

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
 Data File : BF137643.D
 Acq On : 19 Mar 2024 12:42
 Operator : CG\JU
 Sample : PB159643BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159643BS

Quant Time: Mar 19 13:26:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	185994	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	710548	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	370315	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	639032	20.000	ng	0.00
76) Chrysene-d12	13.880	240	379612	20.000	ng	0.00
86) Perylene-d12	15.298	264	357746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1506818	122.699	ng	0.02
7) Phenol-d6	6.375	99	2013213	113.570	ng	0.00
23) Nitrobenzene-d5	7.298	82	1248974	81.673	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	462709	142.284	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	2041632	86.302	ng	0.00
79) Terphenyl-d14	12.828	244	2156023	78.100	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	234844	34.974	ng	99
3) Pyridine	3.175	79	510015	31.493	ng	97
4) n-Nitrosodimethylamine	3.140	42	264554	40.936	ng	93
6) Aniline	6.393	93	434486	20.059	ng	# 59
8) 2-Chlorophenol	6.510	128	586692	45.295	ng	95
9) Benzaldehyde	6.275	77	269491	31.031	ng	99
10) Phenol	6.387	94	779763	40.869	ng	93
11) bis(2-Chloroethyl)ether	6.469	93	590859	42.260	ng	98
12) 1,3-Dichlorobenzene	6.669	146	618282	44.670	ng	96
13) 1,4-Dichlorobenzene	6.746	146	631435	44.588	ng	99
14) 1,2-Dichlorobenzene	6.893	146	592339	45.570	ng	99
15) Benzyl Alcohol	6.875	79	532168	48.222	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	923810	38.439	ng	94
17) 2-Methylphenol	6.993	107	483552	39.896	ng	97
18) Hexachloroethane	7.234	117	213820	45.855	ng	96
19) n-Nitroso-di-n-propyla...	7.151	70	428298	39.127	ng	98
20) 3+4-Methylphenols	7.146	107	554032	39.912	ng	94
22) Acetophenone	7.140	105	773571	44.996	ng	# 96
24) Nitrobenzene	7.316	77	653860	42.563	ng	97
25) Isophorone	7.551	82	1233984	42.474	ng	98
26) 2-Nitrophenol	7.628	139	296850	48.672	ng	98
27) 2,4-Dimethylphenol	7.669	122	430788	37.802	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	738031	43.296	ng	99
29) 2,4-Dichlorophenol	7.875	162	474127	45.332	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	507954	46.150	ng	100
31) Naphthalene	8.034	128	1634876	42.884	ng	99
32) Benzoic acid	7.822	122	279424	43.289	ng	98
33) 4-Chloroaniline	8.087	127	185254	12.392	ng	97
34) Hexachlorobutadiene	8.145	225	299504	46.092	ng	98
35) Caprolactam	8.463	113	103665	29.230	ng	93
36) 4-Chloro-3-methylphenol	8.575	107	519492	44.435	ng	98
37) 2-Methylnaphthalene	8.722	142	1002174	41.236	ng	100
38) 1-Methylnaphthalene	8.822	142	953344	41.654	ng	100
40) 1,2,4,5-Tetrachloroben...	8.887	216	499935	48.358	ng	99
41) Hexachlorocyclopentadiene	8.875	237	355856	83.898	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	319157	47.407	ng	98

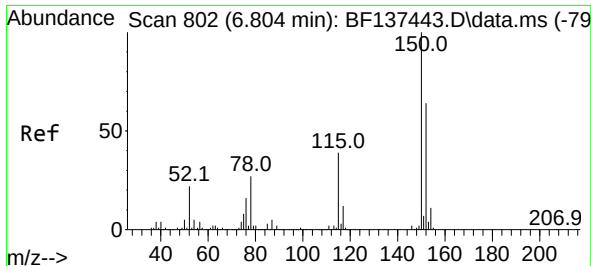
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	347096	44.756	ng	97
46) 1,1'-Biphenyl	9.187	154	1237570	45.660	ng	99
47) 2-Chloronaphthalene	9.210	162	980258	47.437	ng	99
48) 2-Nitroaniline	9.316	65	333083	47.423	ng	96
49) Acenaphthylene	9.628	152	1534606	46.405	ng	100
50) Dimethylphthalate	9.492	163	1166639	45.257	ng	99
51) 2,6-Dinitrotoluene	9.557	165	257507	47.759	ng	89
52) Acenaphthene	9.798	154	854100	43.261	ng	98
53) 3-Nitroaniline	9.728	138	154217	27.041	ng	88
54) 2,4-Dinitrophenol	9.834	184	246452	92.304	ng	96
55) Dibenzofuran	9.969	168	1299879	43.228	ng	99
56) 4-Nitrophenol	9.898	139	332776	81.901	ng	99
57) 2,4-Dinitrotoluene	9.963	165	319905	48.293	ng	97
58) Fluorene	10.310	166	1002532	43.412	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.087	232	285825	45.960	ng	96
60) Diethylphthalate	10.192	149	1078597	44.308	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	492243	43.492	ng	95
62) 4-Nitroaniline	10.345	138	216147	44.096	ng	91
63) Azobenzene	10.463	77	1178344	42.037	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	184632	51.839	ng	84
66) n-Nitrosodiphenylamine	10.428	169	901590	43.814	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	316235	45.435	ng	98
68) Hexachlorobenzene	10.857	284	340937	48.498	ng	# 90
69) Atrazine	10.957	200	260403	41.628	ng	99
70) Pentachlorophenol	11.051	266	362913	85.397	ng	98
71) Phenanthrene	11.269	178	1480555	42.572	ng	99
72) Anthracene	11.322	178	1522019	42.612	ng	99
73) Carbazole	11.481	167	1342946	43.894	ng	99
74) Di-n-butylphthalate	11.810	149	1629853	44.775	ng	99
75) Fluoranthene	12.457	202	1472051	43.303	ng	97
77) Benzidine	12.586	184	157245	16.926	ng	97
78) Pyrene	12.680	202	1480507	39.747	ng	99
80) Butylbenzylphthalate	13.304	149	561840	59.062	ng	99
81) Benzo(a)anthracene	13.869	228	1141929	42.919	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	281311	39.703	ng	99
83) Chrysene	13.904	228	1158023	43.063	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	713411	59.004	ng	99
85) Di-n-octyl phthalate	14.474	149	1187687	50.621	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	1044013	44.347	ng	97
88) Benzo(b)fluoranthene	14.898	252	1052887	49.754	ng	98
89) Benzo(k)fluoranthene	14.921	252	986358	43.394	ng	99
90) Benzo(a)pyrene	15.245	252	931003	44.644	ng	99
91) Dibenzo(a,h)anthracene	16.710	278	853003	44.665	ng	97
92) Benzo(g,h,i)perylene	17.110	276	842924	42.978	ng	99

