

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137011.D
 Acq On : 10 Jan 2024 10:24
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 10 10:44:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	57642	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	228224	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	121243	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	240878	20.000	ng	0.00
76) Chrysene-d12	13.980	240	139609	20.000	ng	# 0.01
86) Perylene-d12	15.468	264	112349	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	308723	83.567	ng	0.00
7) Phenol-d6	6.440	99	383364	80.085	ng	0.00
23) Nitrobenzene-d5	7.351	82	354276	79.434	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	114473	80.168	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	728555	80.821	ng	0.00
79) Terphenyl-d14	12.916	244	834779	83.560	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	62593	40.664	ng	95
3) Pyridine	3.304	79	148363	39.504	ng	93
4) n-Nitrosodimethylamine	3.281	42	72740	36.269	ng	92
6) Aniline	6.457	93	188498	39.385	ng	# 50
8) 2-Chlorophenol	6.581	128	164424	40.671	ng	93
9) Benzaldehyde	6.345	77	103847	38.140	ng	98
10) Phenol	6.451	94	203325	39.789	ng	86
11) bis(2-Chloroethyl)ether	6.528	93	152318	39.195	ng	97
12) 1,3-Dichlorobenzene	6.728	146	178553	40.486	ng	97
13) 1,4-Dichlorobenzene	6.804	146	182615	40.524	ng	98
14) 1,2-Dichlorobenzene	6.957	146	173021	41.262	ng	98
15) Benzyl Alcohol	6.934	79	129541	40.112	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	238744	37.576	ng	77
17) 2-Methylphenol	7.051	107	131230	39.182	ng	94
18) Hexachloroethane	7.292	117	64185	39.219	ng	91
19) n-Nitroso-di-n-propyla...	7.204	70	115895	39.939	ng	94
20) 3+4-Methylphenols	7.204	107	172178	41.150	ng	# 70
22) Acetophenone	7.198	105	233009	40.733	ng	# 89
24) Nitrobenzene	7.375	77	177891	39.817	ng	93
25) Isophorone	7.610	82	320637	39.509	ng	98
26) 2-Nitrophenol	7.687	139	87954	41.147	ng	99
27) 2,4-Dimethylphenol	7.728	122	106261	40.832	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	193434	39.212	ng	99
29) 2,4-Dichlorophenol	7.934	162	137638	41.082	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	154427	41.369	ng	99
31) Naphthalene	8.087	128	504723	40.255	ng	99
32) Benzoic acid	7.869	122	81966	32.552	ng	96
33) 4-Chloroaniline	8.139	127	185826	40.142	ng	97
34) Hexachlorobutadiene	8.198	225	91033	40.138	ng	99
35) Caprolactam	8.528	113	47200	42.705	ng	86
36) 4-Chloro-3-methylphenol	8.634	107	151135	40.070	ng	97
37) 2-Methylnaphthalene	8.781	142	327846	40.630	ng	98
38) 1-Methylnaphthalene	8.875	142	320591	40.497	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	152064	40.498	ng	99
41) Hexachlorocyclopentadiene	8.928	237	38383	34.996	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	97553	40.511	ng	100

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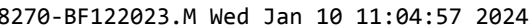
Instrument :
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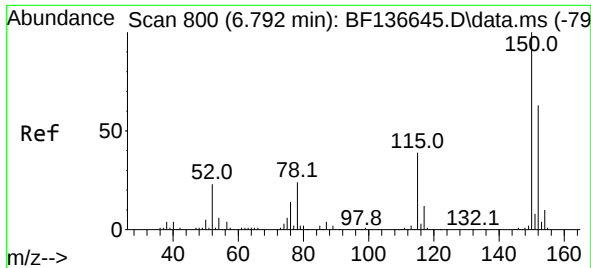
Quant Time: Jan 10 10:44:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	103419	38.540	ng	99
46) 1,1'-Biphenyl	9.245	154	411839	40.479	ng	99
47) 2-Chloronaphthalene	9.269	162	313773	40.568	ng	99
48) 2-Nitroaniline	9.375	65	96036	39.651	ng	95
49) Acenaphthylene	9.686	152	477017	40.349	ng	99
50) Dimethylphthalate	9.545	163	356627	40.270	ng	99
51) 2,6-Dinitrotoluene	9.616	165	83533	41.562	ng	89
52) Acenaphthene	9.857	154	292538	39.919	ng	99
53) 3-Nitroaniline	9.792	138	86380	40.572	ng	92
54) 2,4-Dinitrophenol	9.904	184	41309	39.088	ng	# 83
55) Dibenzofuran	10.033	168	438944	39.513	ng	95
56) 4-Nitrophenol	9.975	139	57484	39.996	ng	92
57) 2,4-Dinitrotoluene	10.028	165	103635	39.719	ng	93
58) Fluorene	10.375	166	366872	41.622	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	78689	38.094	ng	99
60) Diethylphthalate	10.251	149	369823	40.248	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	176410	41.175	ng	99
62) 4-Nitroaniline	10.410	138	83865	40.861	ng	92
63) Azobenzene	10.528	77	333202	38.825	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	55028	39.862	ng	83
66) n-Nitrosodiphenylamine	10.492	169	314891	40.243	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	106976	39.989	ng	98
68) Hexachlorobenzene	10.928	284	120567	40.443	ng	99
69) Atrazine	11.022	200	79101	39.524	ng	99
70) Pentachlorophenol	11.128	266	45540	32.773	ng	96
71) Phenanthrene	11.345	178	503022	40.699	ng	99
72) Anthracene	11.398	178	511061	40.829	ng	99
73) Carbazole	11.557	167	479555	40.636	ng	99
74) Di-n-butylphthalate	11.880	149	591807	41.097	ng	99
75) Fluoranthene	12.539	202	549968	41.600	ng	97
77) Benzidine	12.663	184	172294	41.855	ng	99
78) Pyrene	12.769	202	566726	41.352	ng	99
80) Butylbenzylphthalate	13.386	149	218070	43.729	ng	95
81) Benzo(a)anthracene	13.968	228	407379	42.023	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	112104	40.719	ng	99
83) Chrysene	14.004	228	384699	40.580	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	294895	47.000	ng	97
85) Di-n-octyl phthalate	14.568	149	413069	42.560	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	332750	41.021	ng	99
88) Benzo(b)fluoranthene	15.027	252	316830	42.222	ng	99
89) Benzo(k)fluoranthene	15.057	252	280483	39.558	ng	99
90) Benzo(a)pyrene	15.404	252	252984	39.940	ng	97
91) Dibenzo(a,h)anthracene	17.009	278	272628	40.967	ng	99
92) Benzo(g,h,i)perylene	17.462	276	283463	41.588	ng	98

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

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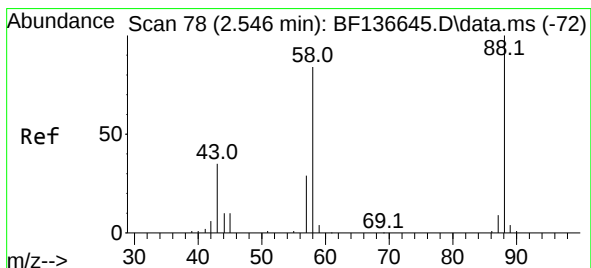
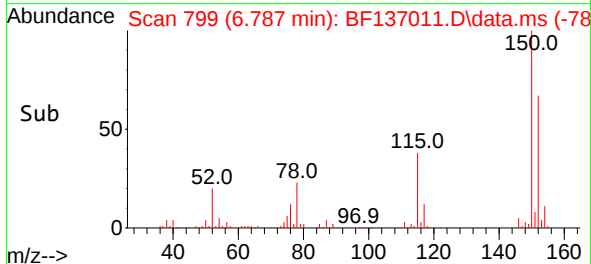
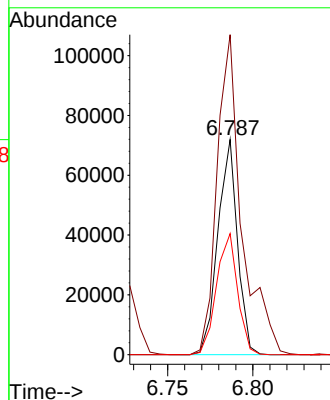
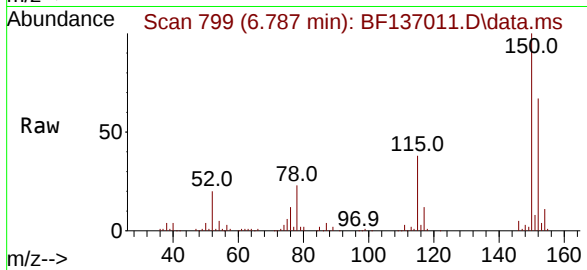




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137011.D
 Acq: 10 Jan 2024 10:24

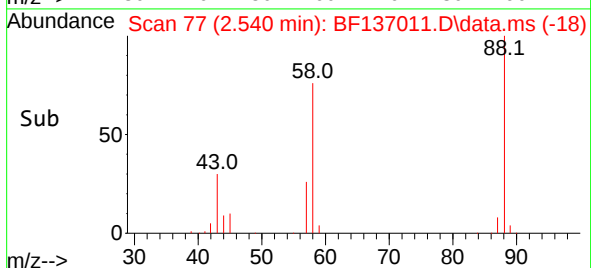
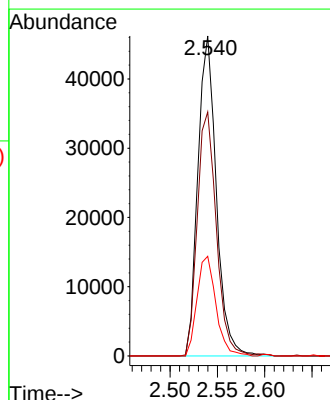
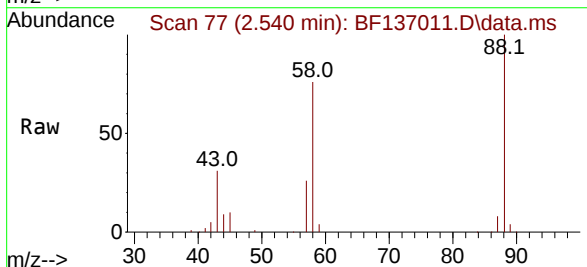
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 57642
 Ion Ratio Lower Upper
 152 100
 150 148.7 127.0 190.6
 115 56.3 49.0 73.4



#2
 1,4-Dioxane
 Concen: 40.664 ng
 RT: 2.540 min Scan# 77
 Delta R.T. -0.006 min
 Lab File: BF137011.D
 Acq: 10 Jan 2024 10:24

Tgt Ion: 88 Resp: 62593
 Ion Ratio Lower Upper
 88 100
 58 79.0 67.4 101.0
 43 32.0 27.7 41.5





#3

Pyridine

Concen: 39.504 ng

RT: 3.304 min Scan# 207

Delta R.T. 0.000 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

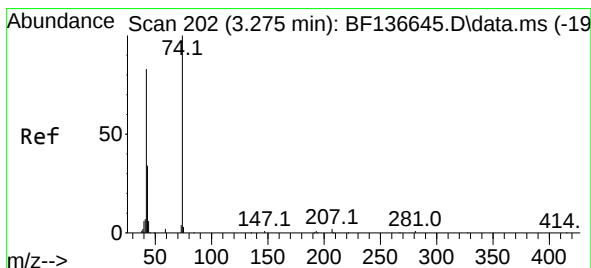
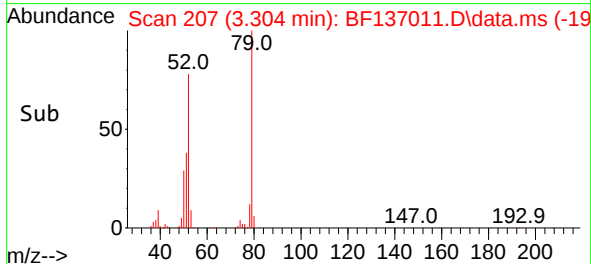
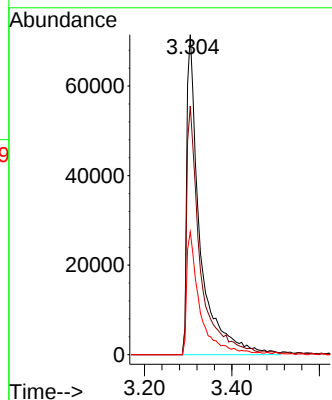
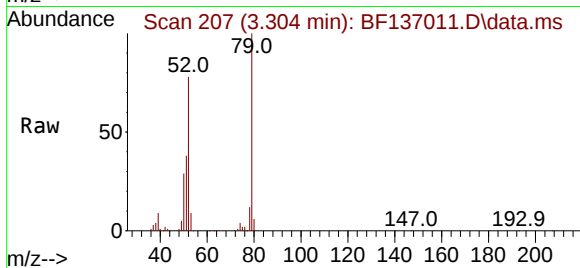
Tgt Ion: 79 Resp: 148363

Ion Ratio Lower Upper

79 100

52 77.6 67.7 101.5

51 38.4 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 36.269 ng

RT: 3.281 min Scan# 203

Delta R.T. 0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

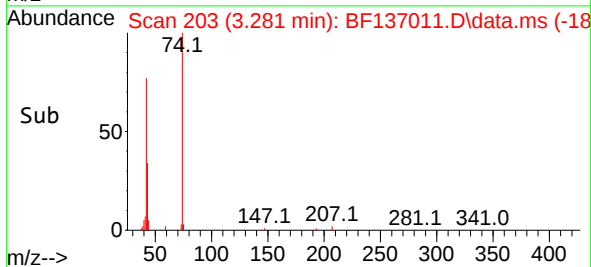
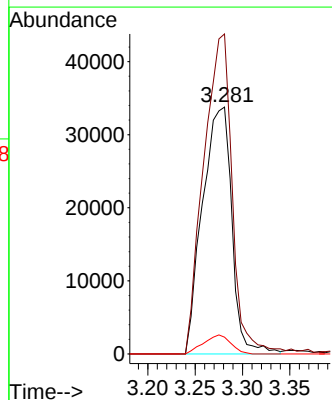
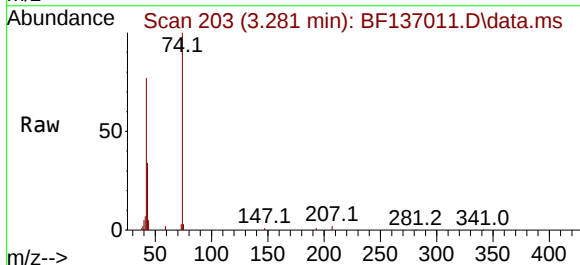
Tgt Ion: 42 Resp: 72740

Ion Ratio Lower Upper

42 100

74 129.6 96.0 144.0

44 6.8 5.4 8.2

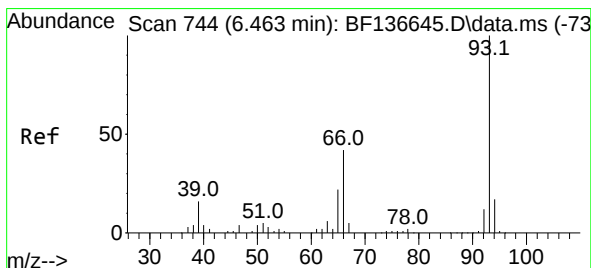
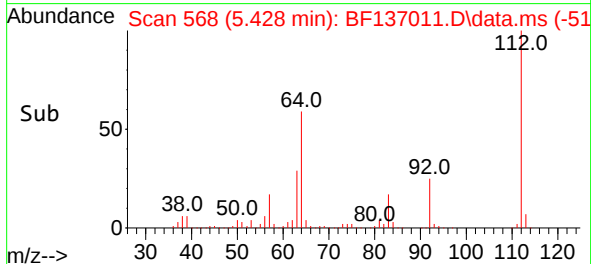
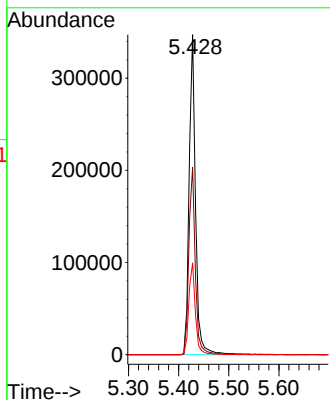
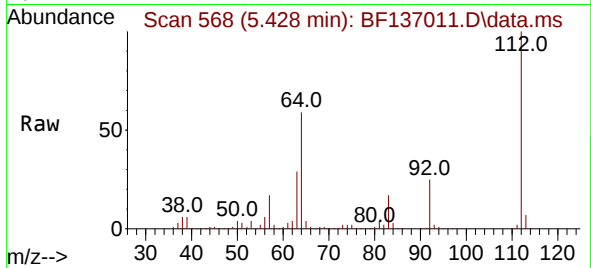




#5
2-Fluorophenol
Concen: 83.567 ng
RT: 5.428 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

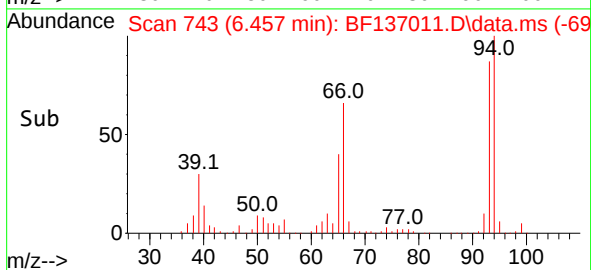
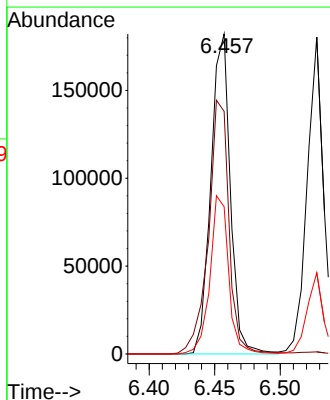
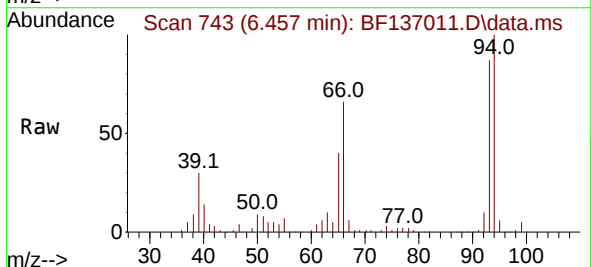
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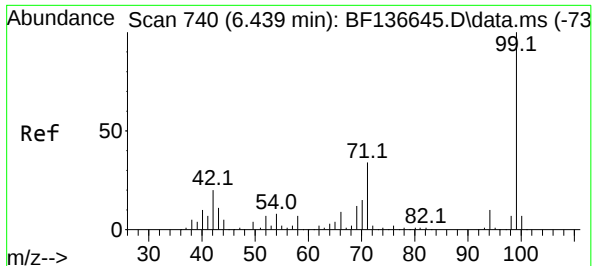
Tgt Ion:112 Resp: 308723
Ion Ratio Lower Upper
112 100
64 58.6 51.1 76.7
63 28.7 26.1 39.1



#6
Aniline
Concen: 39.385 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion: 93 Resp: 188498
Ion Ratio Lower Upper
93 100
66 75.8 34.6 51.8#
65 46.0 17.8 26.8#

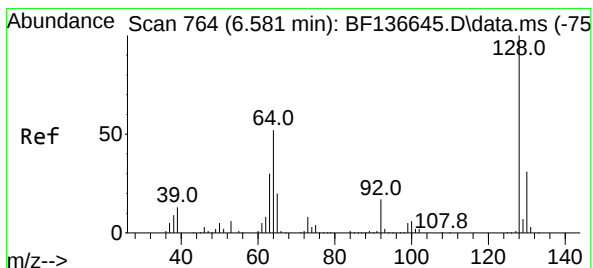
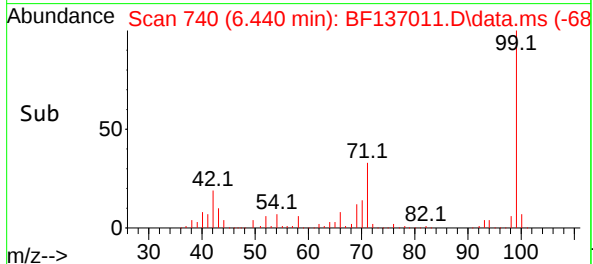
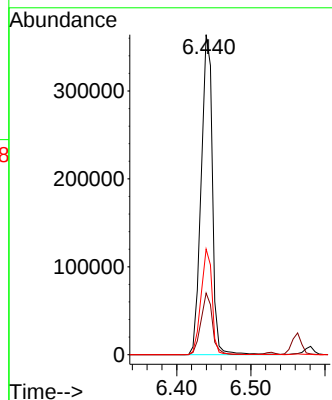
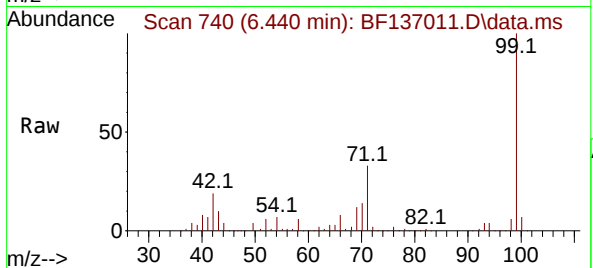




#7
Phenol-d6
Concen: 80.085 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

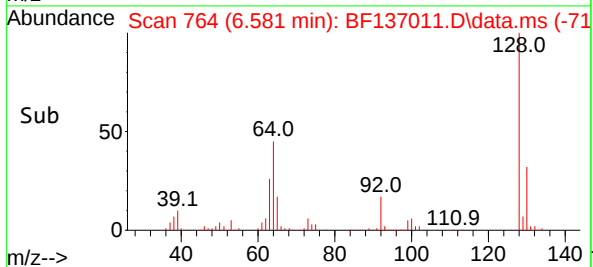
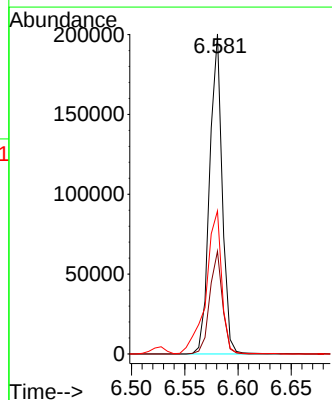
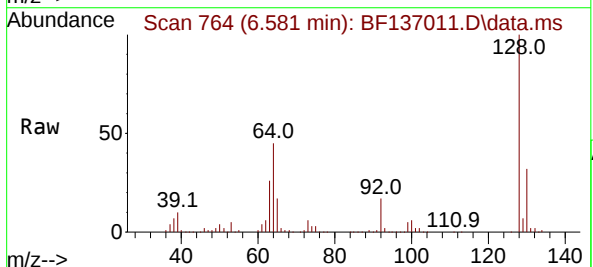
Instrument :
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SSTDCCC040

Tgt Ion: 99 Resp: 383364
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 33.0 27.4 41.2



#8
2-Chlorophenol
Concen: 40.671 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:128 Resp: 164424
Ion Ratio Lower Upper
128 100
130 32.1 11.3 51.3
64 44.7 32.5 72.5





#9

Benzaldehyde

Concen: 38.140 ng

RT: 6.345 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

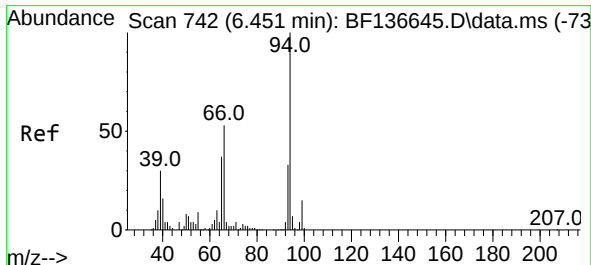
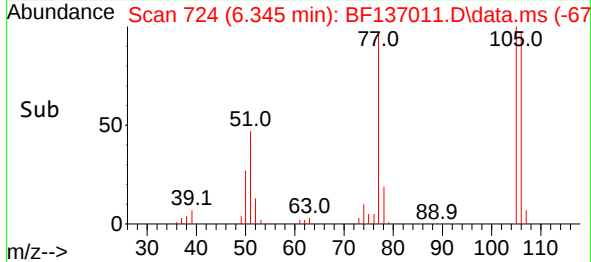
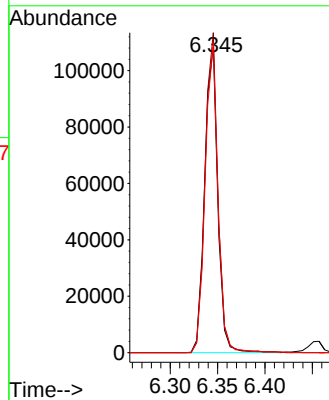
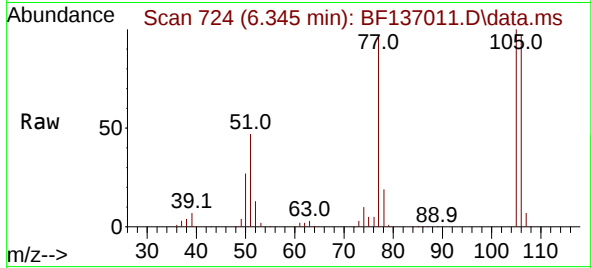
Tgt Ion: 77 Resp: 103847

