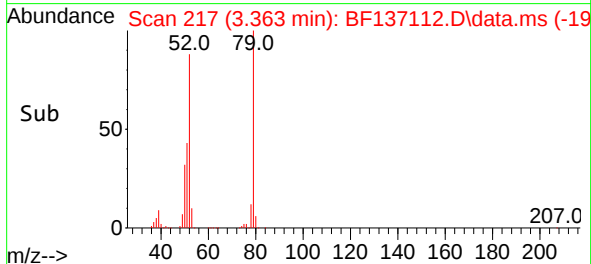
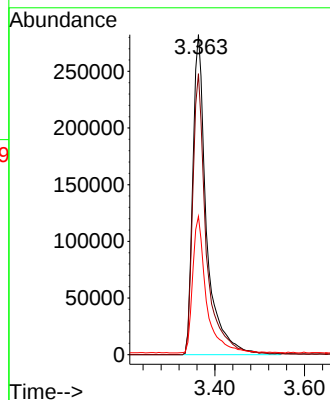
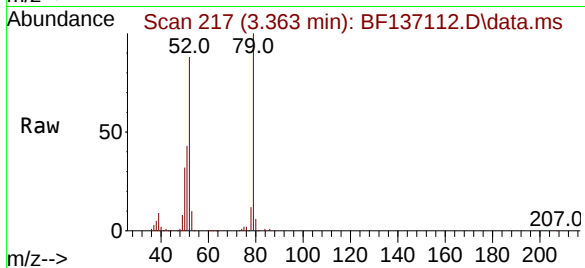
Tgt Ion: 79 Resp: 602613

Ion Ratio Lower Upper

79 100

52 87.8 67.0 100.4

51 43.2 34.4 51.6



#4

n-Nitrosodimethylamine

Concen: 48.332 ng

RT: 3.334 min Scan# 212

Delta R.T. 0.012 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

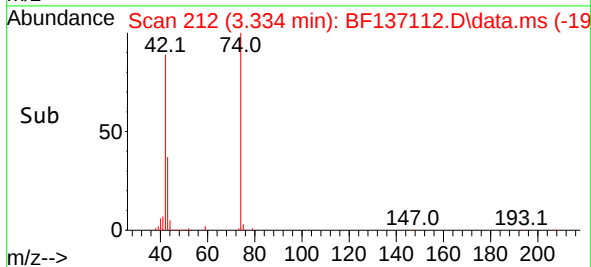
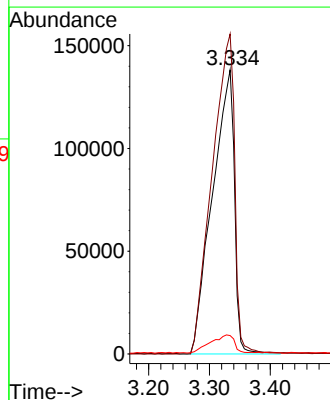
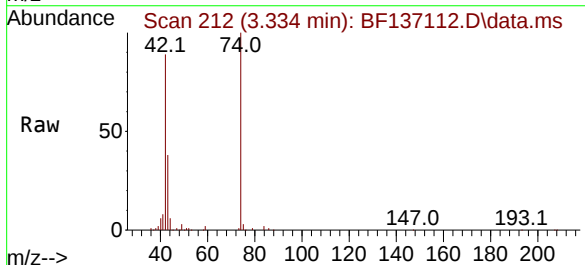
Tgt Ion: 42 Resp: 345202

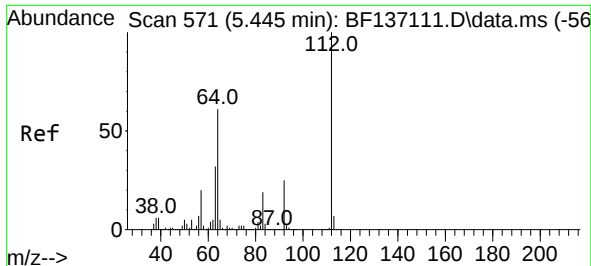
Ion Ratio Lower Upper

42 100

74 112.6 93.1 139.7

44 6.5 5.6 8.4

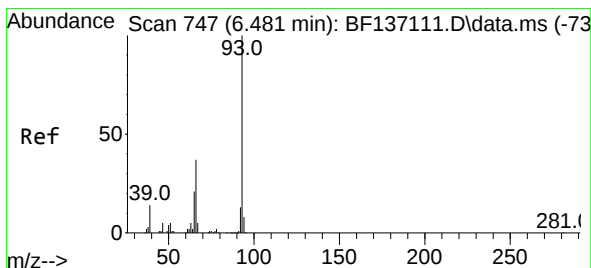
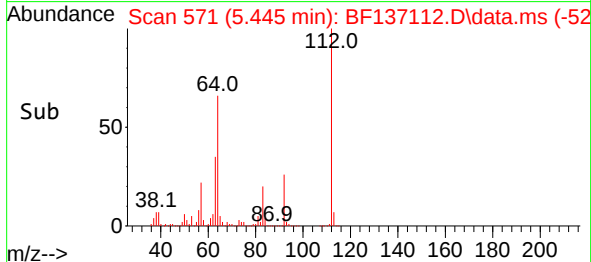
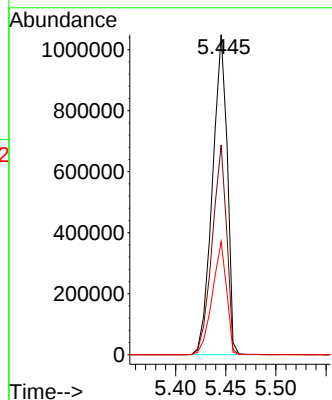
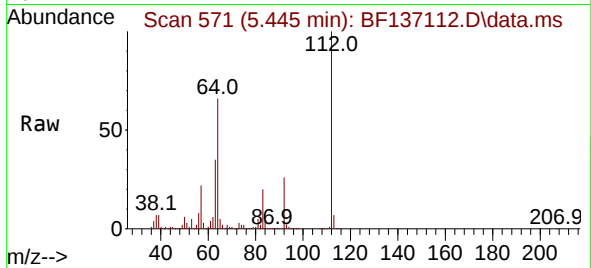




#5
2-Fluorophenol
Concen: 91.956 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

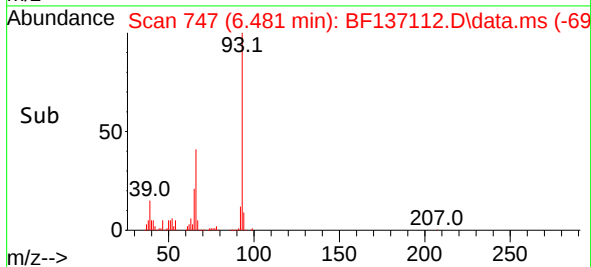
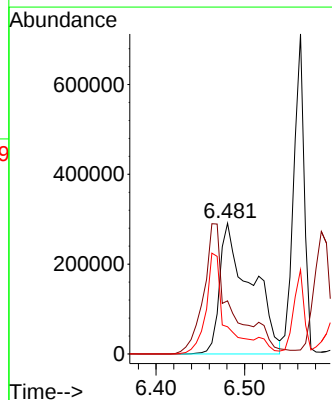
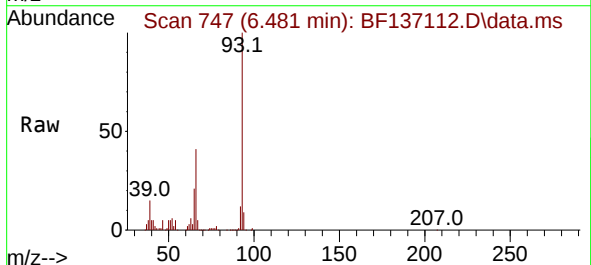
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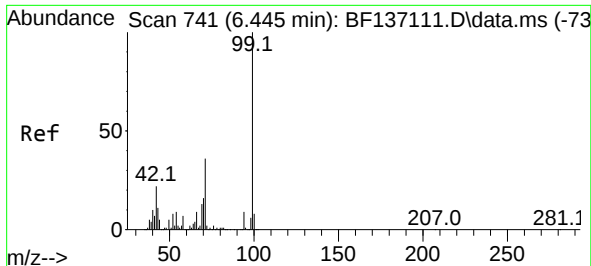
Tgt Ion:112 Resp: 1076766
Ion Ratio Lower Upper
112 100
64 65.5 48.6 73.0
63 35.3 25.5 38.3



#6
Aniline
Concen: 49.764 ng m
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion: 93 Resp: 711999
Ion Ratio Lower Upper
93 100
66 40.7 32.0 48.0
65 20.8 17.0 25.4

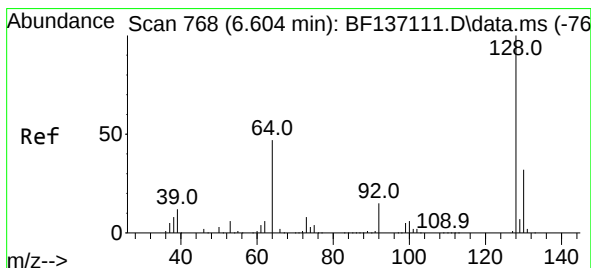
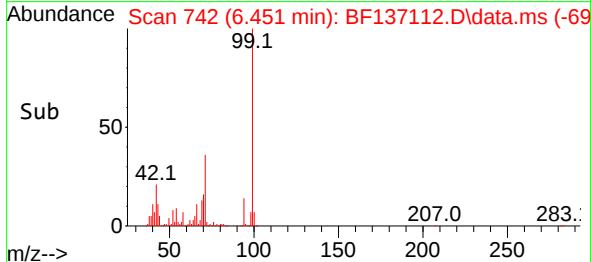
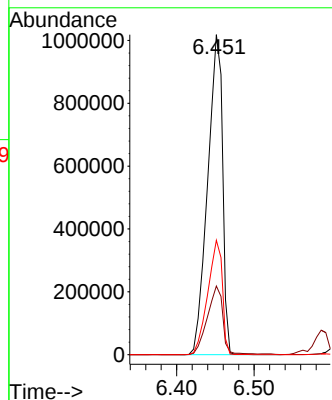
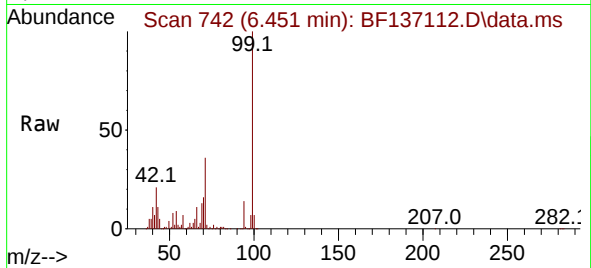




#7
Phenol-d6
Concen: 92.315 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

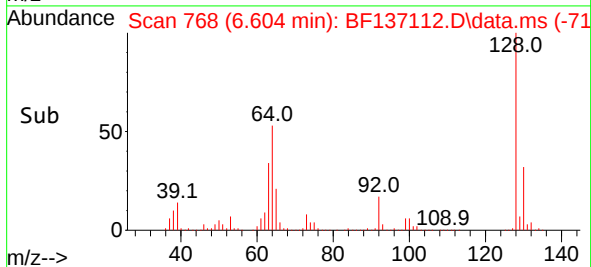
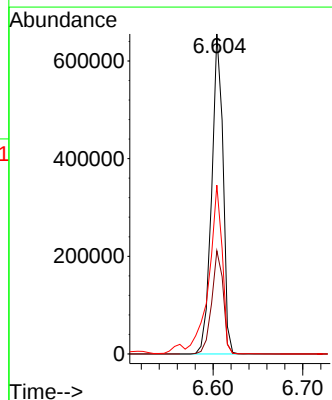
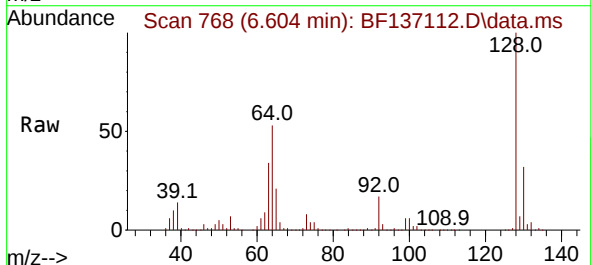
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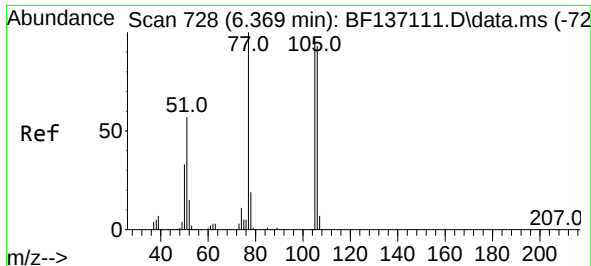
Tgt Ion: 99 Resp: 1357048
Ion Ratio Lower Upper
99 100
42 21.4 17.5 26.3
71 35.8 28.6 42.8



#8
2-Chlorophenol
Concen: 46.375 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion:128 Resp: 574371
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 52.7 28.7 68.7





#9

Benzaldehyde

Concen: 42.771 ng

RT: 6.369 min Scan# 712

Delta R.T. -0.000 min

Lab File: BF137112.D

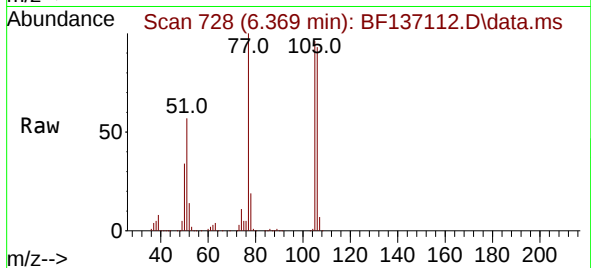
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Instrument :

BNA_F

ClientSampleId :

SSTDICC050



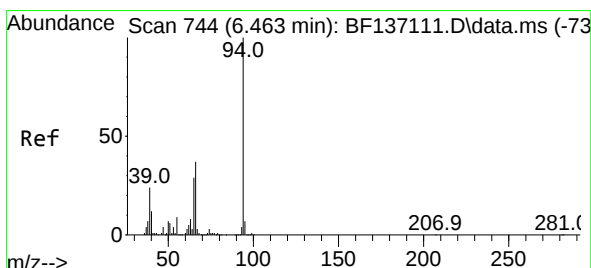
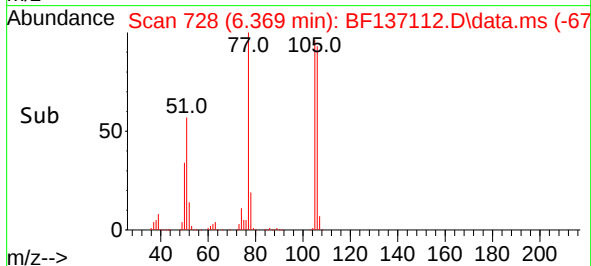
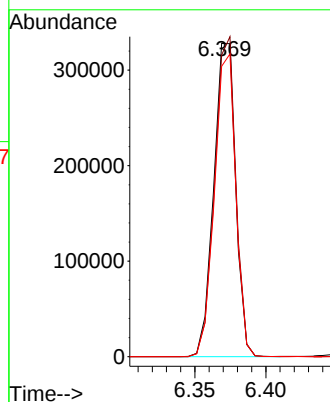
Tgt Ion: 77 Resp: 351389

Ion Ratio Lower Upper

77 100

105 96.4 77.1 117.1

106 92.7 73.2 113.2



#10

Phenol

Concen: 46.291 ng

RT: 6.469 min Scan# 745

Delta R.T. 0.006 min

Lab File: BF137112.D

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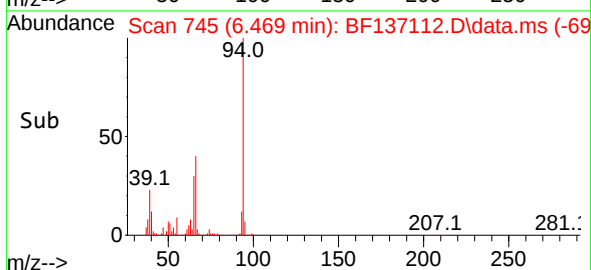
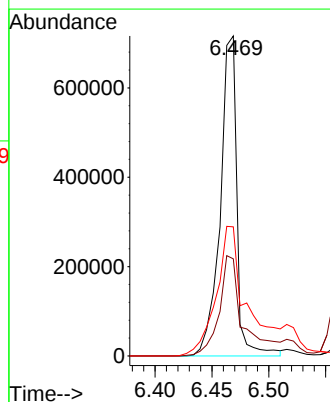
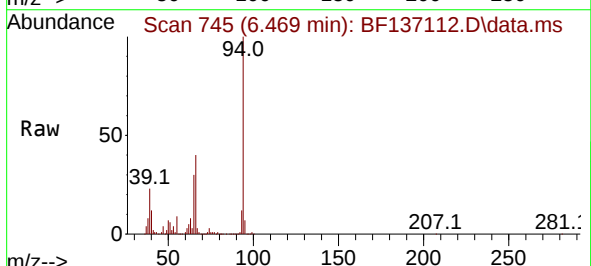
Tgt Ion: 94 Resp: 736182

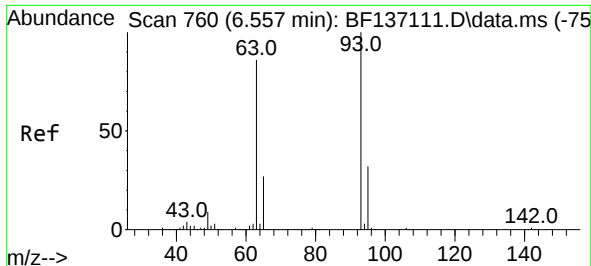
Ion Ratio Lower Upper

94 100

65 30.4 9.3 49.3

66 40.4 17.4 57.4

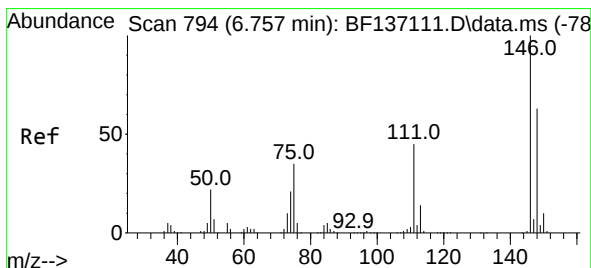
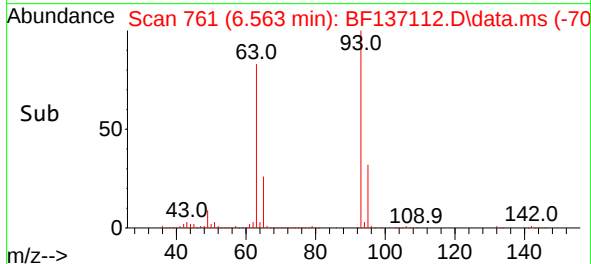
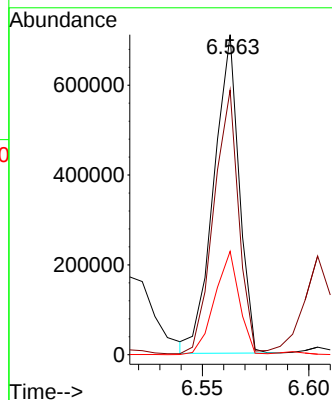
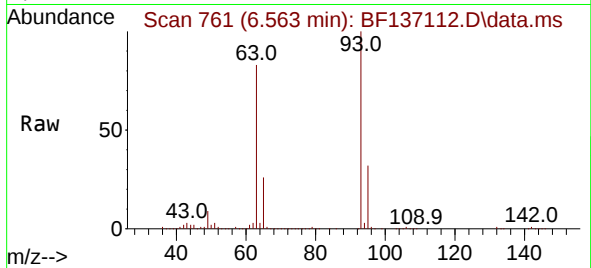




#11
bis(2-Chloroethyl)ether
Concen: 46.454 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

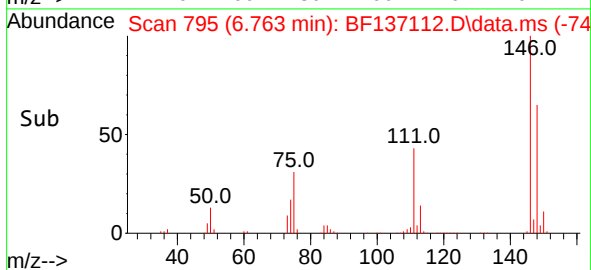
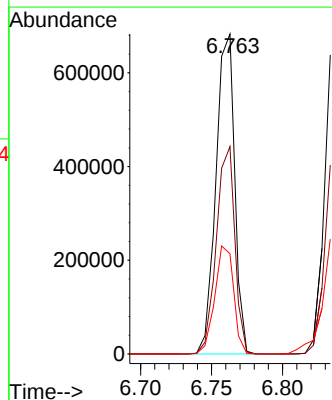
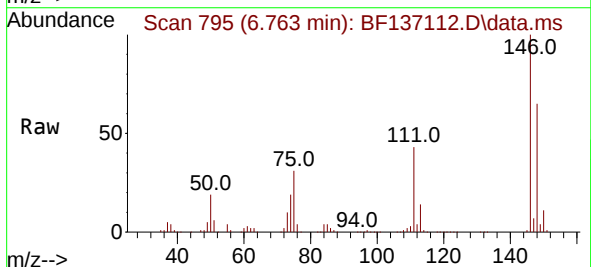
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

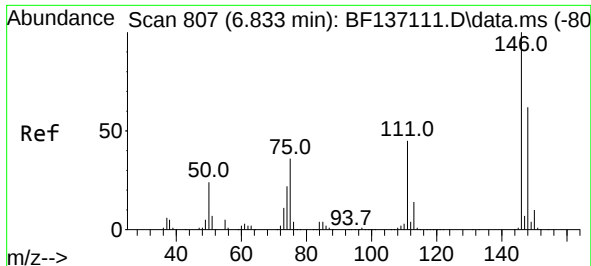
Tgt Ion: 93 Resp: 585473
Ion Ratio Lower Upper
93 100
63 82.7 64.7 104.7
95 32.3 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 46.087 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion: 146 Resp: 627057
Ion Ratio Lower Upper
146 100
148 64.8 50.6 75.8
75 31.3 27.8 41.6





#13

1,4-Dichlorobenzene

Concen: 46.066 ng

RT: 6.839 min Scan# 807

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

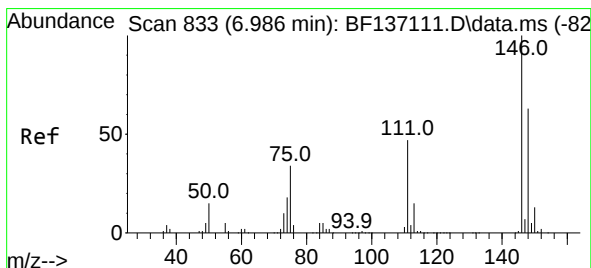
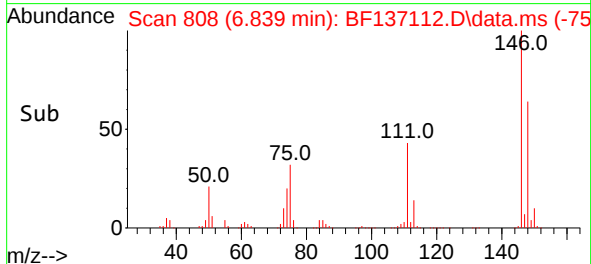
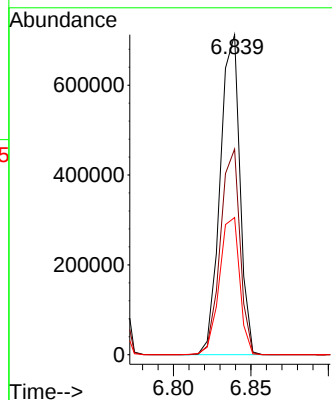
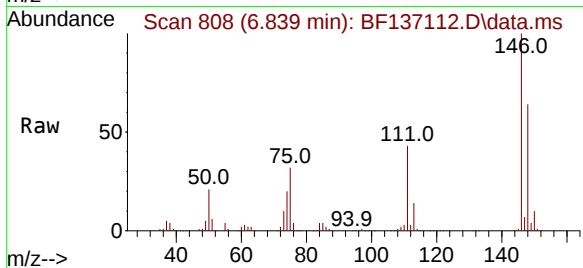
Tgt Ion:146 Resp: 631155