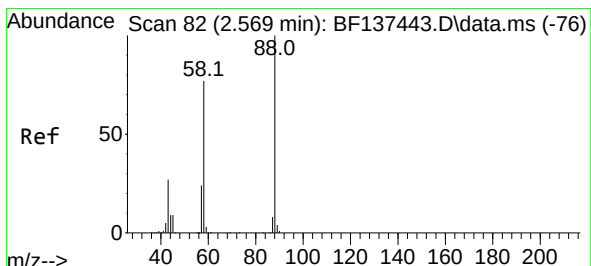
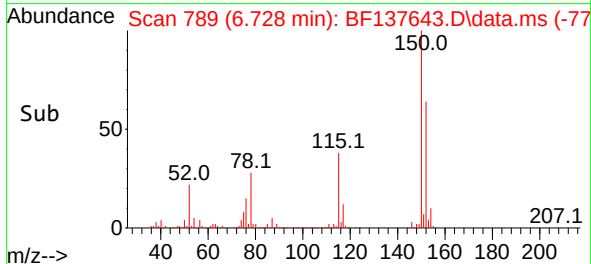
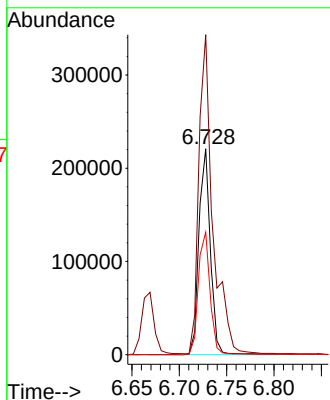
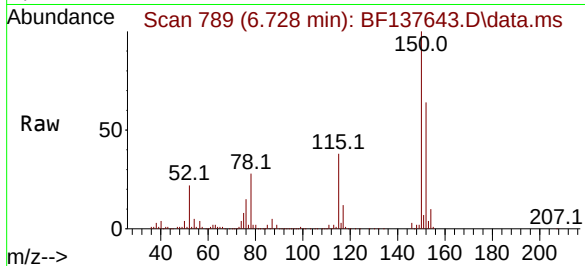
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137643.D
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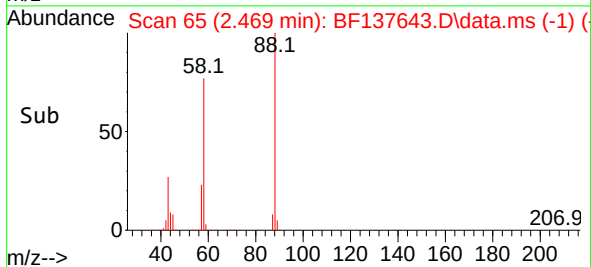
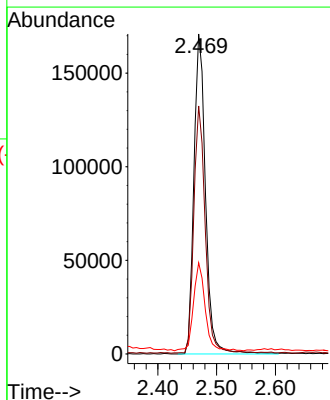
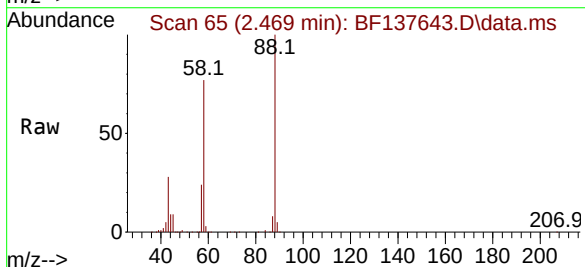
Instrument :
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ClientSampleId :
PB159643BS