Ion Ratio Lower Upper

77 100

105 104.7 84.8 124.8

106 101.2 77.8 117.8



#10

Phenol

Concen: 39.789 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

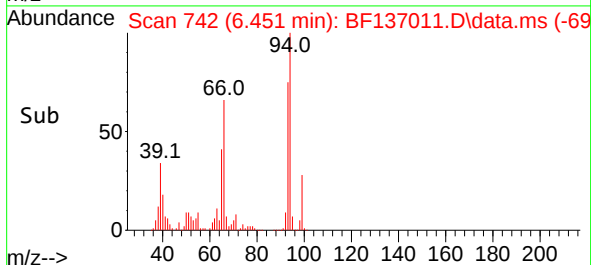
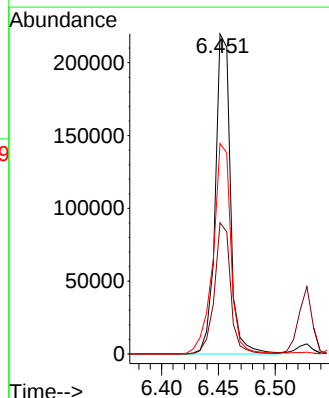
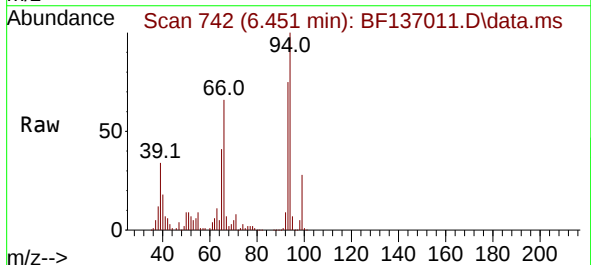
Tgt Ion: 94 Resp: 203325

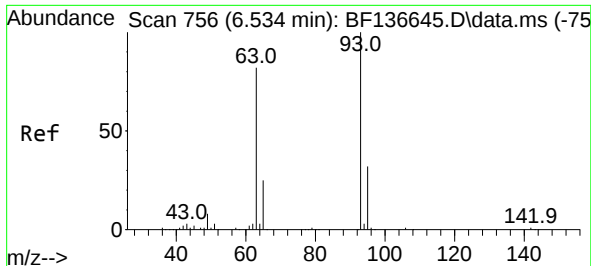
Ion Ratio Lower Upper

94 100

65 41.0 16.6 56.6

66 65.7 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 39.195 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

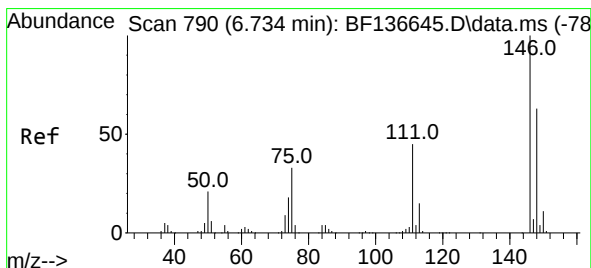
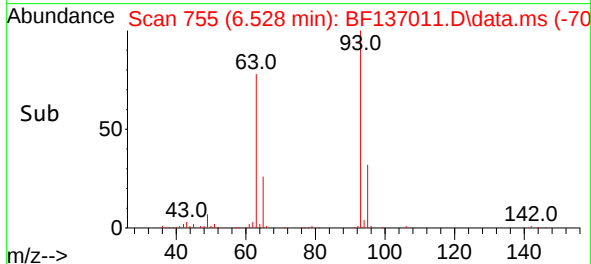
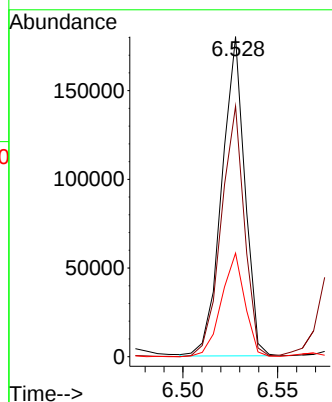
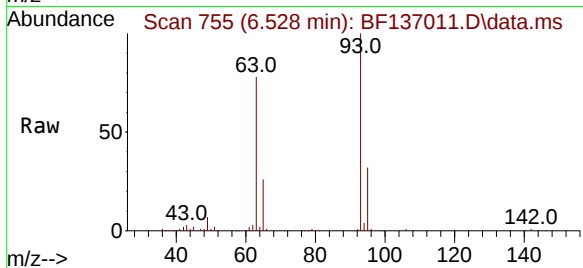
Tgt Ion: 93 Resp: 152318

Ion Ratio Lower Upper

93 100

63 78.3 61.2 101.2

95 32.4 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 40.486 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

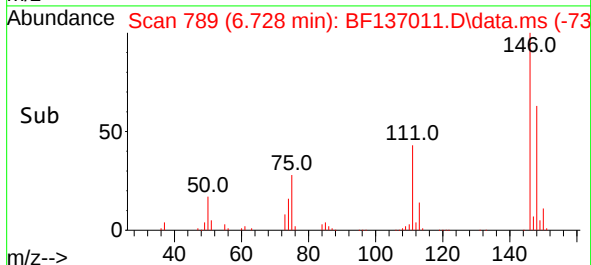
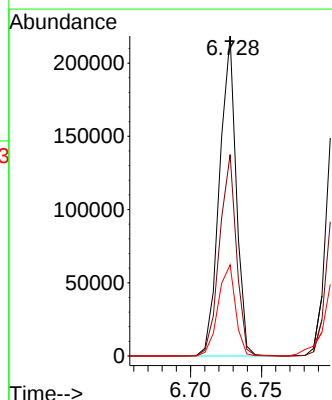
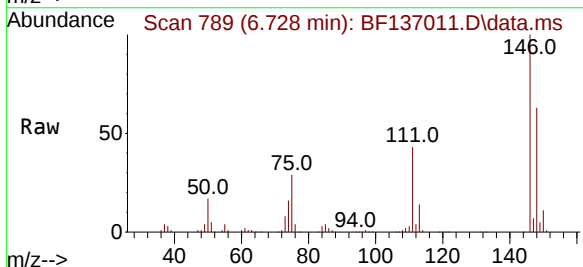
Tgt Ion: 146 Resp: 178553

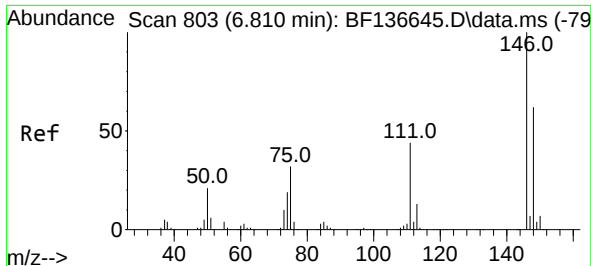
Ion Ratio Lower Upper

146 100

148 62.9 50.5 75.7

75 28.5 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 40.524 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

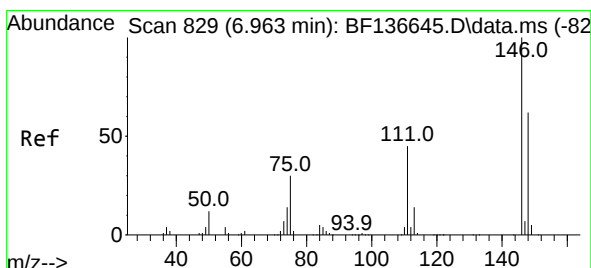
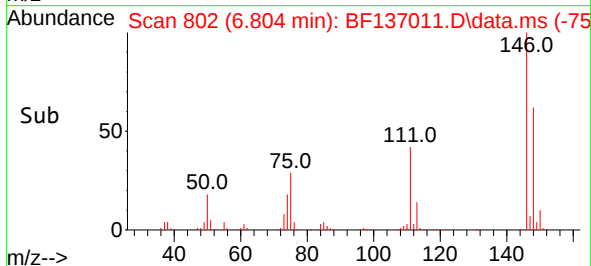
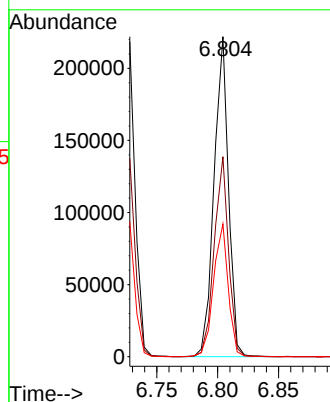
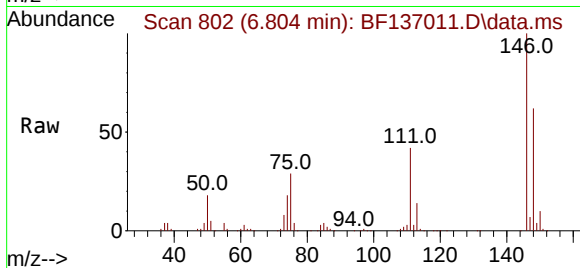
Tgt Ion:146 Resp: 182615

Ion Ratio Lower Upper

146 100

148 62.5 49.2 73.8

111 41.5 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 41.262 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

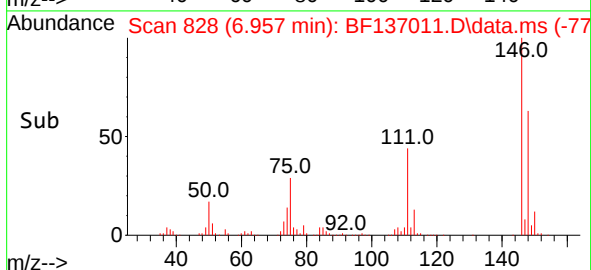
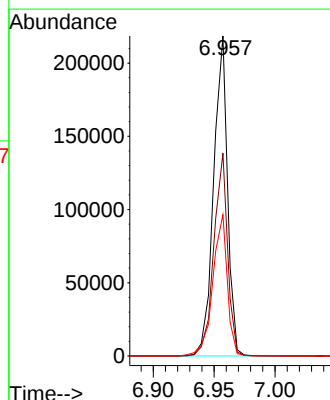
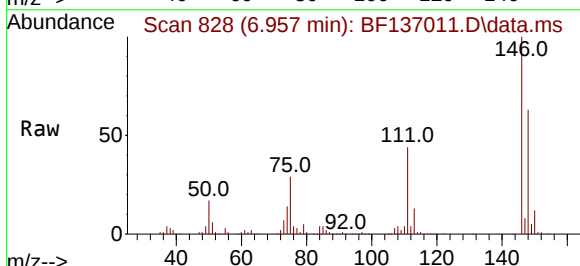
Tgt Ion:146 Resp: 173021

Ion Ratio Lower Upper

146 100

148 63.4 49.6 74.4

111 44.2 36.2 54.2

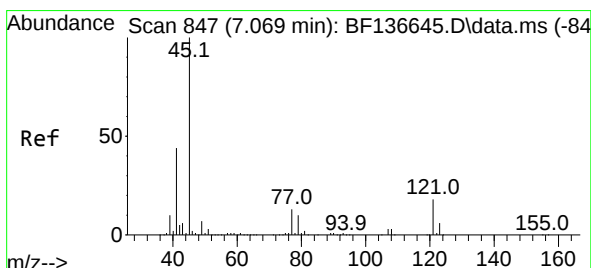
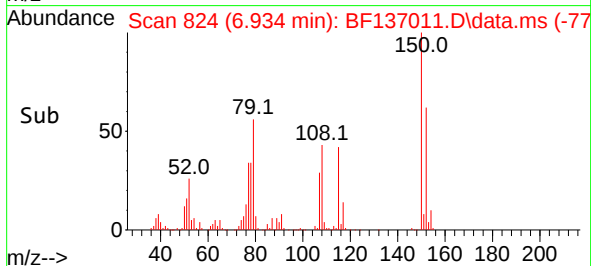
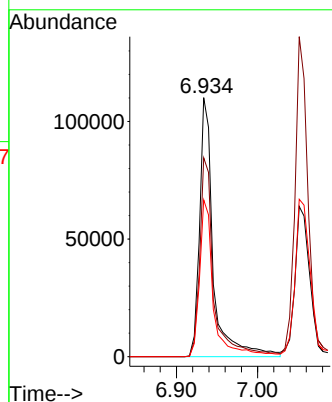
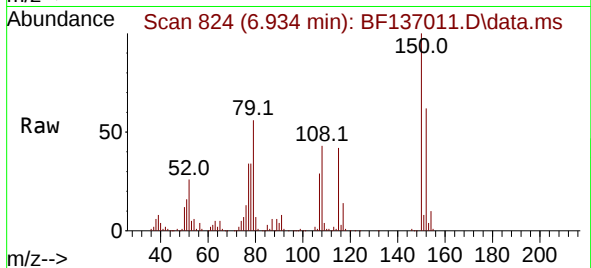




#15
Benzyl Alcohol
Concen: 40.112 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

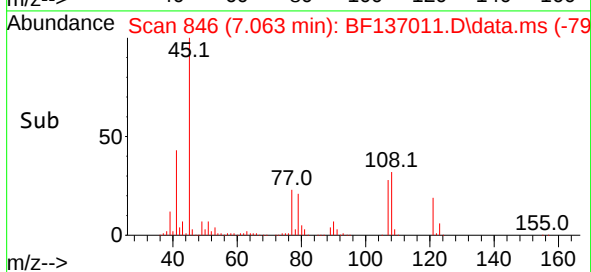
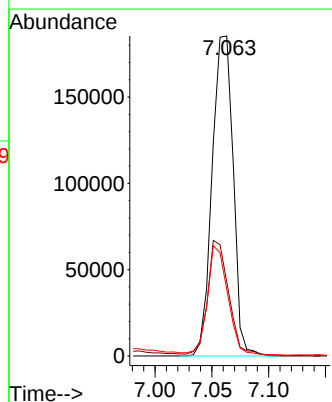
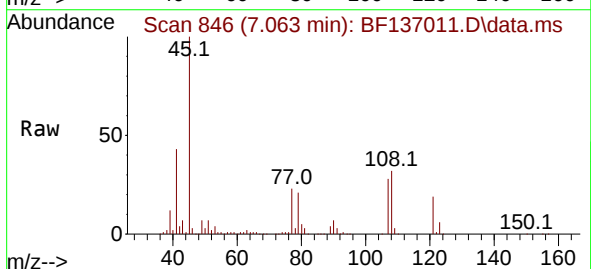
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

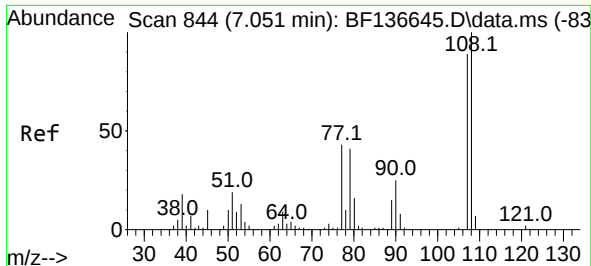
Tgt Ion: 79 Resp: 129541
Ion Ratio Lower Upper
79 100
108 76.8 61.0 91.6
77 60.5 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.576 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion: 45 Resp: 238744
Ion Ratio Lower Upper
45 100
77 23.0 0.0 34.3
79 20.8 0.0 31.4

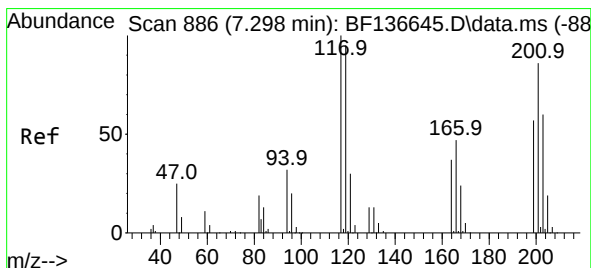
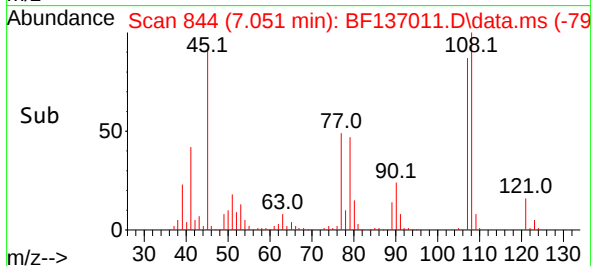
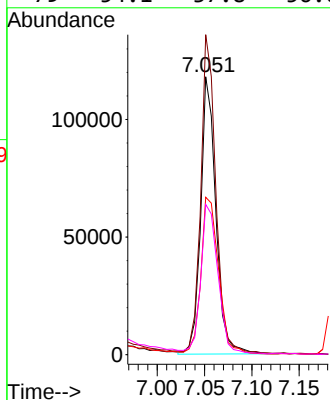
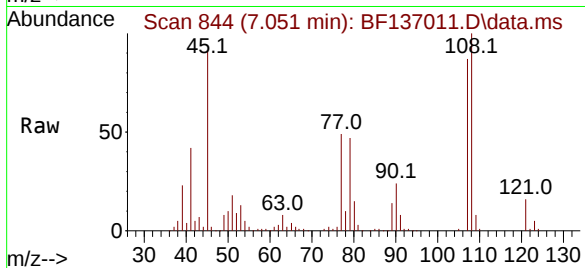




#17
2-Methylphenol
Concen: 39.182 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

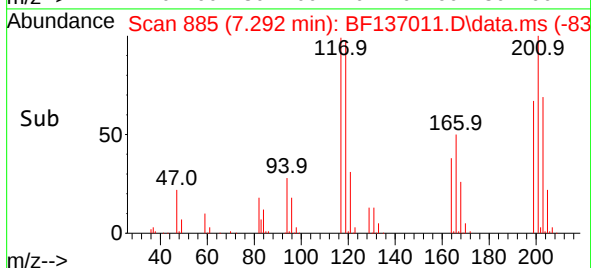
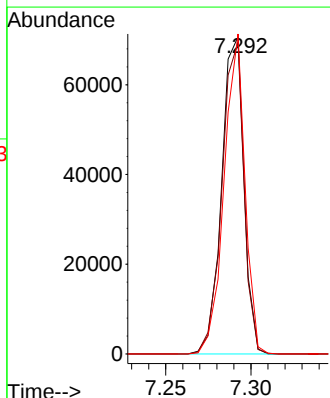
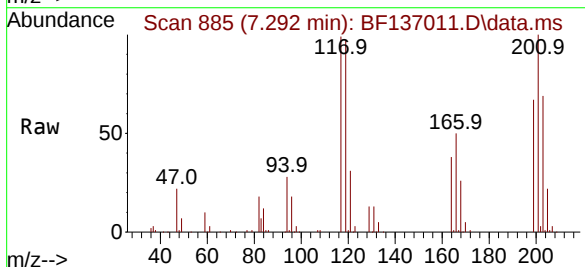
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

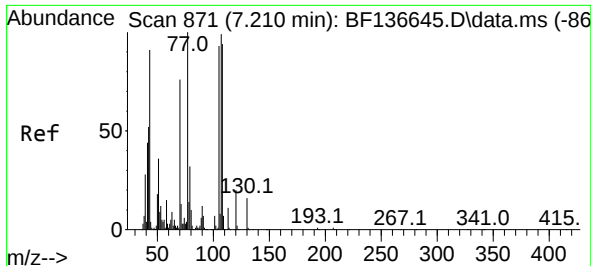
Tgt Ion:	107	Resp:	131230
Ion	Ratio	Lower	Upper
107	100		
108	115.1	90.3	135.5
77	56.6	38.7	58.1
79	54.1	37.8	56.6



#18
Hexachloroethane
Concen: 39.219 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:	117	Resp:	64185
Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.8	113.6
201	100.8	69.1	103.7

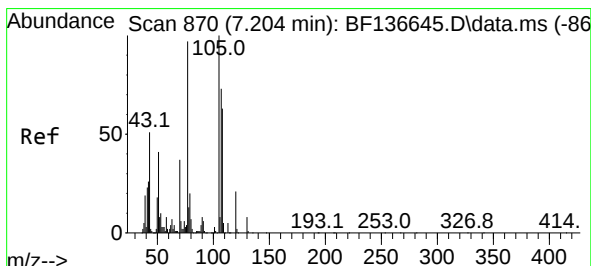
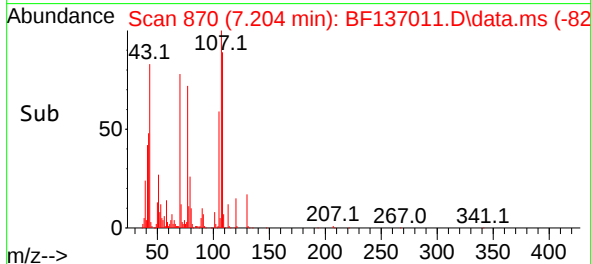
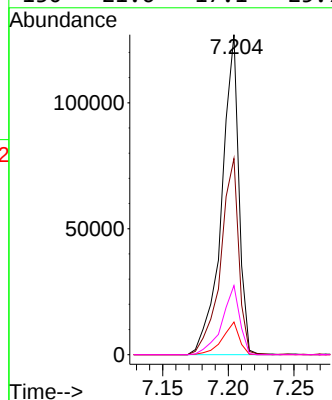
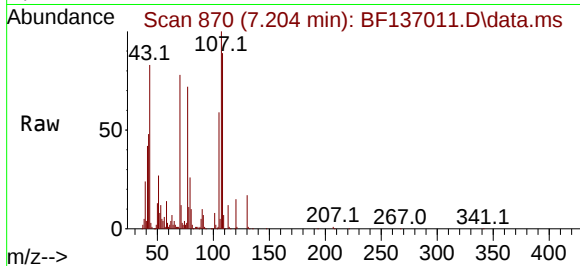




#19
n-Nitroso-di-n-propylamine
Concen: 39.939 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

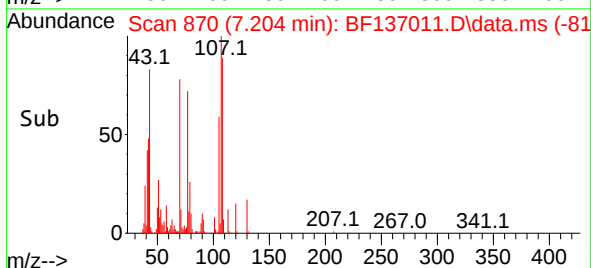
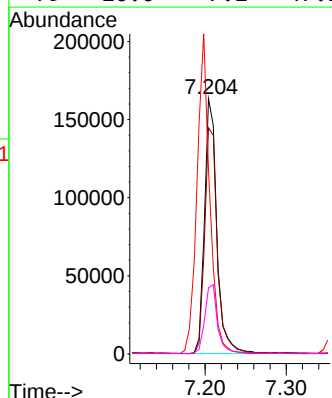
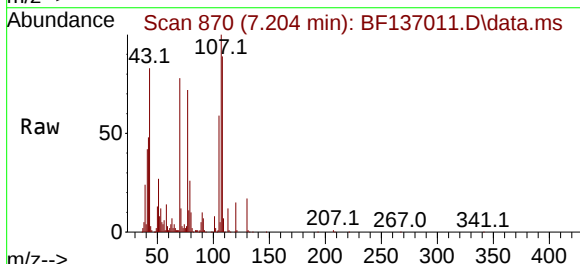
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

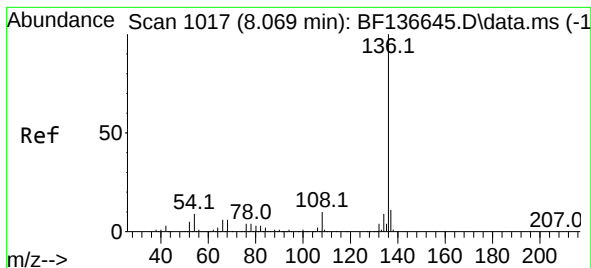
Tgt Ion: 70 Resp: 115895
Ion Ratio Lower Upper
70 100
42 61.3 54.2 81.4
101 10.2 7.6 11.4
130 21.6 17.1 25.7



#20
3+4-Methylphenols
Concen: 41.150 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion: 107 Resp: 172178
Ion Ratio Lower Upper
107 100
108 88.6 66.0 106.0
77 72.1 114.2 154.2#
79 26.0 7.2 47.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 228224