Ion Ratio Lower Upper

146 100

148 64.2 49.8 74.6

111 42.8 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 45.343 ng

RT: 6.992 min Scan# 834

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

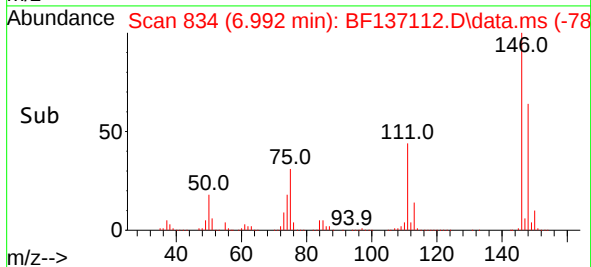
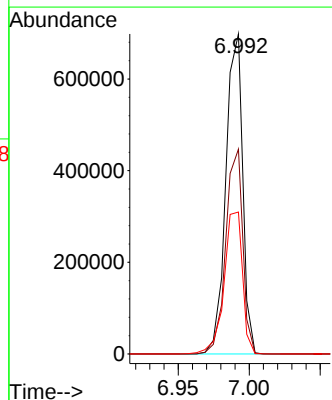
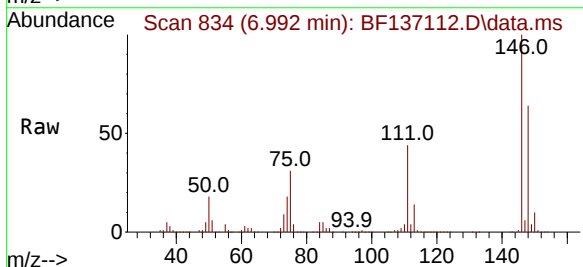
Tgt Ion:146 Resp: 575689

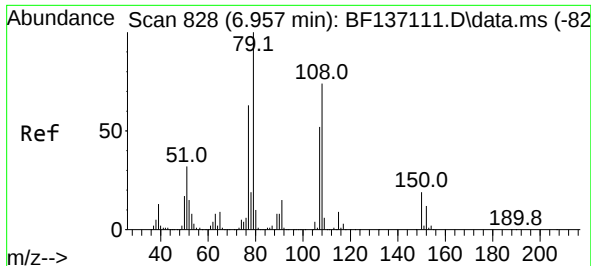
Ion Ratio Lower Upper

146 100

148 64.0 50.7 76.1

111 44.4 37.4 56.0

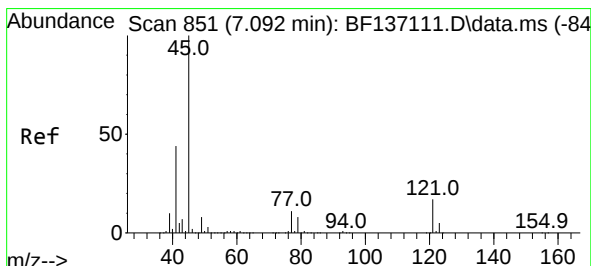
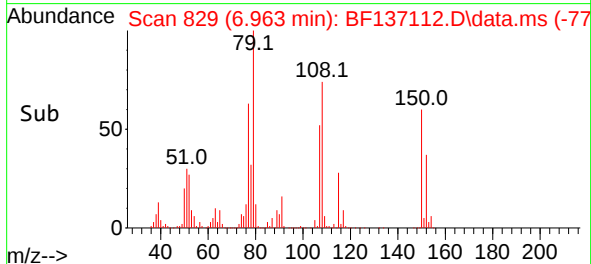
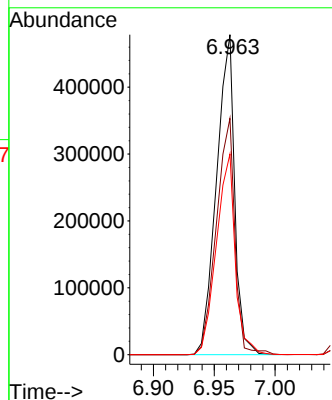
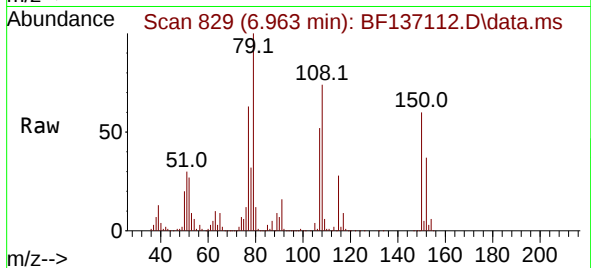




#15
Benzyl Alcohol
Concen: 46.880 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

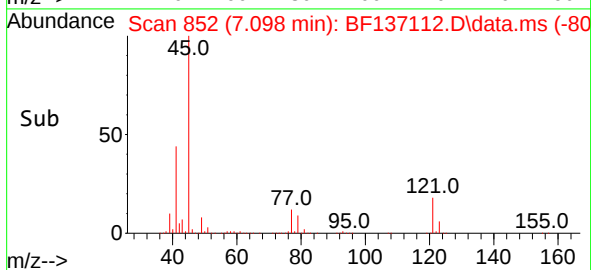
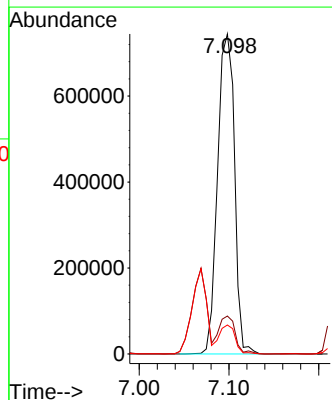
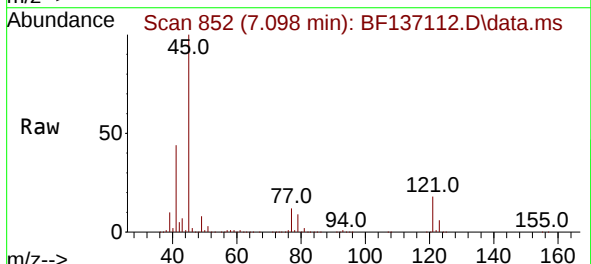
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

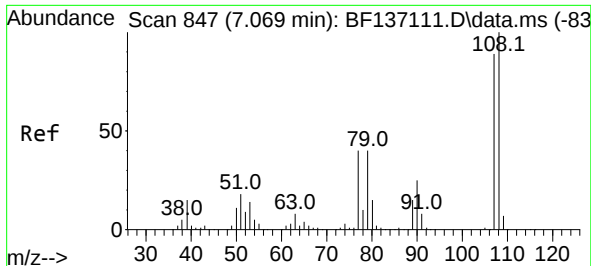
Tgt Ion: 79 Resp: 497136
Ion Ratio Lower Upper
79 100
108 73.9 59.3 88.9
77 62.7 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.412 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion: 45 Resp: 974157
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.6
79 9.1 0.0 28.6

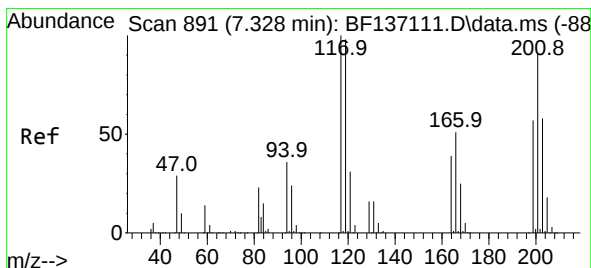
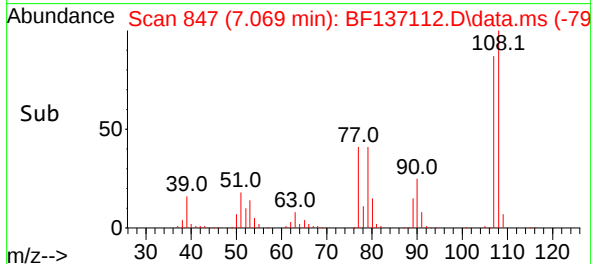
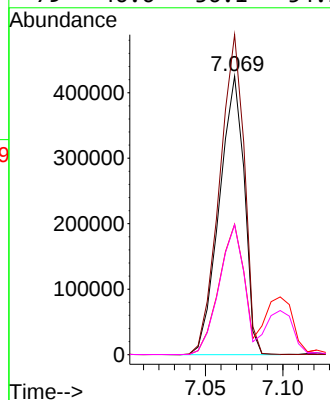
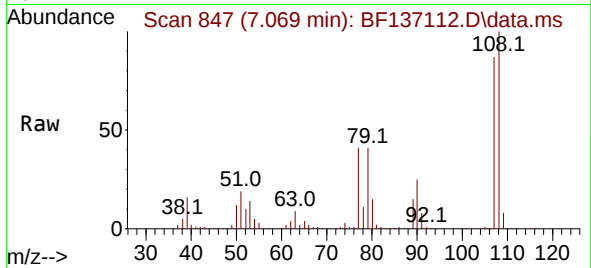




#17
2-Methylphenol
Concen: 46.883 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

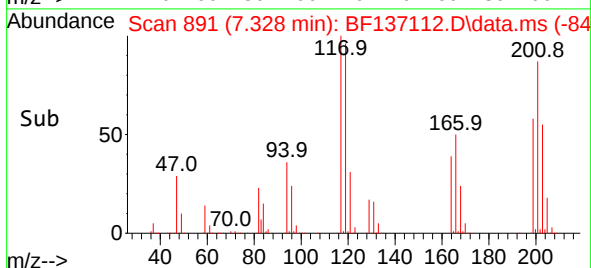
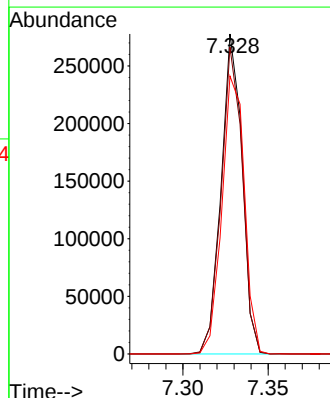
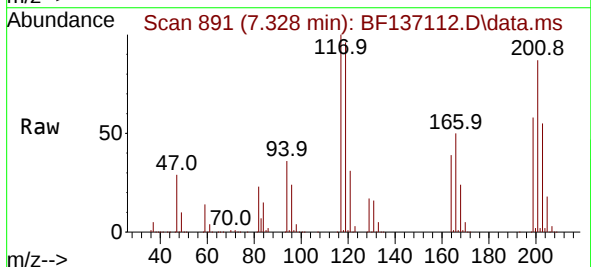
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

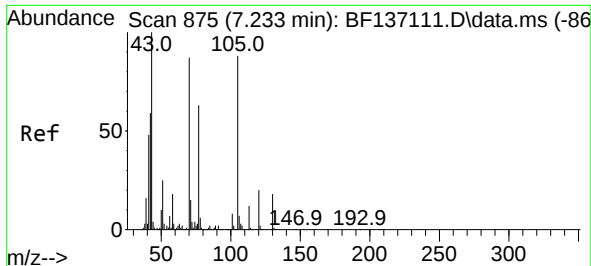
Tgt Ion:	107	Resp:	476154
Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.2	135.2
77	46.8	36.6	54.8
79	46.6	36.1	54.1



#18
Hexachloroethane
Concen: 47.542 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion:	117	Resp:	238536
Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.3	117.5
201	86.8	73.2	109.8





#19

n-Nitroso-di-n-propylamine

Concen: 46.581 ng

RT: 7.239 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 421673

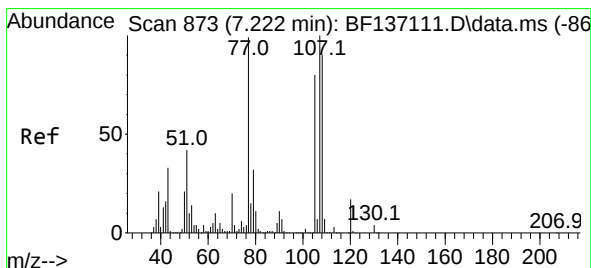
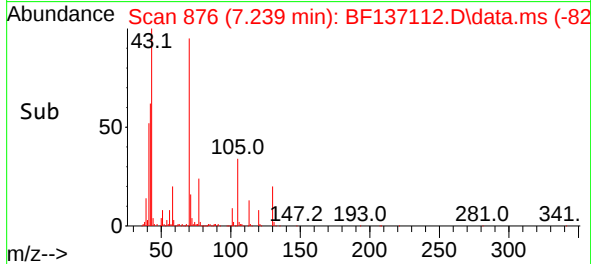
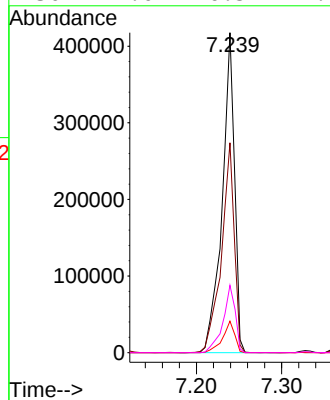
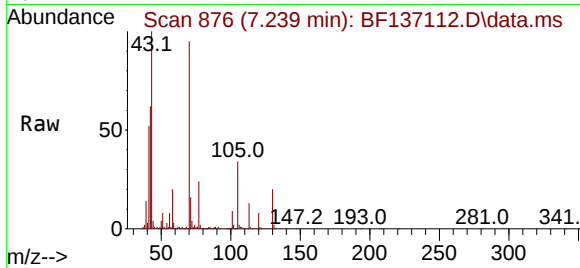
Ion Ratio Lower Upper

70 100

42 65.6 54.2 81.4

101 9.9 7.6 11.4

130 21.0 16.5 24.7



#20

3+4-Methylphenols

Concen: 45.111 ng

RT: 7.228 min Scan# 874

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Tgt Ion: 107 Resp: 562155

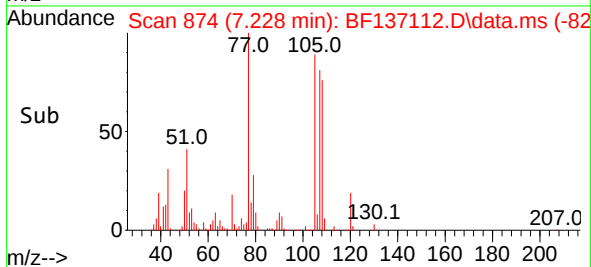
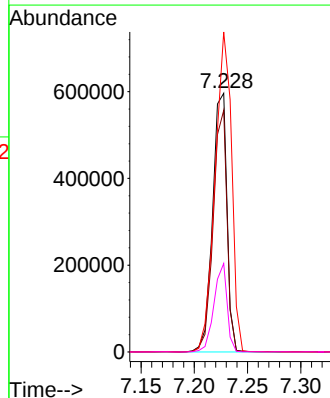
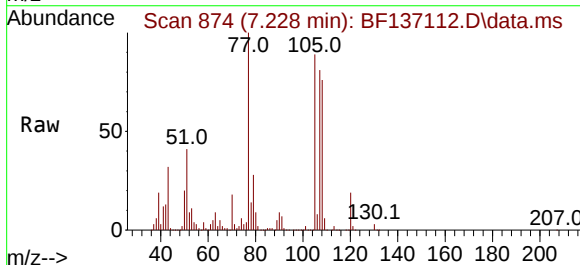
Ion Ratio Lower Upper

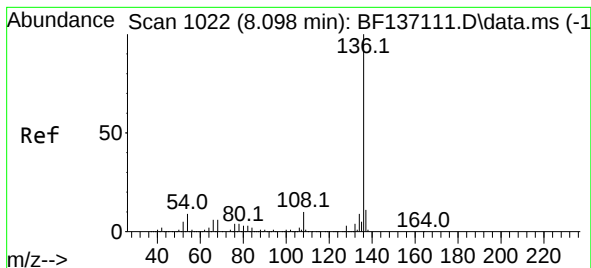
107 100

108 93.4 70.4 110.4

77 123.7 78.5 118.5#

79 34.2 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 691662

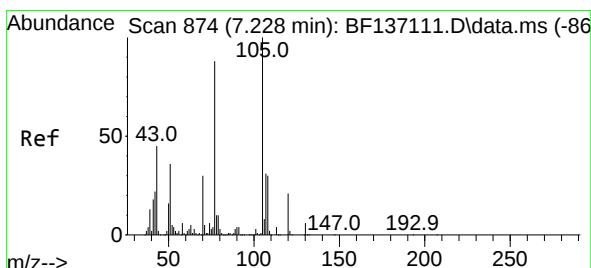
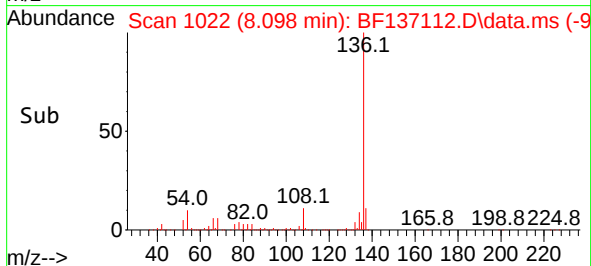
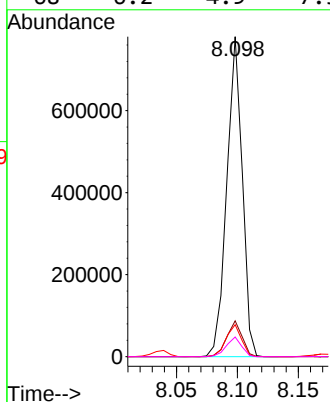
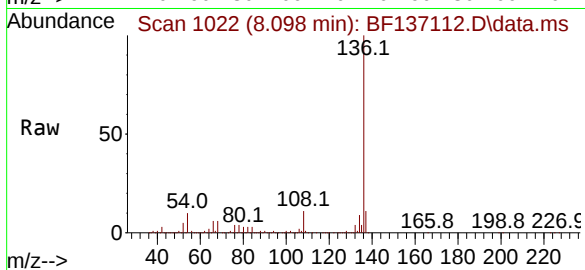
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 10.0 7.4 11.2

68 6.2 4.9 7.3



#22

Acetophenone

Concen: 44.928 ng

RT: 7.234 min Scan# 875

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Tgt Ion:105 Resp: 768694

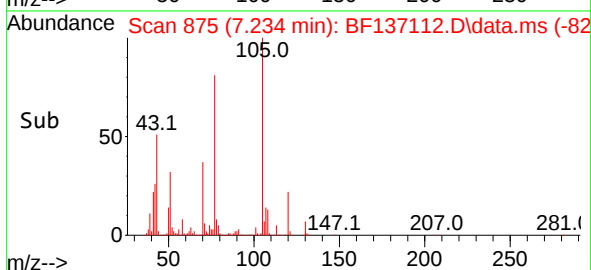
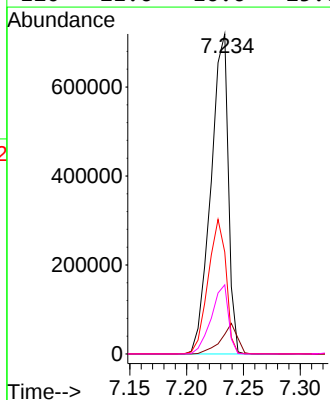
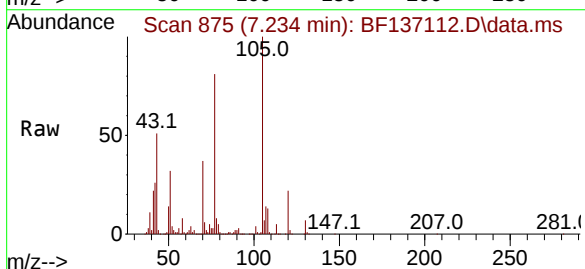
Ion Ratio Lower Upper

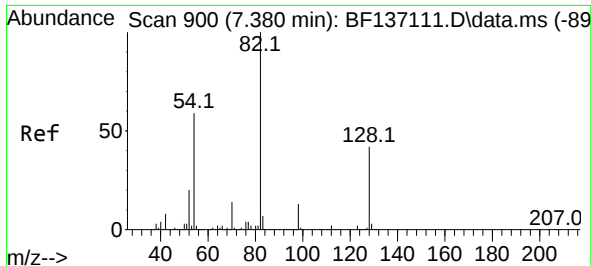
105 100

71 6.2 4.0 6.0#

51 31.9 28.8 43.2

120 21.6 16.6 25.0





#23

Nitrobenzene-d5

Concen: 100.324 ng

RT: 7.386 min Scan# 900

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

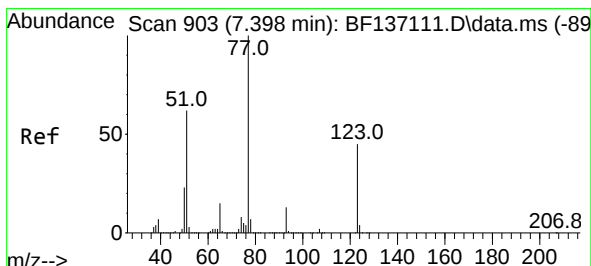
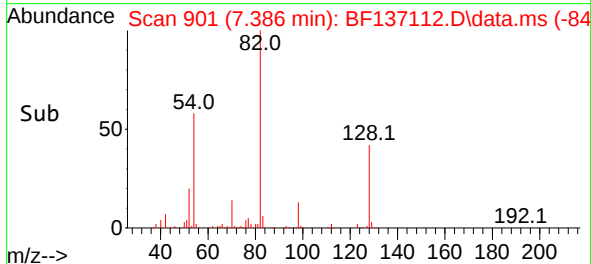
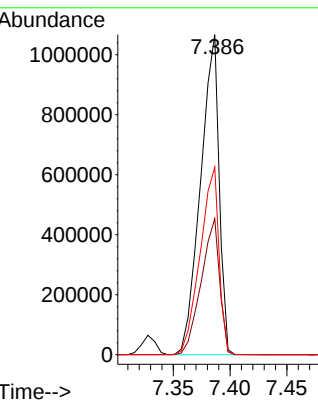
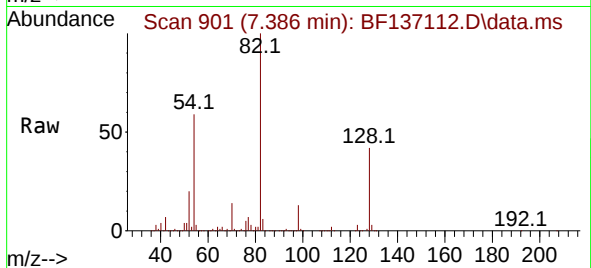
Tgt Ion: 82 Resp: 1212605

Ion Ratio Lower Upper

82 100

128 42.5 33.8 50.8

54 58.6 47.4 71.0



#24

Nitrobenzene

Concen: 49.198 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

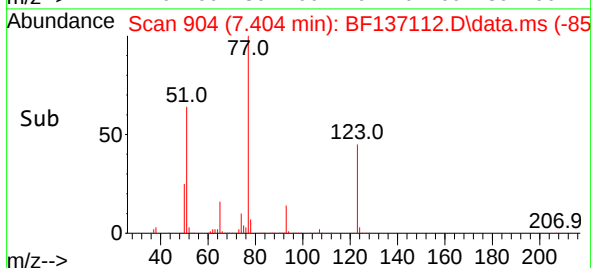
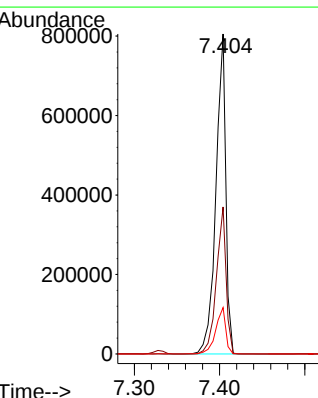
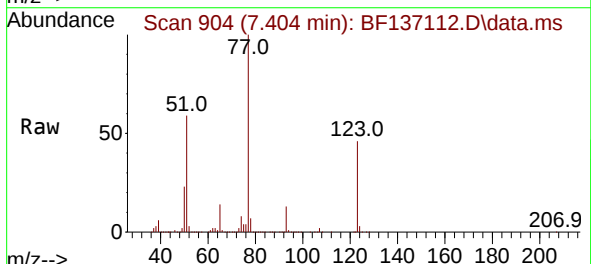
Tgt Ion: 77 Resp: 649199