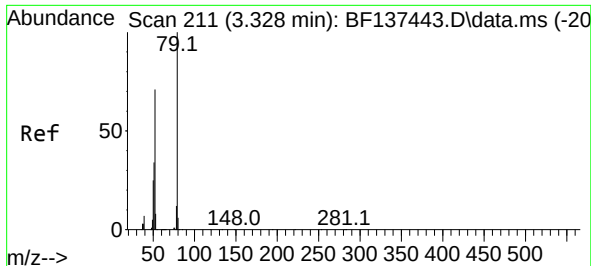
Tgt Ion:152 Resp: 185994
Ion Ratio Lower Upper
152 100
150 155.3 125.8 188.6
115 59.5 48.8 73.2



#2
1,4-Dioxane
Concen: 34.974 ng
RT: 2.469 min Scan# 65
Delta R.T. 0.100 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion: 88 Resp: 234844
Ion Ratio Lower Upper
88 100
58 76.2 61.8 92.8
43 27.4 22.2 33.4

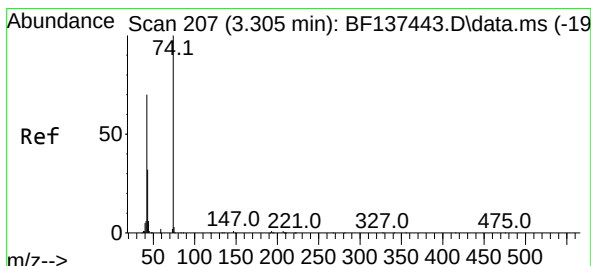
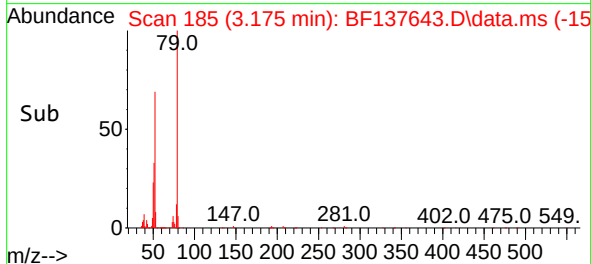
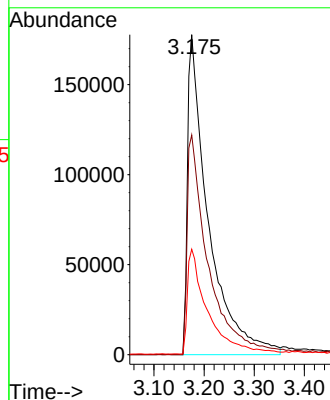
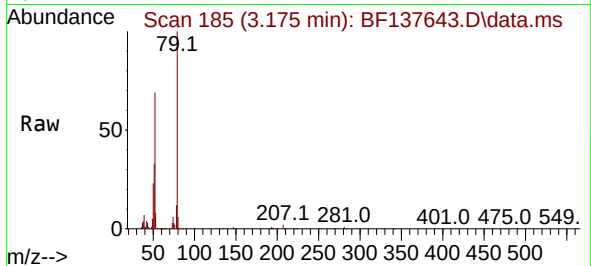




#3
Pyridine
Concen: 31.493 ng
RT: 3.175 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

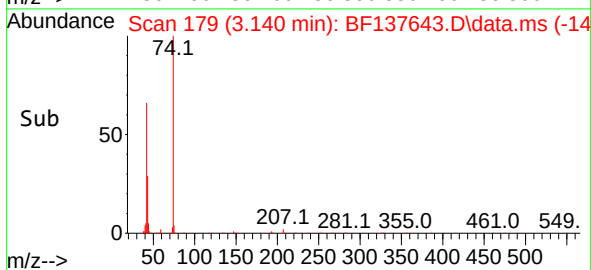
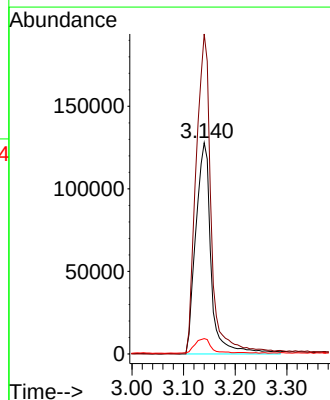
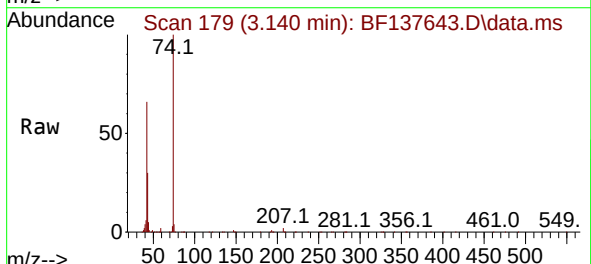
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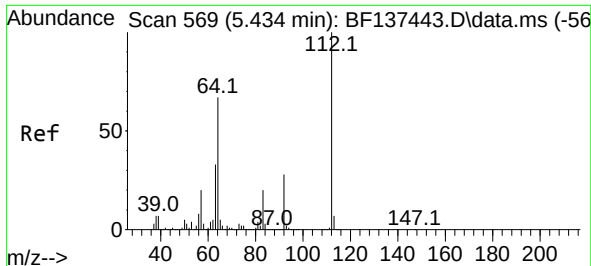
Tgt Ion: 79 Resp: 510015
Ion Ratio Lower Upper
79 100
52 68.7 57.0 85.4
51 33.0 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 40.936 ng
RT: 3.140 min Scan# 179
Delta R.T. 0.100 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion: 42 Resp: 264554
Ion Ratio Lower Upper
42 100
74 151.5 114.0 171.0
44 7.3 7.0 10.4