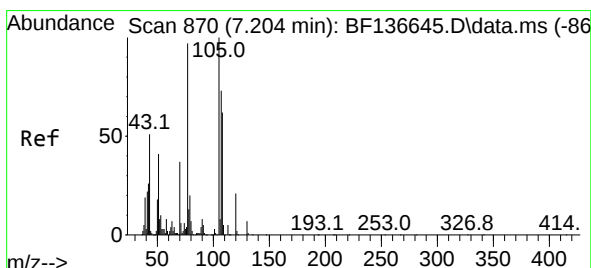
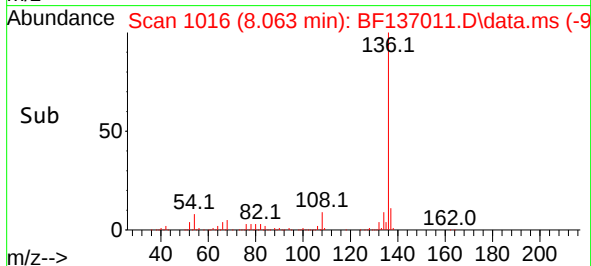
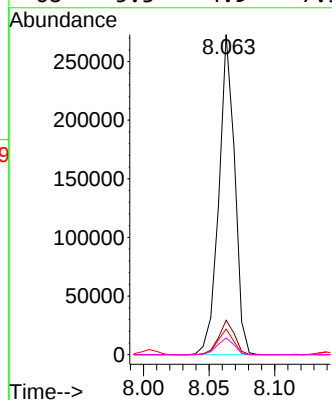
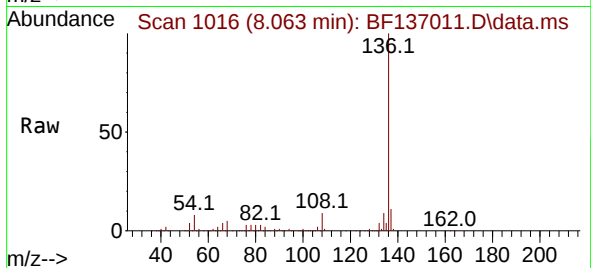
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 8.0 7.2 10.8

68 5.3 4.9 7.3



#22

Acetophenone

Concen: 40.733 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Tgt Ion:105 Resp: 233009

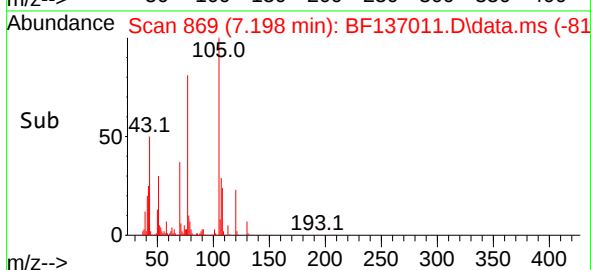
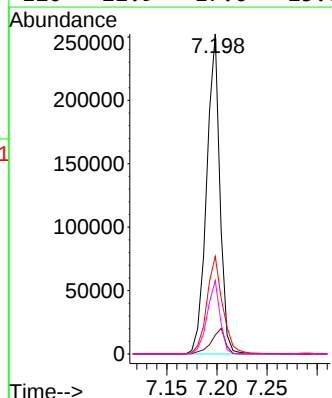
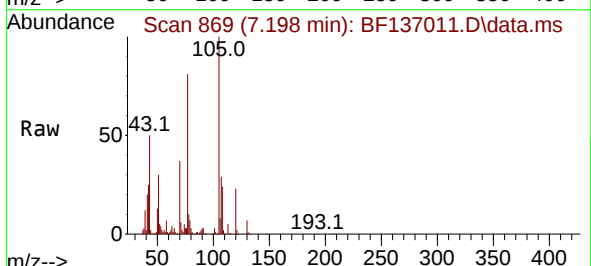
Ion Ratio Lower Upper

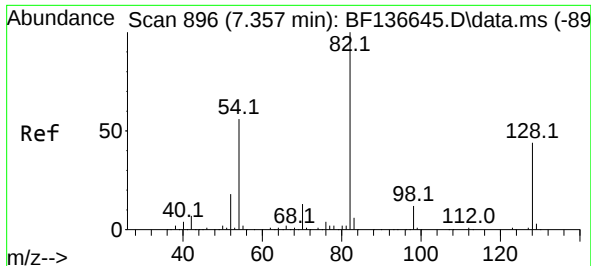
105 100

71 5.9 4.8 7.2

51 30.5 32.8 49.2#

120 22.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.434 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

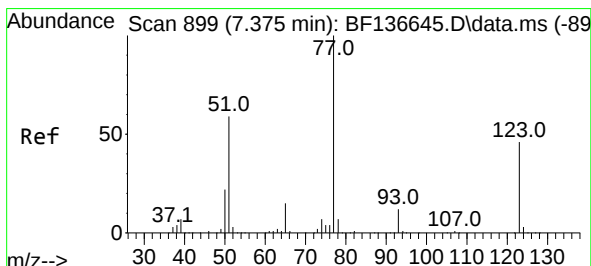
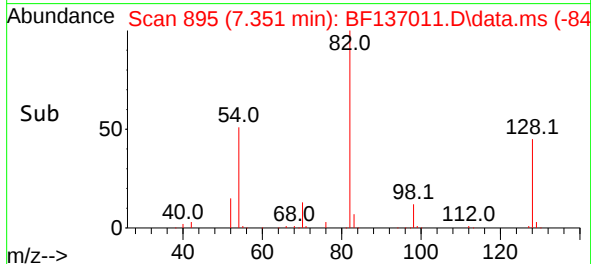
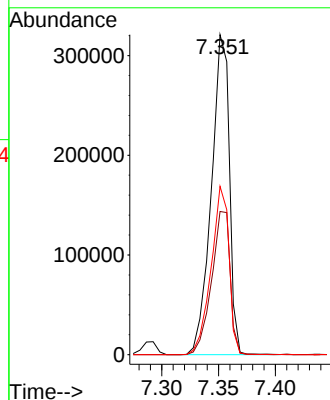
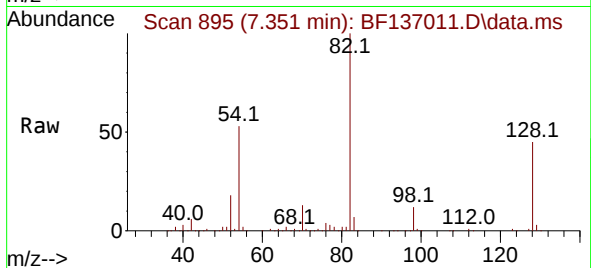
Tgt Ion: 82 Resp: 354276

Ion Ratio Lower Upper

82 100

128 44.8 35.3 52.9

54 52.6 44.5 66.7



#24

Nitrobenzene

Concen: 39.817 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

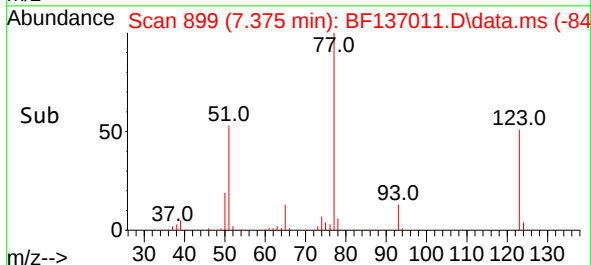
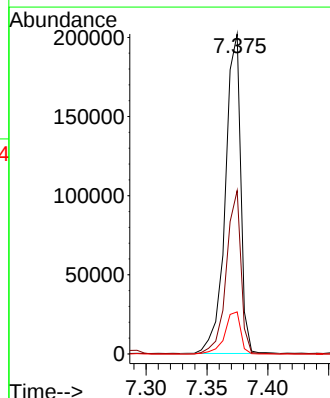
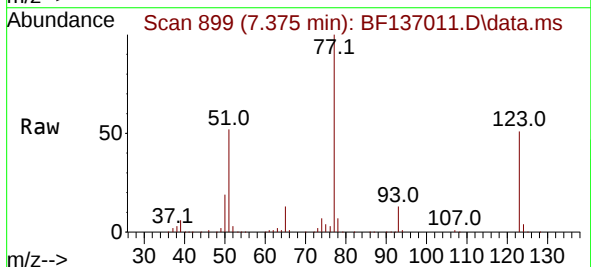
Tgt Ion: 77 Resp: 177891

Ion Ratio Lower Upper

77 100

123 51.1 36.7 55.1

65 13.2 11.8 17.6

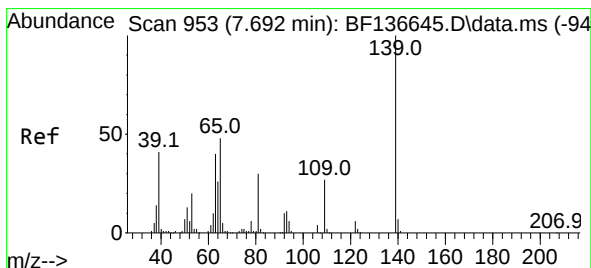
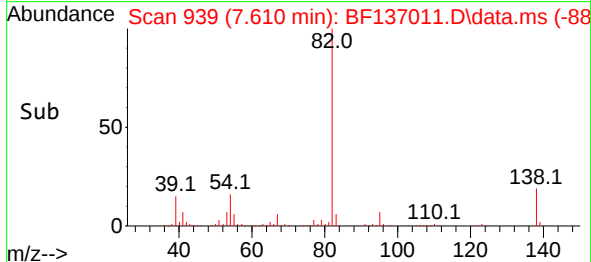
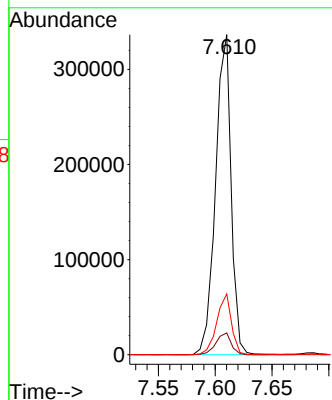
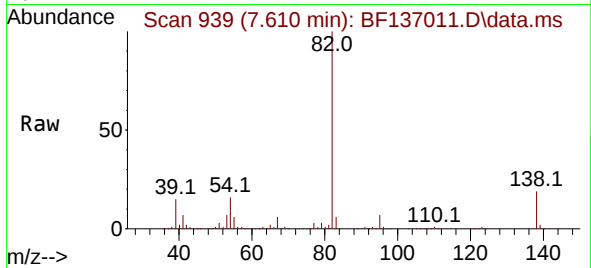




#25
Isophorone
Concen: 39.509 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

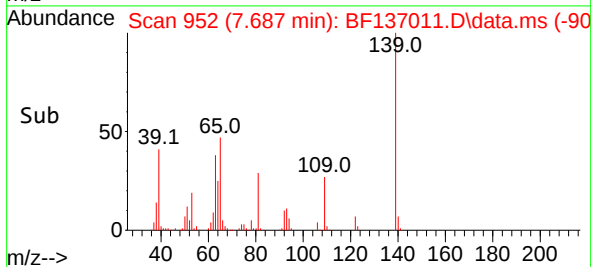
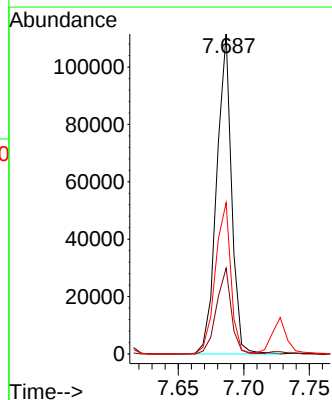
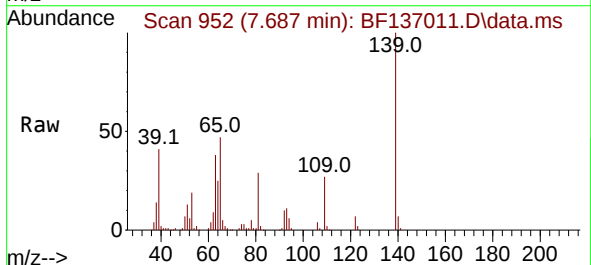
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

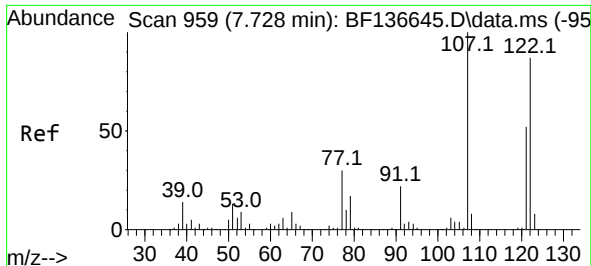
Tgt Ion: 82 Resp: 320637
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 19.0 14.5 21.7



#26
2-Nitrophenol
Concen: 41.147 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion: 139 Resp: 87954
Ion Ratio Lower Upper
139 100
109 26.8 21.9 32.9
65 47.2 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 40.832 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

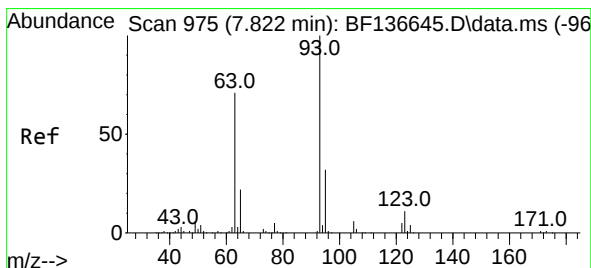
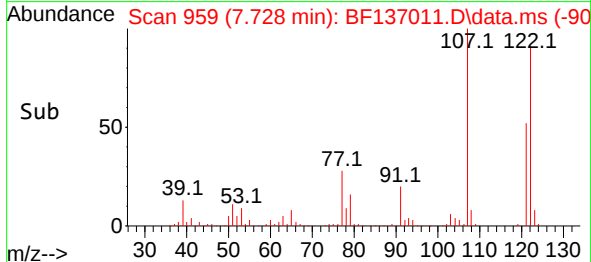
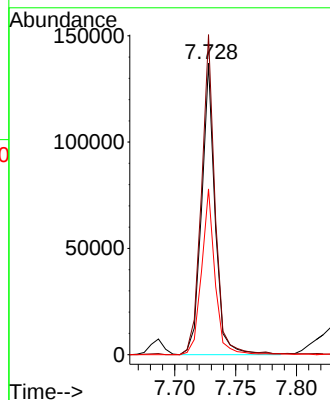
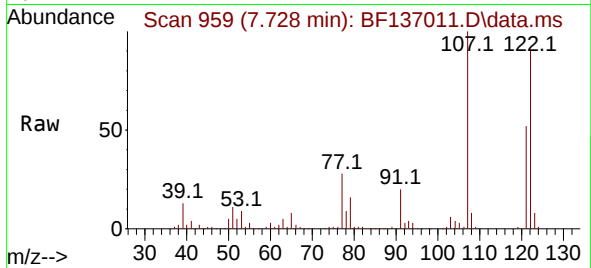
Tgt Ion:122 Resp: 106261

Ion Ratio Lower Upper

122 100

107 109.9 92.0 138.0

121 56.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.212 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

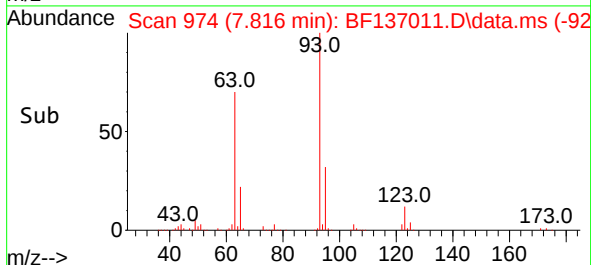
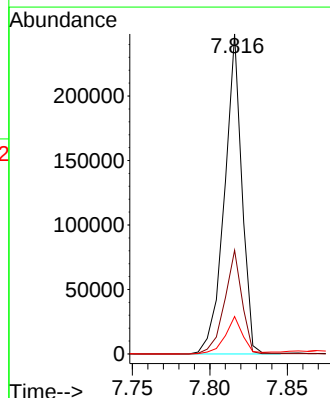
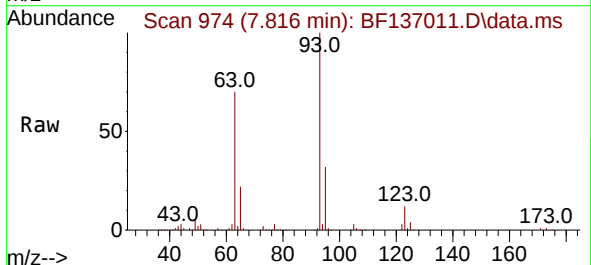
Tgt Ion: 93 Resp: 193434

Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.082 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

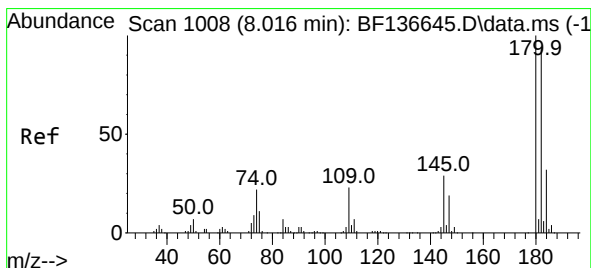
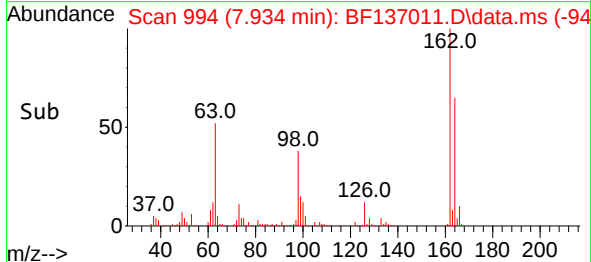
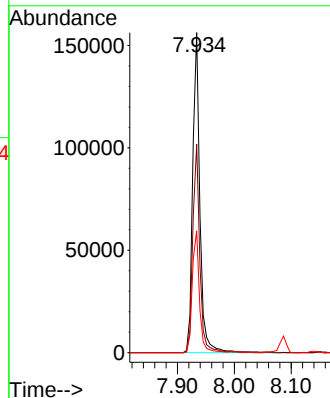
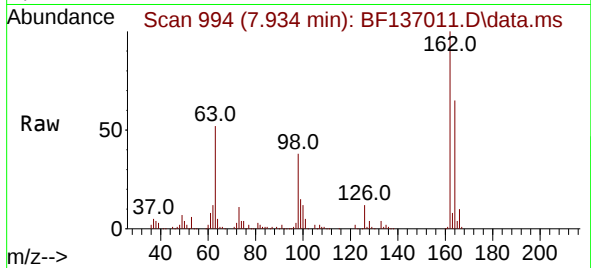
Tgt Ion:162 Resp: 137638

Ion Ratio Lower Upper

162 100

164 65.1 41.7 81.7

98 38.0 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 41.369 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

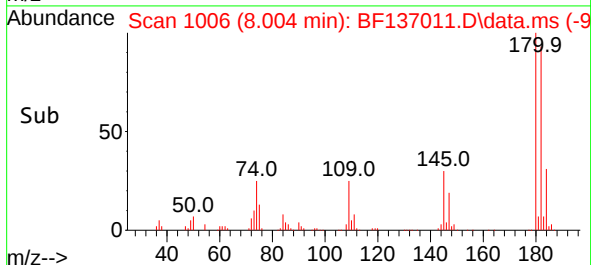
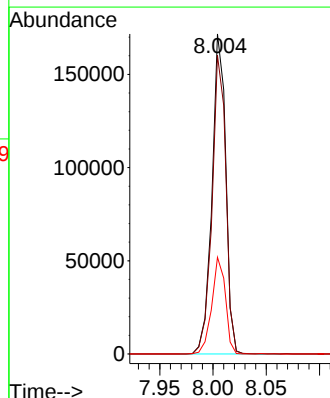
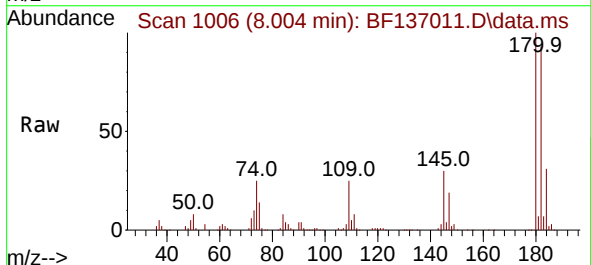
Tgt Ion:180 Resp: 154427

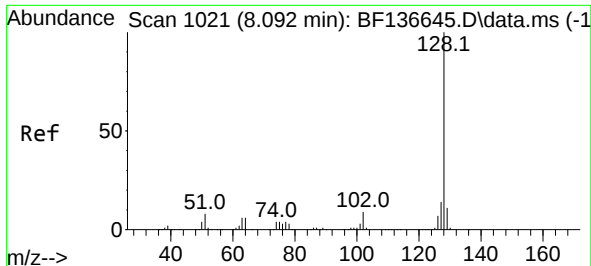
Ion Ratio Lower Upper

180 100

182 93.3 75.4 113.0

145 30.2 23.1 34.7

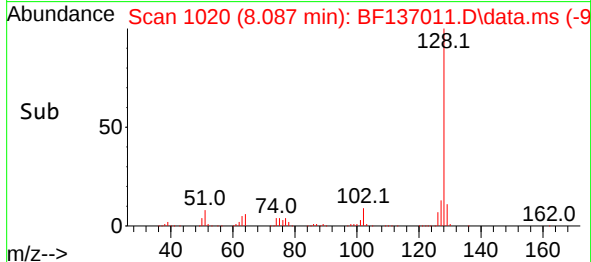
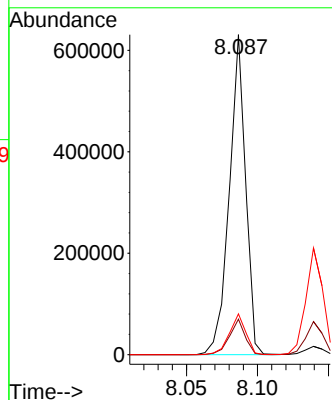
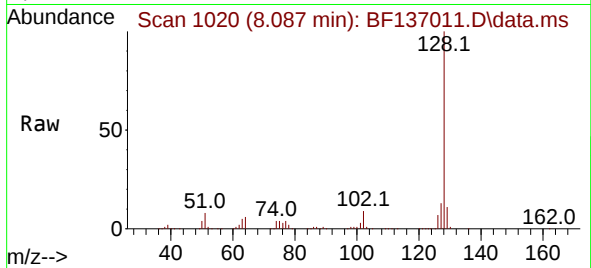




#31
Naphthalene
Concen: 40.255 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

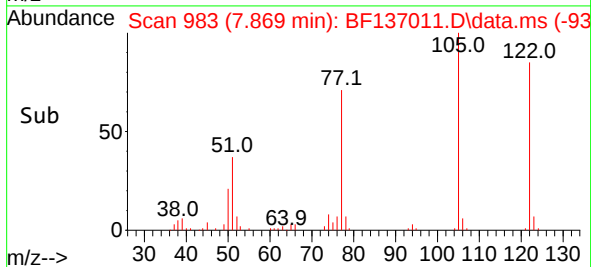
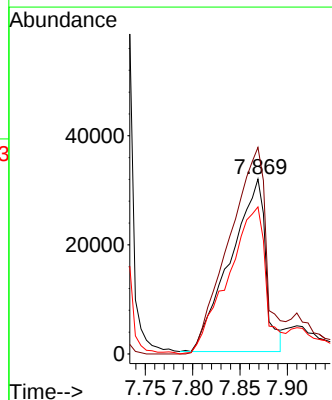
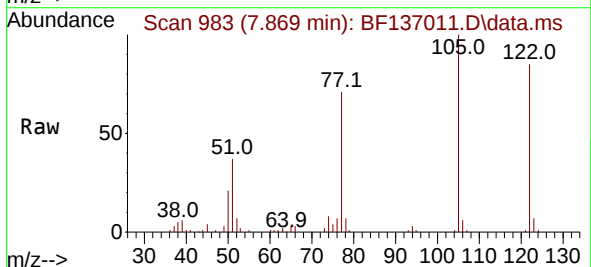
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

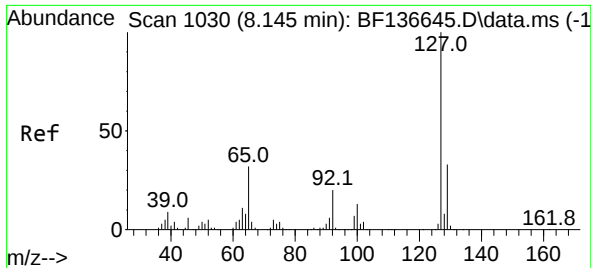
Tgt Ion:128 Resp: 504723
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.8 10.8 16.2



#32
Benzoic acid
Concen: 32.552 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:122 Resp: 81966
Ion Ratio Lower Upper
122 100
105 118.1 100.8 140.8
77 84.0 70.9 110.9