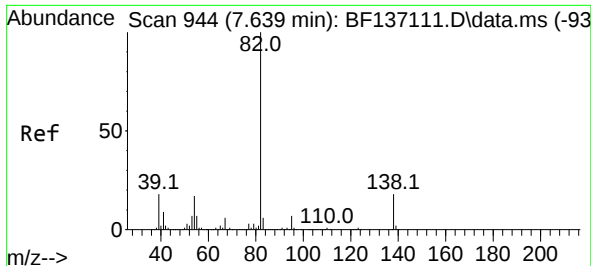
Ion Ratio Lower Upper

77 100

123 46.0 35.8 53.6

65 14.5 11.7 17.5

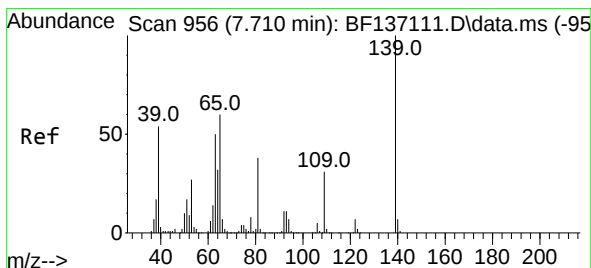
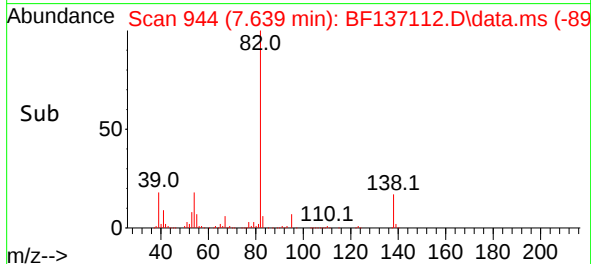
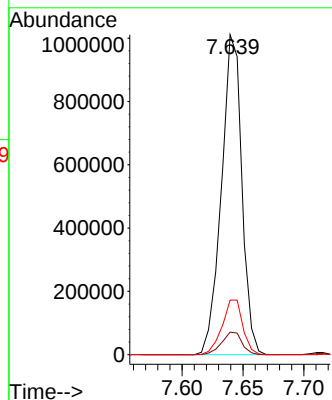
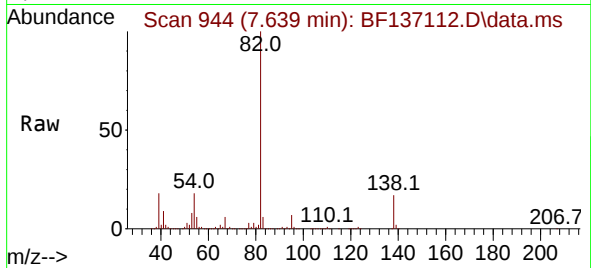




#25
Isophorone
Concen: 47.454 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

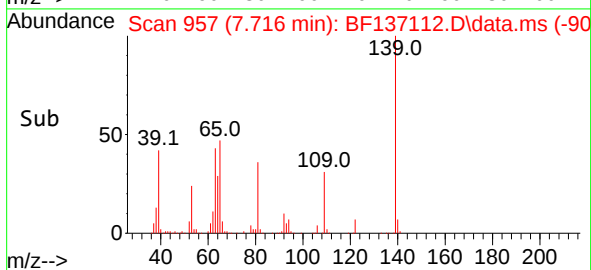
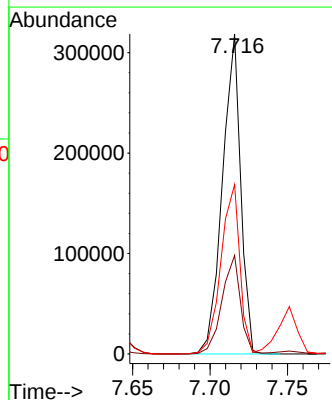
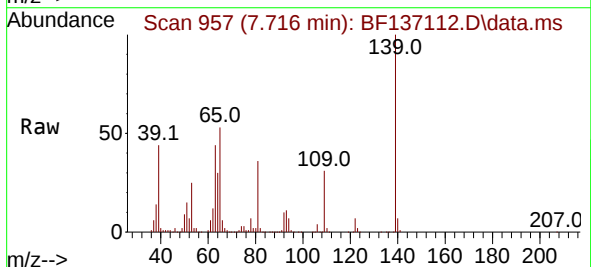
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

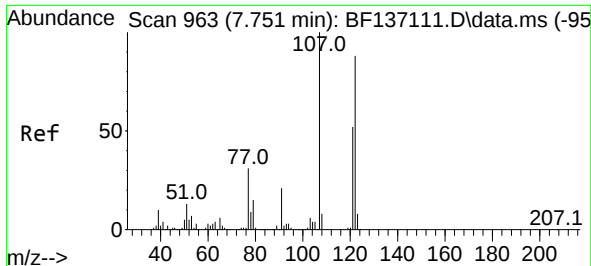
Tgt Ion: 82 Resp: 1180699
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 17.0 14.3 21.5



#26
2-Nitrophenol
Concen: 48.554 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion:139 Resp: 260910
Ion Ratio Lower Upper
139 100
109 30.8 25.2 37.8
65 52.9 47.6 71.4





#27

2,4-Dimethylphenol

Concen: 46.754 ng

RT: 7.751 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

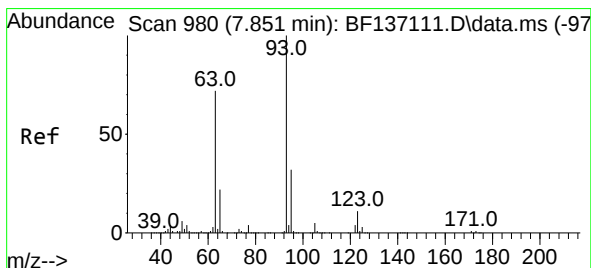
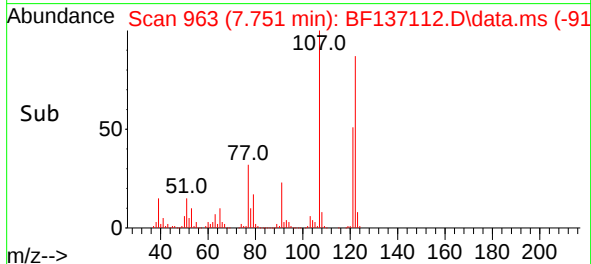
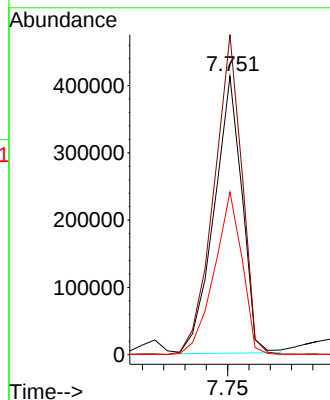
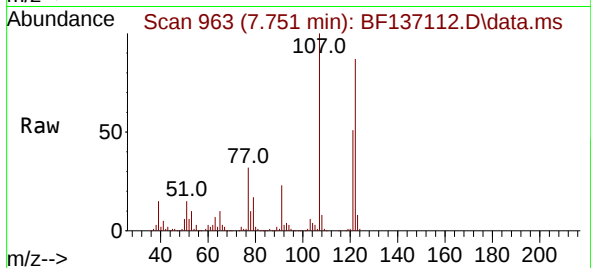
Tgt Ion:122 Resp: 375056

Ion Ratio Lower Upper

122 100

107 115.0 90.3 135.5

121 58.5 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.391 ng

RT: 7.851 min Scan# 980

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

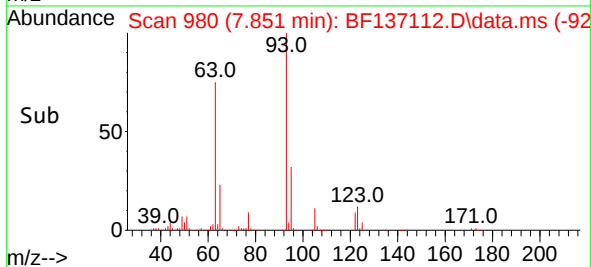
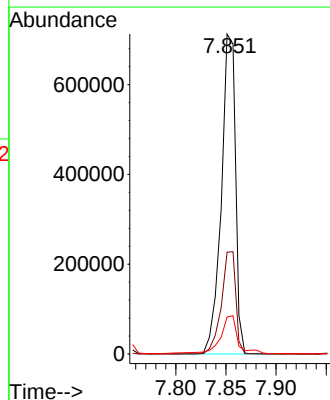
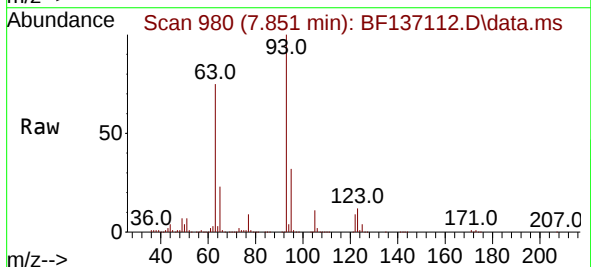
Tgt Ion: 93 Resp: 699727

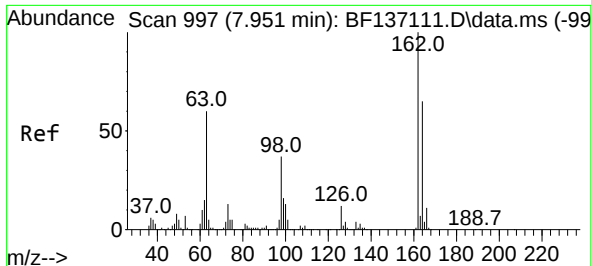
Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.8

123 11.6 9.0 13.6

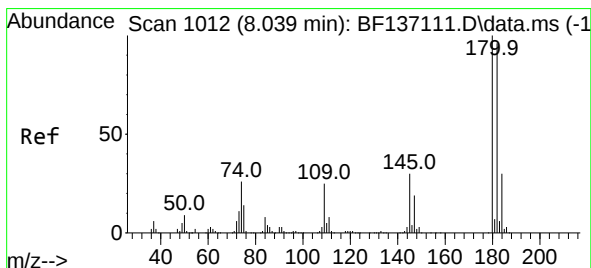
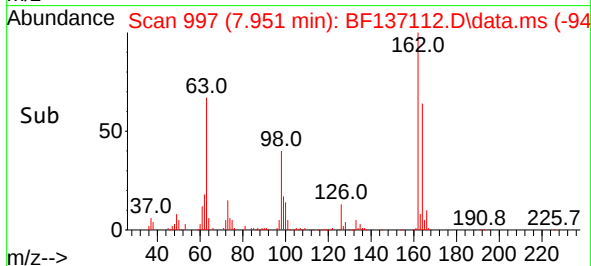
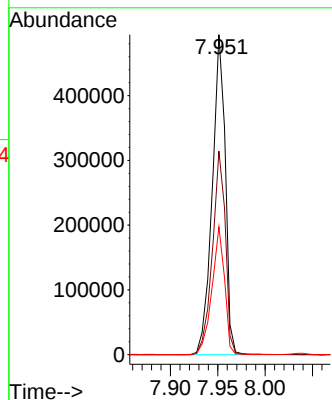
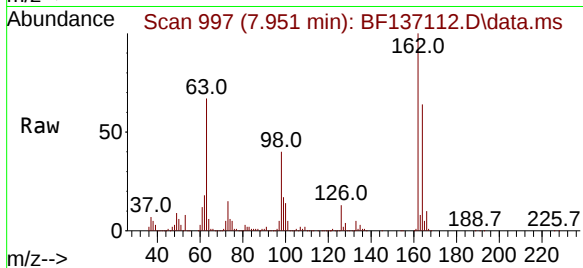




#29
2,4-Dichlorophenol
Concen: 47.741 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

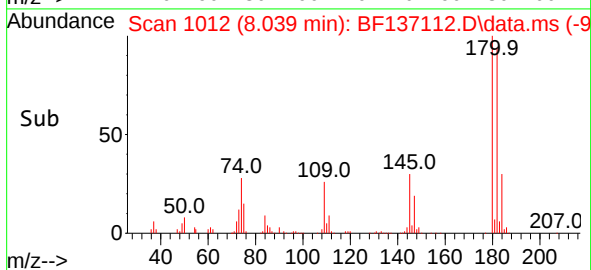
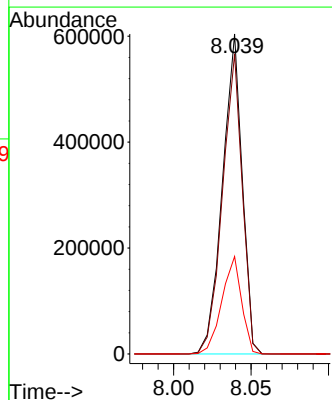
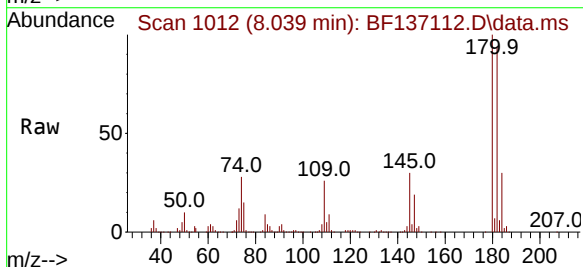
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

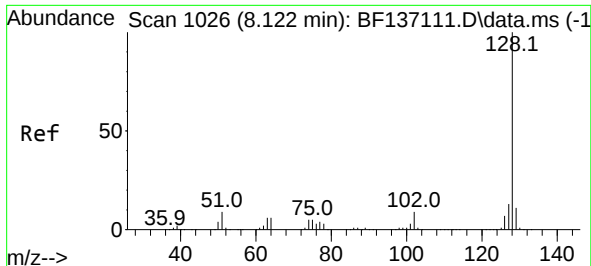
Tgt Ion:	162	Resp:	473589
Ion Ratio	Lower	Upper	
162	100		
164	63.6	45.1	85.1
98	40.0	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 46.636 ng
RT: 8.039 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion:	180	Resp:	534400
Ion Ratio	Lower	Upper	
180	100		
182	93.8	77.0	115.6
145	30.4	24.1	36.1

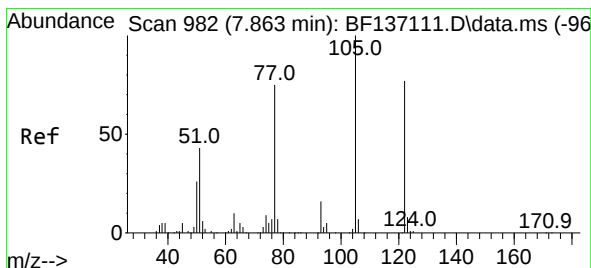
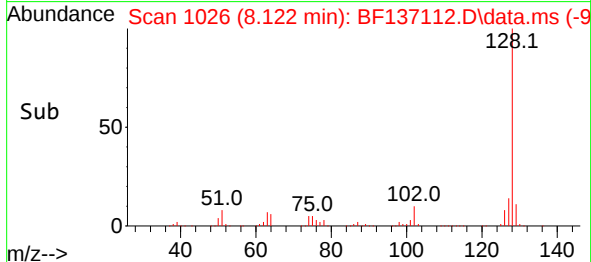
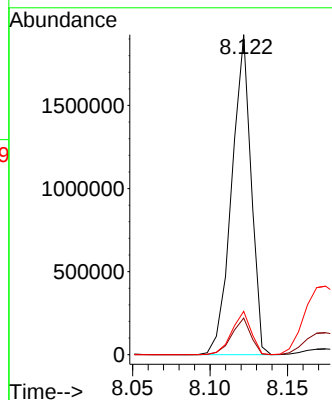
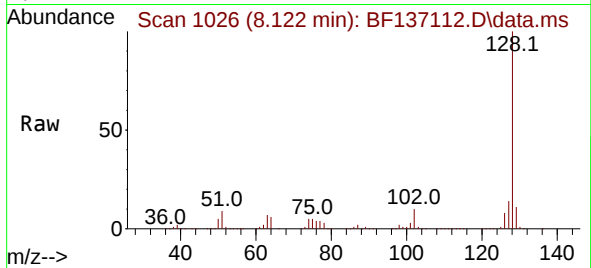




#31
Naphthalene
Concen: 45.570 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

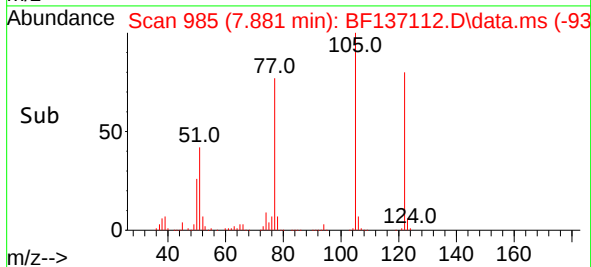
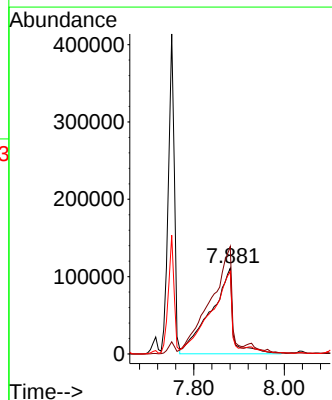
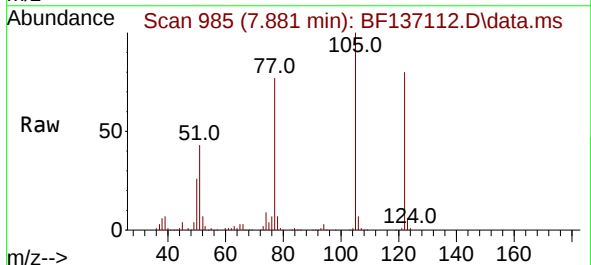
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

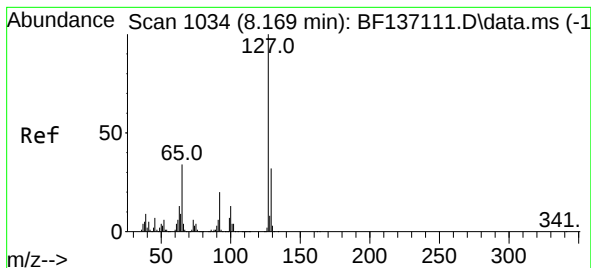
Tgt Ion:128 Resp: 1671864
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 53.815 ng m
RT: 7.881 min Scan# 985
Delta R.T. 0.018 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion:122 Resp: 381862
Ion Ratio Lower Upper
122 100
105 125.4 107.0 147.0
77 96.1 76.3 116.3





#33

4-Chloroaniline

Concen: 47.909 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 646742

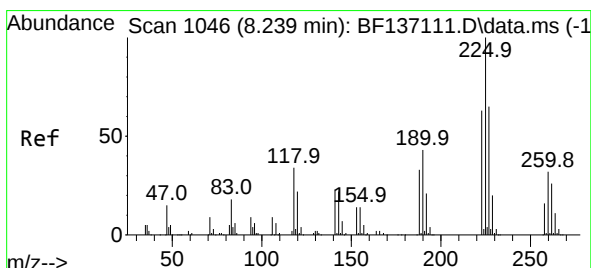
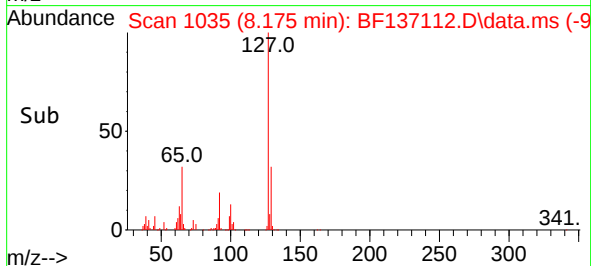
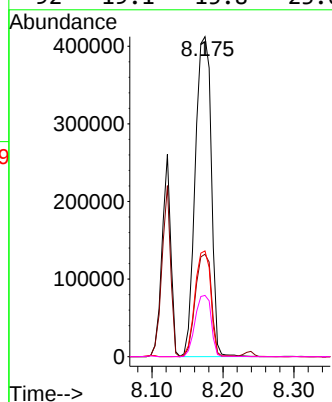
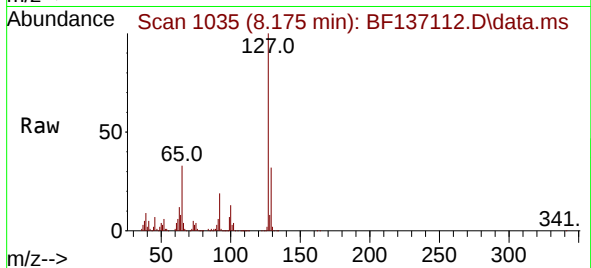
Ion Ratio Lower Upper

127 100

129 32.0 25.8 38.6

65 33.0 26.9 40.3

92 19.1 15.8 23.6



#34

Hexachlorobutadiene

Concen: 46.419 ng

RT: 8.239 min Scan# 1046

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

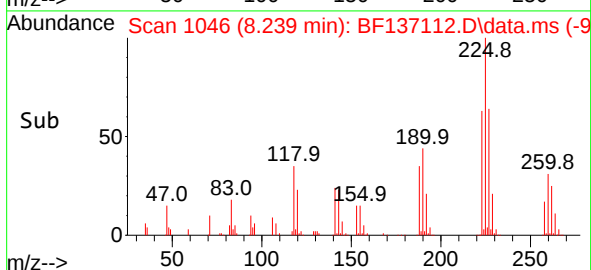
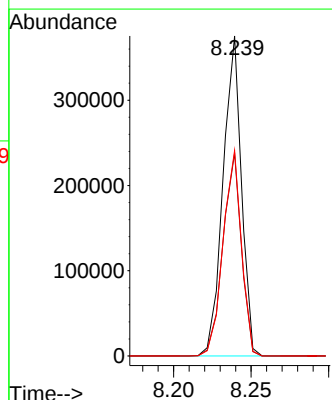
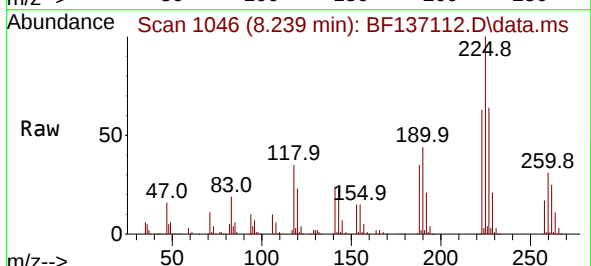
Tgt Ion:225 Resp: 309457

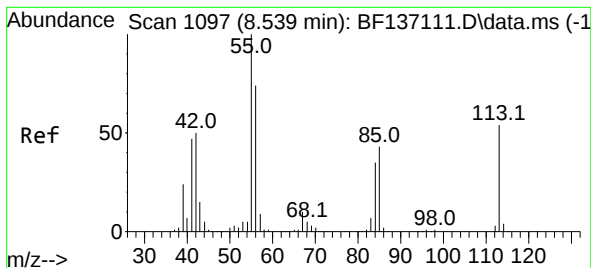
Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

227 64.2 51.9 77.9





#35

Caprolactam

Concen: 48.494 ng

RT: 8.551 min Scan# 1099

Delta R.T. 0.012 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

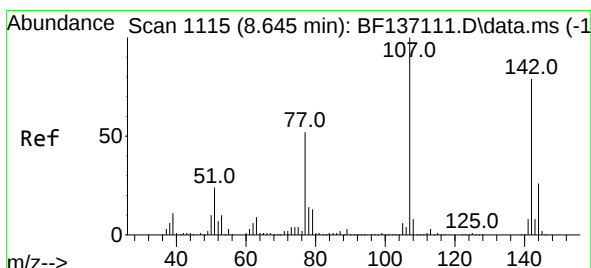
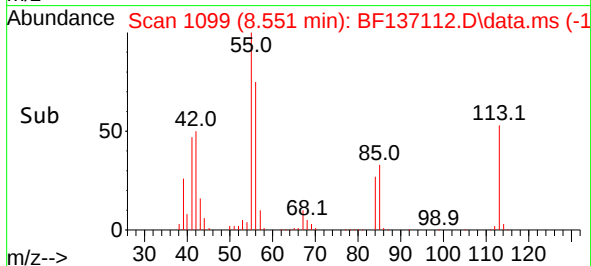
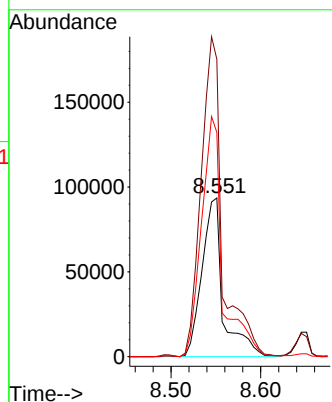
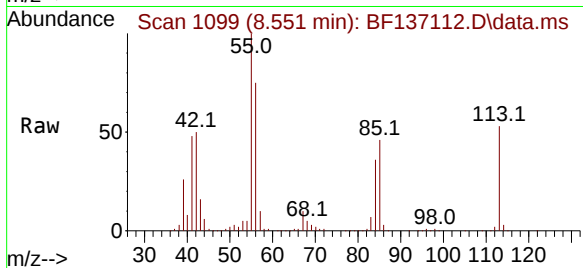
Tgt Ion:113 Resp: 152690

Ion Ratio Lower Upper

113 100

55 187.3 166.5 206.5

56 141.3 117.1 157.1



#36

4-Chloro-3-methylphenol

Concen: 48.013 ng

RT: 8.645 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

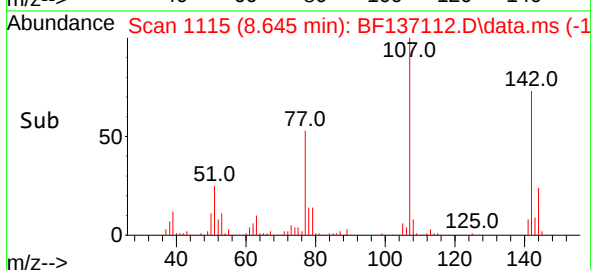
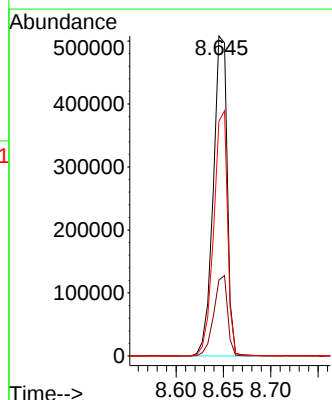
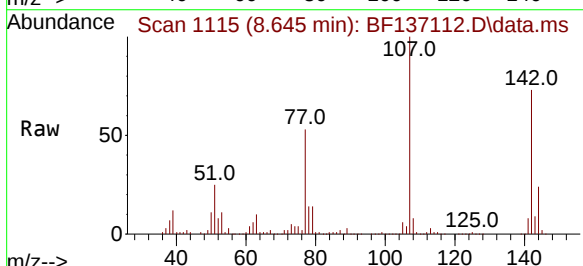
Tgt Ion:107 Resp: 520265