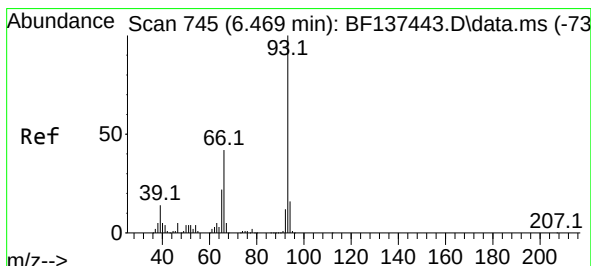
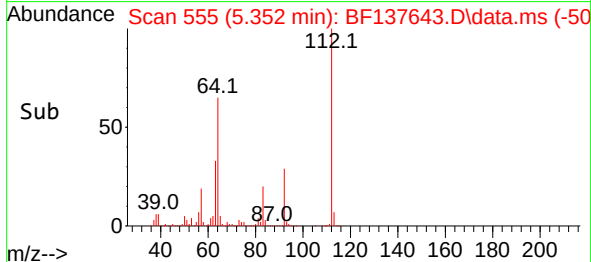
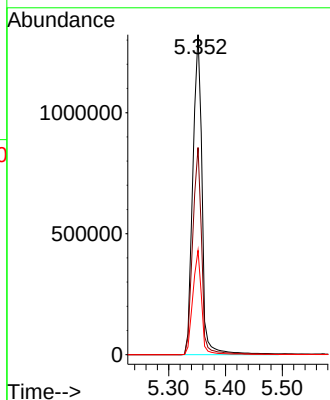
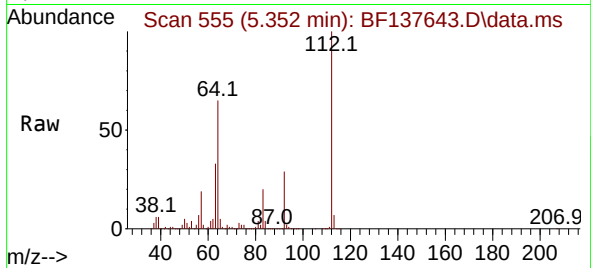




#5
2-Fluorophenol
Concen: 122.699 ng
RT: 5.352 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

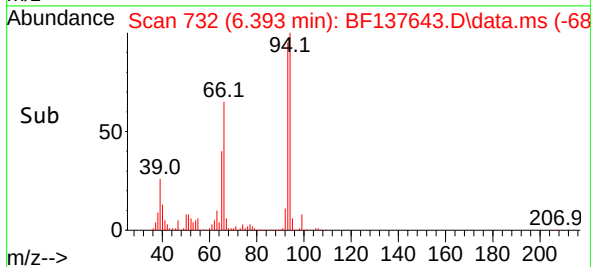
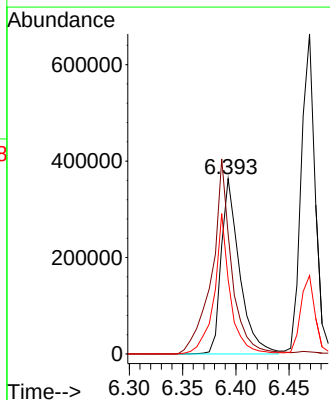
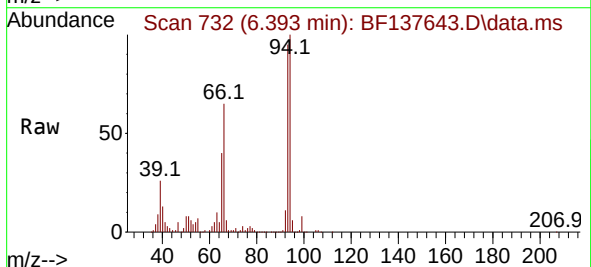
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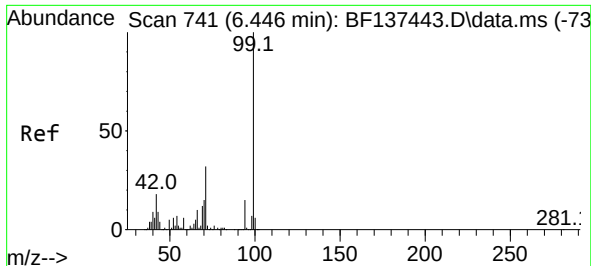
Tgt Ion:112 Resp: 1506818
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 32.6 26.2 39.2