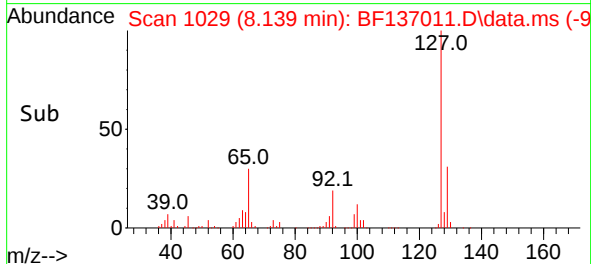
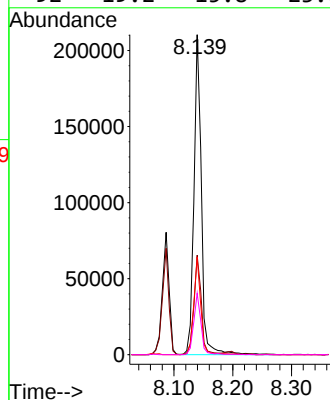
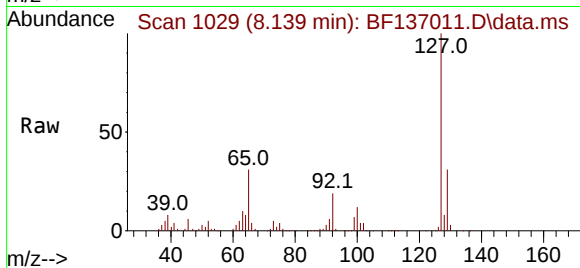




#33
4-Chloroaniline
Concen: 40.142 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

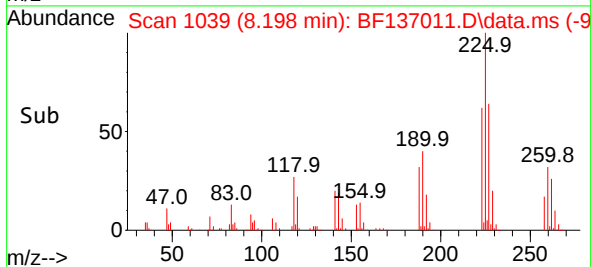
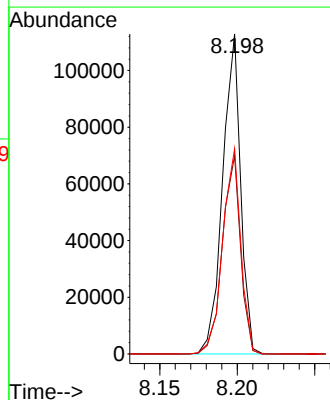
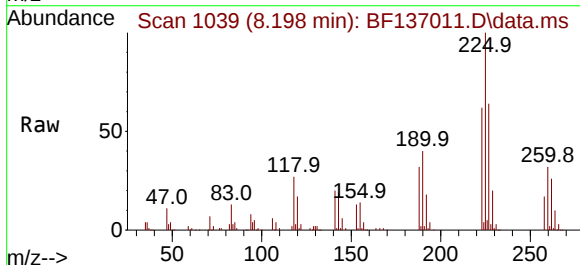
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

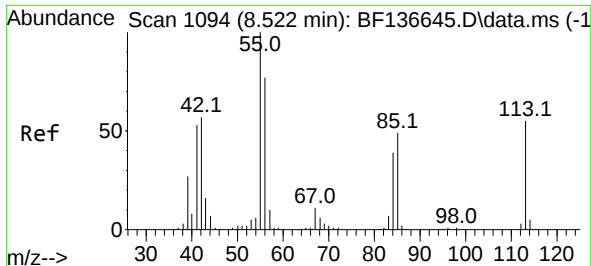
Tgt Ion:	127	Resp:	185826
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.3	39.5
65	30.5	25.8	38.8
92	19.2	15.8	23.6



#34
Hexachlorobutadiene
Concen: 40.138 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:	225	Resp:	91033
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	64.2	51.9	77.9

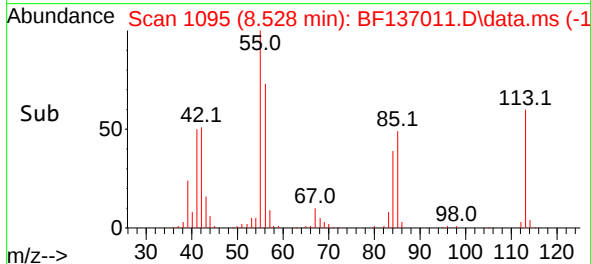
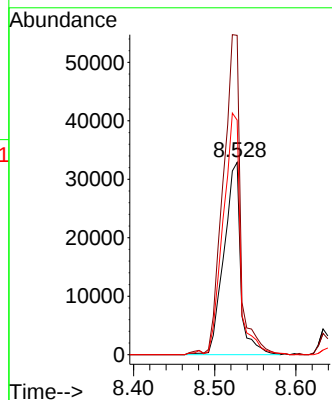
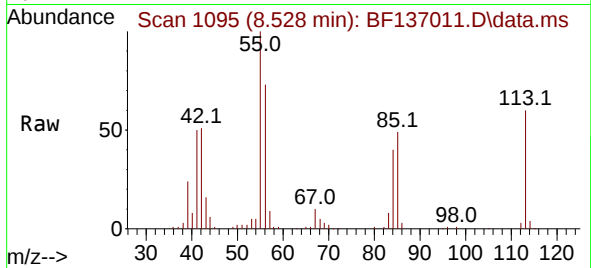




#35
 Caprolactam
 Concen: 42.705 ng
 RT: 8.528 min Scan# 1094
 Delta R.T. 0.006 min
 Lab File: BF137011.D
 Acq: 10 Jan 2024 10:24

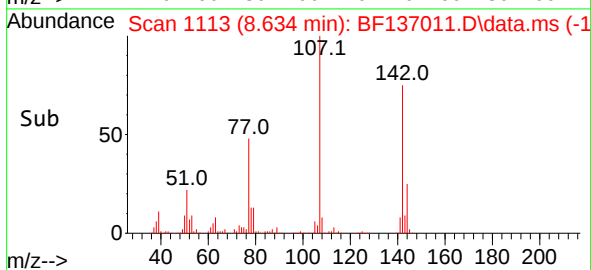
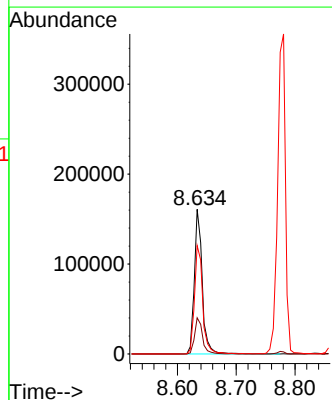
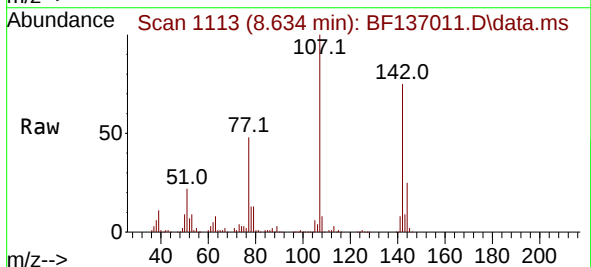
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

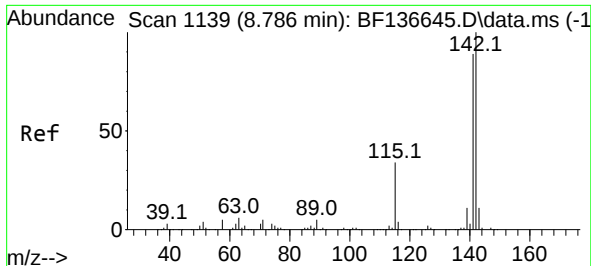
Tgt Ion:113 Resp: 47200
 Ion Ratio Lower Upper
 113 100
 55 166.0 163.1 203.1
 56 121.9 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.070 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF137011.D
 Acq: 10 Jan 2024 10:24

Tgt Ion:107 Resp: 151135
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.2 30.2
 142 74.9 62.3 93.5





#37

2-Methylnaphthalene

Concen: 40.630 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

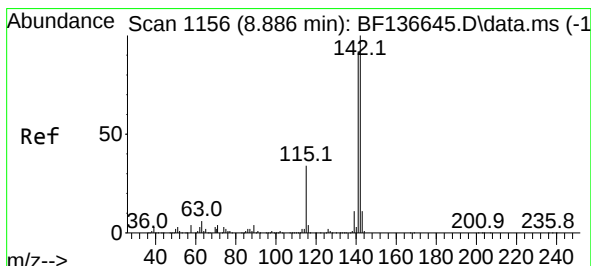
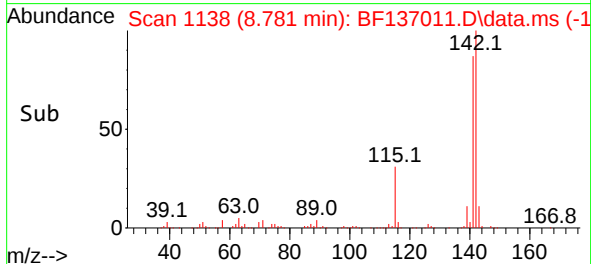
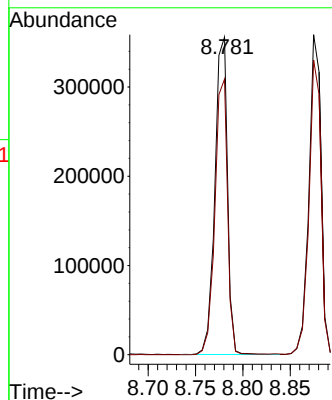
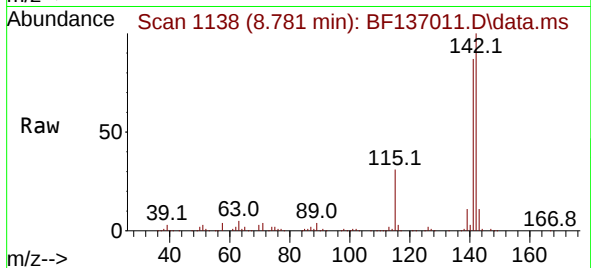
SSTDCCC040

Tgt Ion:142 Resp: 327846

Ion Ratio Lower Upper

142 100

141 86.7 71.1 106.7



#38

1-Methylnaphthalene

Concen: 40.497 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF137011.D

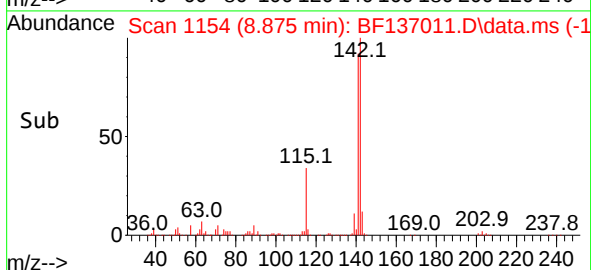
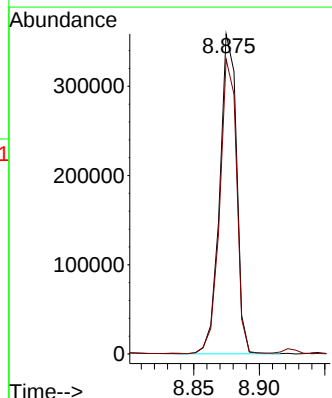
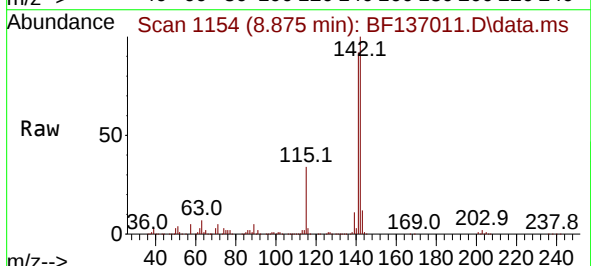
Acq: 10 Jan 2024 10:24

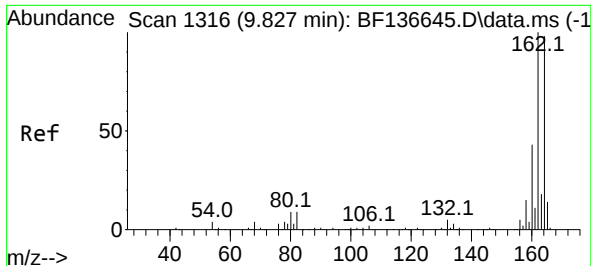
Tgt Ion:142 Resp: 320591

Ion Ratio Lower Upper

142 100

141 92.1 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

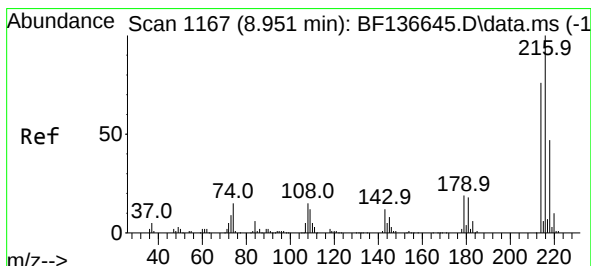
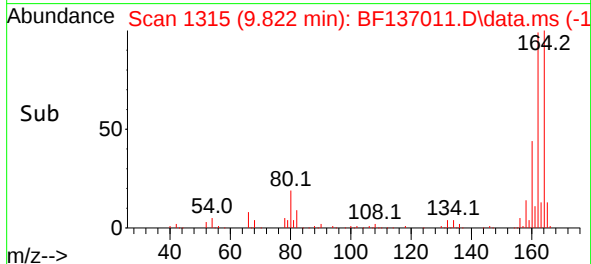
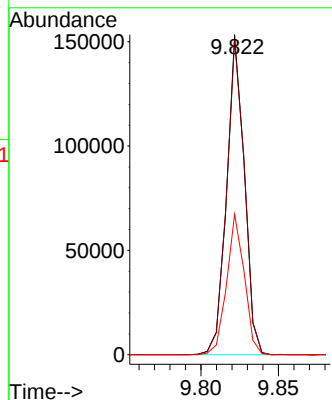
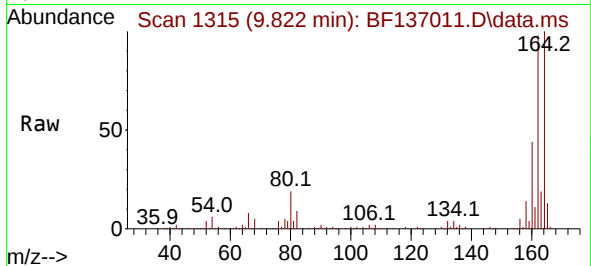
Tgt Ion:164 Resp: 121243

Ion Ratio Lower Upper

164 100

162 98.2 81.6 122.4

160 43.9 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.498 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Tgt Ion:216 Resp: 152064

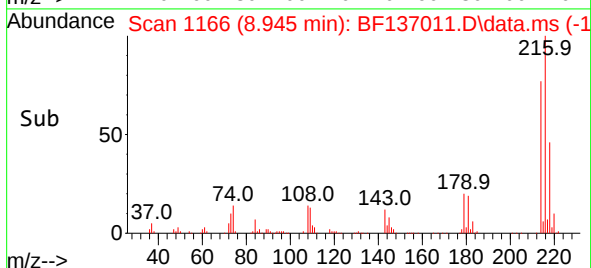
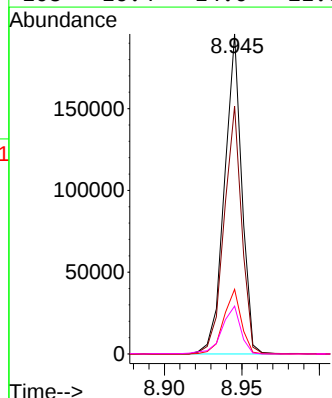
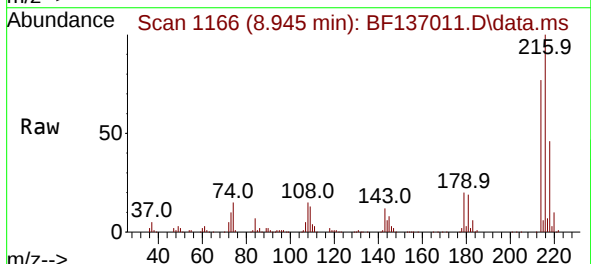
Ion Ratio Lower Upper

216 100

214 78.5 62.3 93.5

179 20.4 16.4 24.6

108 16.4 14.0 21.0

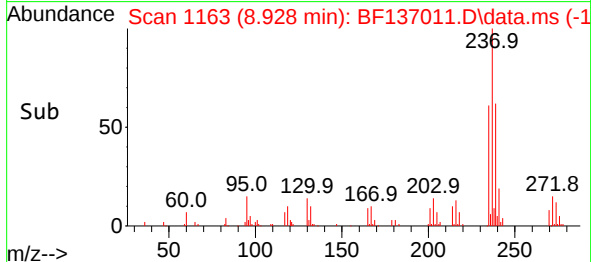
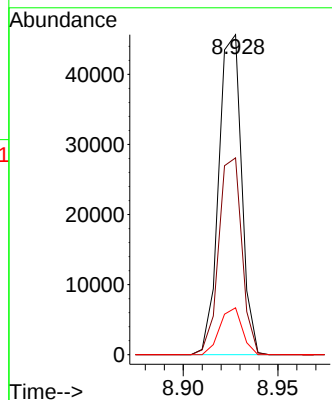
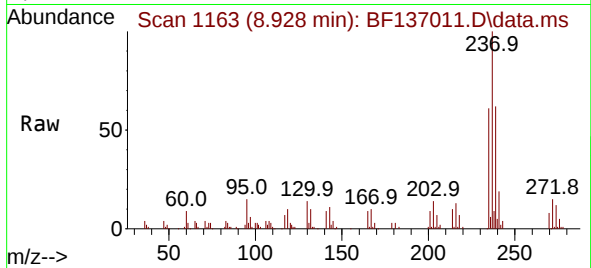




#41
Hexachlorocyclopentadiene
Concen: 34.996 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

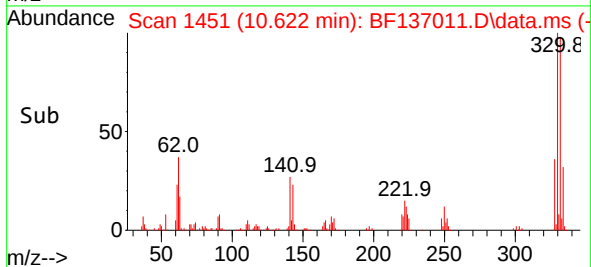
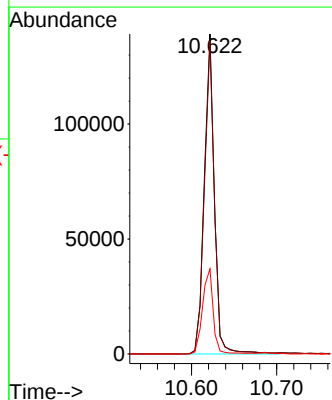
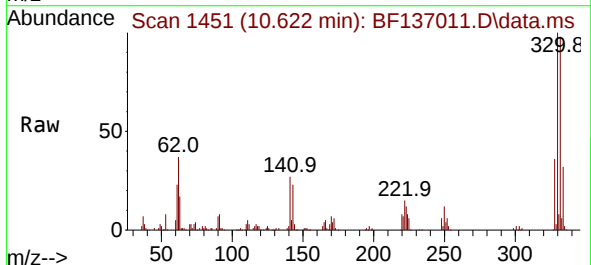
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 38383
Ion Ratio Lower Upper
237 100
235 61.5 43.2 83.2
272 14.7 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 80.168 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:330 Resp: 114473
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 28.0 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 40.511 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

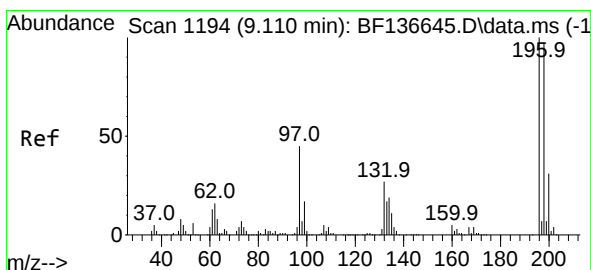
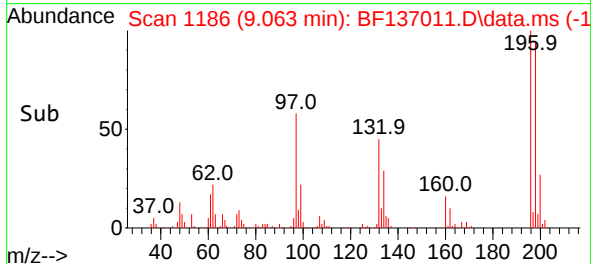
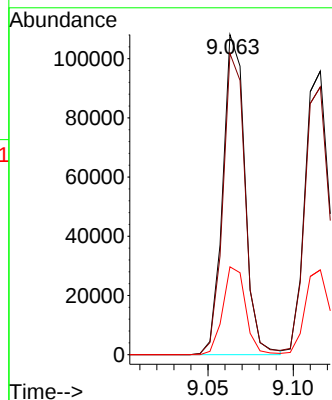
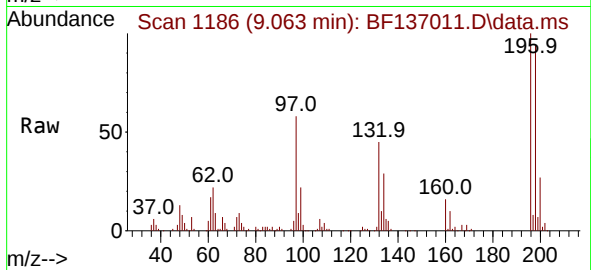
Tgt Ion:196 Resp: 97553

Ion Ratio Lower Upper

196 100

198 94.1 75.1 112.7

200 27.5 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 38.540 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Tgt Ion:196 Resp: 103419

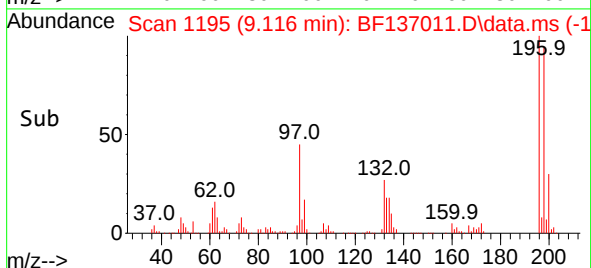
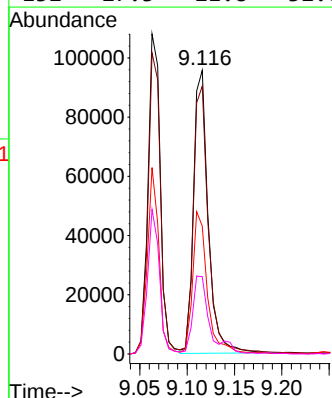
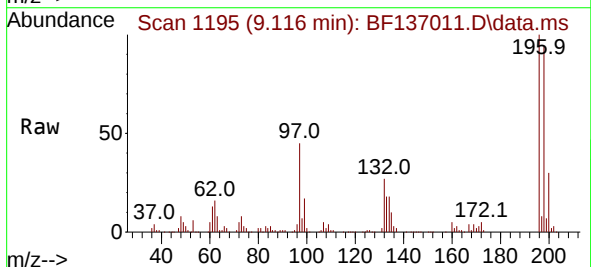
Ion Ratio Lower Upper

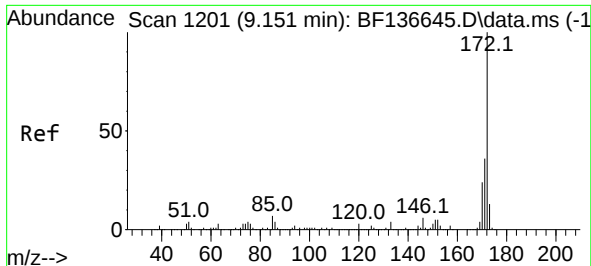
196 100

198 94.5 77.0 115.6

97 45.1 36.1 54.1

132 27.3 21.8 32.6

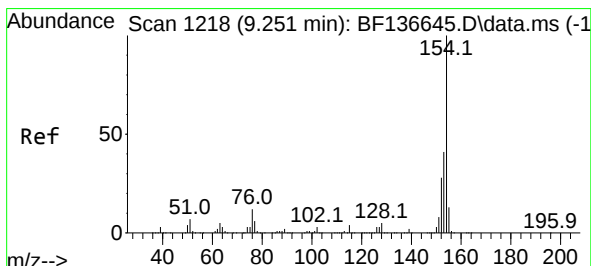
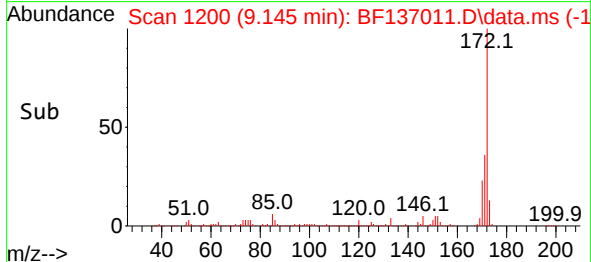
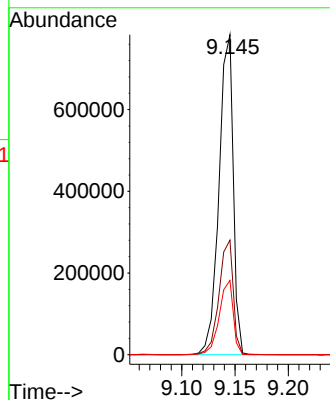
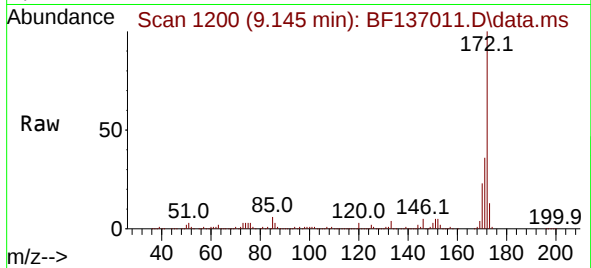