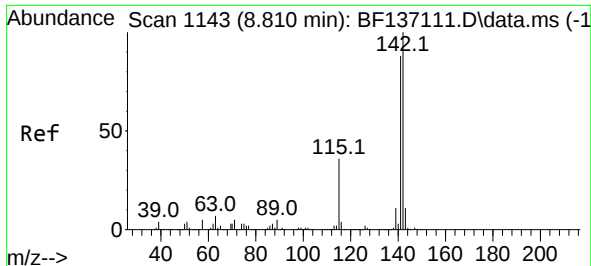
Ion Ratio Lower Upper

107 100

144 23.7 20.5 30.7

142 73.4 63.3 94.9





#37

2-Methylnaphthalene

Concen: 45.971 ng

RT: 8.810 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

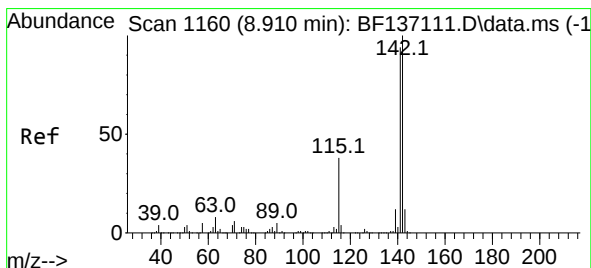
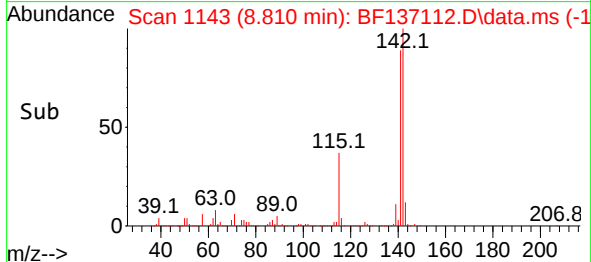
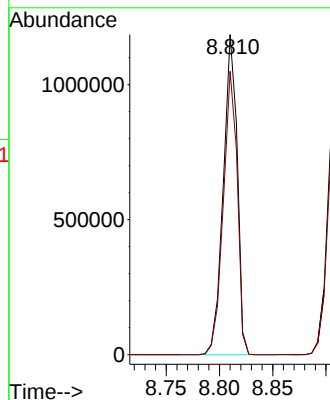
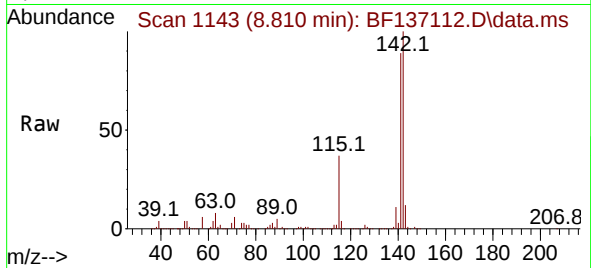
SSTDICC050

Tgt Ion:142 Resp: 1073438

Ion Ratio Lower Upper

142 100

141 88.6 70.7 106.1



#38

1-Methylnaphthalene

Concen: 45.678 ng

RT: 8.910 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF137112.D

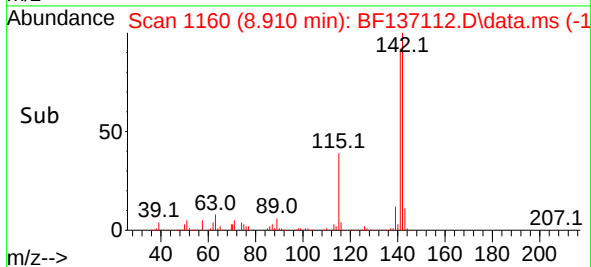
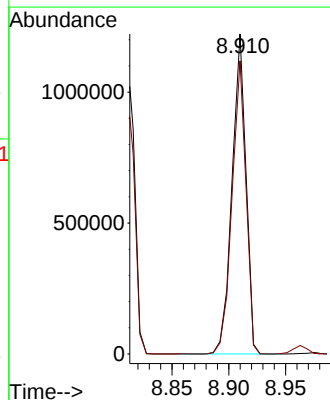
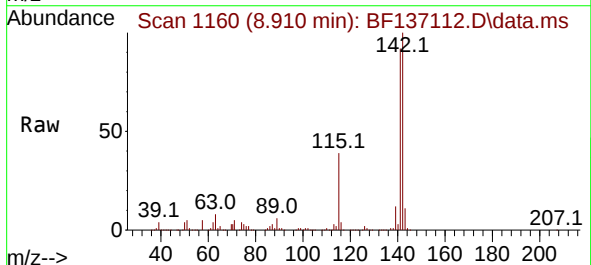
Acq: 19 Jan 2024 15:24

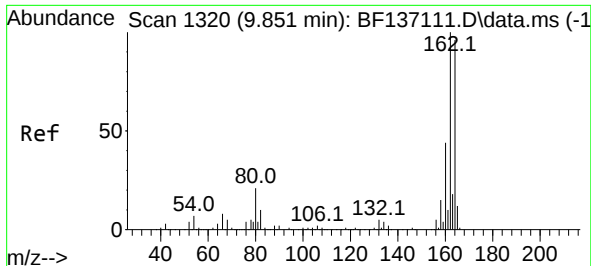
Tgt Ion:142 Resp: 1040402

Ion Ratio Lower Upper

142 100

141 91.6 74.8 112.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

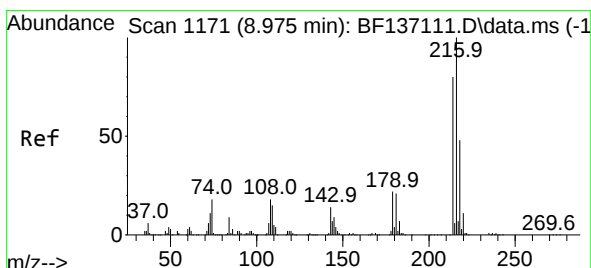
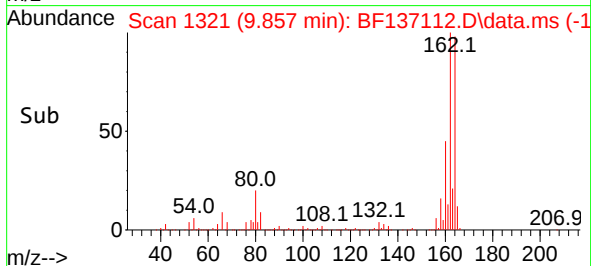
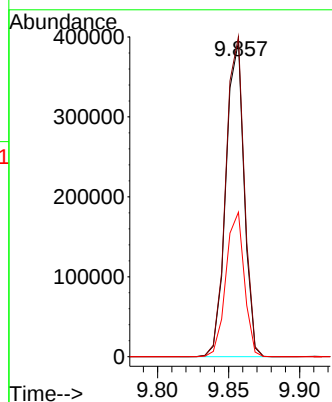
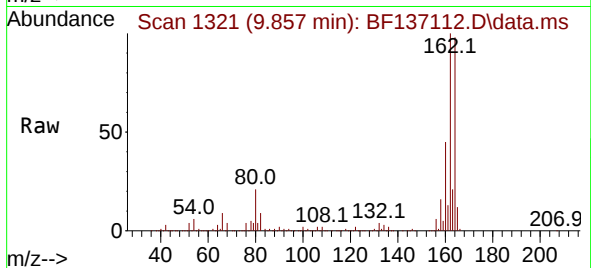
Tgt Ion:164 Resp: 350184

Ion Ratio Lower Upper

164 100

162 101.6 83.1 124.7

160 45.9 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.274 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Tgt Ion:216 Resp: 474264

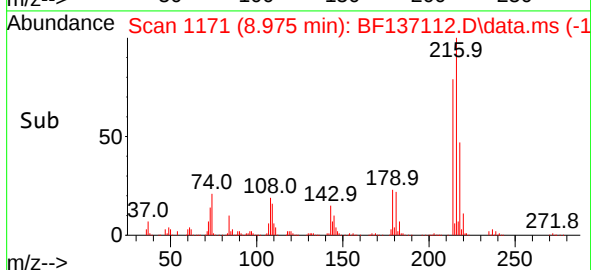
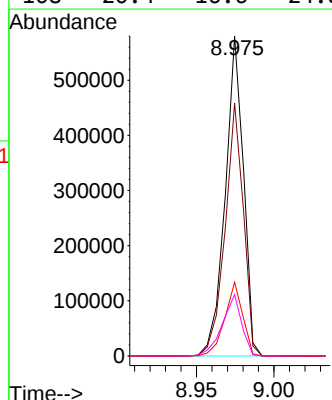
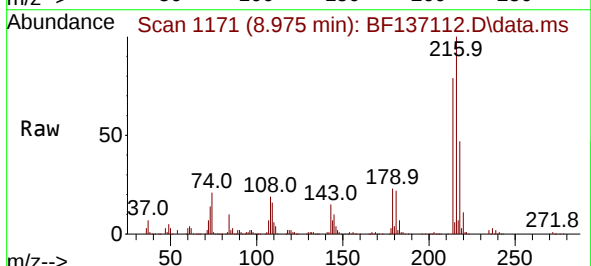
Ion Ratio Lower Upper

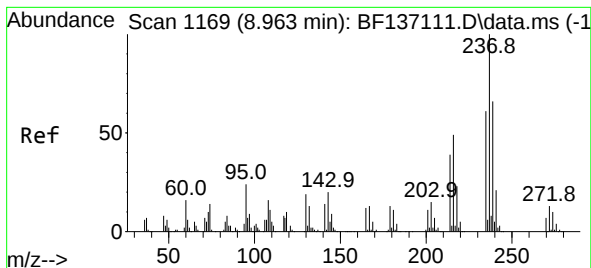
216 100

214 79.2 63.4 95.2

179 22.6 18.2 27.4

108 20.4 16.6 24.8





#41

Hexachlorocyclopentadiene

Concen: 50.076 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

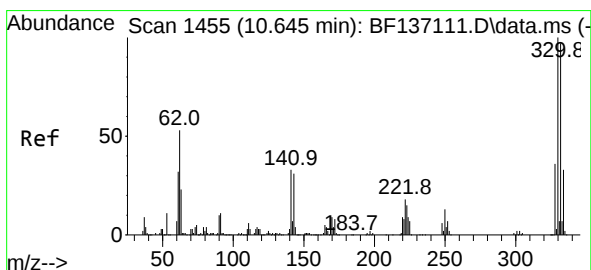
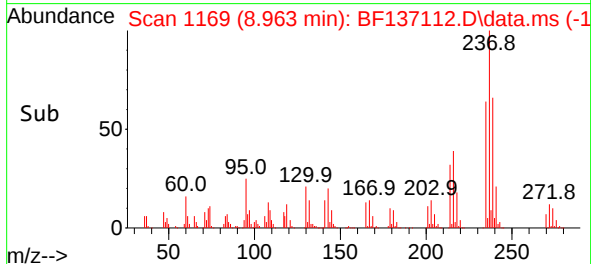
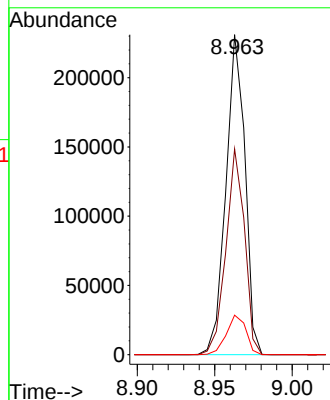
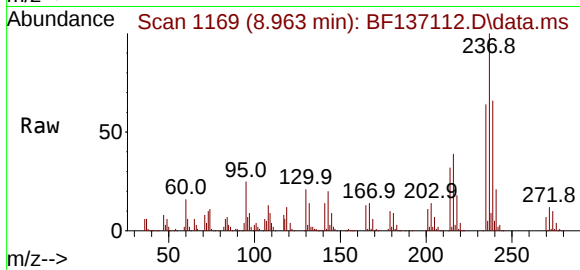
Tgt Ion:237 Resp: 197182

Ion Ratio Lower Upper

237 100

235 64.3 41.3 81.3

272 12.3 0.0 32.5



#42

2,4,6-Tribromophenol

Concen: 93.896 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

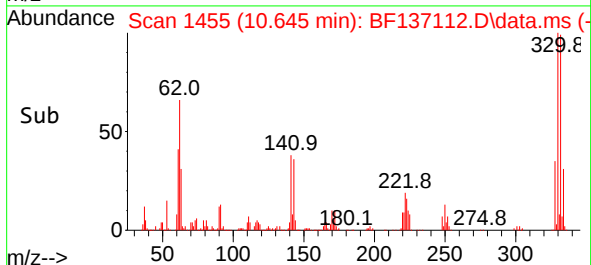
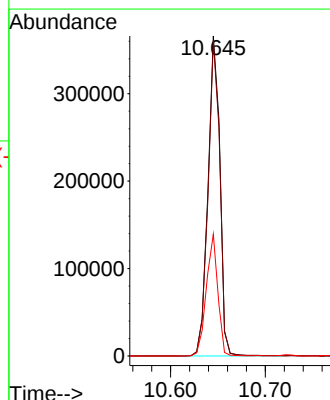
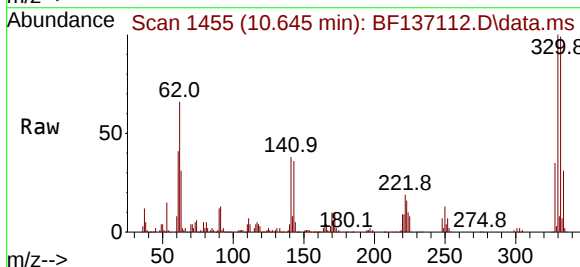
Tgt Ion:330 Resp: 318361

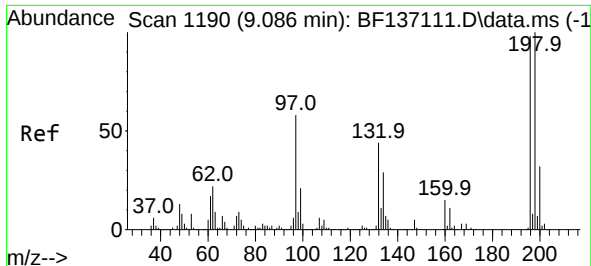
Ion Ratio Lower Upper

330 100

332 98.0 77.3 115.9

141 36.8 30.2 45.4

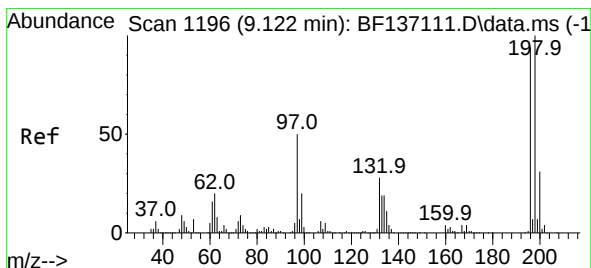
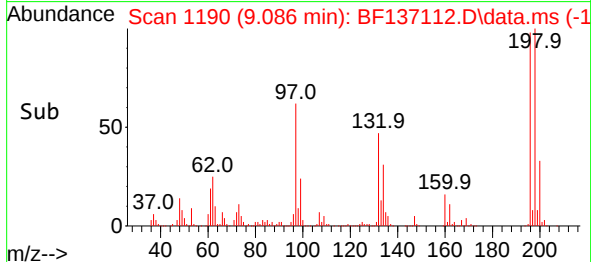
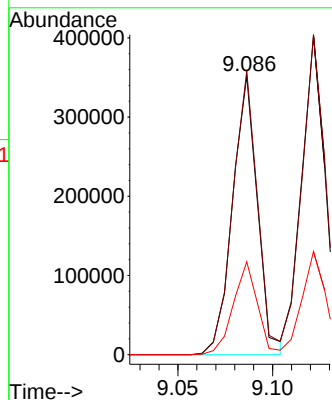
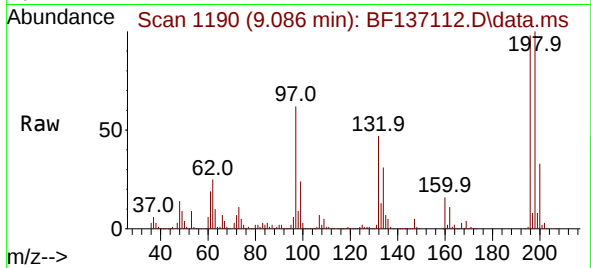




#43
2,4,6-Trichlorophenol
Concen: 48.209 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

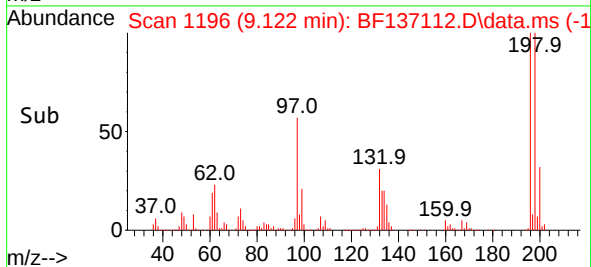
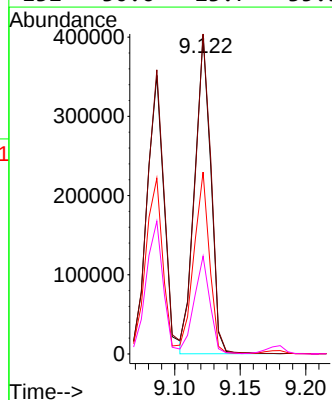
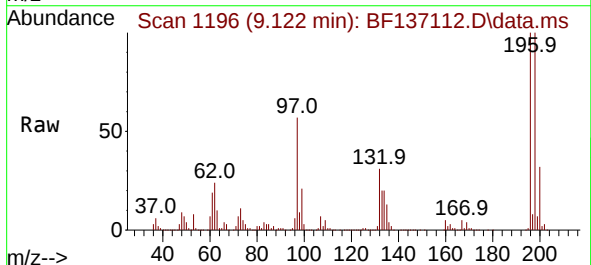
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

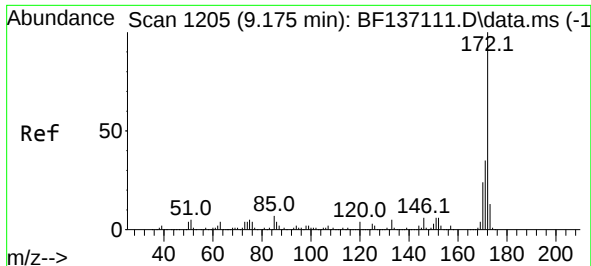
Tgt Ion:196 Resp: 321615
Ion Ratio Lower Upper
196 100
198 102.0 81.8 122.8
200 33.4 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 47.177 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion:196 Resp: 343073
Ion Ratio Lower Upper
196 100
198 100.3 84.6 126.8
97 57.0 41.8 62.8
132 30.6 23.7 35.5

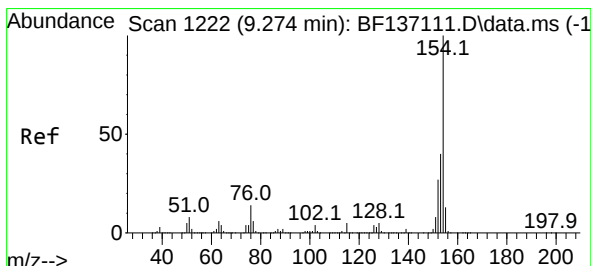
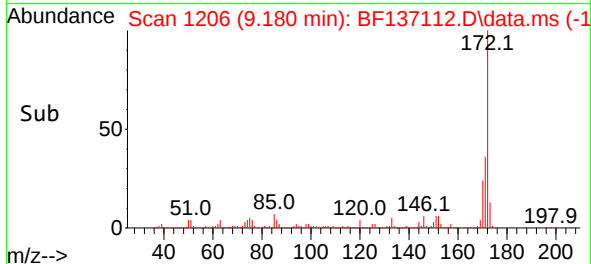
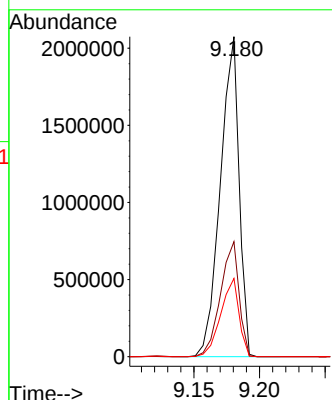
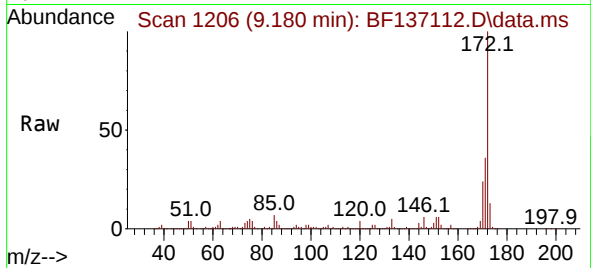




#45
2-Fluorobiphenyl
Concen: 88.283 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

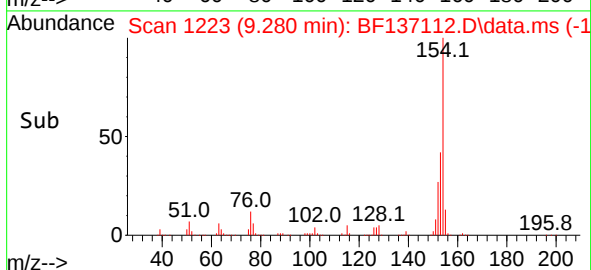
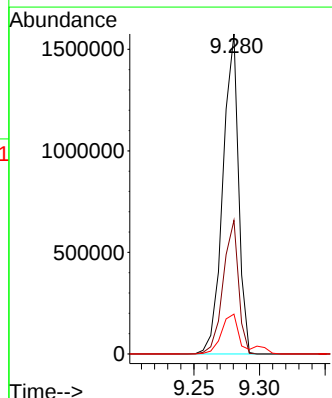
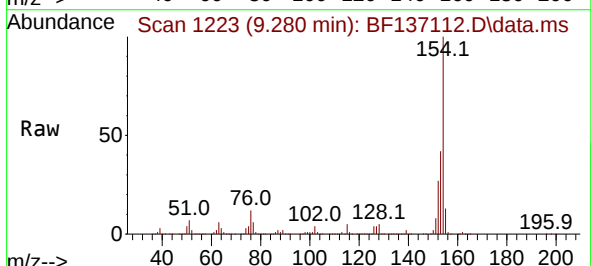
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

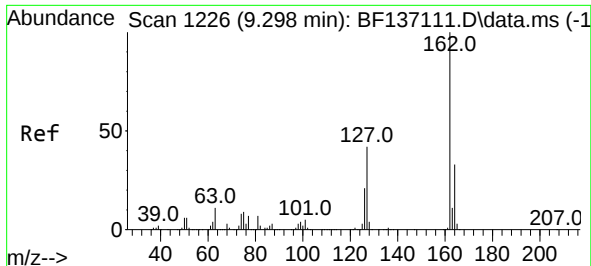
Tgt Ion:172 Resp: 2059801
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 24.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.705 ng
RT: 9.280 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion:154 Resp: 1302979
Ion Ratio Lower Upper
154 100
153 41.8 20.1 60.1
76 12.5 0.0 33.5