#6
Aniline
Concen: 20.059 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion: 93 Resp: 434486
Ion Ratio Lower Upper
93 100
66 68.5 34.0 51.0#
65 42.5 17.8 26.8#





#7

Phenol-d6

Concen: 113.570 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

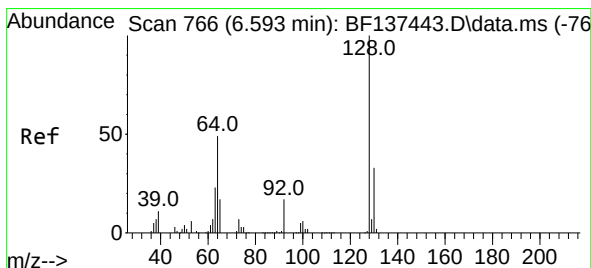
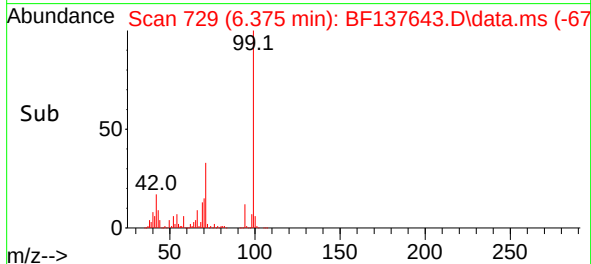
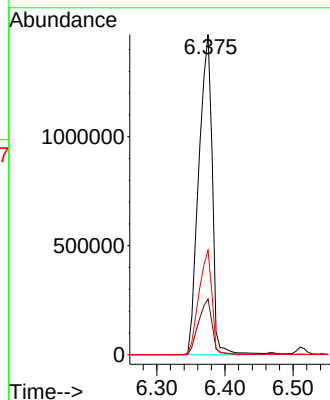
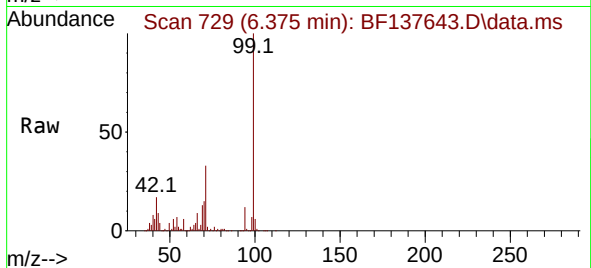
BNA_F

ClientSampleId :

PB159643BS

Tgt Ion: 99 Resp: 2013213

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.6	21.8
71	32.7	25.3	37.9



#8

2-Chlorophenol

Concen: 45.295 ng

RT: 6.510 min Scan# 752

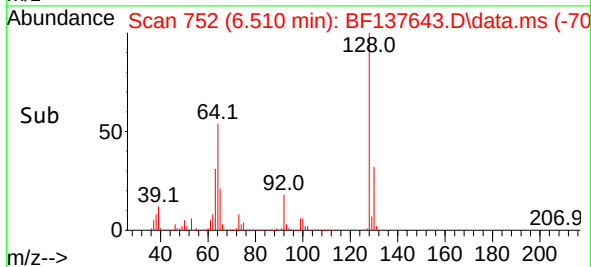
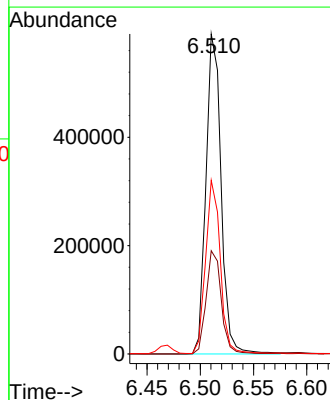
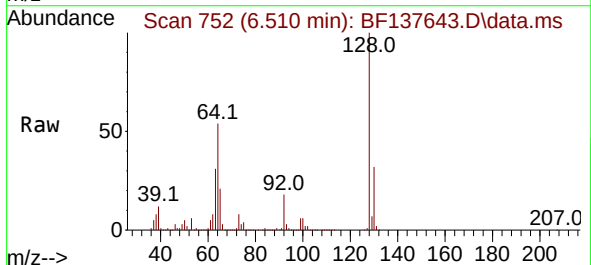
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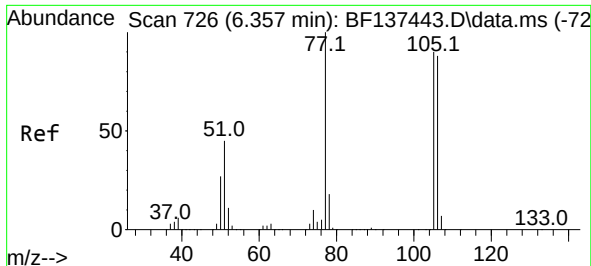
Lab File: BF137643.D