#45
2-Fluorobiphenyl
Concen: 80.821 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

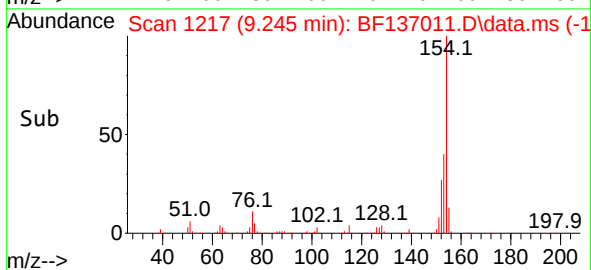
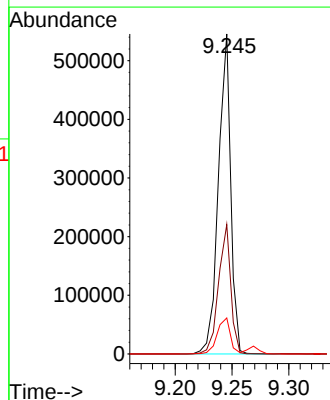
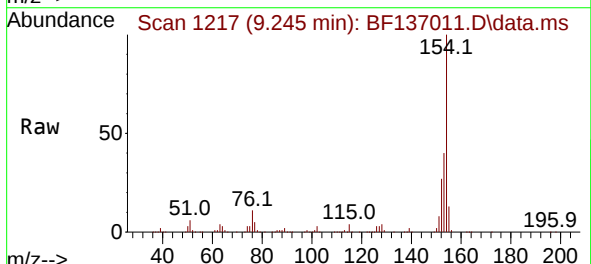
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

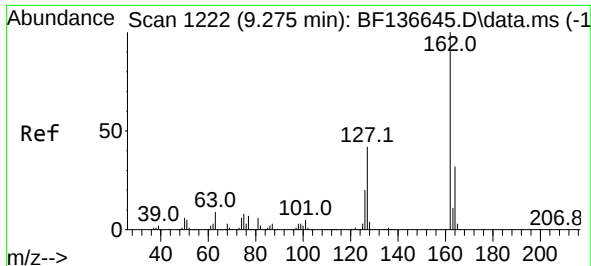
Tgt Ion:172 Resp: 728555
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 40.479 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:154 Resp: 411839
Ion Ratio Lower Upper
154 100
153 40.4 21.1 61.1
76 11.2 0.0 31.7





#47

2-Chloronaphthalene

Concen: 40.568 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

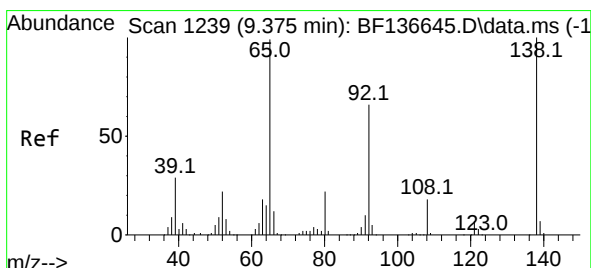
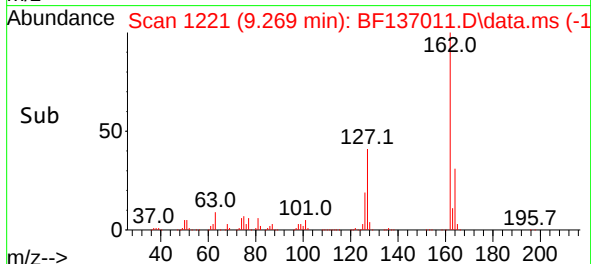
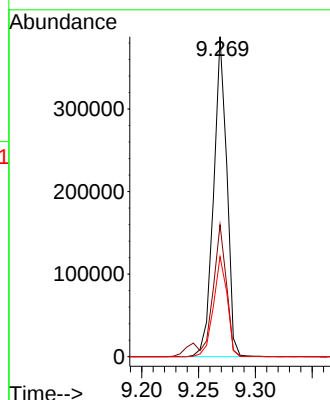
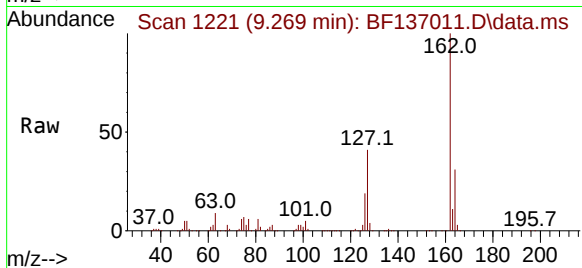
Tgt Ion:162 Resp: 313773

Ion Ratio Lower Upper

162 100

127 41.2 33.6 50.4

164 31.3 25.7 38.5



#48

2-Nitroaniline

Concen: 39.651 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

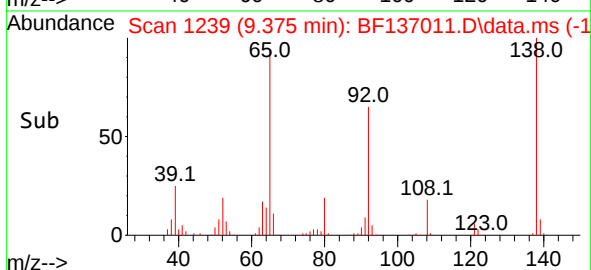
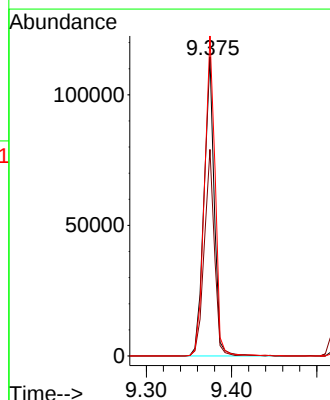
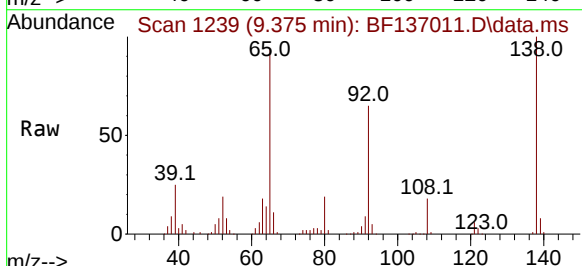
Tgt Ion: 65 Resp: 96036

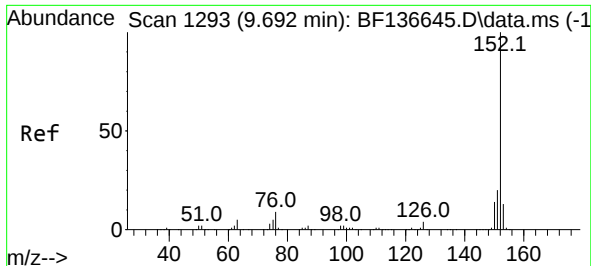
Ion Ratio Lower Upper

65 100

92 69.0 53.2 79.8

138 106.9 81.1 121.7





#49

Acenaphthylene

Concen: 40.349 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

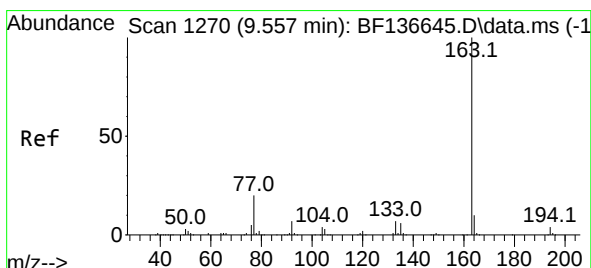
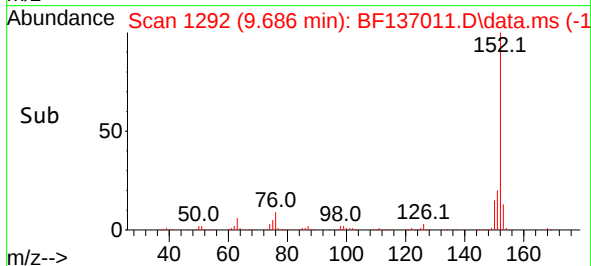
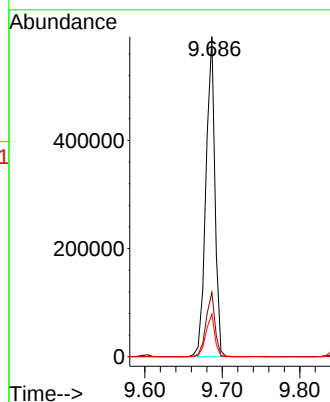
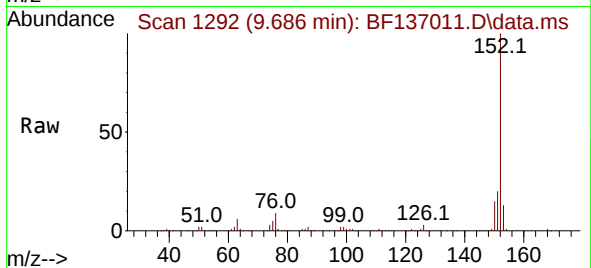
Tgt Ion:152 Resp: 477017

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 13.2 10.2 15.2



#50

Dimethylphthalate

Concen: 40.270 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

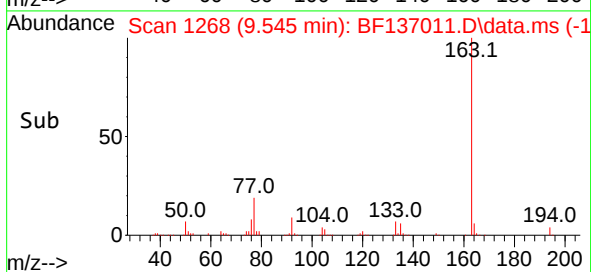
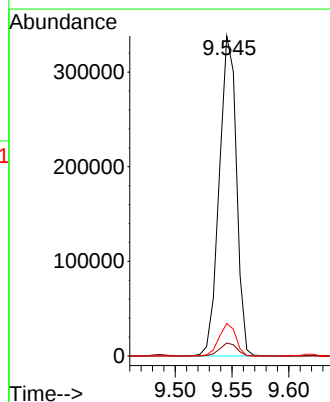
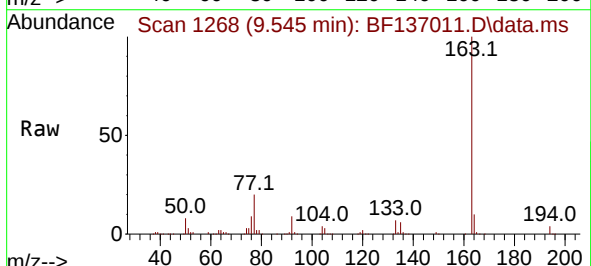
Tgt Ion:163 Resp: 356627

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.1 7.8 11.6

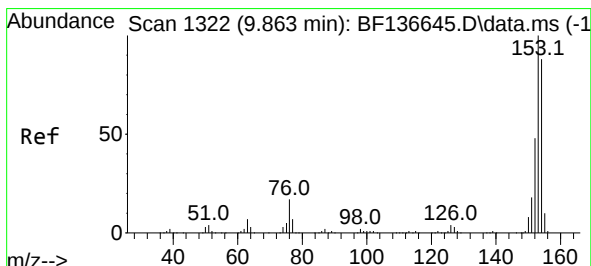
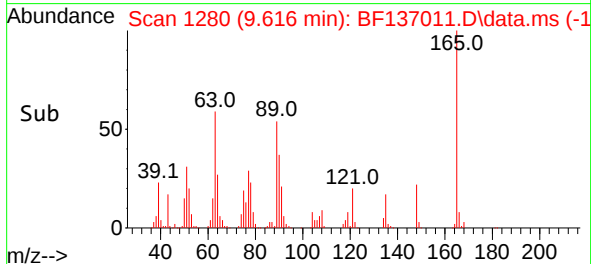
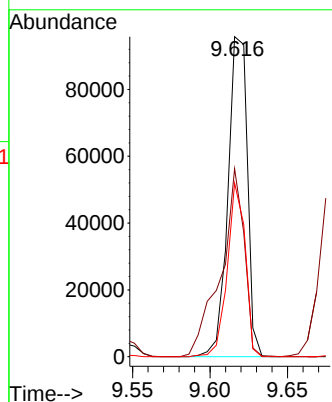
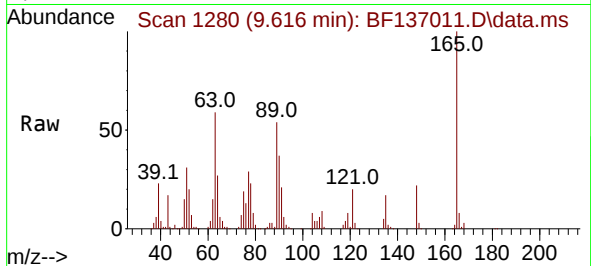




#51
2,6-Dinitrotoluene
Concen: 41.562 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

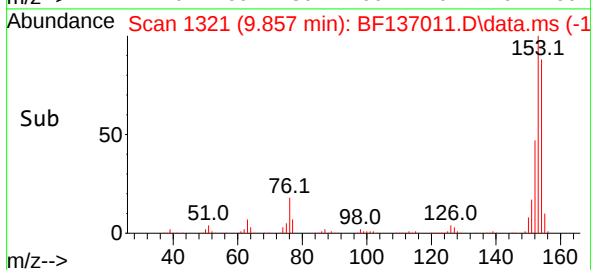
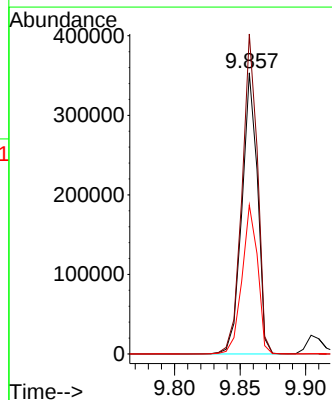
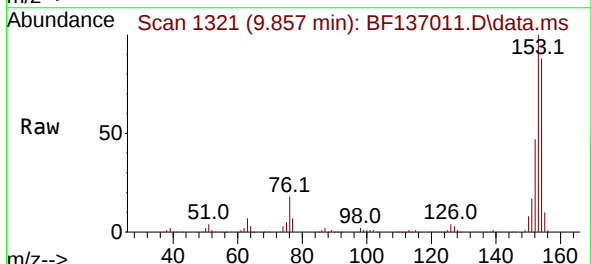
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

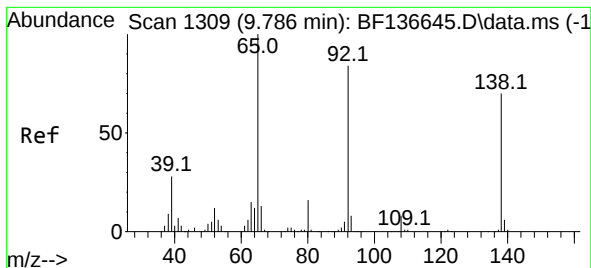
Tgt Ion:165 Resp: 83533
Ion Ratio Lower Upper
165 100
63 58.8 39.8 59.6
89 54.2 38.8 58.2



#52
Acenaphthene
Concen: 39.919 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:154 Resp: 292538
Ion Ratio Lower Upper
154 100
153 113.8 90.7 136.1
152 53.0 43.7 65.5





#53

3-Nitroaniline

Concen: 40.572 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

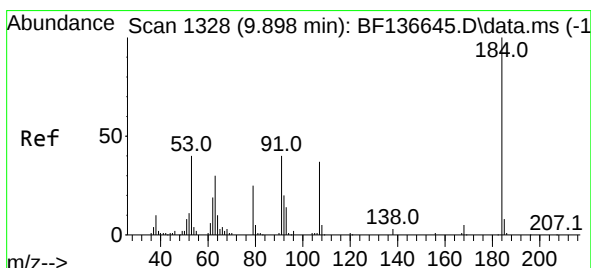
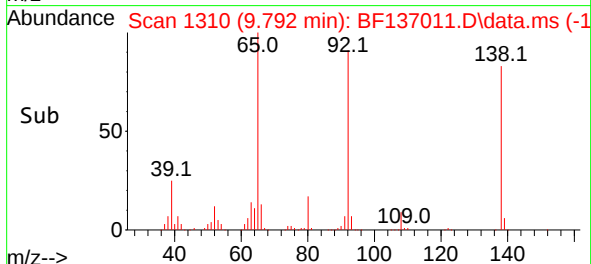
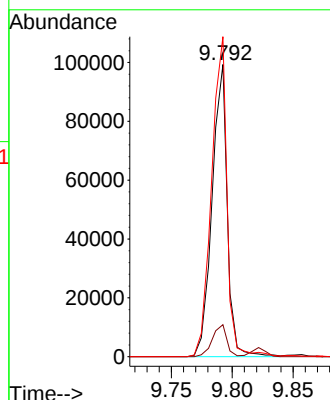
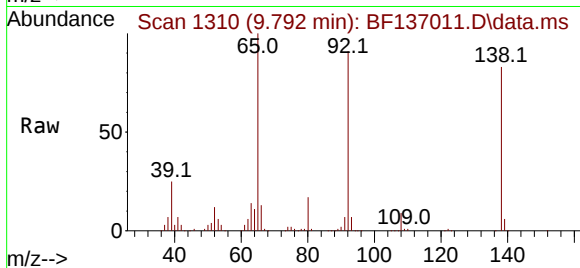
Tgt Ion:138 Resp: 86380

Ion Ratio Lower Upper

138 100

108 11.0 8.6 12.8

92 109.5 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 39.088 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

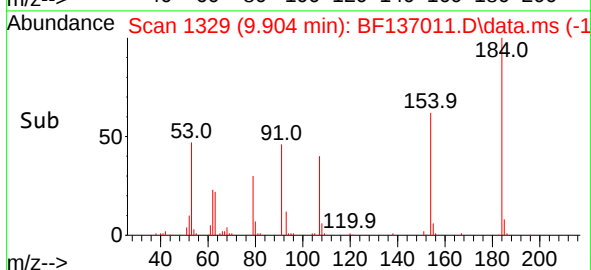
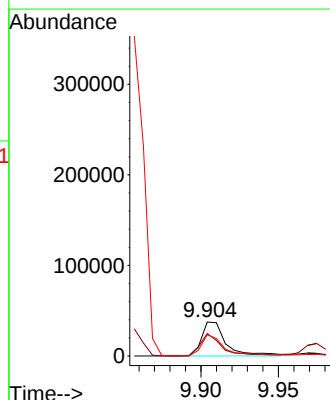
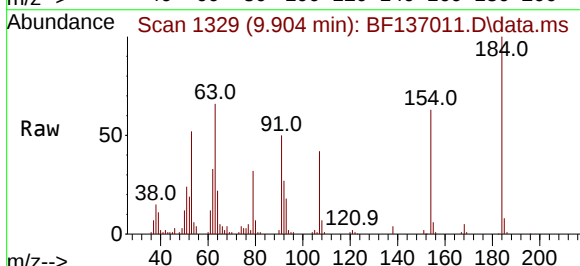
Tgt Ion:184 Resp: 41309

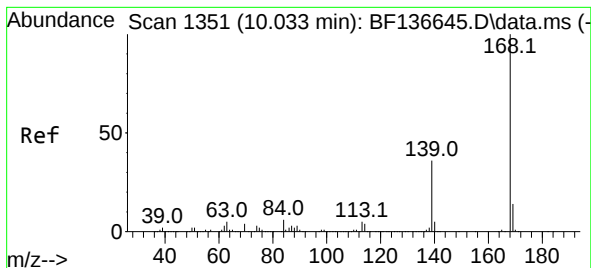
Ion Ratio Lower Upper

184 100

63 66.1 40.9 61.3#

154 62.8 42.7 64.1





#55

Dibenzofuran

Concen: 39.513 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

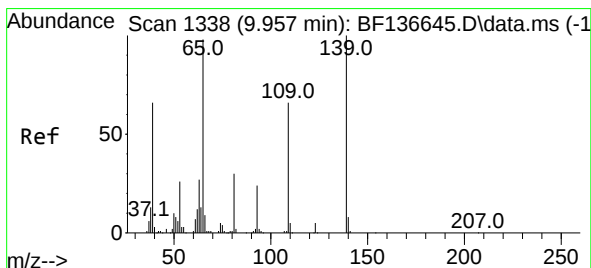
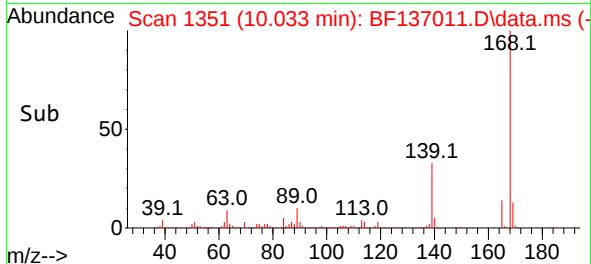
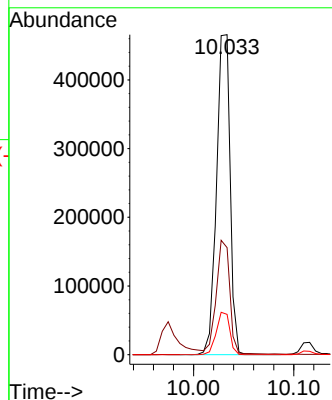
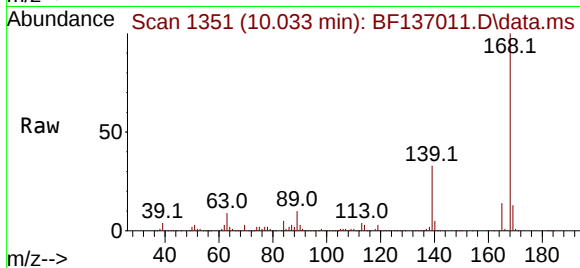
Tgt Ion:168 Resp: 438944

Ion Ratio Lower Upper

168 100

139 33.5 29.3 43.9

169 12.6 11.0 16.4



#56

4-Nitrophenol

Concen: 39.996 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.018 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

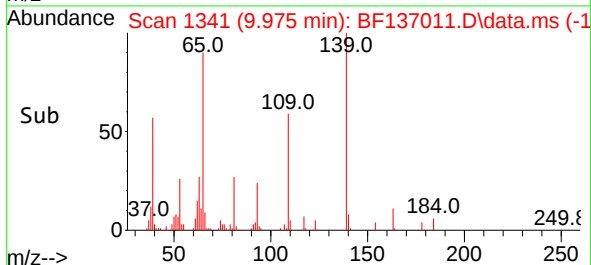
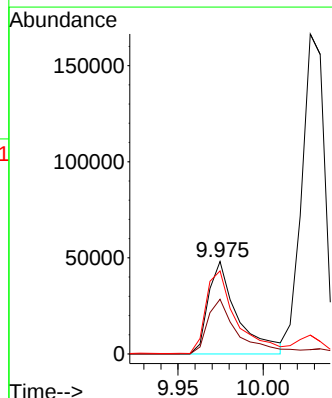
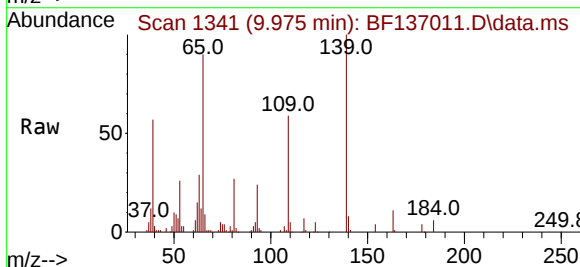
Tgt Ion:139 Resp: 57484