#47

2-Chloronaphthalene

Concen: 46.327 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

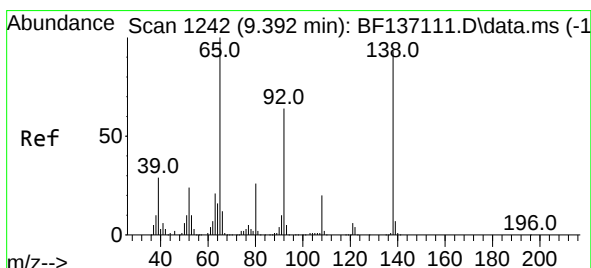
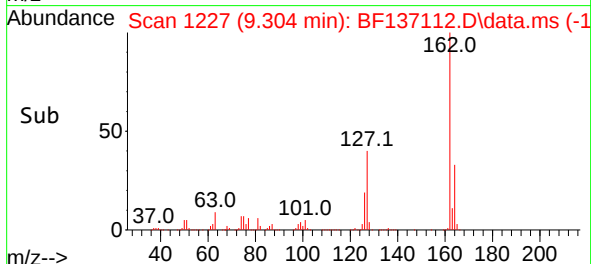
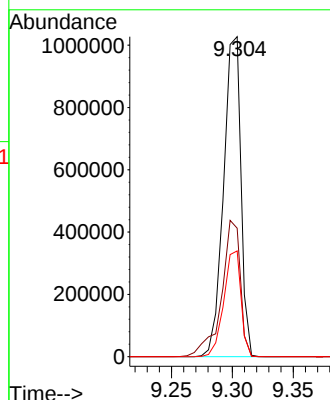
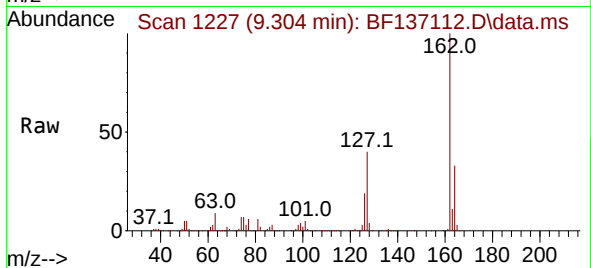
Tgt Ion:162 Resp: 1022808

Ion Ratio Lower Upper

162 100

127 40.1 33.8 50.8

164 33.1 26.4 39.6



#48

2-Nitroaniline

Concen: 54.528 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

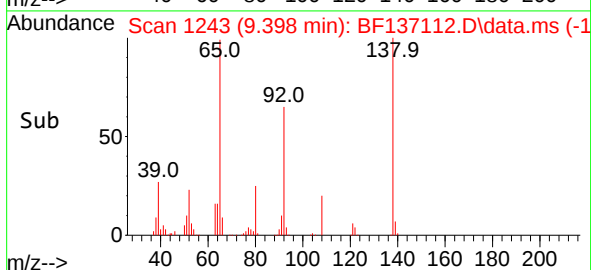
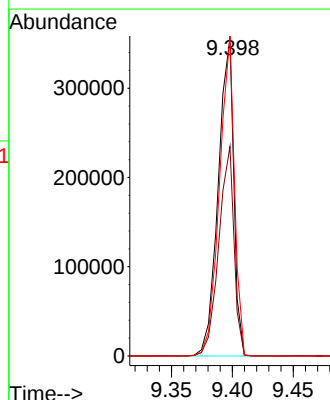
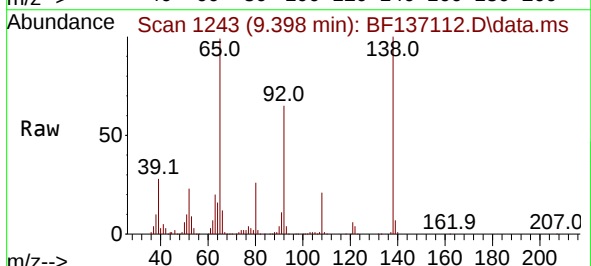
Tgt Ion: 65 Resp: 316223

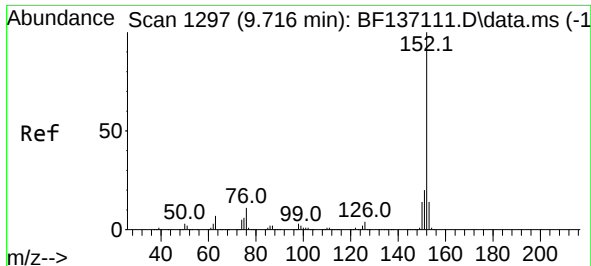
Ion Ratio Lower Upper

65 100

92 66.0 51.1 76.7

138 100.8 74.2 111.4





#49

Acenaphthylene

Concen: 46.400 ng

RT: 9.716 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

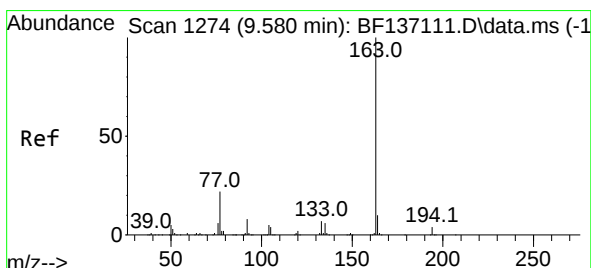
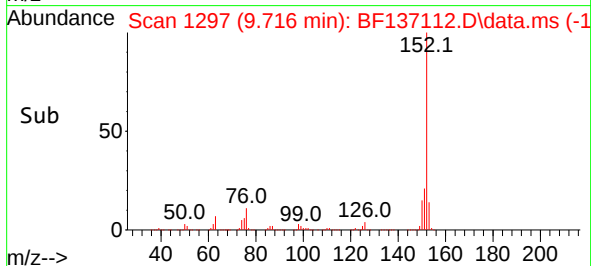
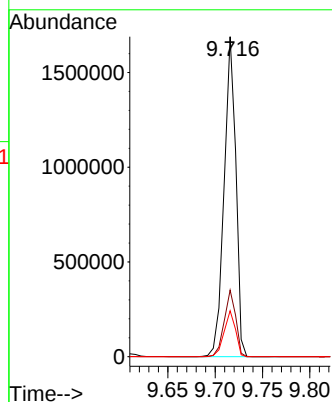
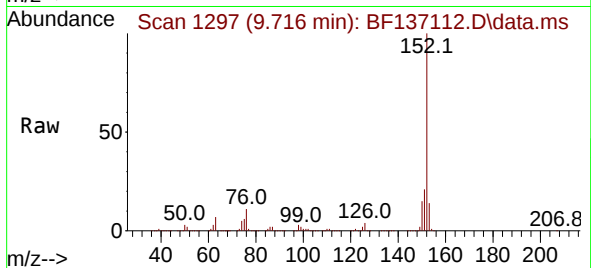
Tgt Ion:152 Resp: 1458784

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.2

153 14.3 11.0 16.6



#50

Dimethylphthalate

Concen: 46.347 ng

RT: 9.586 min Scan# 1275

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

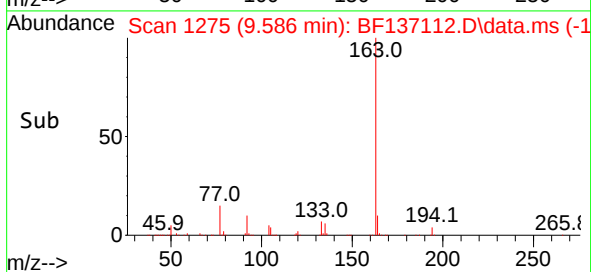
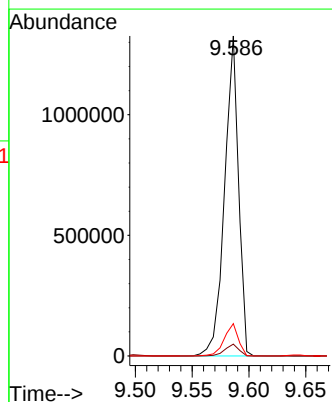
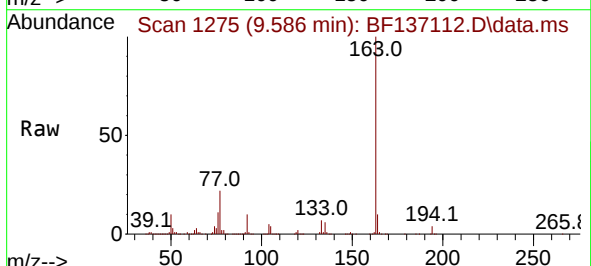
Tgt Ion:163 Resp: 1135534

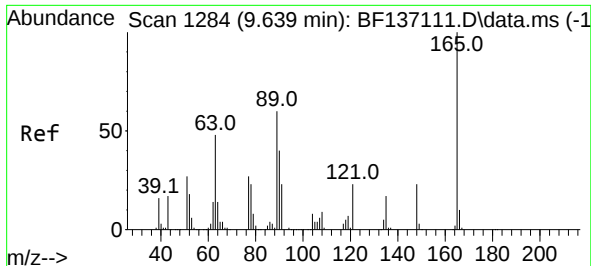
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.1 8.3 12.5

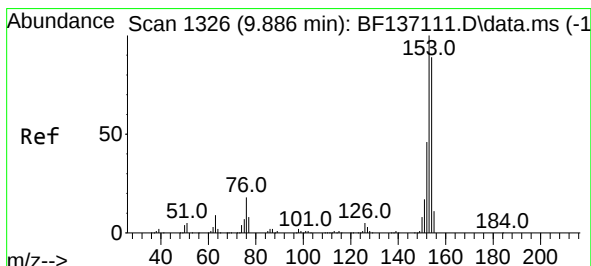
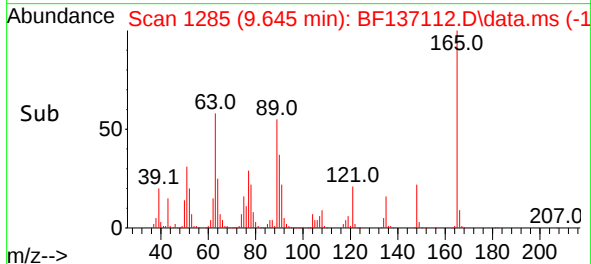
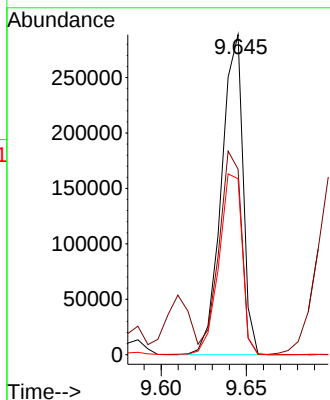
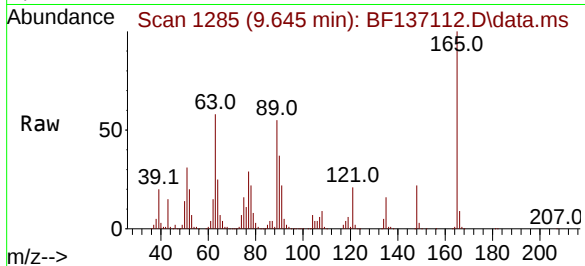




#51
2,6-Dinitrotoluene
Concen: 52.082 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

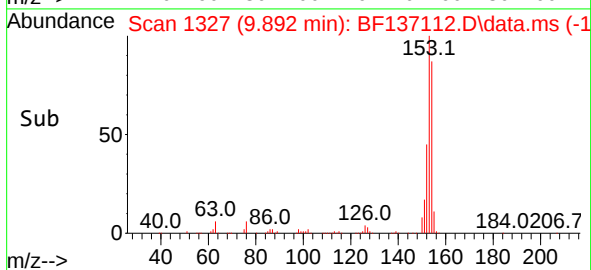
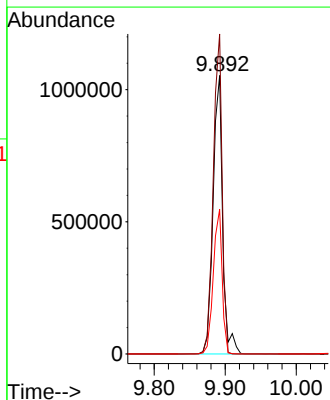
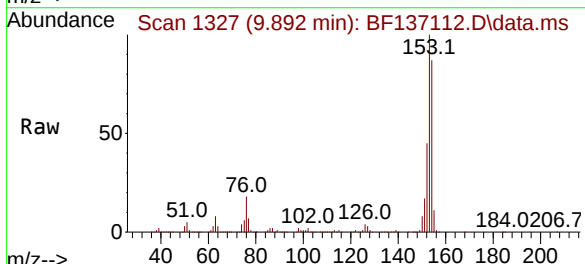
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

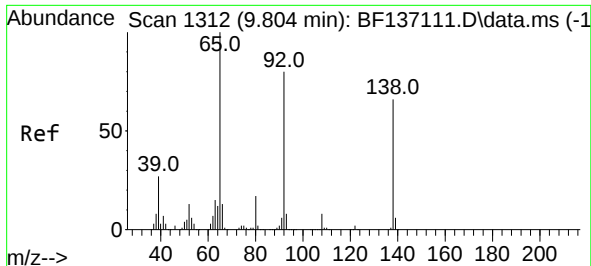
Tgt Ion:165 Resp: 254369
Ion Ratio Lower Upper
165 100
63 58.0 50.8 76.2
89 55.0 48.1 72.1



#52
Acenaphthene
Concen: 46.168 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion:154 Resp: 985445
Ion Ratio Lower Upper
154 100
153 114.9 89.9 134.9
152 52.0 41.1 61.7

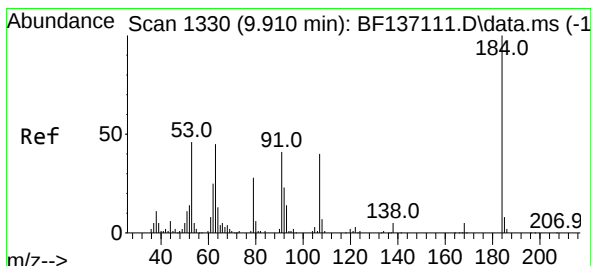
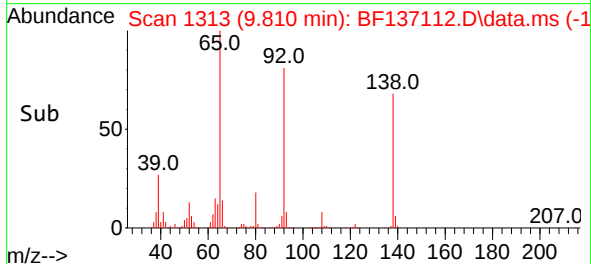
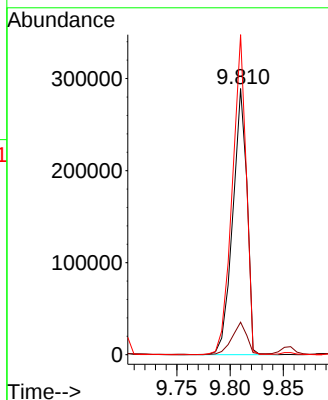
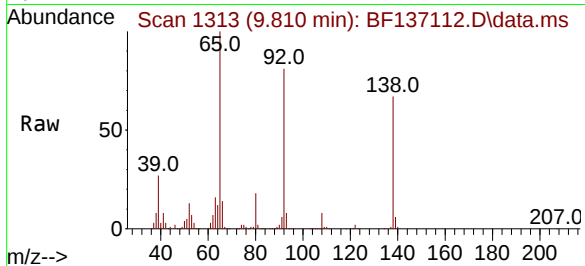




#53
3-Nitroaniline
Concen: 51.539 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

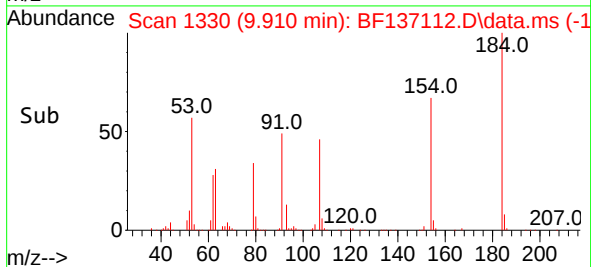
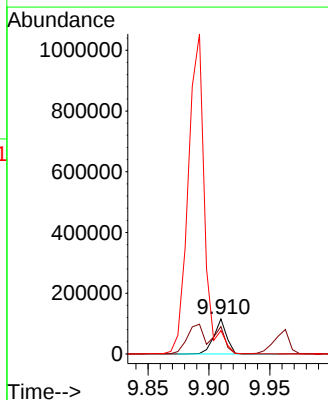
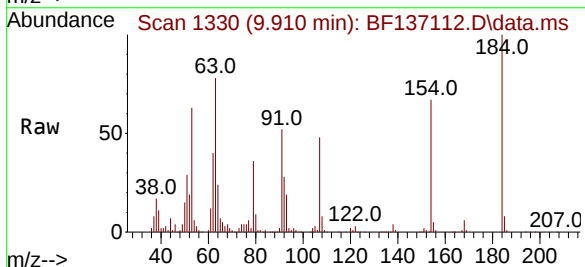
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

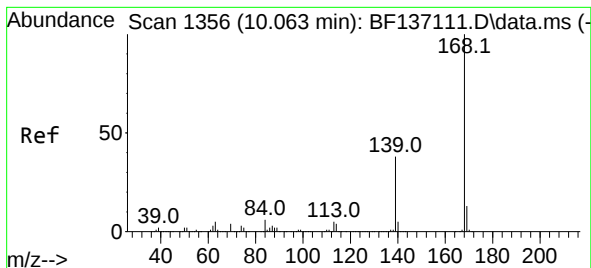
Tgt Ion:138 Resp: 268341
Ion Ratio Lower Upper
138 100
108 12.2 10.1 15.1
92 120.3 96.8 145.2



#54
2,4-Dinitrophenol
Concen: 47.320 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion:184 Resp: 83908
Ion Ratio Lower Upper
184 100
63 78.1 47.8 71.8#
154 66.7 49.2 73.8





#55

Dibenzenofuran

Concen: 45.499 ng

RT: 10.063 min Scan# 1356

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

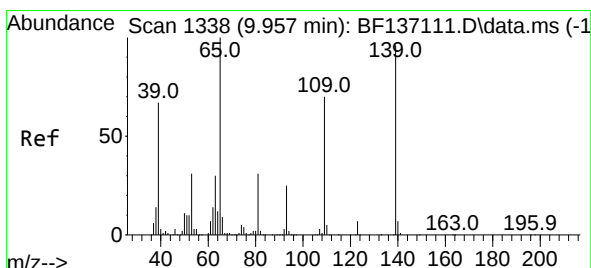
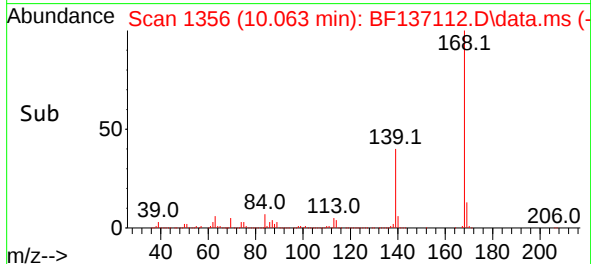
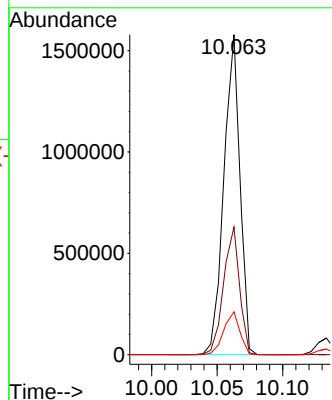
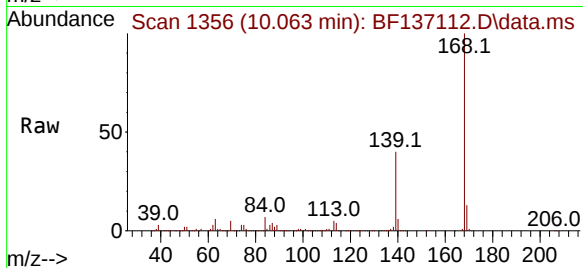
Tgt Ion:168 Resp: 1344206

Ion Ratio Lower Upper

168 100

139 39.9 30.6 45.8

169 13.4 10.6 16.0



#56

4-Nitrophenol

Concen: 51.543 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

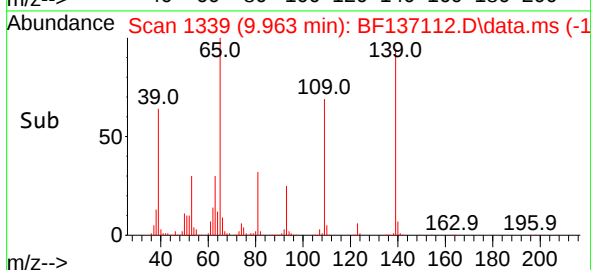
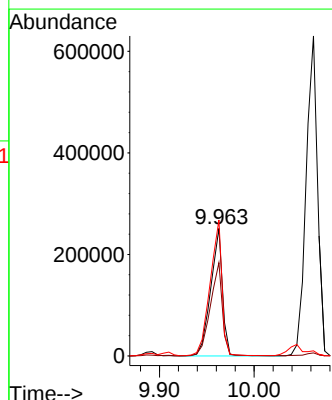
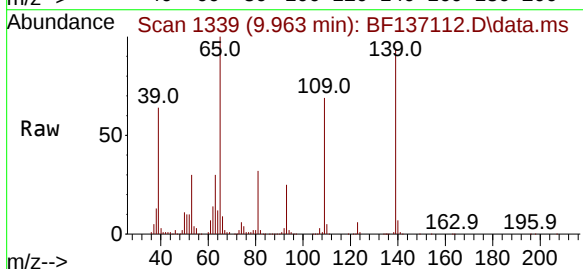
Tgt Ion:139 Resp: 217760

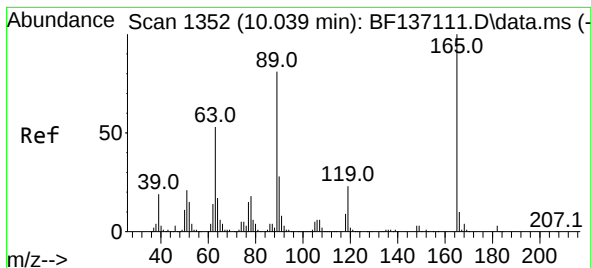
Ion Ratio Lower Upper

139 100

109 73.1 53.4 93.4

65 106.6 84.7 124.7

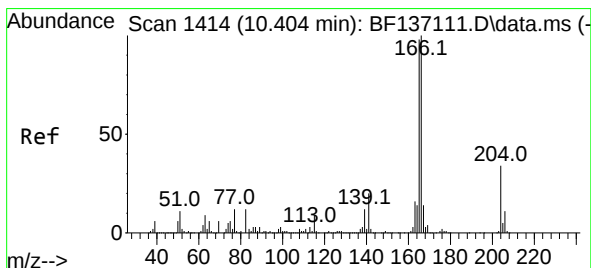
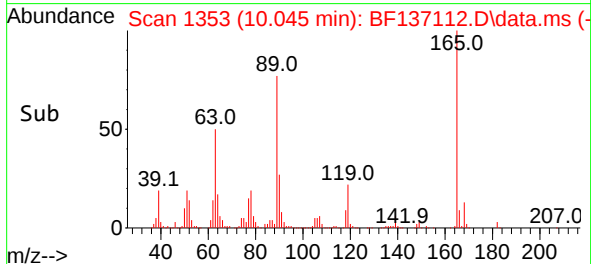
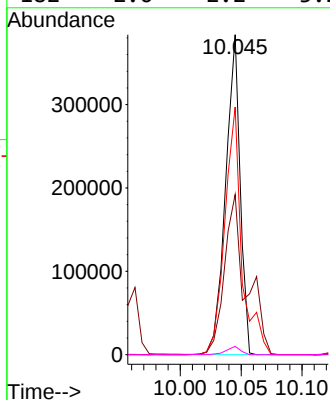
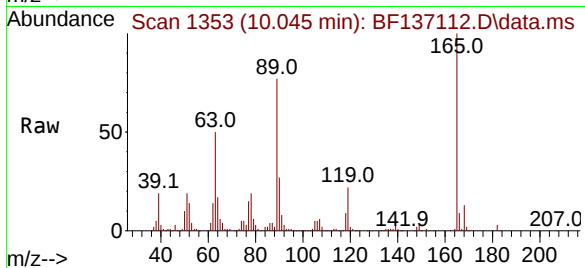




#57
2,4-Dinitrotoluene
Concen: 54.790 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

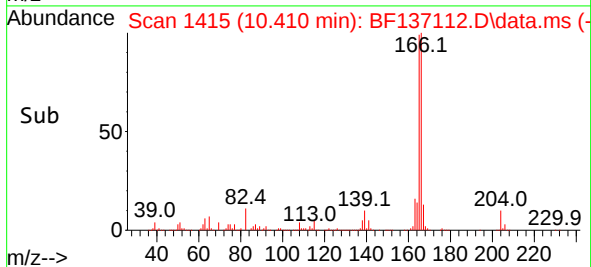
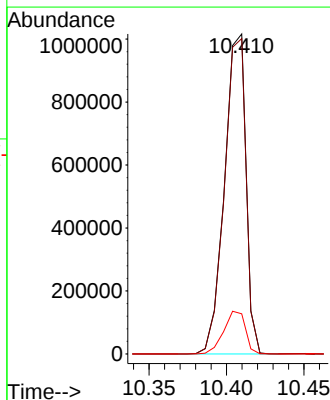
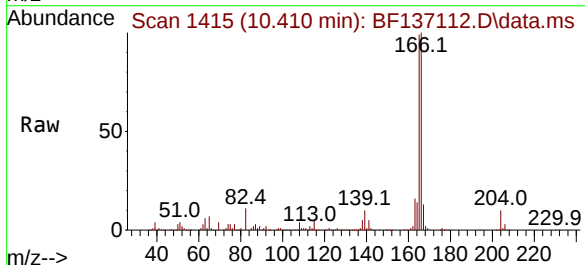
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