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Tgt Ion:128 Resp: 586692

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.4	53.4
64	54.2	30.0	70.0





#9

Benzaldehyde

Concen: 31.031 ng

RT: 6.275 min Scan# 712

Delta R.T. -0.006 min

Lab File: BF137643.D

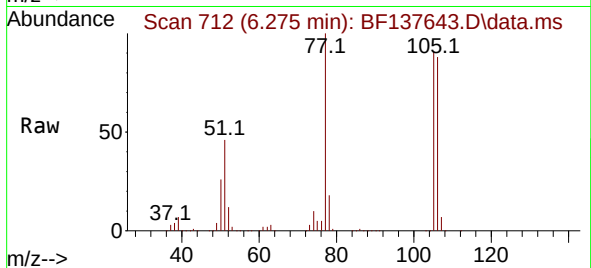
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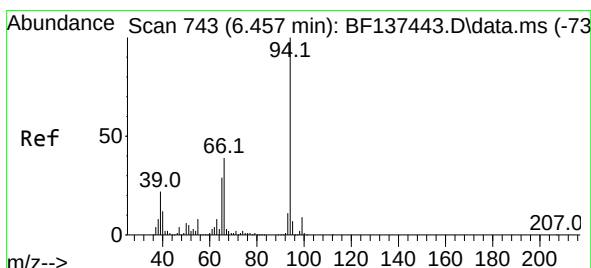
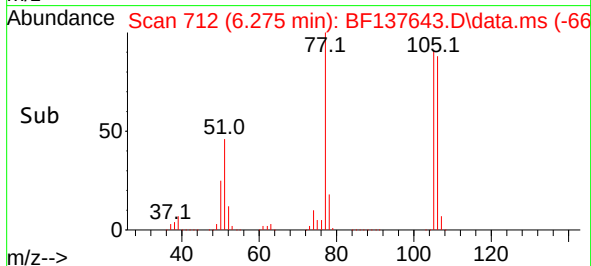
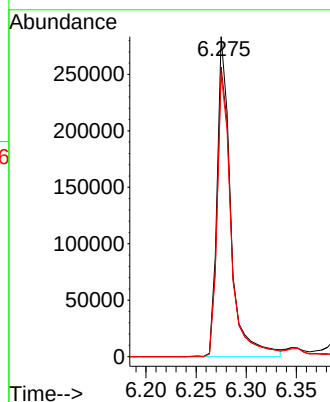
Tgt Ion: 77 Resp: 269491

Ion Ratio Lower Upper

77 100

105 90.5 69.8 109.8

106 88.4 67.8 107.8



#10

Phenol

Concen: 40.869 ng

RT: 6.387 min Scan# 731

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

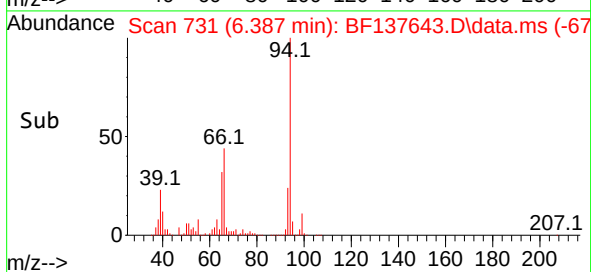
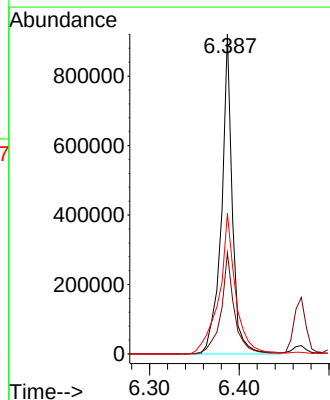
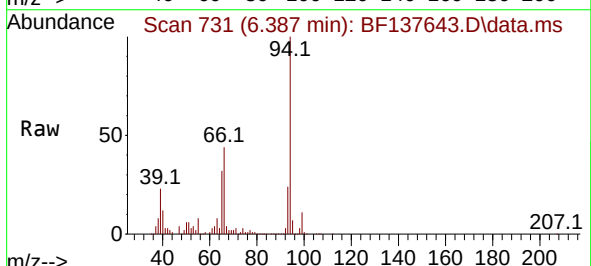
Tgt Ion: 94 Resp: 779763