Ion Ratio Lower Upper

139 100

109 59.3 45.8 85.8

65 89.9 77.8 117.8

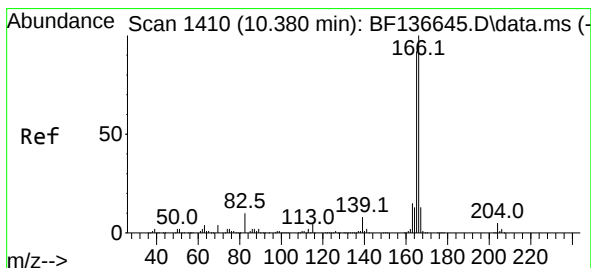
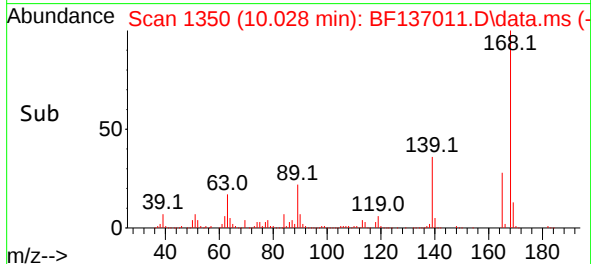
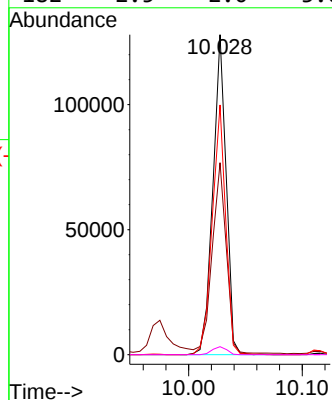
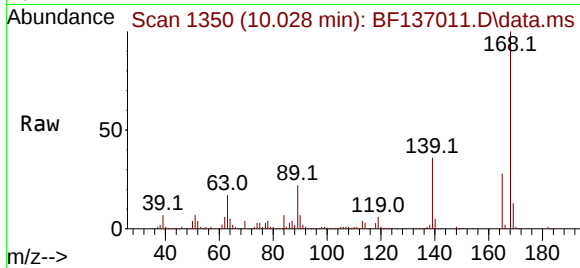




#57
2,4-Dinitrotoluene
Concen: 39.719 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

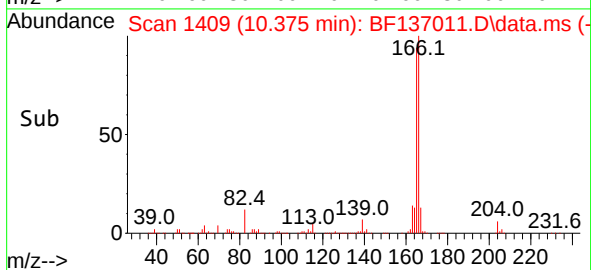
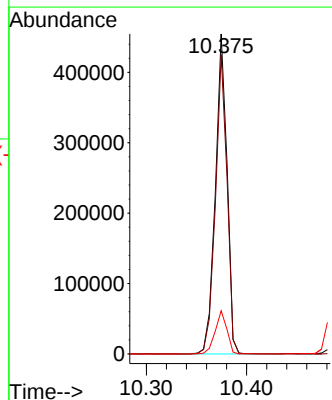
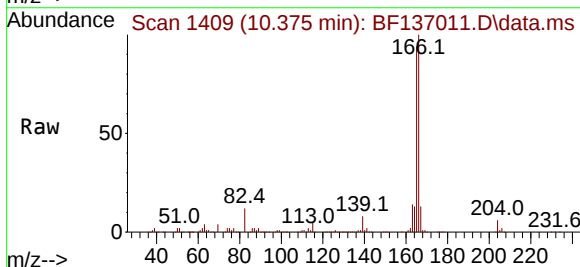
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 103635
Ion Ratio Lower Upper
165 100
63 60.0 41.0 61.6
89 78.1 59.9 89.9
182 2.5 2.0 3.0



#58
Fluorene
Concen: 41.622 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:166 Resp: 366872
Ion Ratio Lower Upper
166 100
165 93.6 73.7 110.5
167 13.5 10.4 15.6

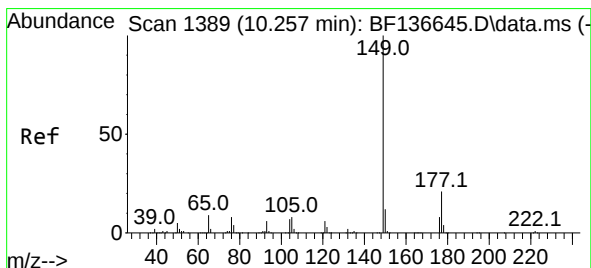
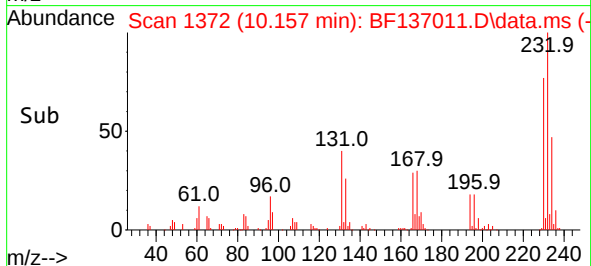
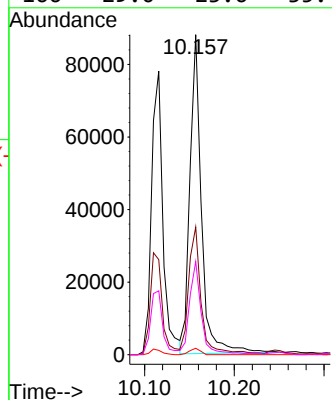
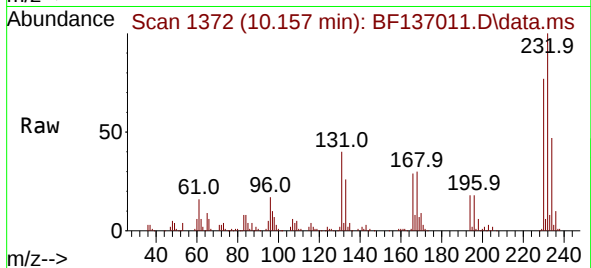




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.094 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

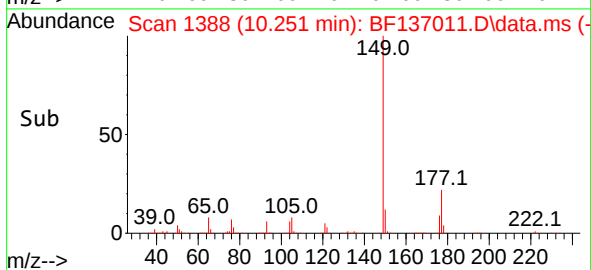
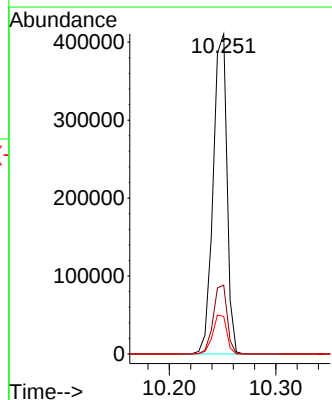
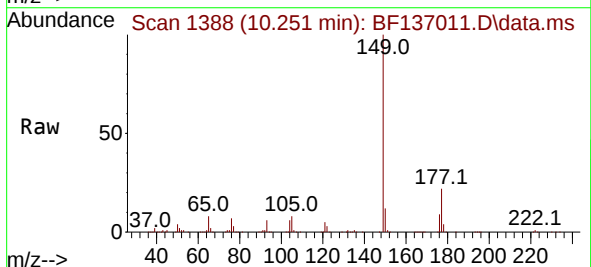
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

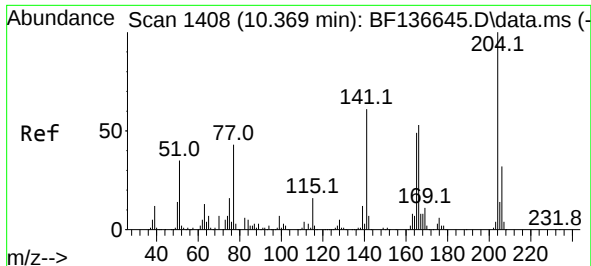
Tgt Ion:232 Resp: 78689
Ion Ratio Lower Upper
232 100
131 43.1 35.1 52.7
130 1.9 1.6 2.4
166 29.0 23.6 35.4



#60
Diethylphthalate
Concen: 40.248 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:149 Resp: 369823
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 11.8 9.3 13.9

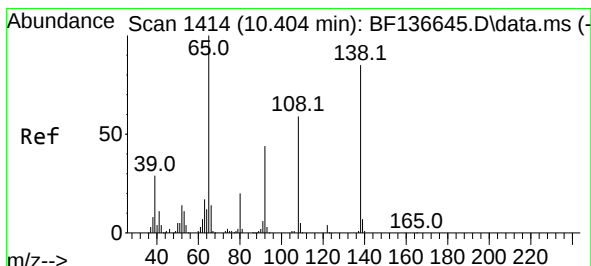
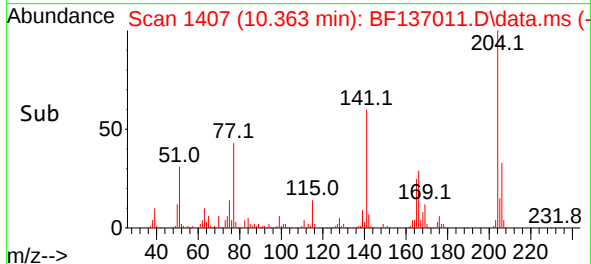
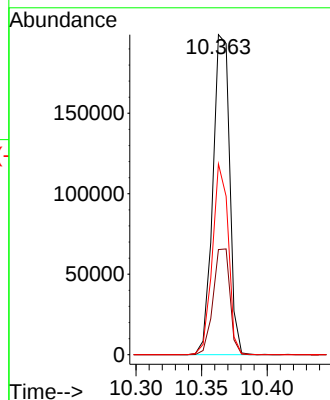
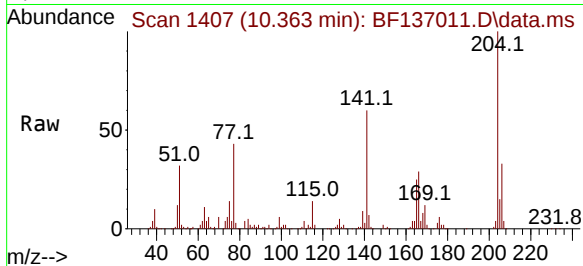




#61
4-Chlorophenyl-phenylether
Concen: 41.175 ng
RT: 10.363 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

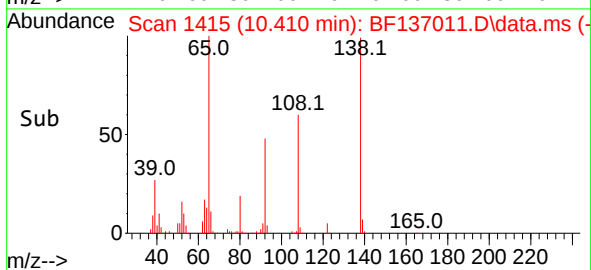
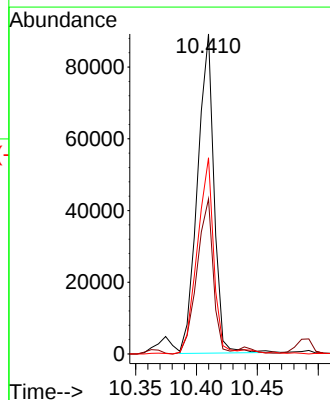
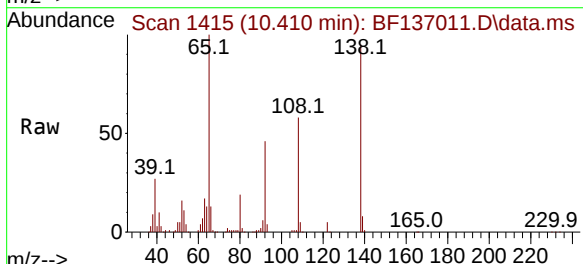
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

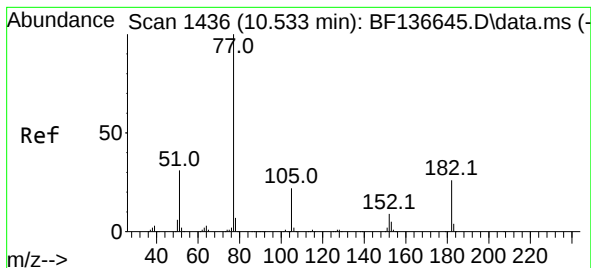
Tgt Ion:204 Resp: 176410
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 59.6 48.4 72.6



#62
4-Nitroaniline
Concen: 40.861 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:138 Resp: 83865
Ion Ratio Lower Upper
138 100
92 48.5 32.1 72.1
108 61.3 50.1 90.1





#63

Azobenzene

Concen: 38.825 ng

RT: 10.528 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 333202

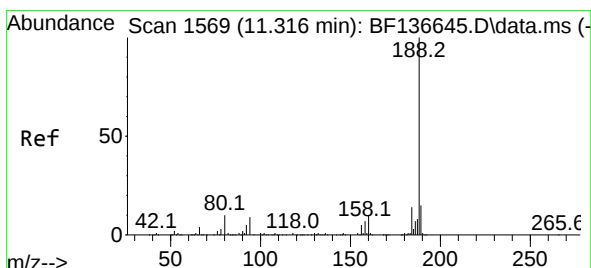
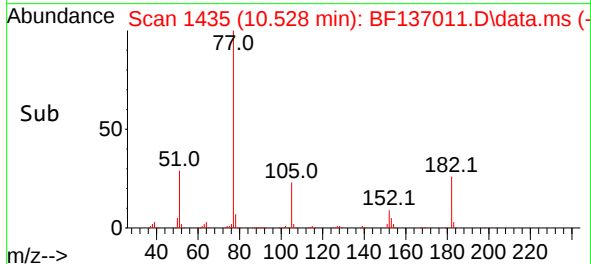
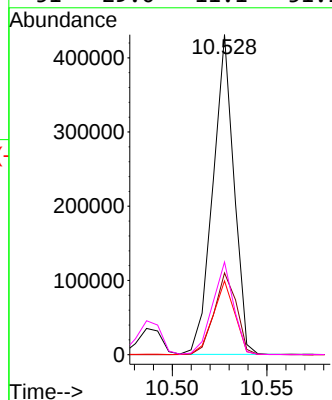
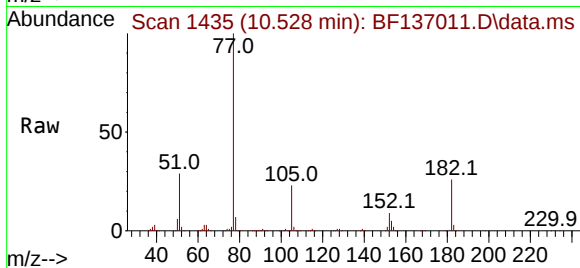
Ion Ratio Lower Upper

77 100

182 25.5 6.0 46.0

105 23.1 2.3 42.3

51 29.0 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

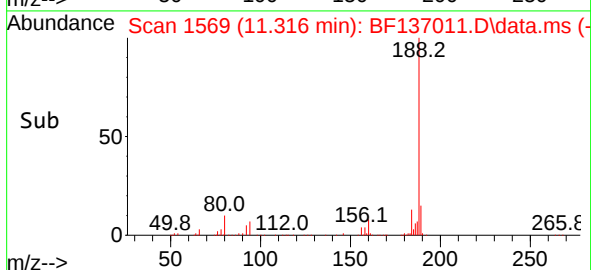
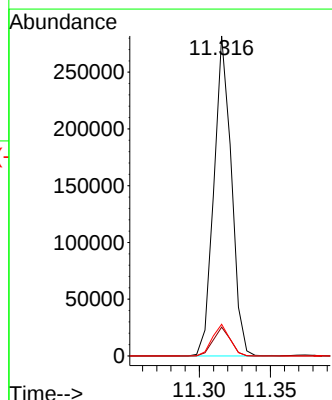
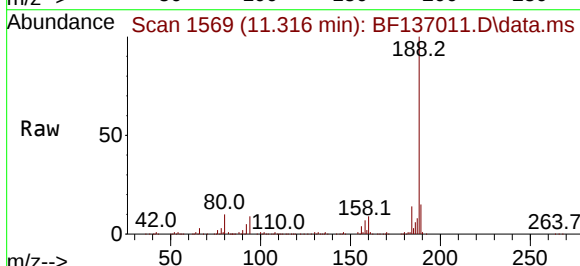
Tgt Ion: 188 Resp: 240878

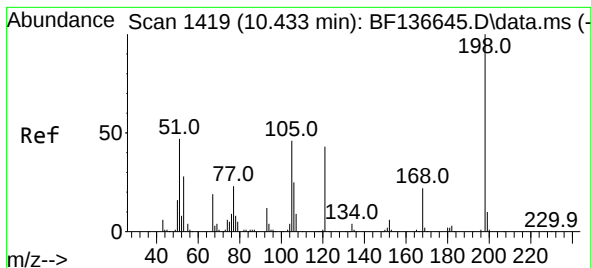
Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.9 8.1 12.1

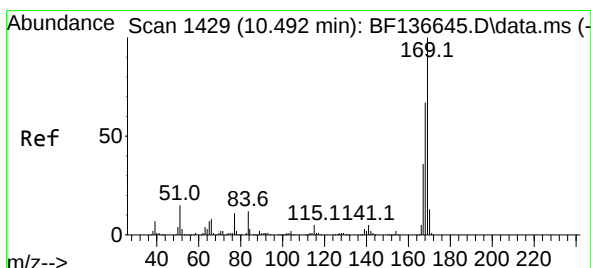
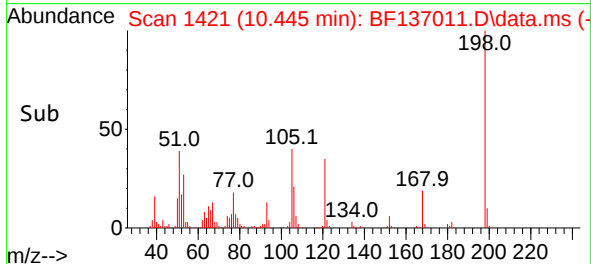
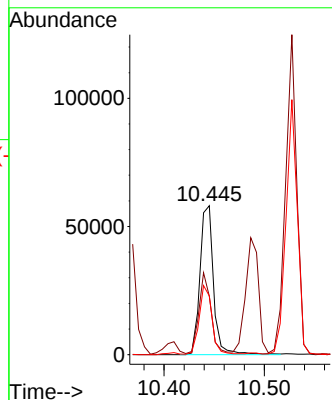
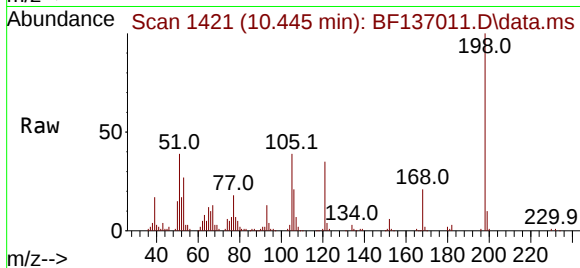




#65
4,6-Dinitro-2-methylphenol
Concen: 39.862 ng
RT: 10.445 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

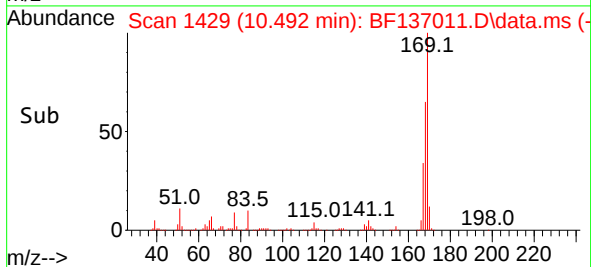
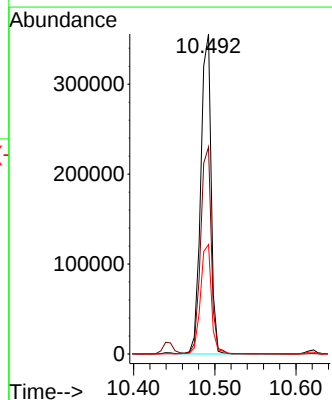
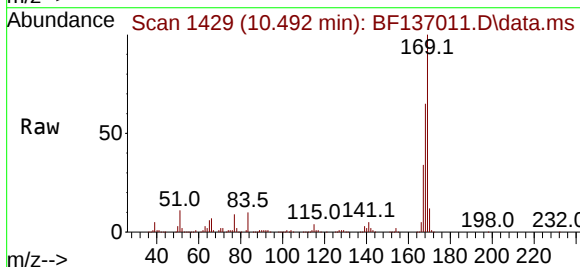
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 55028
Ion Ratio Lower Upper
198 100
51 39.2 34.1 74.1
105 39.4 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.243 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:169 Resp: 314891
Ion Ratio Lower Upper
169 100
168 64.6 53.8 80.6
167 34.2 28.7 43.1

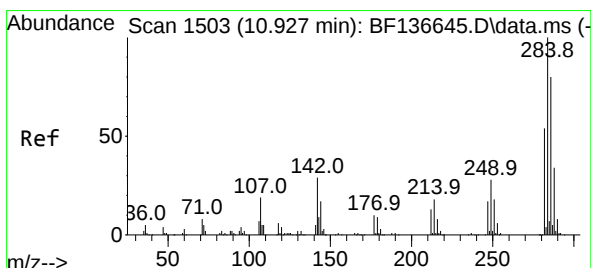
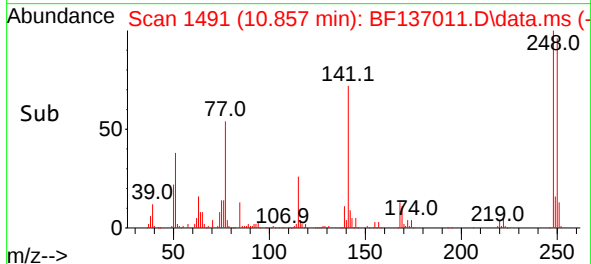
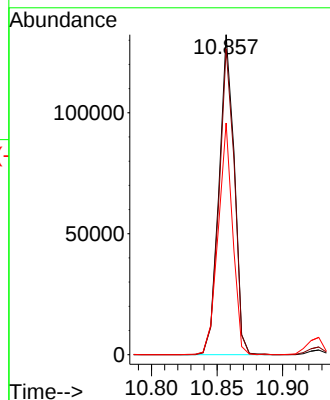
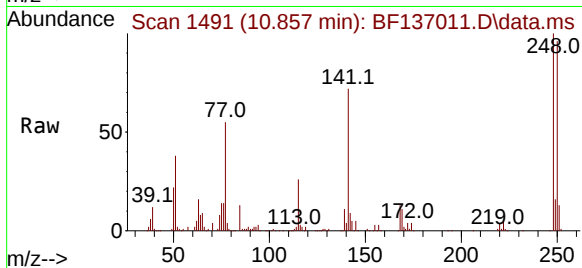




#67
4-Bromophenyl-phenylether
Concen: 39.989 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

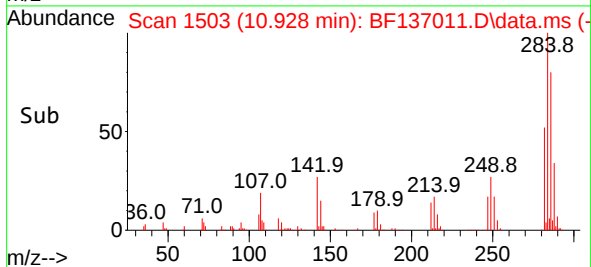
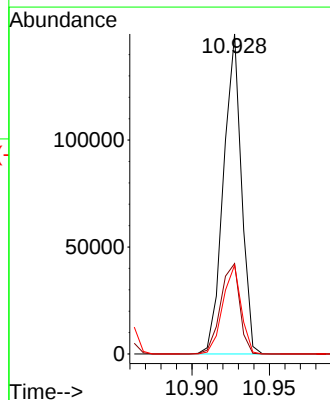
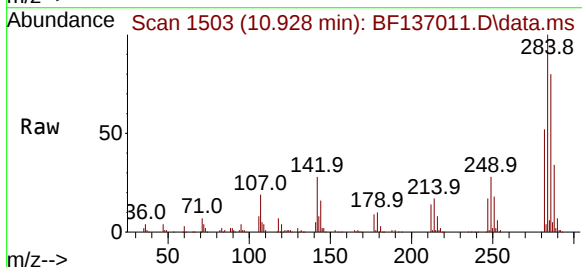
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 106976
Ion Ratio Lower Upper
248 100
250 95.6 77.8 116.6
141 72.4 59.2 88.8



#68
Hexachlorobenzene
Concen: 40.443 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:284 Resp: 120567
Ion Ratio Lower Upper
284 100
142 28.2 23.4 35.0
249 27.7 22.3 33.5