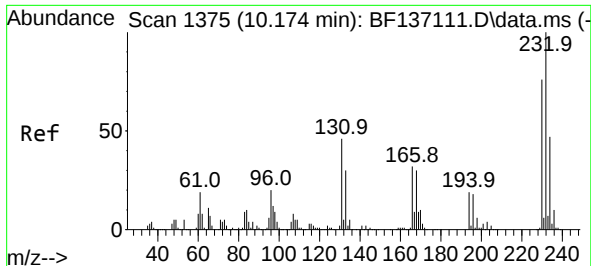
Tgt Ion:165 Resp: 320008
Ion Ratio Lower Upper
165 100
63 50.1 42.3 63.5
89 77.4 65.0 97.4
182 2.6 2.2 3.2



#58
Fluorene
Concen: 44.088 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion:166 Resp: 980377
Ion Ratio Lower Upper
166 100
165 98.6 78.5 117.7
167 12.6 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.275 ng

RT: 10.175 min Scan# 1375

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 261032

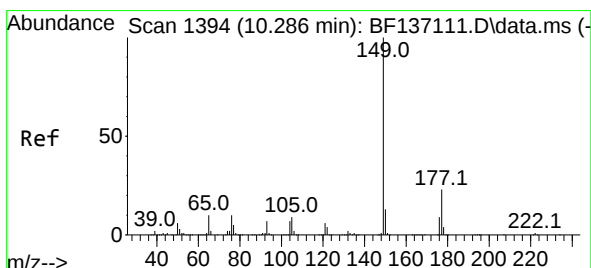
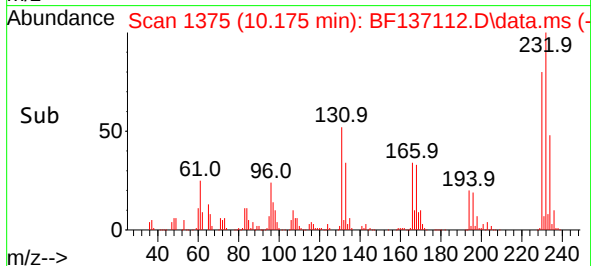
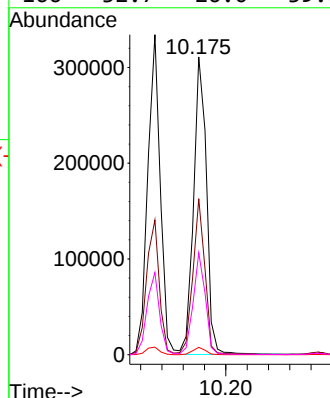
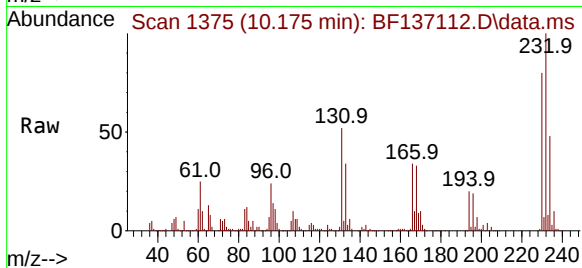
Ion Ratio Lower Upper

232 100

131 48.8 38.4 57.6

130 2.4 1.9 2.9

166 32.7 26.0 39.0



#60

Diethylphthalate

Concen: 47.143 ng

RT: 10.286 min Scan# 1394

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

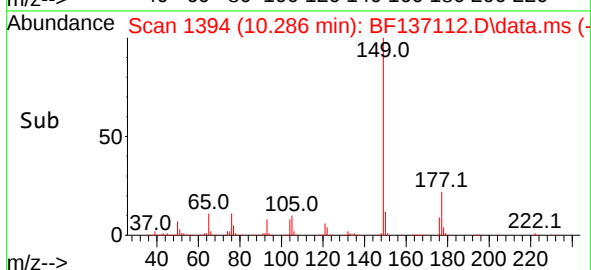
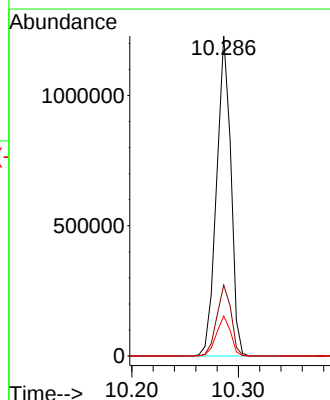
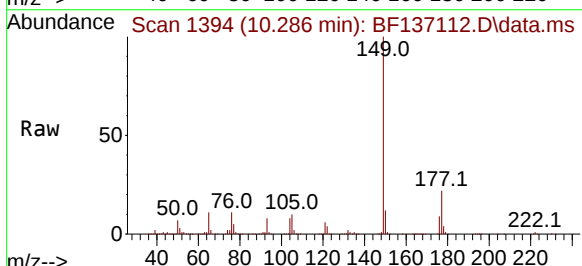
Tgt Ion:149 Resp: 1136801

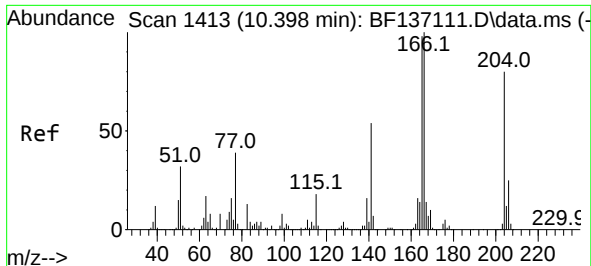
Ion Ratio Lower Upper

149 100

177 22.2 18.1 27.1

150 12.5 10.1 15.1

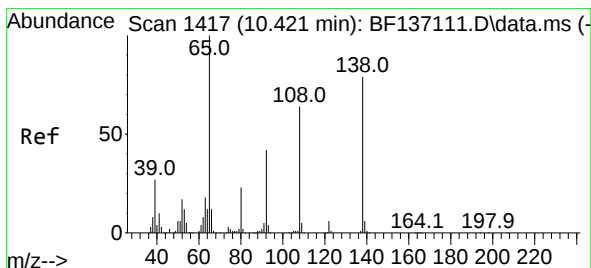
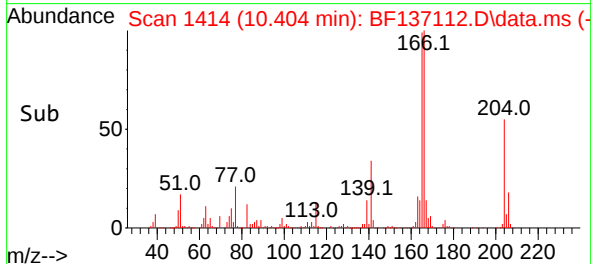
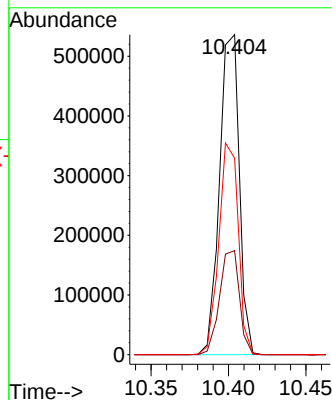
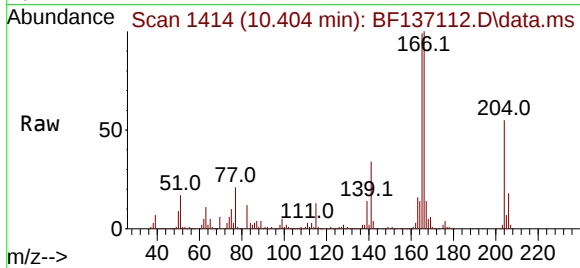




#61
4-Chlorophenyl-phenylether
Concen: 44.227 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

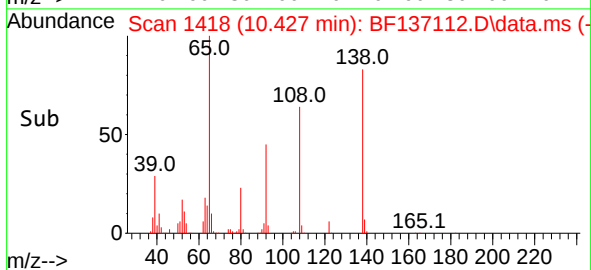
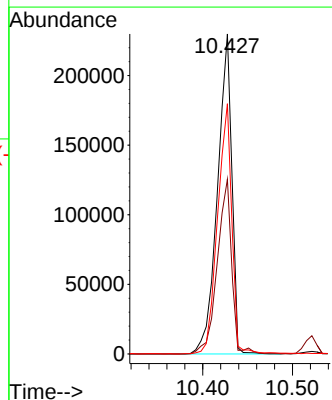
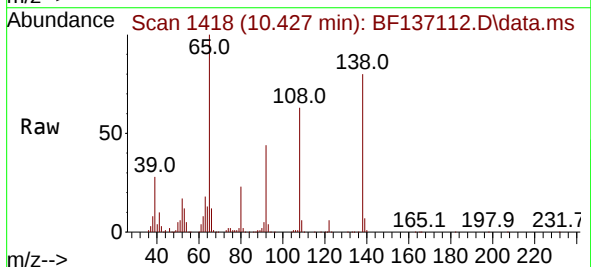
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

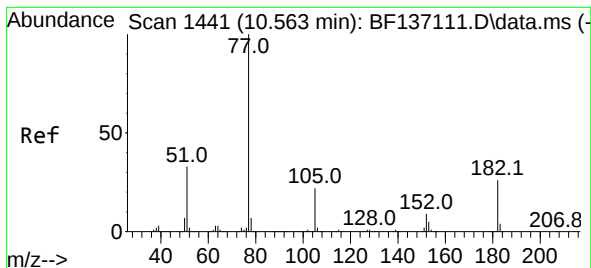
Tgt Ion:204 Resp: 477296
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.2
141 61.4 54.4 81.6



#62
4-Nitroaniline
Concen: 51.419 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion:138 Resp: 255215
Ion Ratio Lower Upper
138 100
92 54.6 33.1 73.1
108 78.2 60.6 100.6





#63

Azobenzene

Concen: 46.760 ng

RT: 10.563 min Scan# 1441

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 1180197

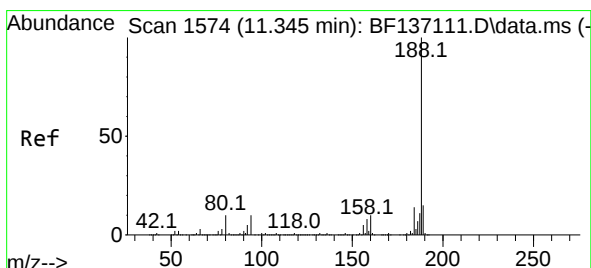
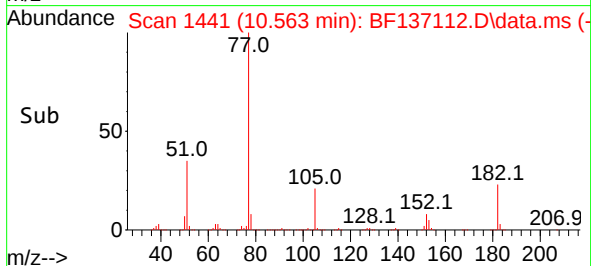
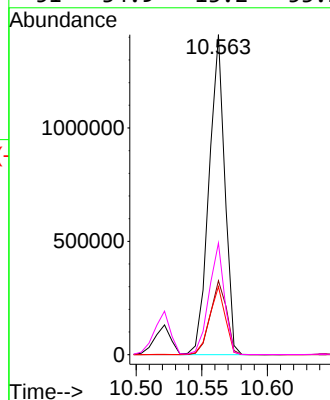
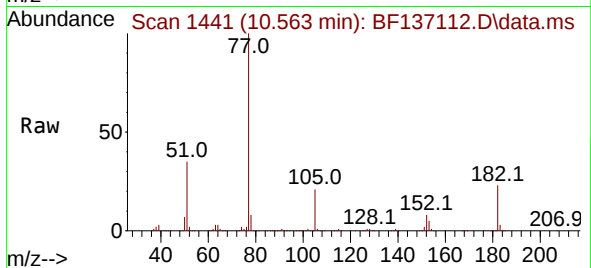
Ion Ratio Lower Upper

77 100

182 23.1 6.1 46.1

105 21.3 2.2 42.2

51 34.9 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

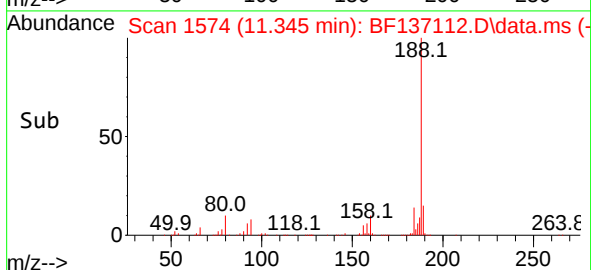
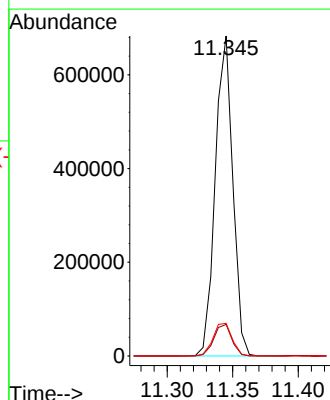
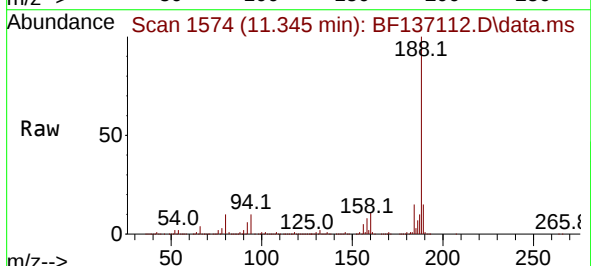
Tgt Ion:188 Resp: 633095

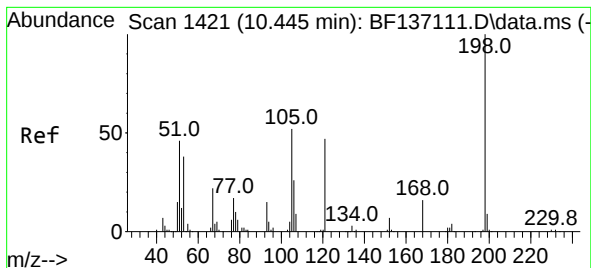
Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

80 10.2 8.2 12.2

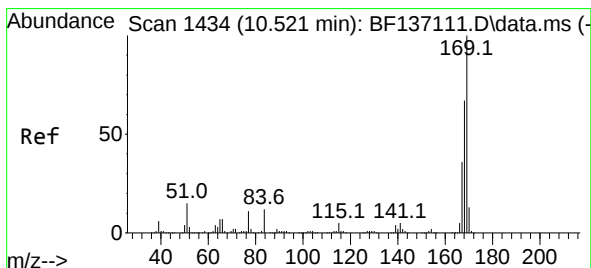
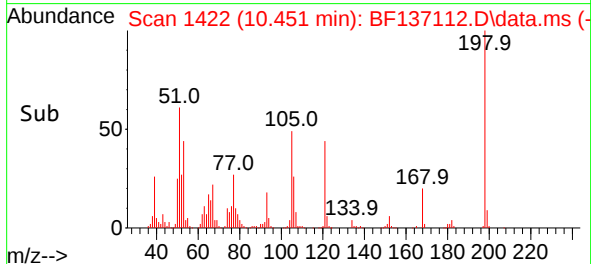
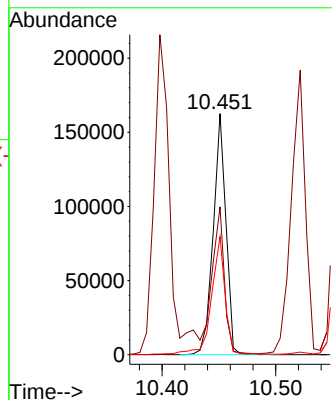
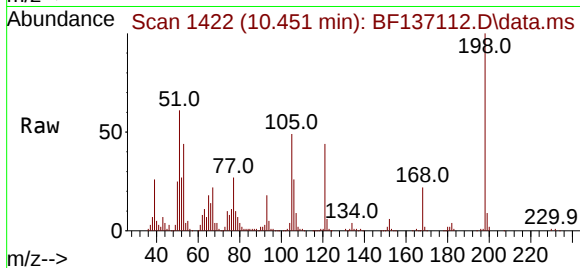




#65
4,6-Dinitro-2-methylphenol
Concen: 47.030 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

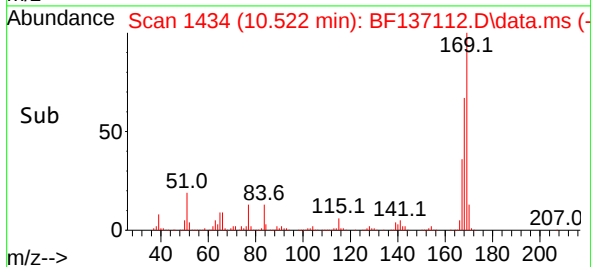
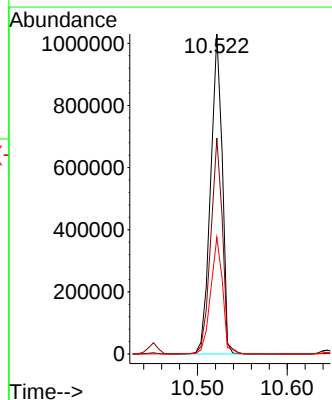
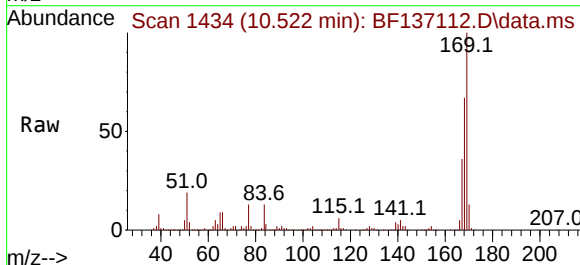
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

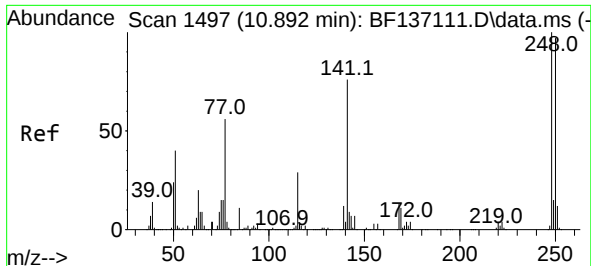
Tgt Ion:198 Resp: 125951
Ion Ratio Lower Upper
198 100
51 61.3 44.4 84.4
105 49.0 33.6 73.6



#66
n-Nitrosodiphenylamine
Concen: 45.610 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion:169 Resp: 921896
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.0
167 36.5 28.8 43.2

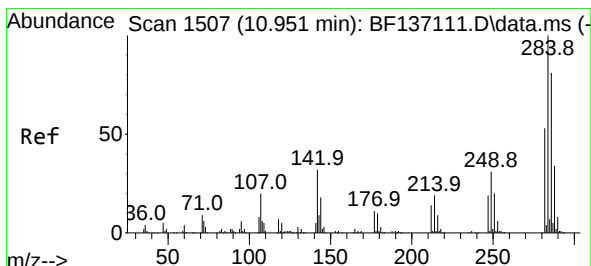
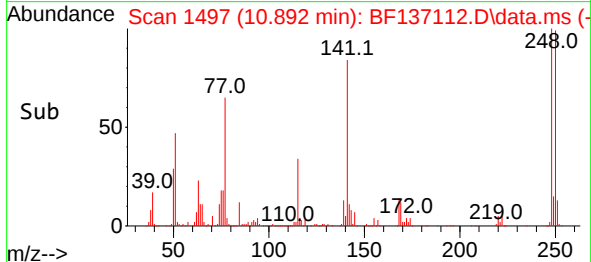
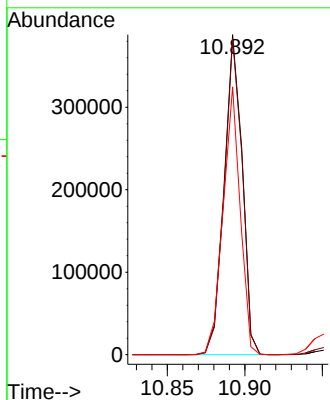
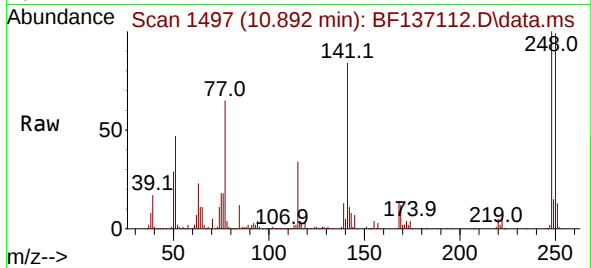




#67
4-Bromophenyl-phenylether
Concen: 46.097 ng
RT: 10.892 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

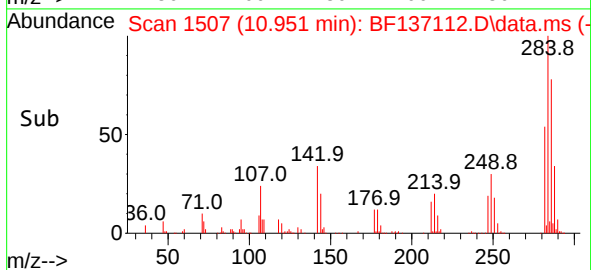
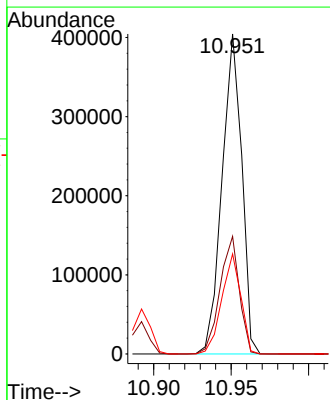
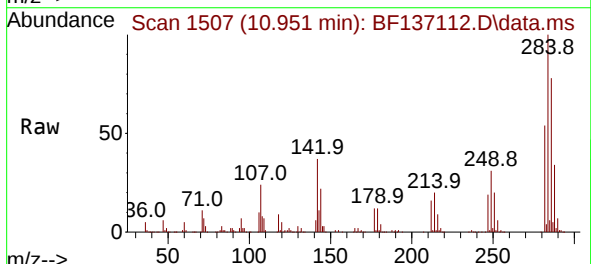
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

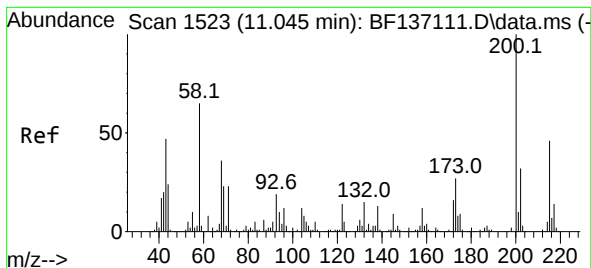
Tgt Ion:248 Resp: 315388
Ion Ratio Lower Upper
248 100
250 98.9 77.3 115.9
141 83.7 61.2 91.8



#68
Hexachlorobenzene
Concen: 46.246 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion:284 Resp: 356956
Ion Ratio Lower Upper
284 100
142 36.7 25.8 38.8
249 31.2 24.4 36.6





#69

Atrazine

Concen: 35.387 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

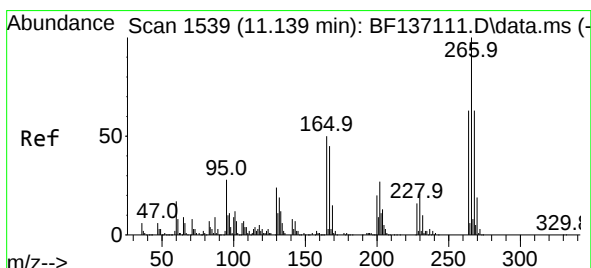
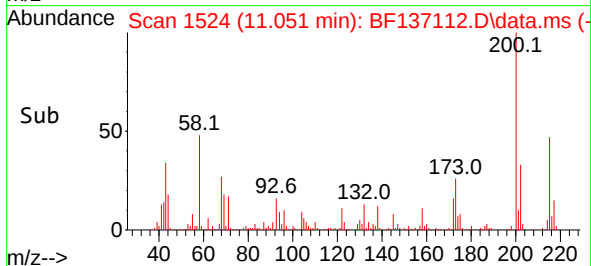
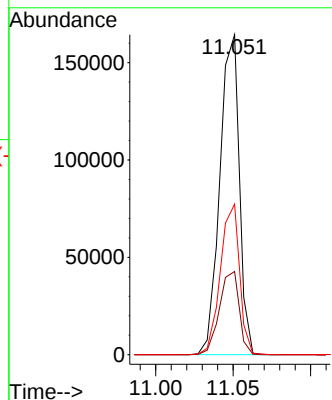
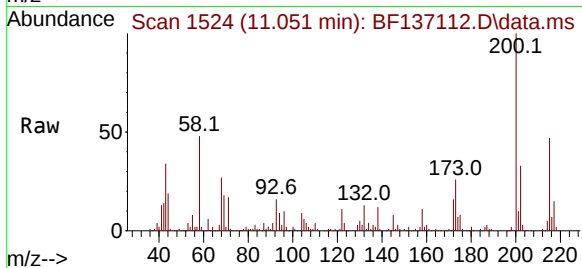
Tgt Ion:200 Resp: 143672