#69

Atrazine

Concen: 39.524 ng

RT: 11.022 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

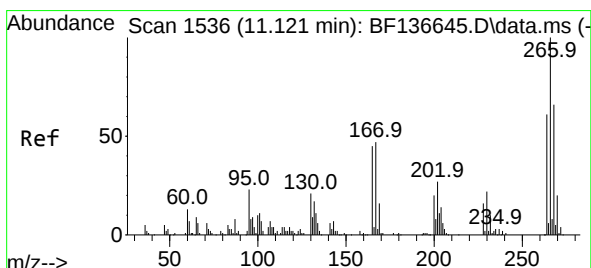
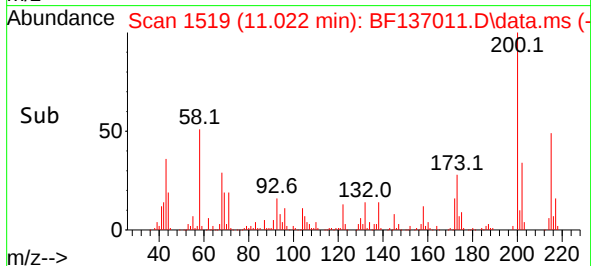
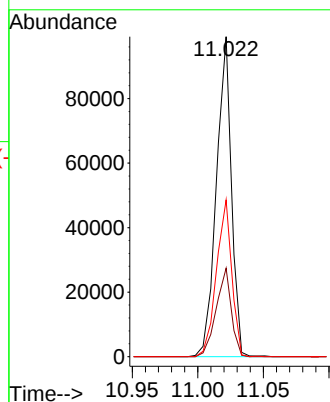
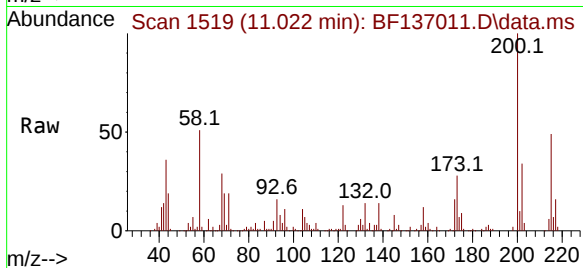
Tgt Ion:200 Resp: 79101

Ion Ratio Lower Upper

200 100

173 27.7 7.6 47.6

215 49.0 28.3 68.3



#70

Pentachlorophenol

Concen: 32.773 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

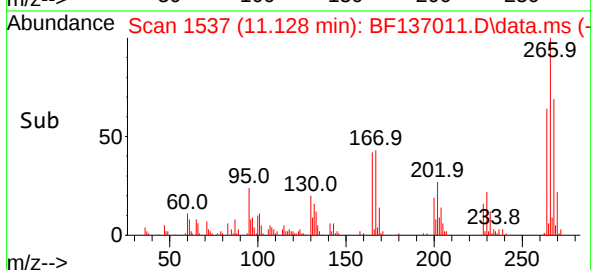
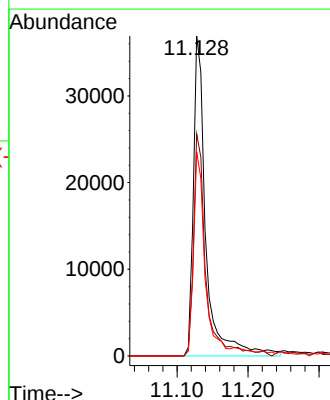
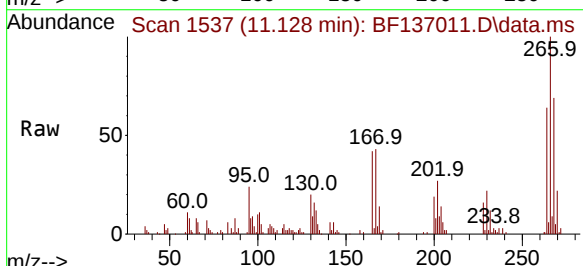
Tgt Ion:266 Resp: 45540

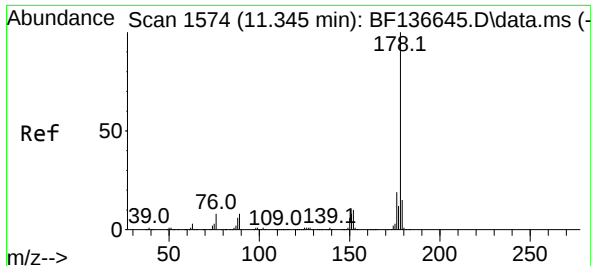
Ion Ratio Lower Upper

266 100

268 69.4 52.6 78.8

264 63.8 49.0 73.4

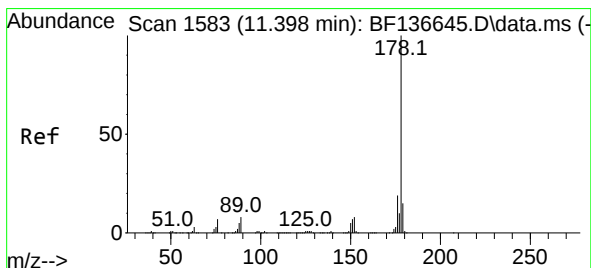
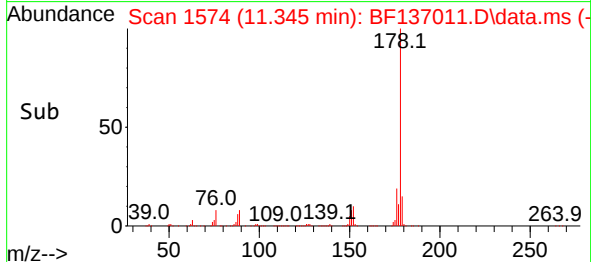
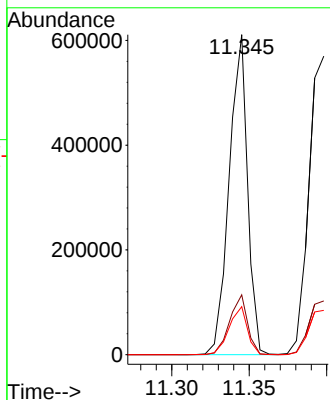
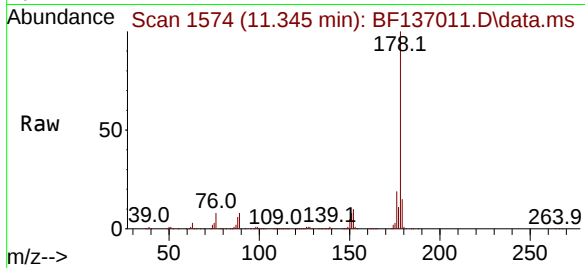




#71
Phenanthrene
Concen: 40.699 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

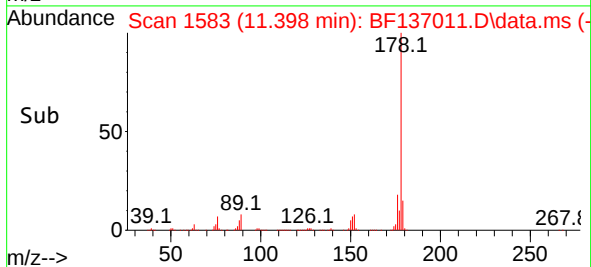
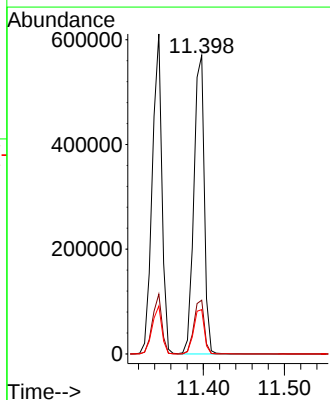
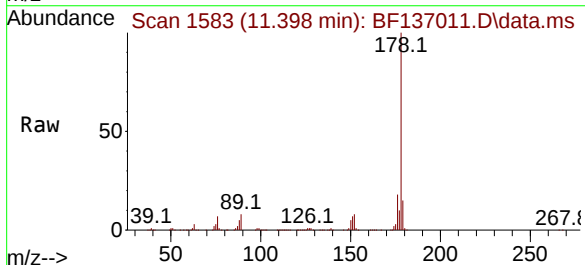
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

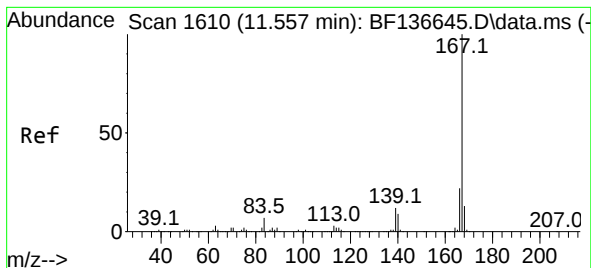
Tgt Ion:178 Resp: 503022
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.0 11.9 17.9



#72
Anthracene
Concen: 40.829 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:178 Resp: 511061
Ion Ratio Lower Upper
178 100
176 18.0 14.9 22.3
179 14.8 11.8 17.6





#73

Carbazole

Concen: 40.636 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

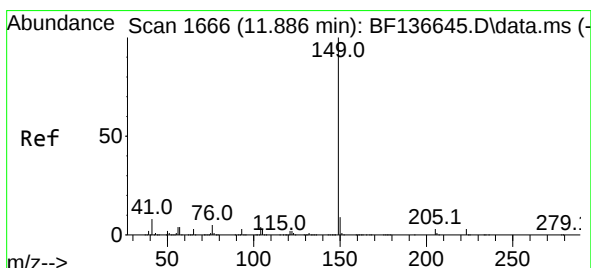
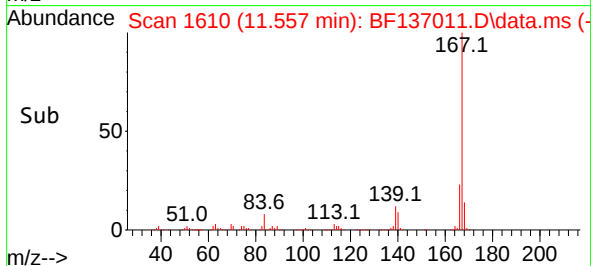
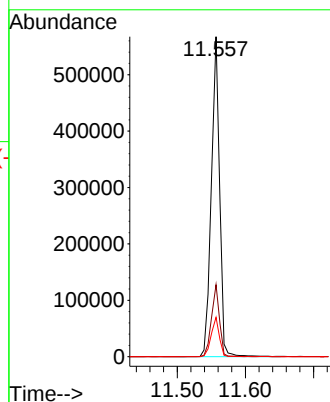
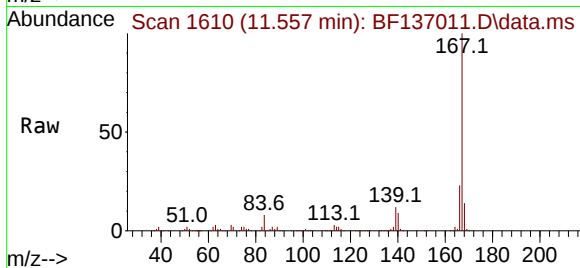
Tgt Ion:167 Resp: 479555

Ion Ratio Lower Upper

167 100

166 22.5 17.3 25.9

139 12.3 9.8 14.6



#74

Di-n-butylphthalate

Concen: 41.097 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

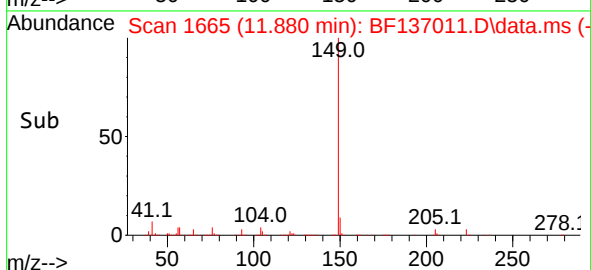
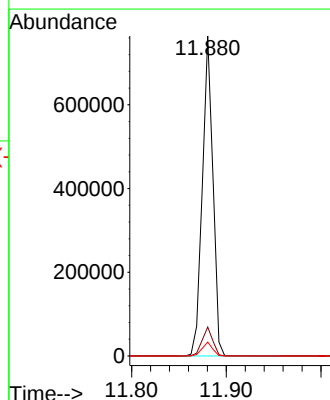
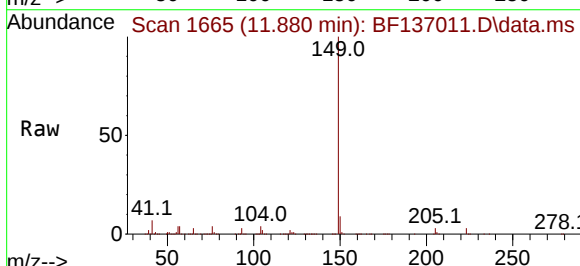
Tgt Ion:149 Resp: 591807

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.3 3.6 5.4

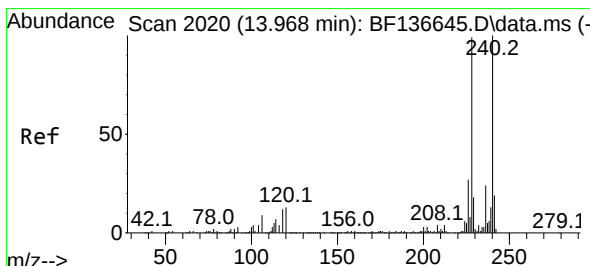
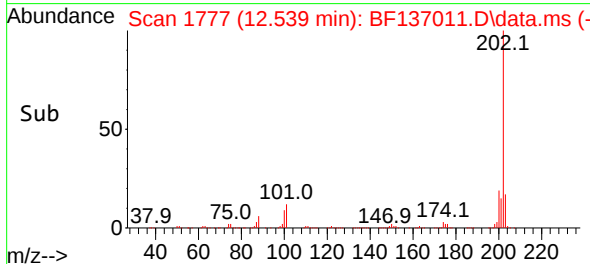
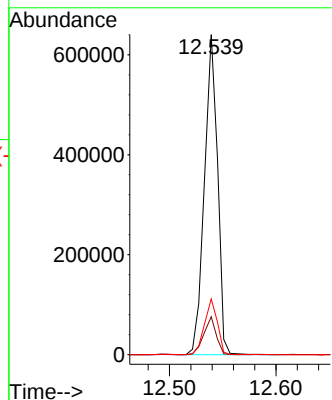
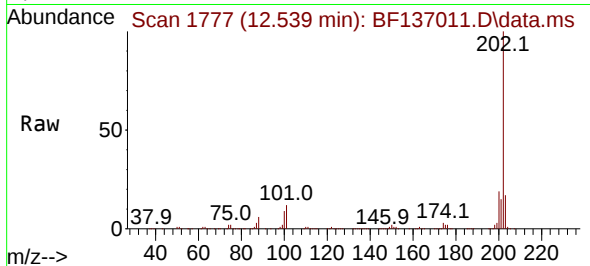




#75
Fluoranthene
Concen: 41.600 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

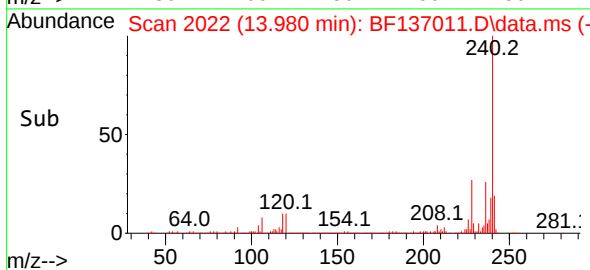
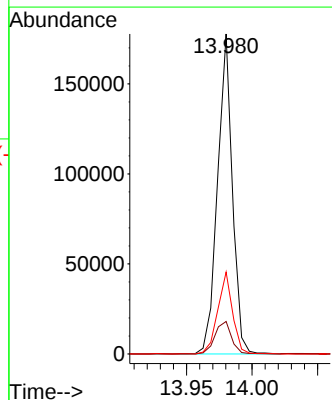
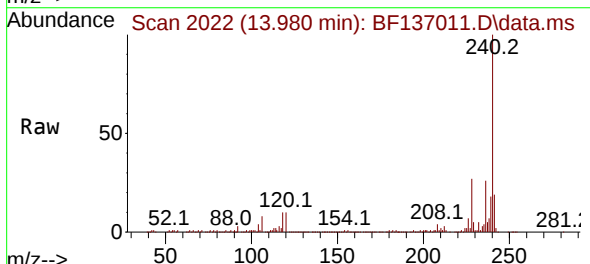
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

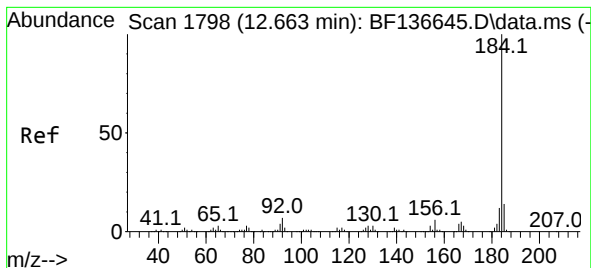
Tgt Ion:202 Resp: 549968
Ion Ratio Lower Upper
202 100
101 11.8 0.0 29.3
203 17.4 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:240 Resp: 139609
Ion Ratio Lower Upper
240 100
120 10.2 10.3 15.5#
236 25.6 19.4 29.2





#77

Benzidine

Concen: 41.855 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

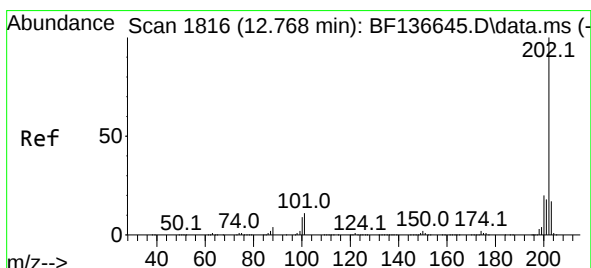
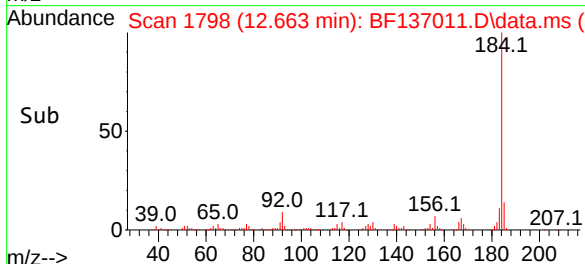
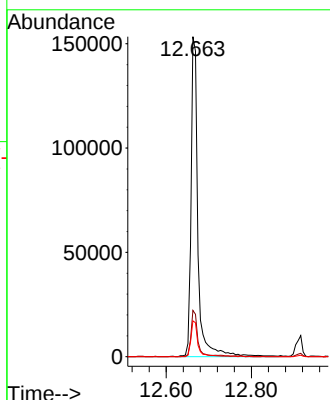
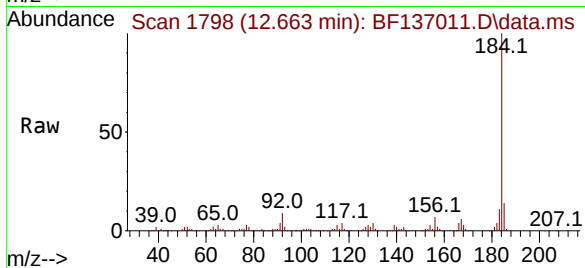
Tgt Ion:184 Resp: 172294

Ion Ratio Lower Upper

184 100

185 14.5 11.2 16.8

183 11.2 9.3 13.9



#78

Pyrene

Concen: 41.352 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

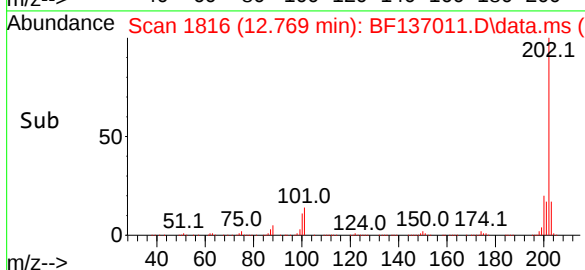
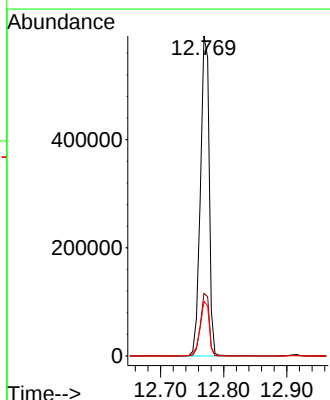
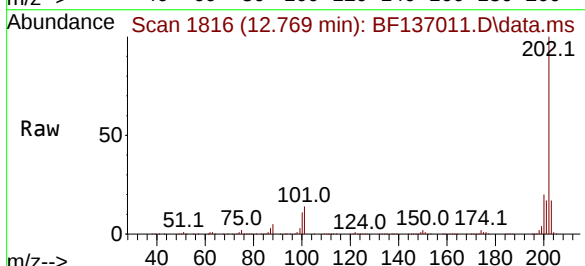
Tgt Ion:202 Resp: 566726

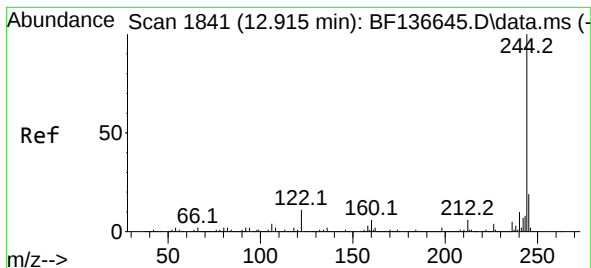
Ion Ratio Lower Upper

202 100

200 19.5 15.9 23.9

203 17.0 13.8 20.6





#79

Terphenyl-d14

Concen: 83.560 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF137011.D

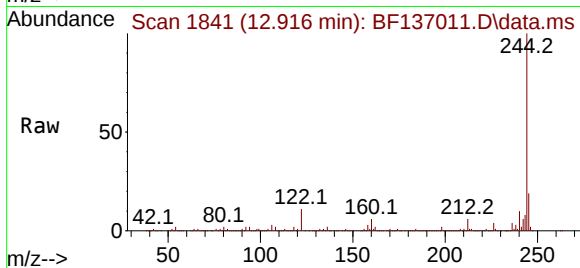
Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



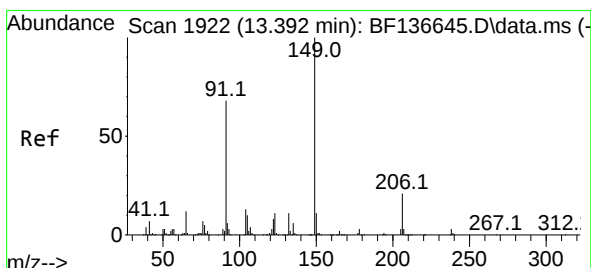
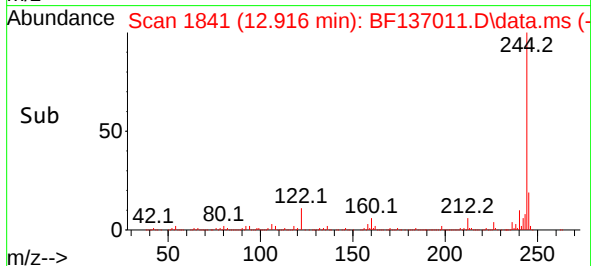
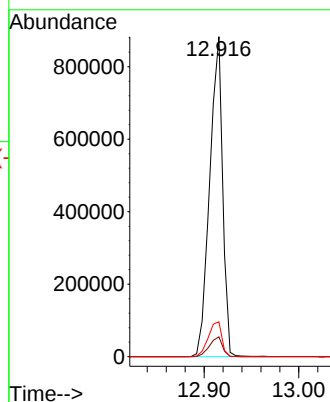
Tgt Ion:244 Resp: 834779

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 10.9 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.729 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

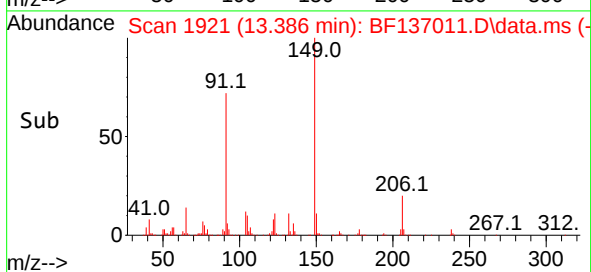
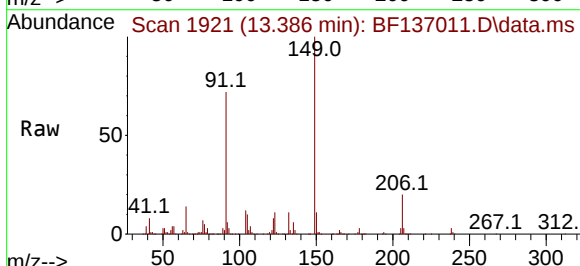
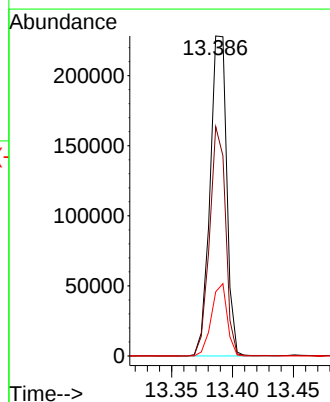
Tgt Ion:149 Resp: 218070