Ion Ratio Lower Upper

200 100

173 26.0 6.8 46.8

215 47.1 25.9 65.9



#70

Pentachlorophenol

Concen: 48.054 ng

RT: 11.145 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

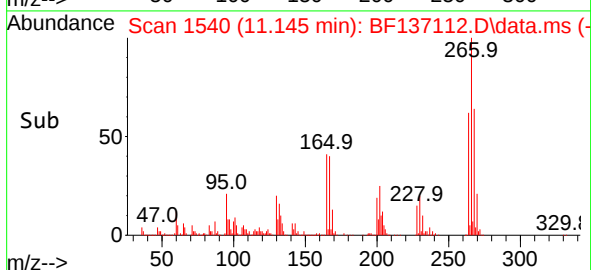
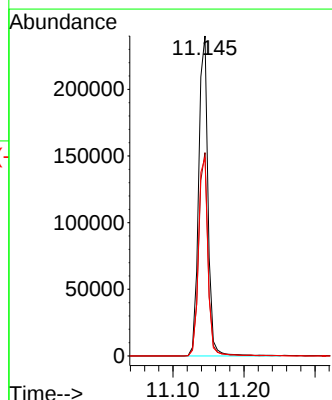
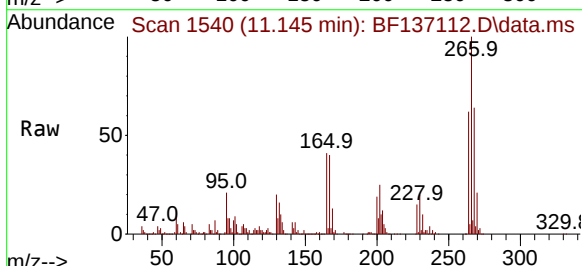
Tgt Ion:266 Resp: 219294

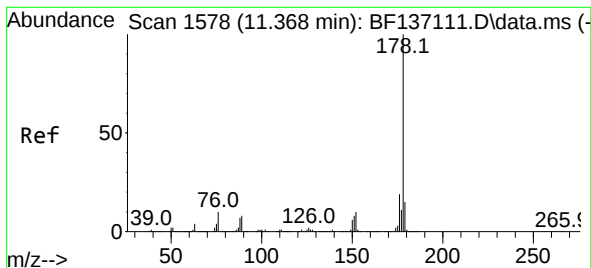
Ion Ratio Lower Upper

266 100

268 63.6 50.7 76.1

264 62.0 50.1 75.1





#71

Phenanthrene

Concen: 45.109 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

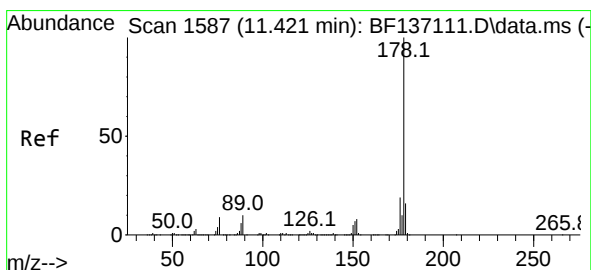
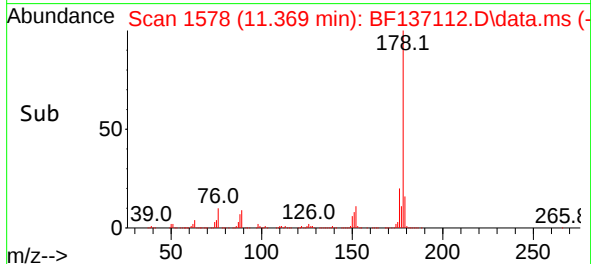
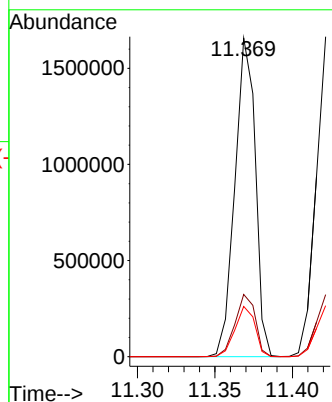
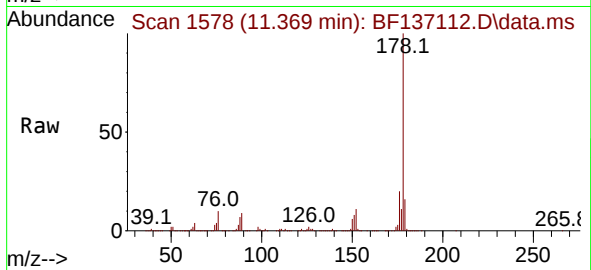
Tgt Ion:178 Resp: 1521715

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.8 12.3 18.5



#72

Anthracene

Concen: 45.402 ng

RT: 11.421 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

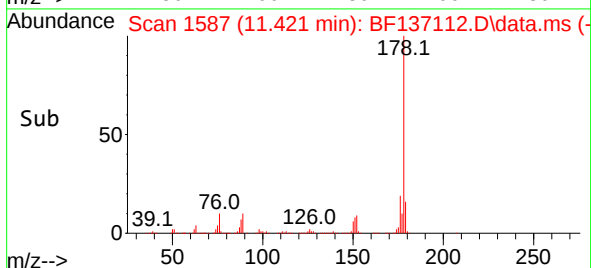
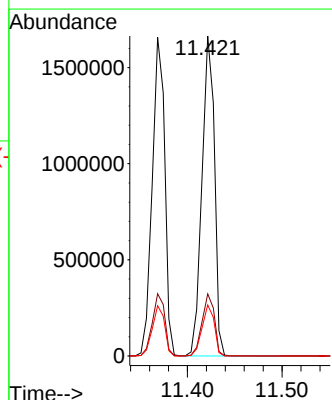
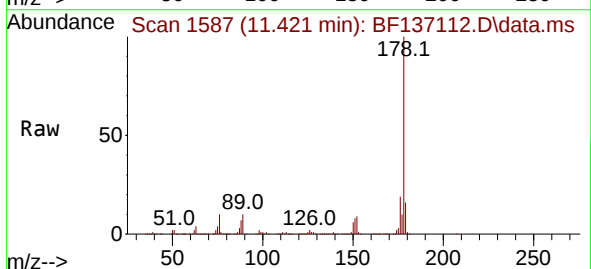
Tgt Ion:178 Resp: 1525702

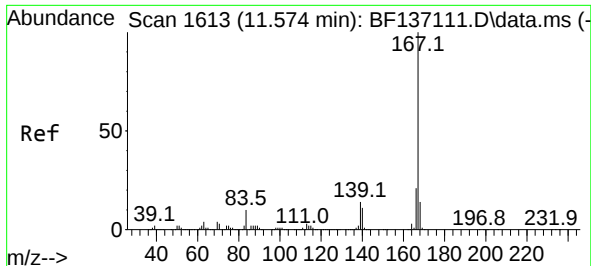
Ion Ratio Lower Upper

178 100

176 19.4 14.9 22.3

179 15.9 12.4 18.6

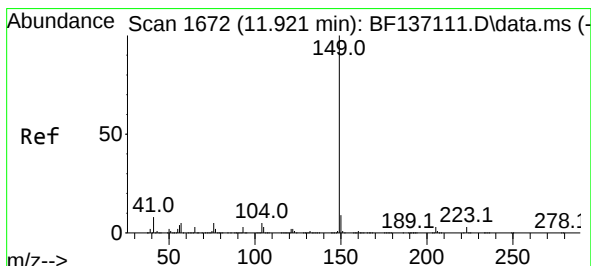
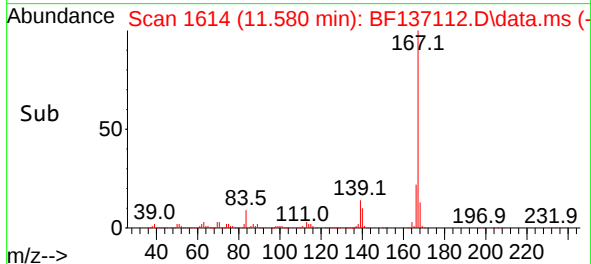
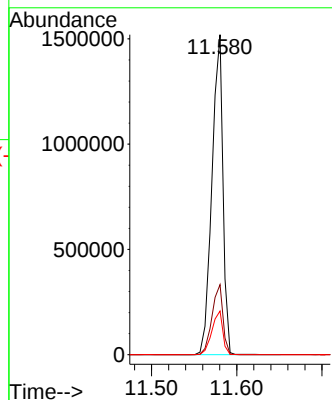
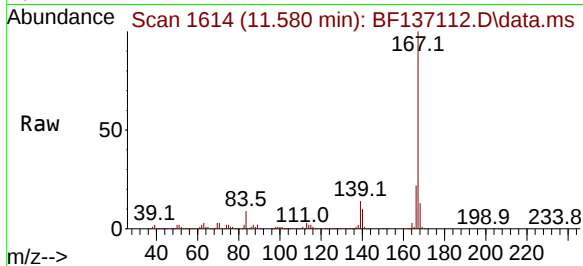




#73
Carbazole
Concen: 44.701 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.006 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

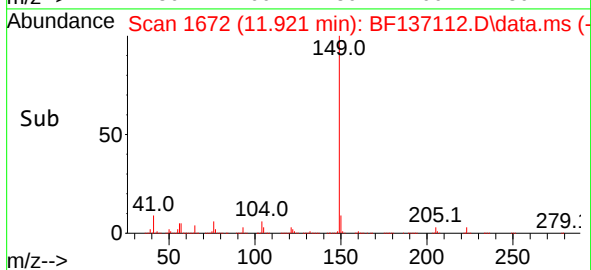
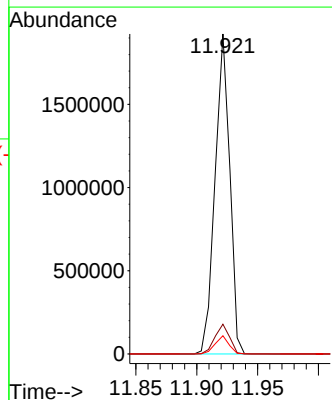
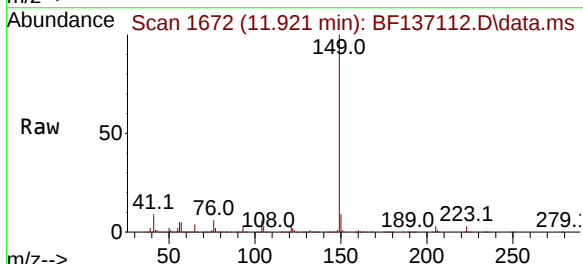
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

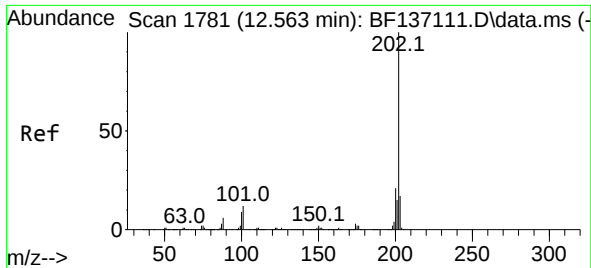
Tgt Ion:167 Resp: 1362453
Ion Ratio Lower Upper
167 100
166 21.9 17.1 25.7
139 13.7 11.0 16.4



#74
Di-n-butylphthalate
Concen: 46.250 ng
RT: 11.921 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion:149 Resp: 1616063
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.7 4.1 6.1

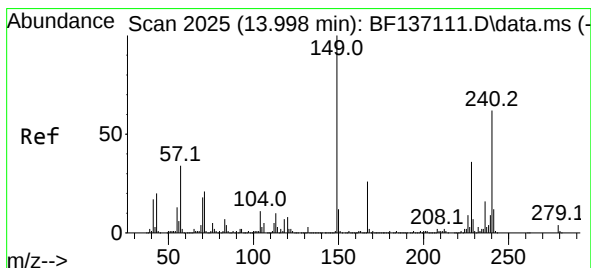
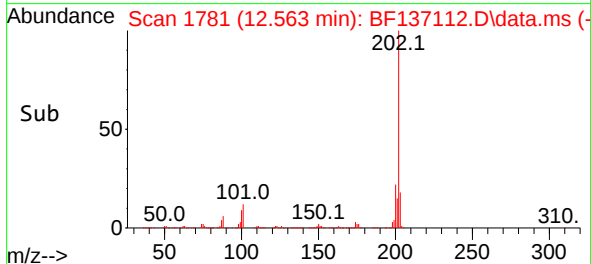
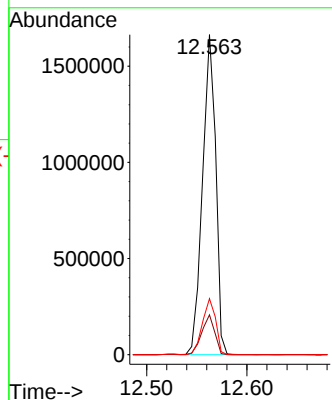
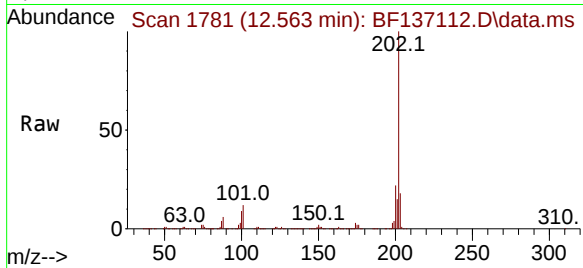




#75
Fluoranthene
Concen: 44.411 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

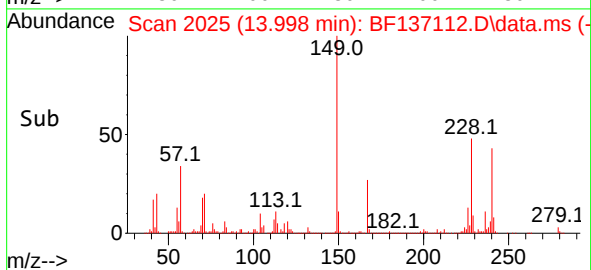
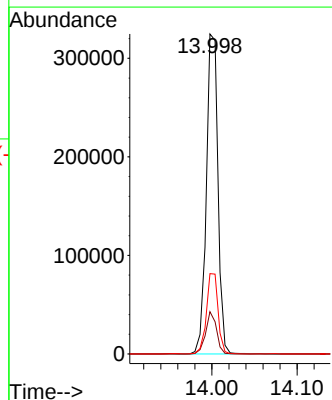
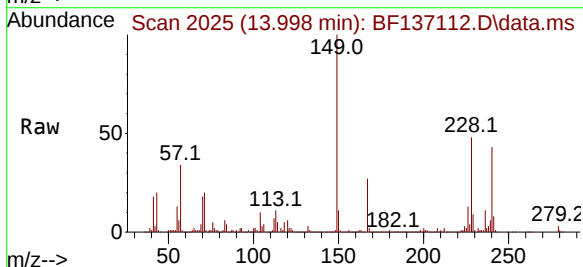
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

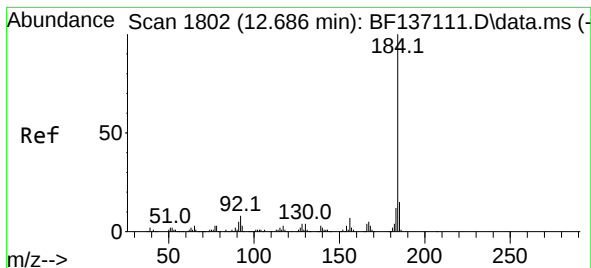
Tgt Ion:202 Resp: 1526045
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.6
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF137112.D
Acq: 19 Jan 2024 15:24

Tgt Ion:240 Resp: 306831
Ion Ratio Lower Upper
240 100
120 13.2 10.3 15.5
236 25.1 20.1 30.1





#77

Benzidine

Concen: 65.828 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

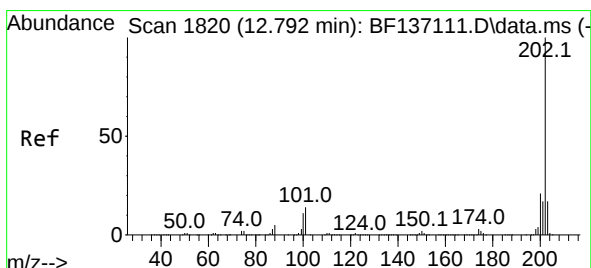
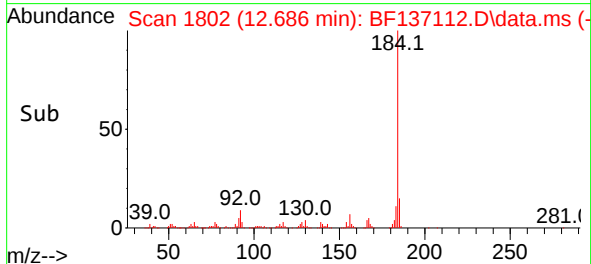
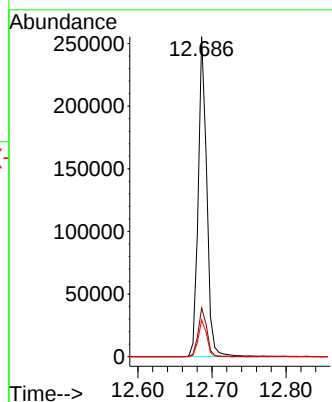
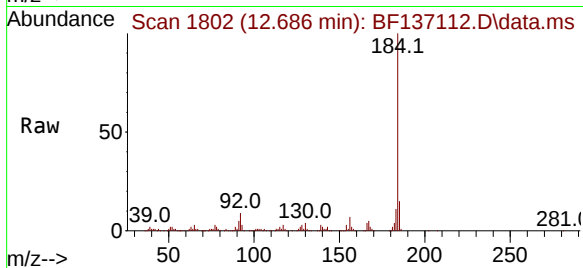
Tgt Ion:184 Resp: 203894

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

183 11.4 9.2 13.8



#78

Pyrene

Concen: 50.399 ng

RT: 12.792 min Scan# 1820

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

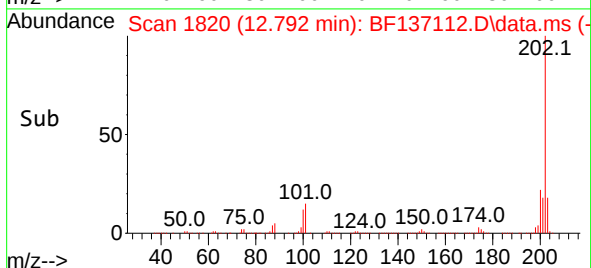
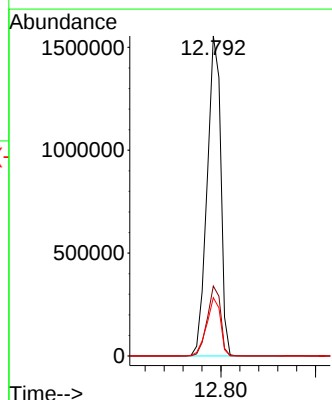
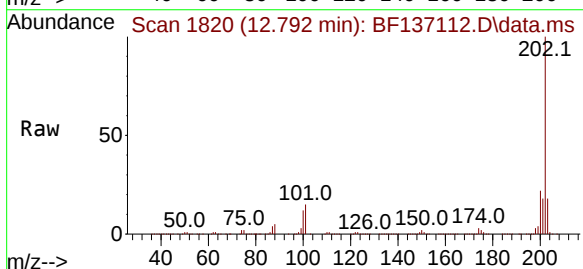
Tgt Ion:202 Resp: 1543888

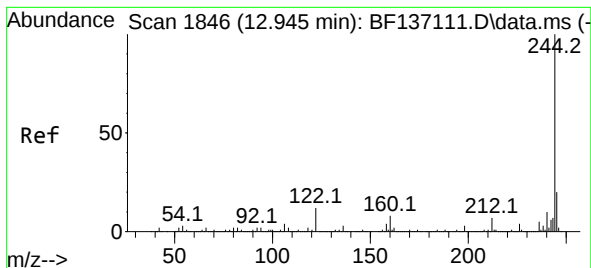
Ion Ratio Lower Upper

202 100

200 21.8 16.8 25.2

203 18.2 13.8 20.6





#79

Terphenyl-d14

Concen: 97.065 ng

RT: 12.945 min Scan# 1846

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

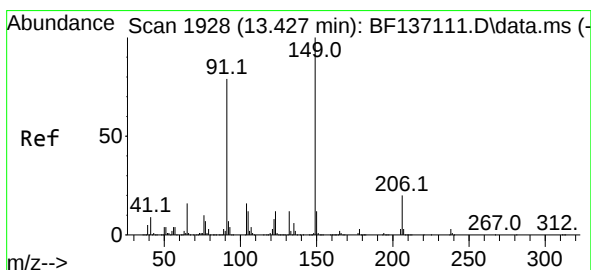
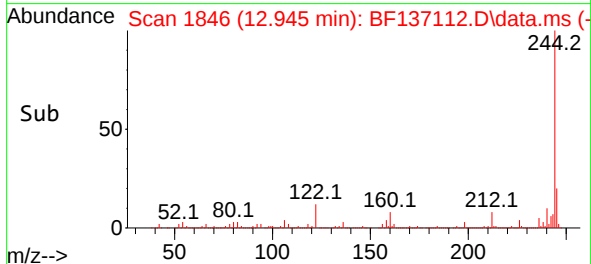
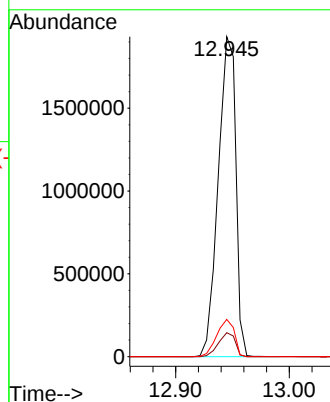
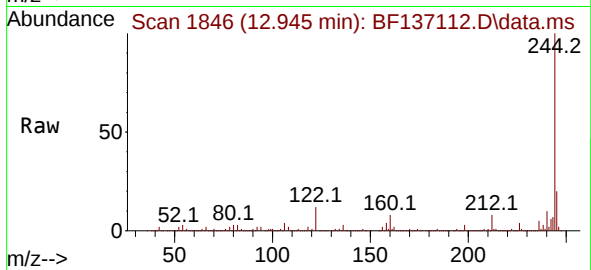
Tgt Ion:244 Resp: 2083559

Ion Ratio Lower Upper

244 100

212 7.5 5.6 8.4

122 11.7 9.4 14.2



#80

Butylbenzylphthalate

Concen: 53.278 ng

RT: 13.427 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

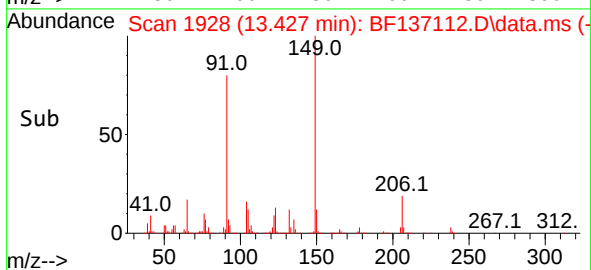
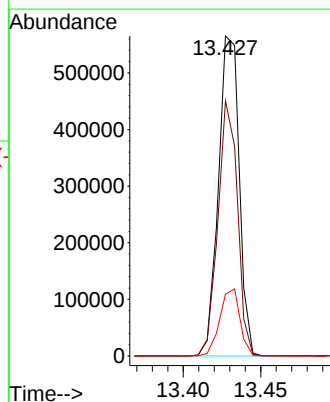
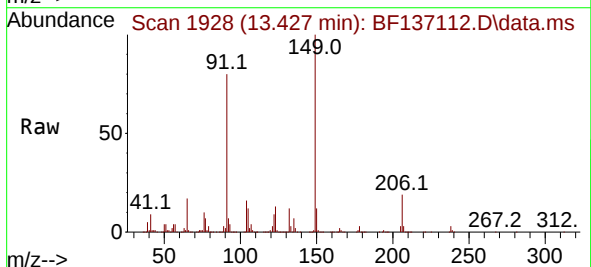
Tgt Ion:149 Resp: 528301