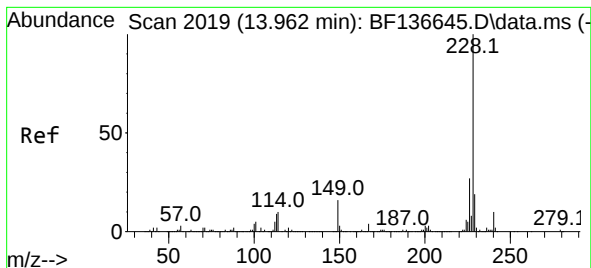
Ion Ratio Lower Upper

149 100

91 71.7 54.1 81.1

206 20.1 17.1 25.7





#81

Benzo(a)anthracene

Concen: 42.023 ng

RT: 13.968 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

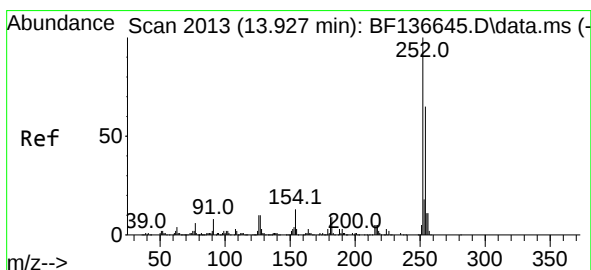
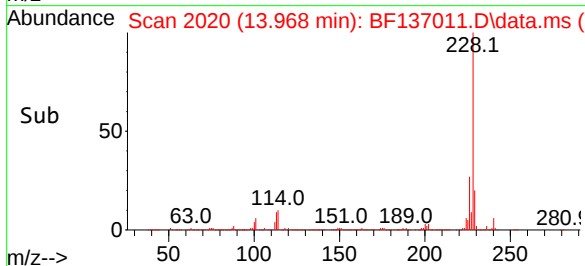
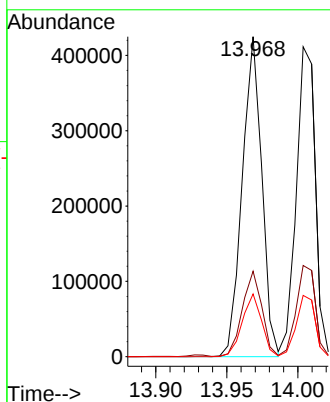
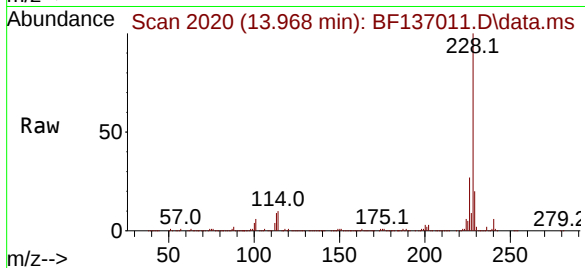
Tgt Ion:228 Resp: 407379

Ion Ratio Lower Upper

228 100

226 26.7 21.4 32.0

229 19.6 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 40.719 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

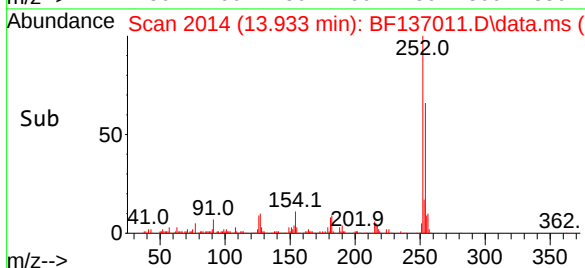
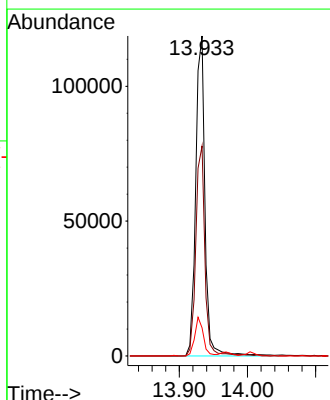
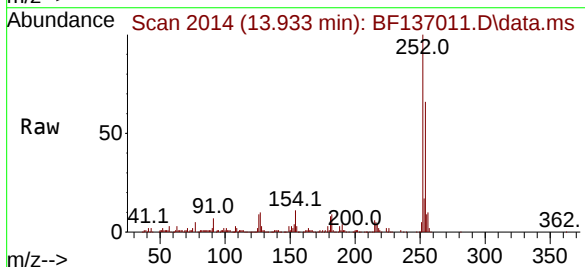
Tgt Ion:252 Resp: 112104

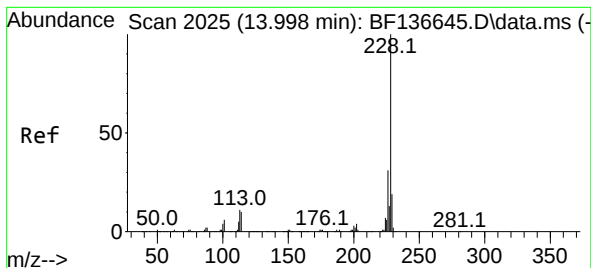
Ion Ratio Lower Upper

252 100

254 65.6 52.2 78.4

126 8.8 8.0 12.0





#83

Chrysene

Concen: 40.580 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

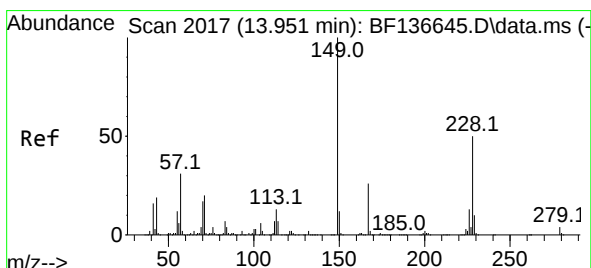
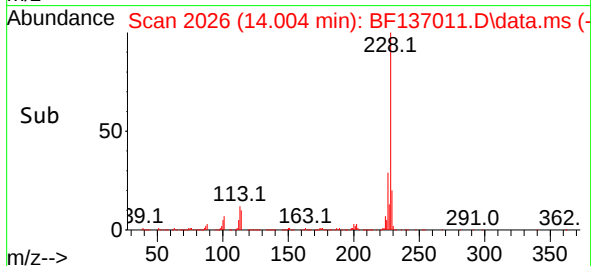
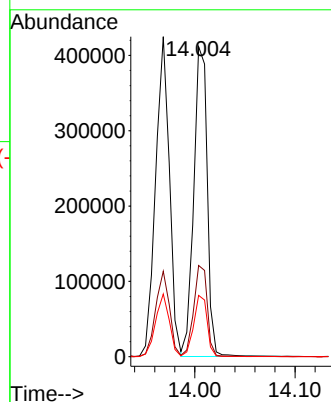
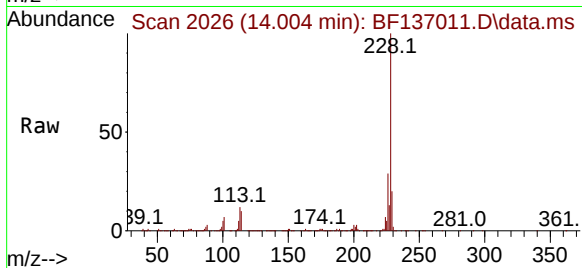
Tgt Ion:228 Resp: 384699

Ion Ratio Lower Upper

228 100

226 29.4 24.7 37.1

229 19.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

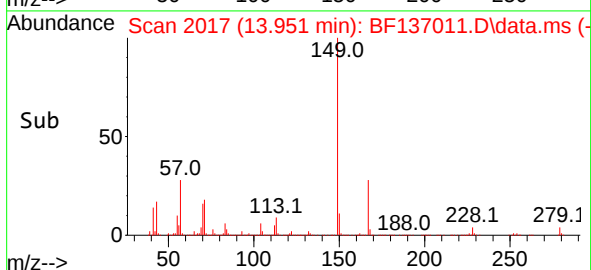
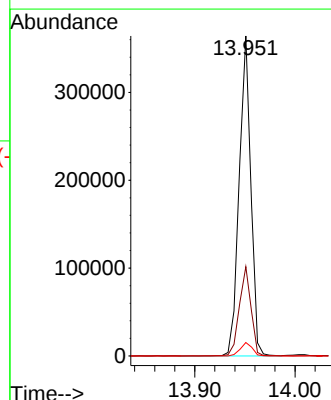
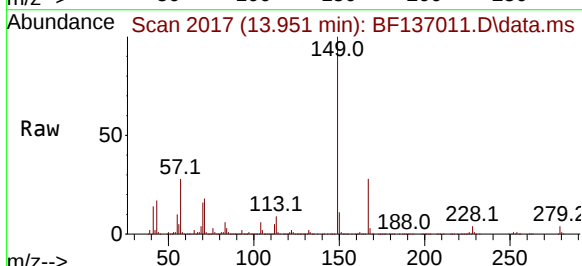
Tgt Ion:149 Resp: 294895

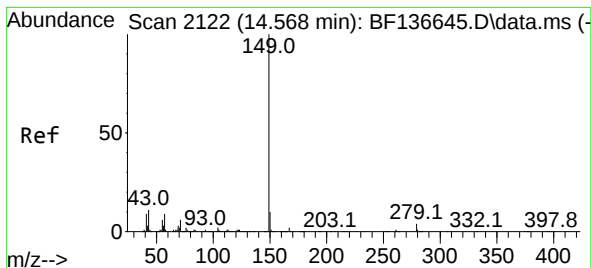
Ion Ratio Lower Upper

149 100

167 27.9 20.9 31.3

279 4.2 2.9 4.3

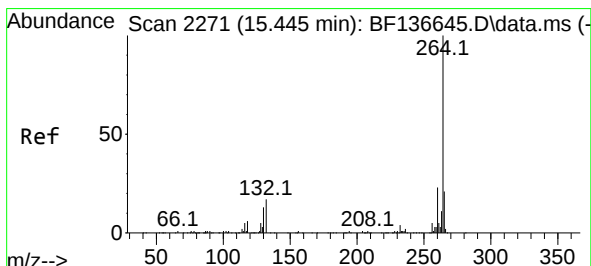
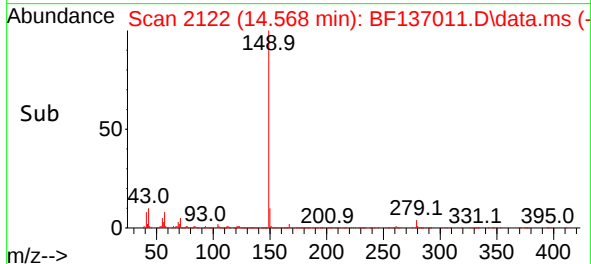
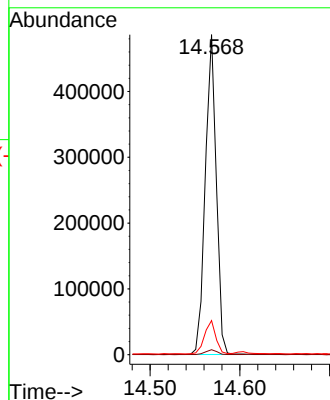
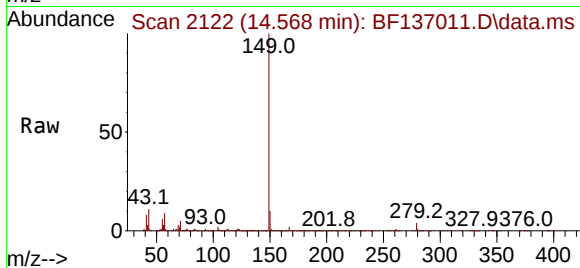




#85
Di-n-octyl phthalate
Concen: 42.560 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

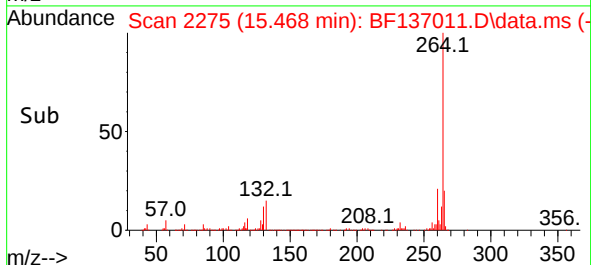
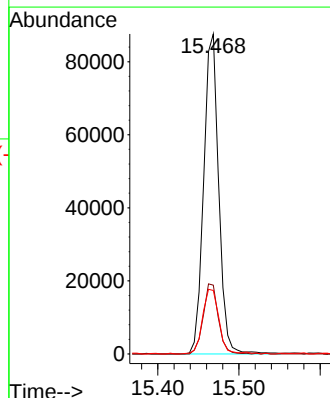
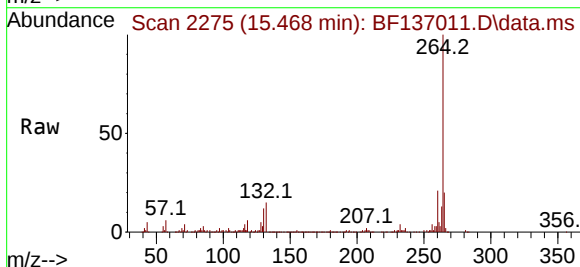
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

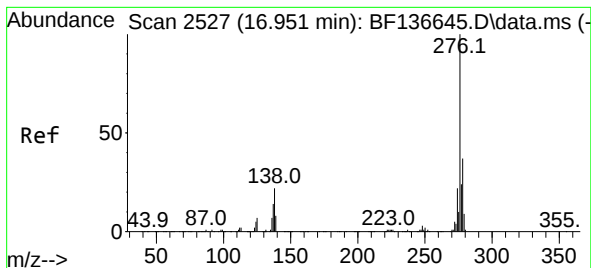
Tgt Ion:149 Resp: 413069
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 10.6 8.9 13.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.024 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:264 Resp: 112349
Ion Ratio Lower Upper
264 100
260 21.5 18.3 27.5
265 19.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.021 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

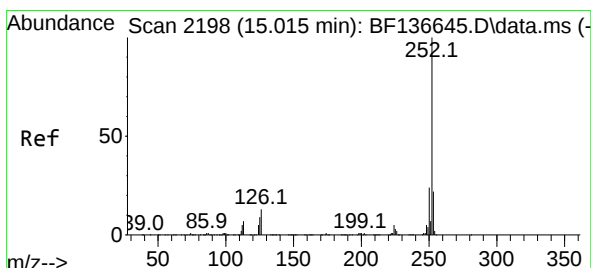
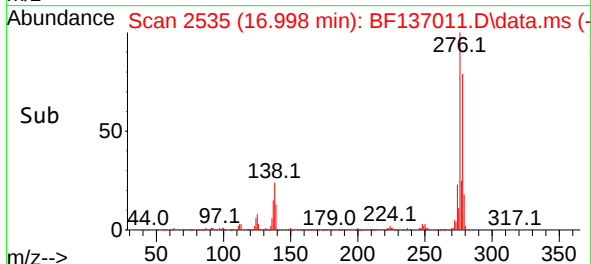
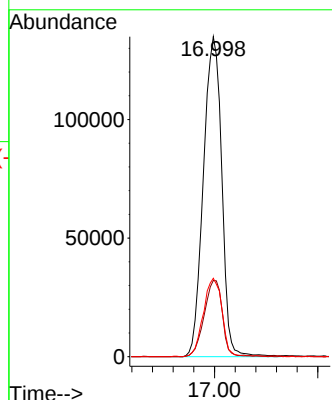
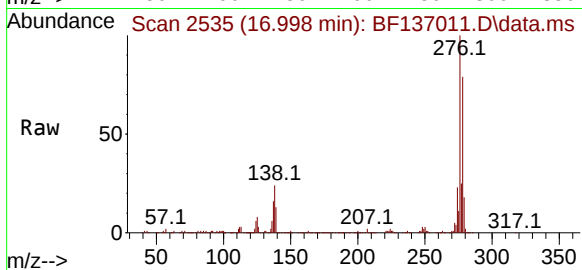
Tgt Ion:276 Resp: 332750

Ion Ratio Lower Upper

276 100

138 23.7 18.7 28.1

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.222 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

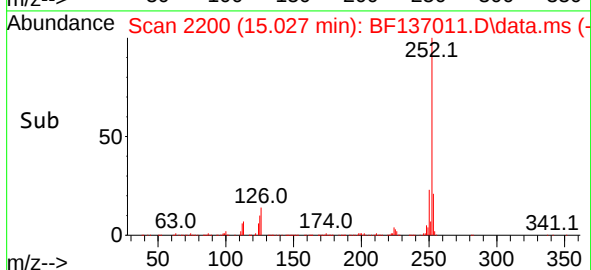
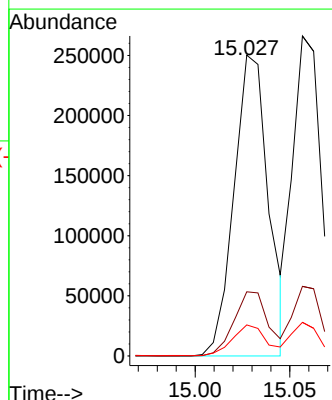
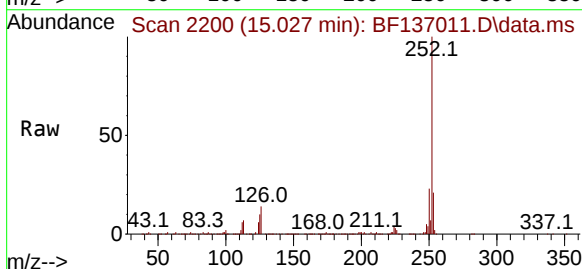
Tgt Ion:252 Resp: 316830

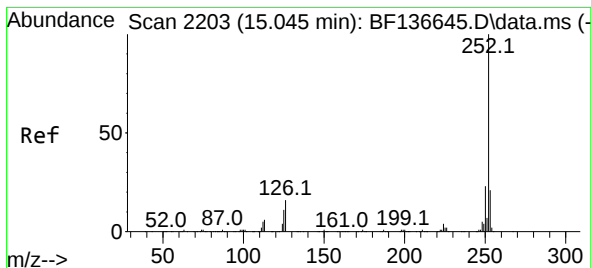
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 10.3 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 39.558 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.012 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

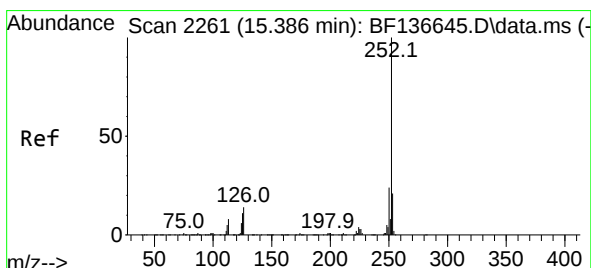
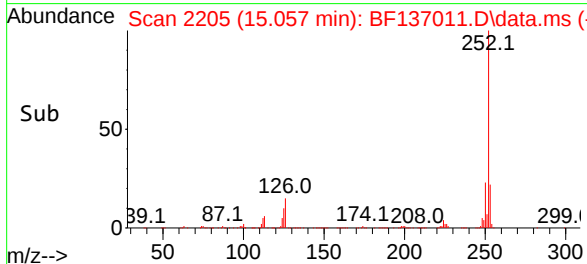
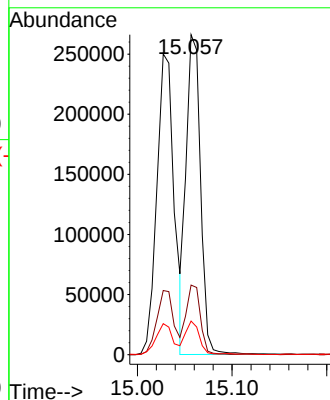
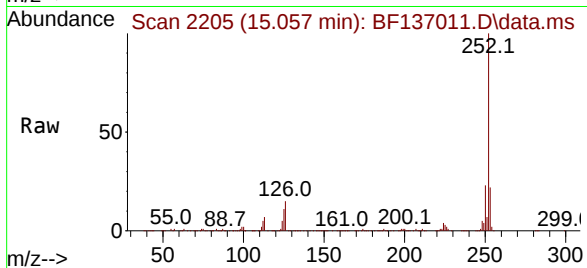
Tgt Ion:252 Resp: 280483

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 10.5 8.2 12.4



#90

Benzo(a)pyrene

Concen: 39.940 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF137011.D

Acq: 10 Jan 2024 10:24

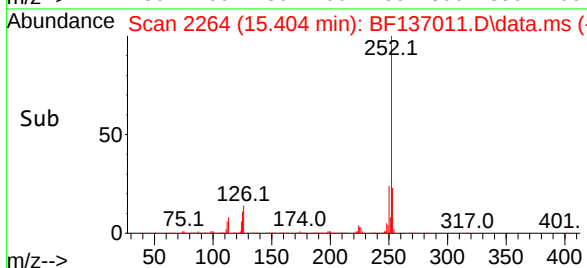
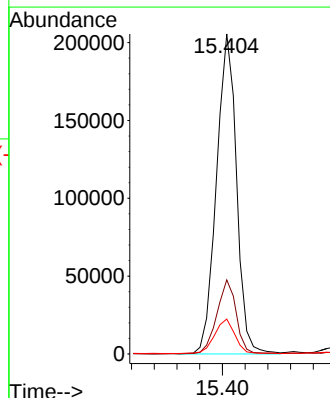
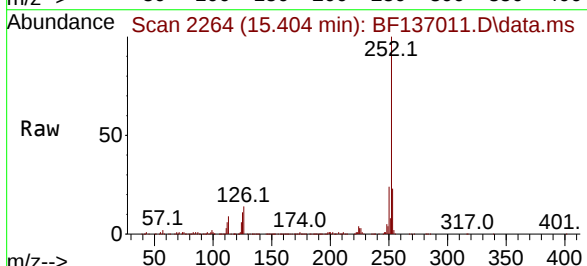
Tgt Ion:252 Resp: 252984

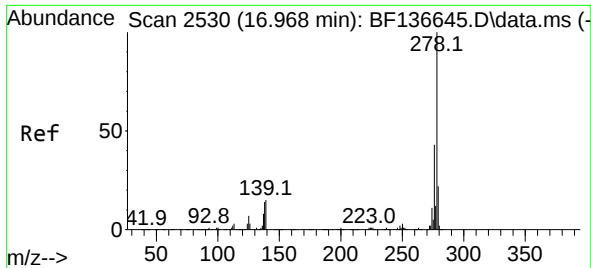
Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.6

125 10.9 8.8 13.2

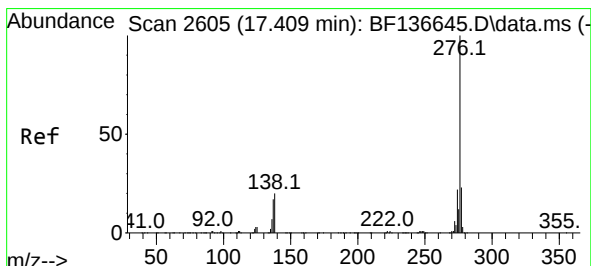
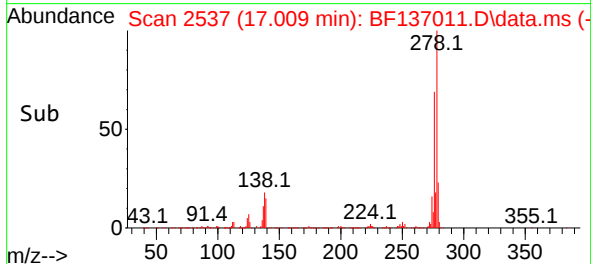
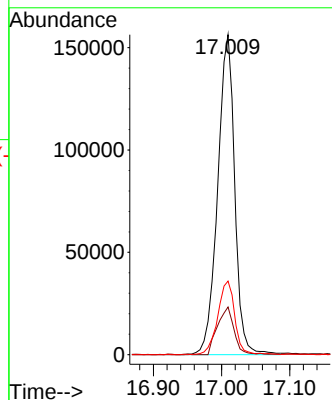
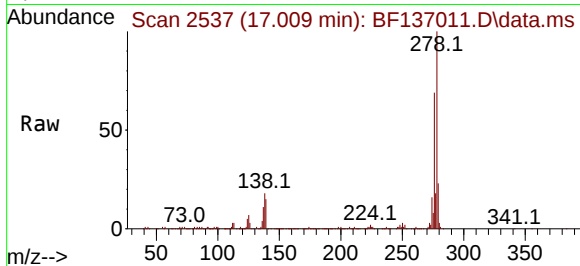




#91
Dibenzo(a,h)anthracene
Concen: 40.967 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 272628
Ion Ratio Lower Upper
278 100
139 14.9 12.2 18.4
279 23.0 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 41.588 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.053 min
Lab File: BF137011.D
Acq: 10 Jan 2024 10:24

Tgt Ion:276 Resp: 283463
Ion Ratio Lower Upper
276 100
277 22.6 18.3 27.5
138 18.2 15.6 23.4