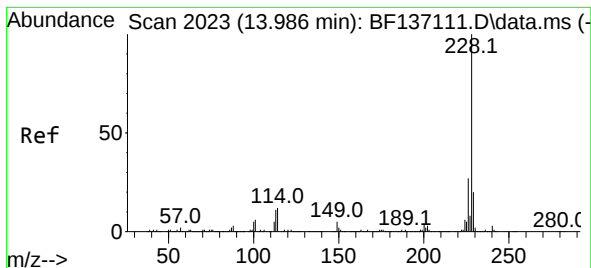
Ion Ratio Lower Upper

149 100

91 79.7 63.0 94.6

206 19.3 15.8 23.6





#81

Benzo(a)anthracene

Concen: 48.889 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

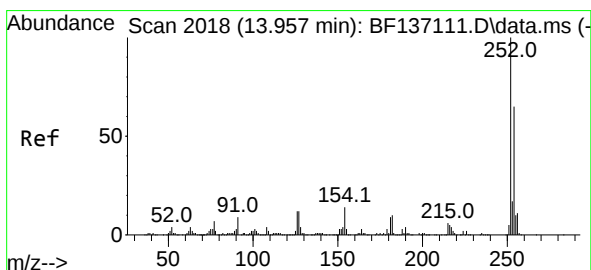
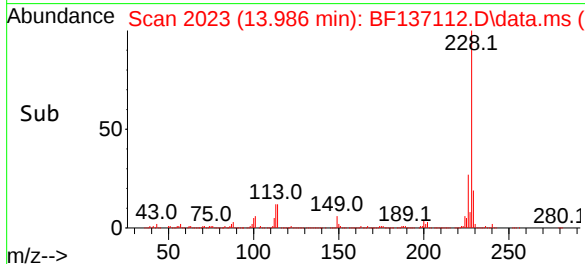
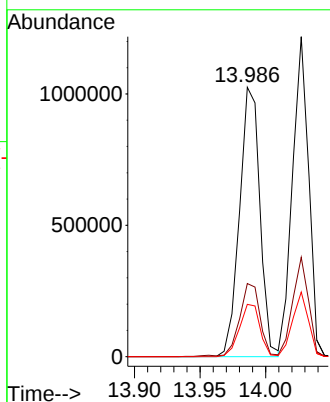
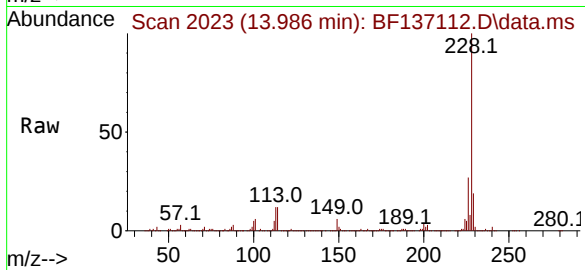
Tgt Ion:228 Resp: 1114009

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

229 19.4 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 46.374 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

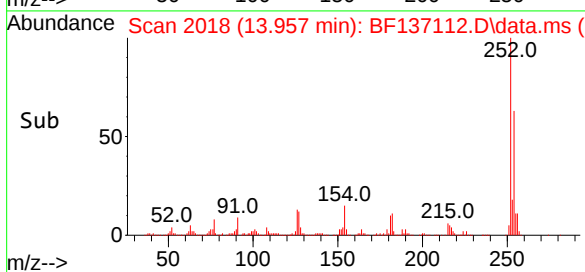
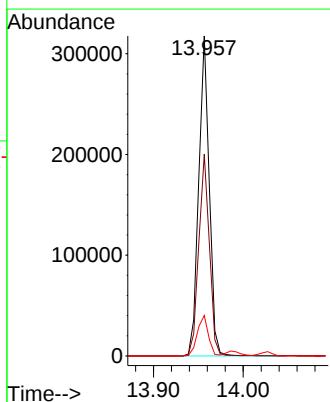
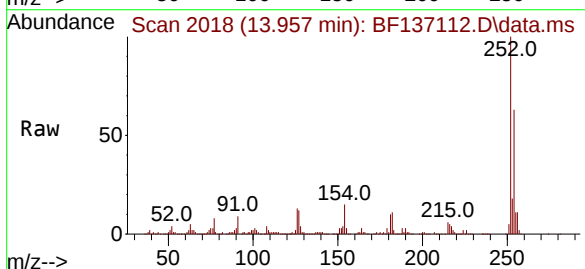
Tgt Ion:252 Resp: 259091

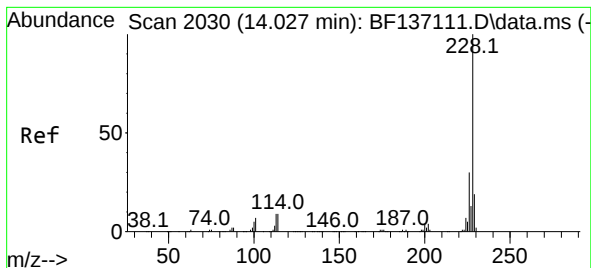
Ion Ratio Lower Upper

252 100

254 63.1 52.0 78.0

126 12.6 9.5 14.3





#83

Chrysene

Concen: 47.539 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

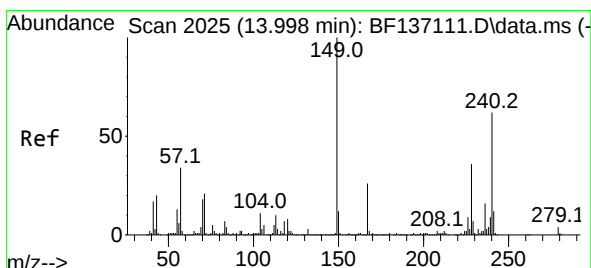
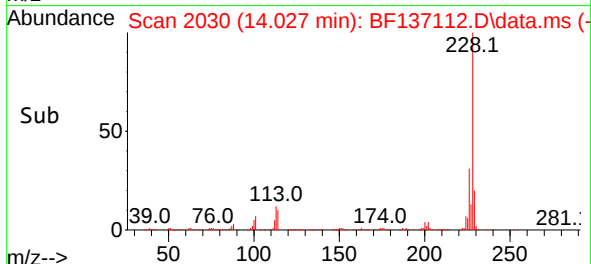
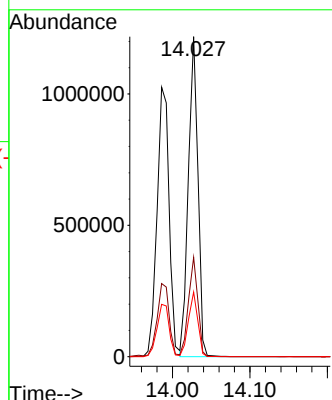
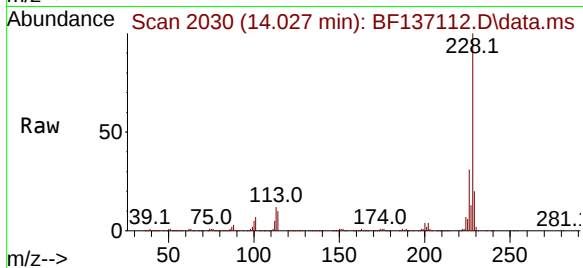
Tgt Ion:228 Resp: 1047016

Ion Ratio Lower Upper

228 100

226 31.0 23.5 35.3

229 20.2 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.963 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

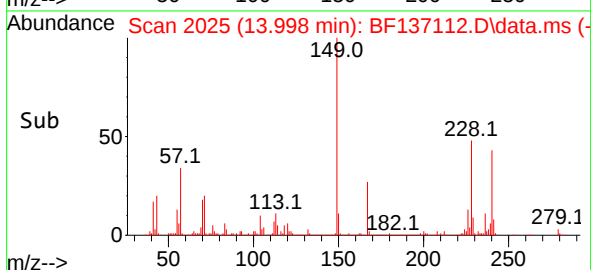
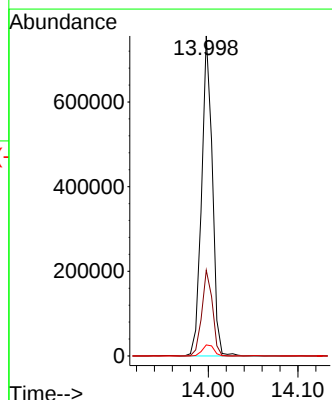
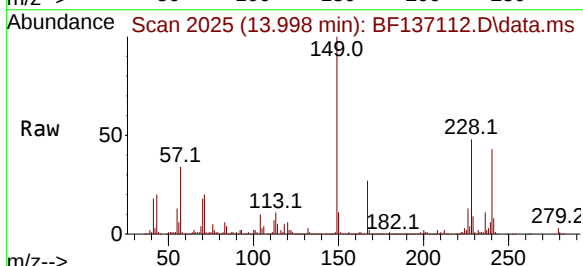
Tgt Ion:149 Resp: 626512

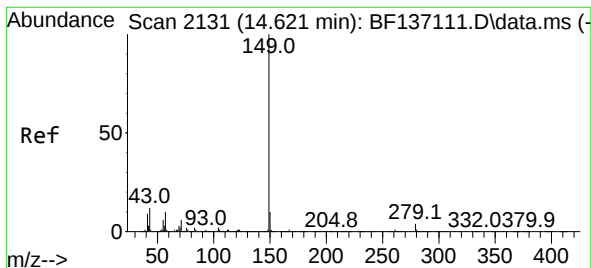
Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

279 3.5 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 52.070 ng

RT: 14.621 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

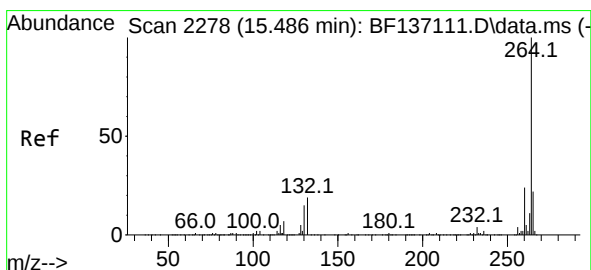
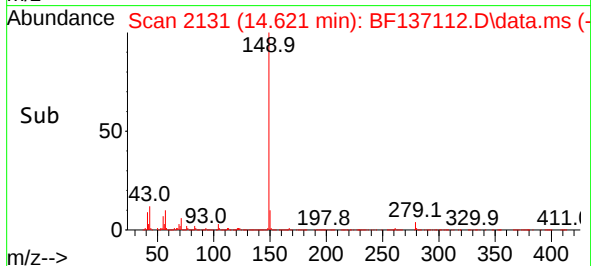
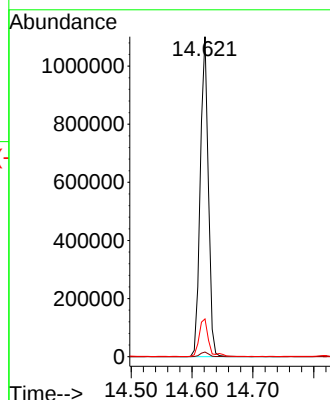
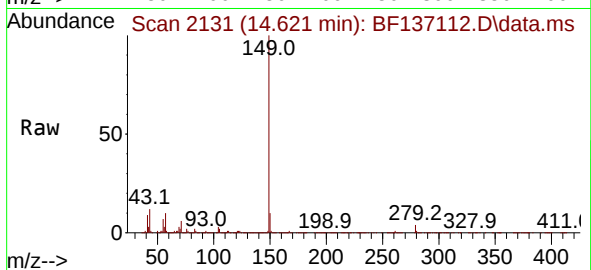
Tgt Ion:149 Resp: 1013125

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 13.6 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

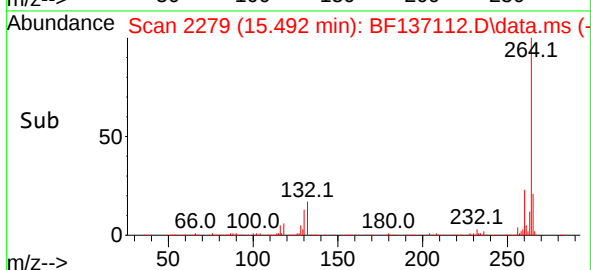
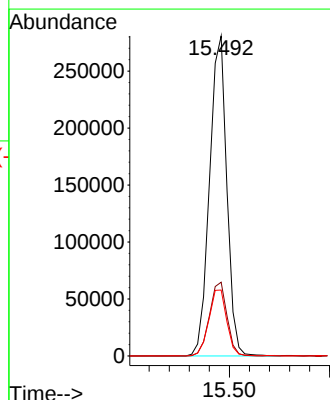
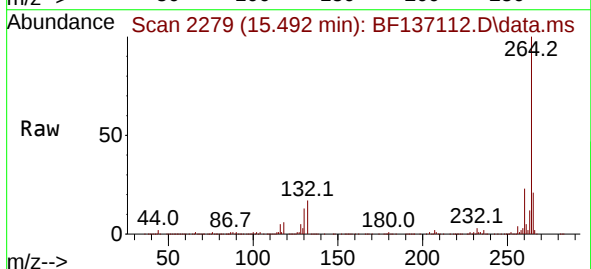
Tgt Ion:264 Resp: 336091

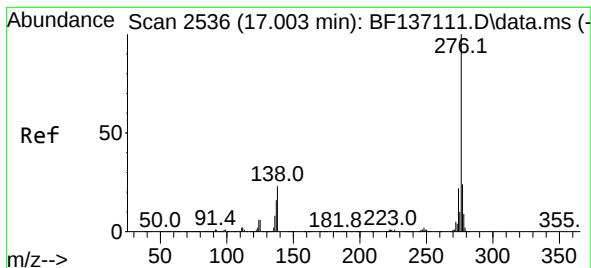
Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 20.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.651 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

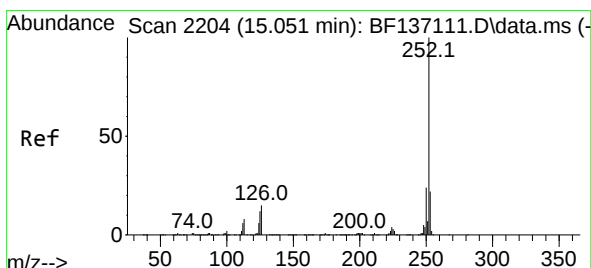
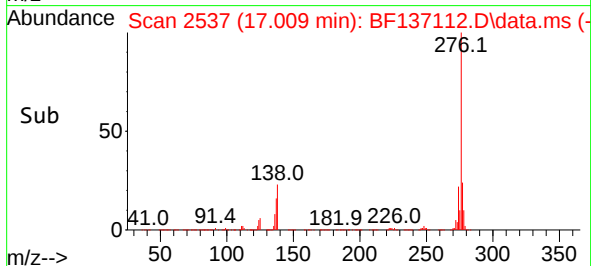
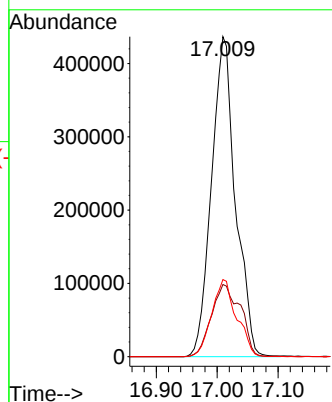
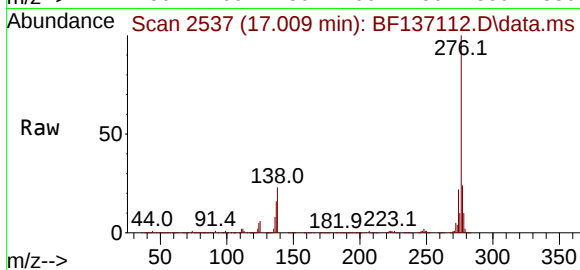
Tgt Ion:276 Resp: 1195663

Ion Ratio Lower Upper

276 100

138 27.5 22.2 33.4

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.315 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.006 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

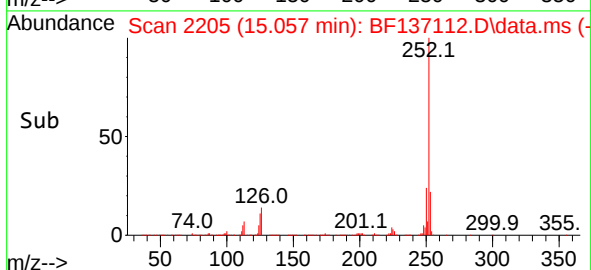
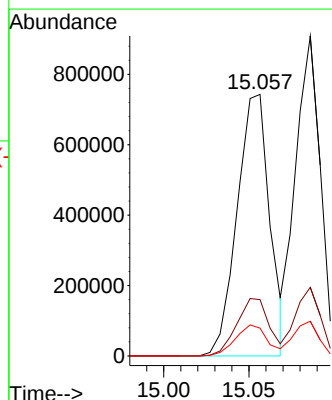
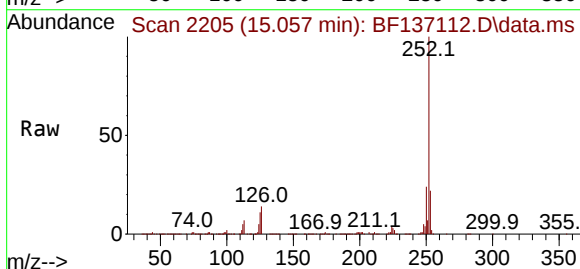
Tgt Ion:252 Resp: 990392

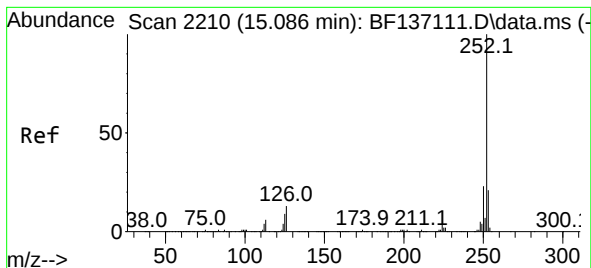
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 10.6 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 47.326 ng

RT: 15.086 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

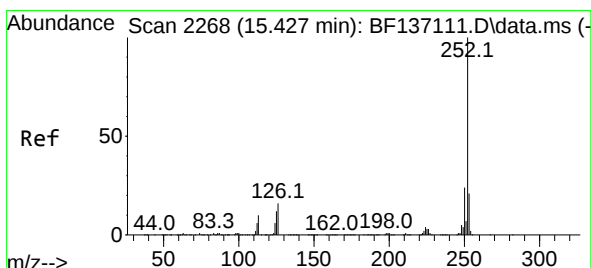
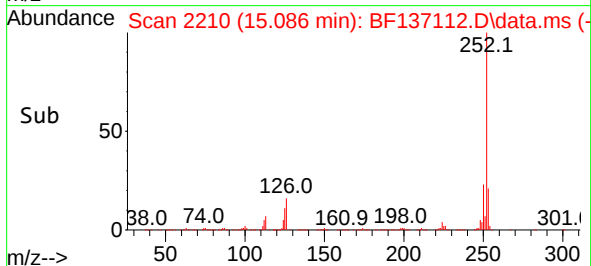
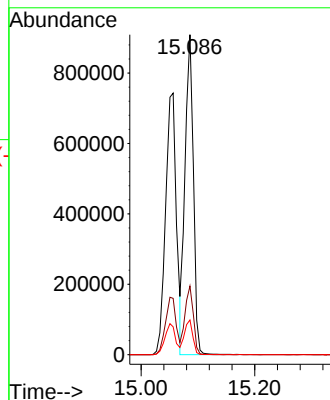
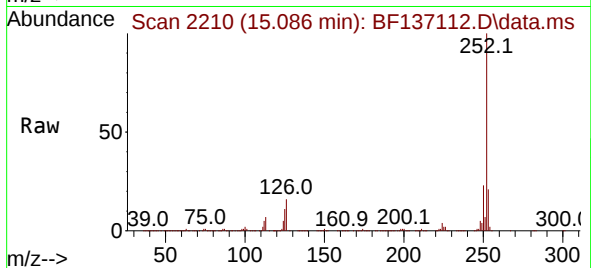
Tgt Ion:252 Resp: 925282

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 10.8 8.3 12.5



#90

Benzo(a)pyrene

Concen: 48.383 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF137112.D

Acq: 19 Jan 2024 15:24

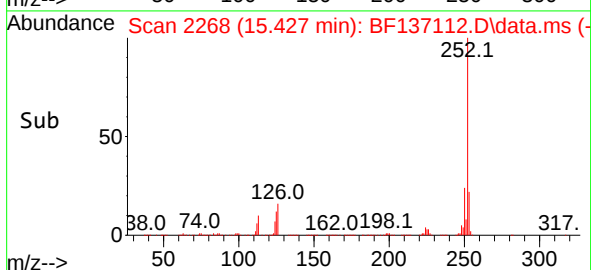
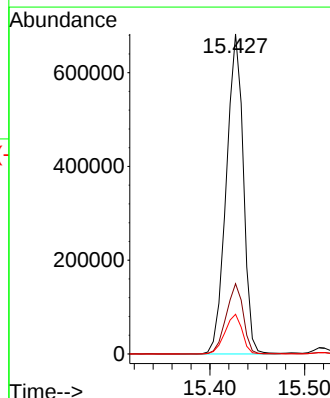
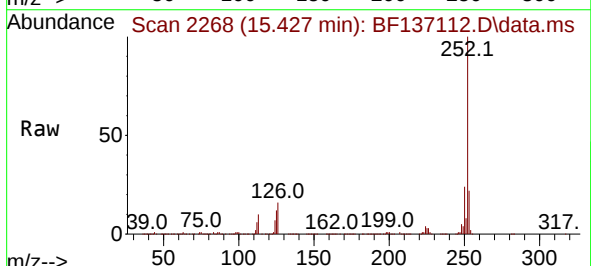
Tgt Ion:252 Resp: 853661

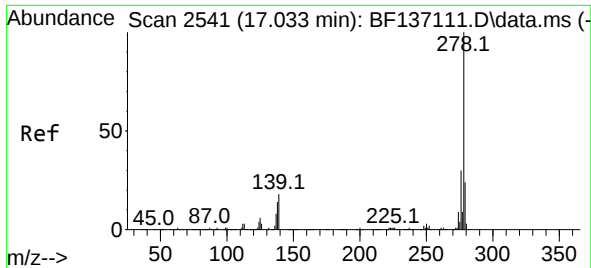
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 12.4 9.6 14.4

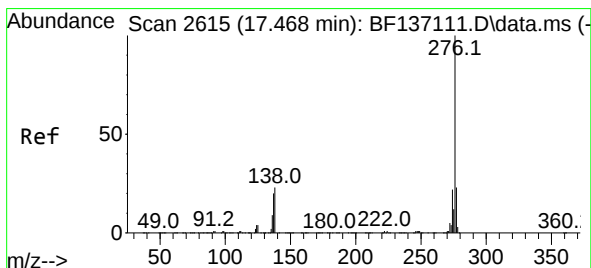
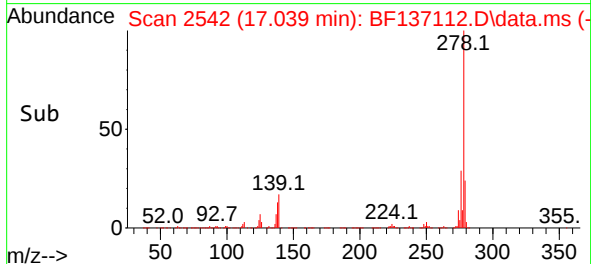
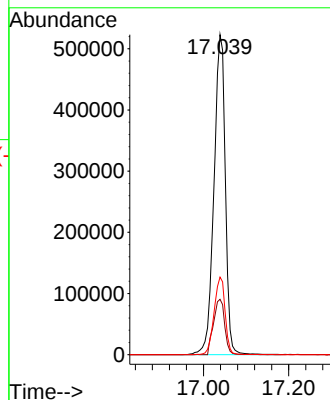
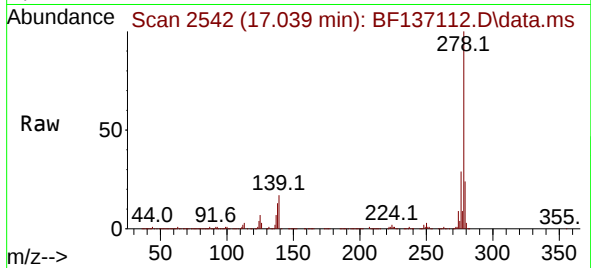




#91
 Dibenzo(a,h)anthracene
 Concen: 52.028 ng
 RT: 17.039 min Scan# 2541
 Delta R.T. 0.006 min
 Lab File: BF137112.D
 Acq: 19 Jan 2024 15:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:278 Resp: 970071
 Ion Ratio Lower Upper
 278 100
 139 17.3 14.2 21.4
 279 24.2 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 52.742 ng
 RT: 17.474 min Scan# 2616
 Delta R.T. 0.006 min
 Lab File: BF137112.D
 Acq: 19 Jan 2024 15:24

Tgt Ion:276 Resp: 1023379
 Ion Ratio Lower Upper
 276 100
 277 24.5 18.3 27.5
 138 23.2 18.4 27.6