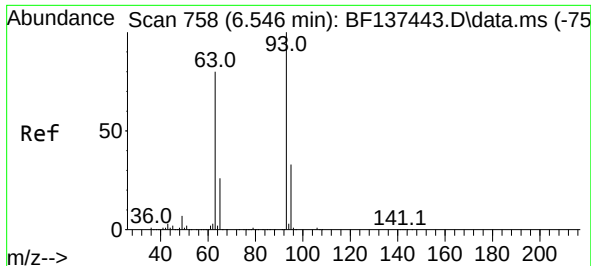
Ion Ratio Lower Upper

94 100

65 31.6 8.7 48.7

66 43.9 18.6 58.6

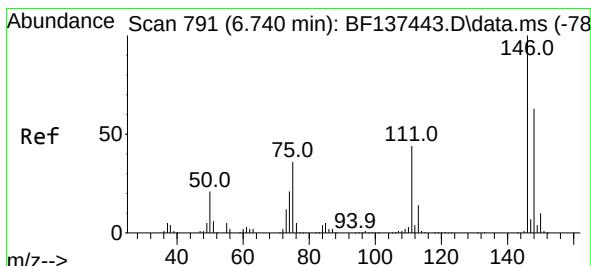
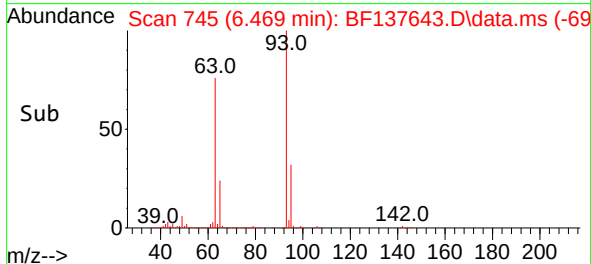
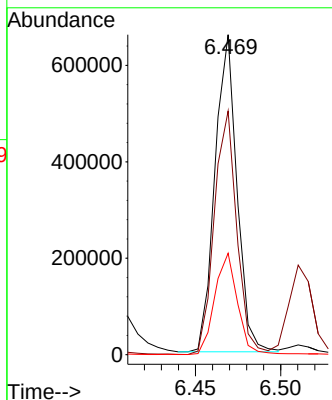
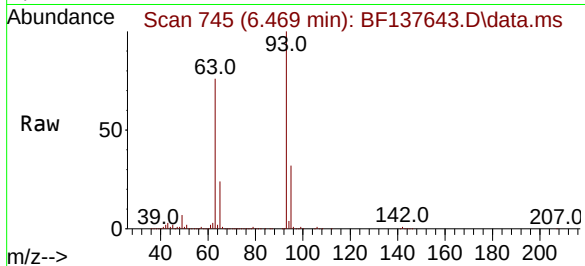




#11
bis(2-Chloroethyl)ether
Concen: 42.260 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

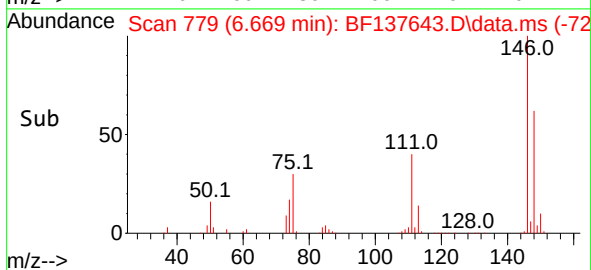
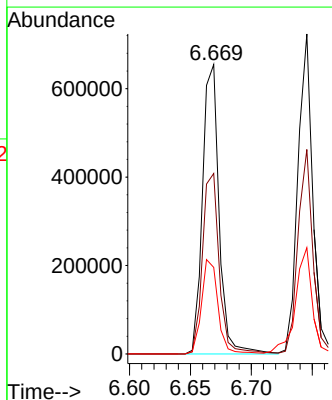
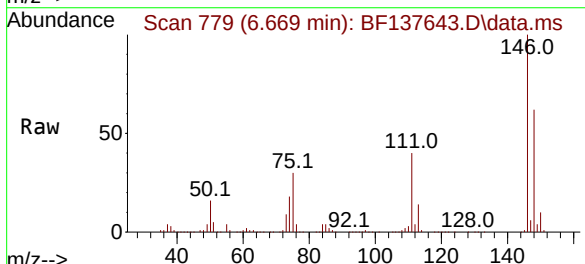
Instrument :
BNA_F
ClientSampleId :
PB159643BS

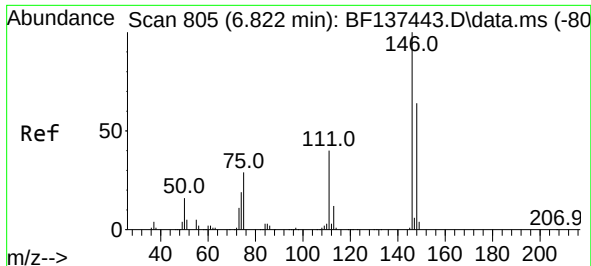
Tgt Ion: 93 Resp: 590859
Ion Ratio Lower Upper
93 100
63 76.2 58.9 98.9
95 31.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 44.670 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion: 146 Resp: 618282
Ion Ratio Lower Upper
146 100
148 62.4 50.3 75.5
75 29.9 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 44.588 ng

RT: 6.746 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF137643.D

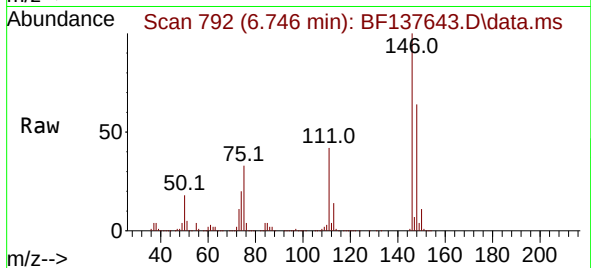
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS



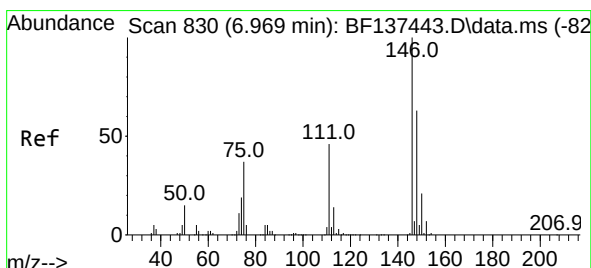
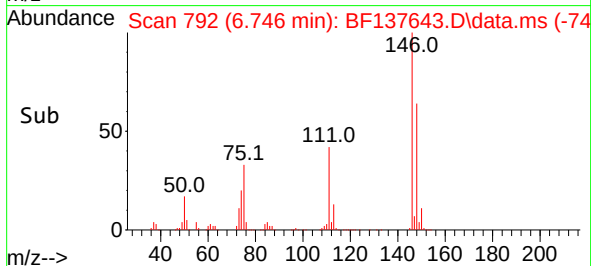
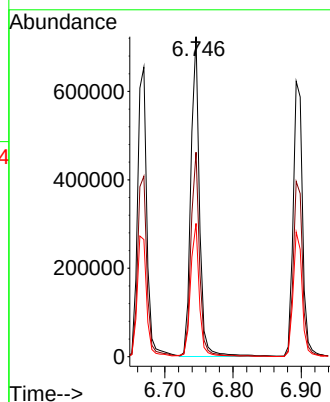
Tgt Ion:146 Resp: 631435

Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

111 41.6 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 45.570 ng

RT: 6.893 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

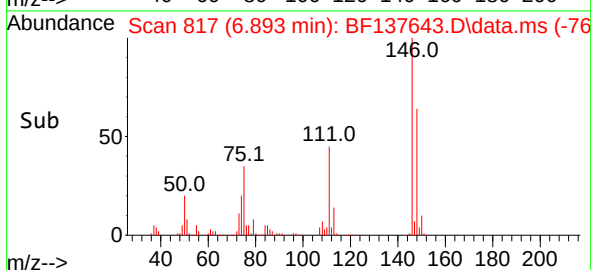
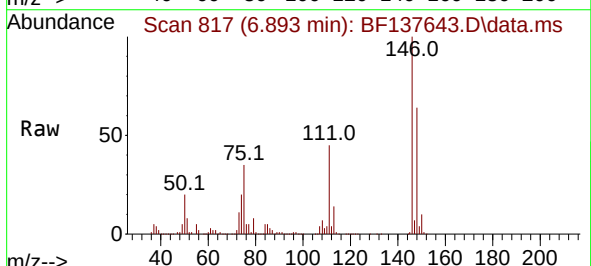
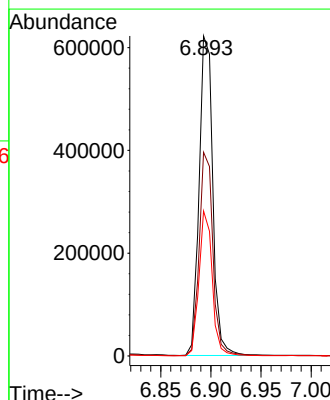
Tgt Ion:146 Resp: 592339

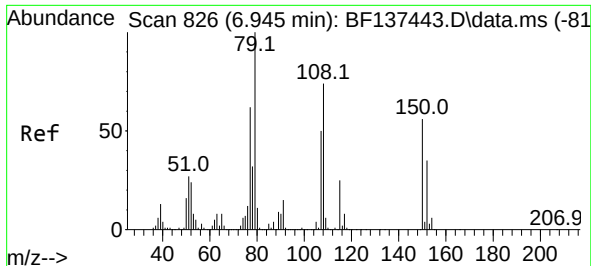
Ion Ratio Lower Upper

146 100

148 63.7 50.0 75.0

111 45.3 36.8 55.2

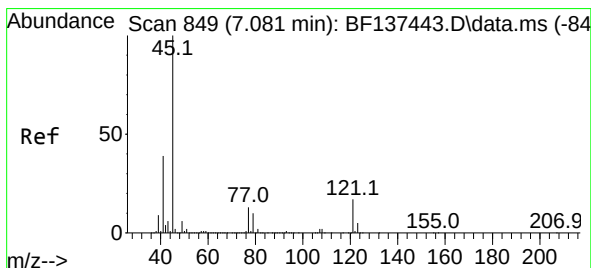
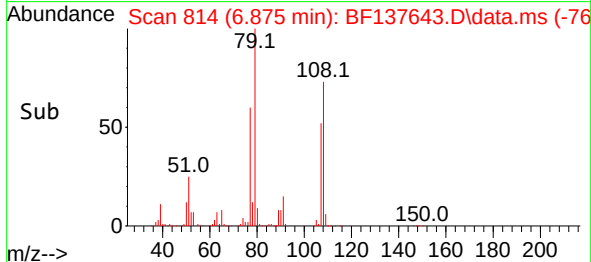
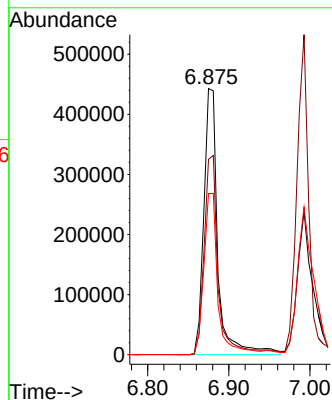
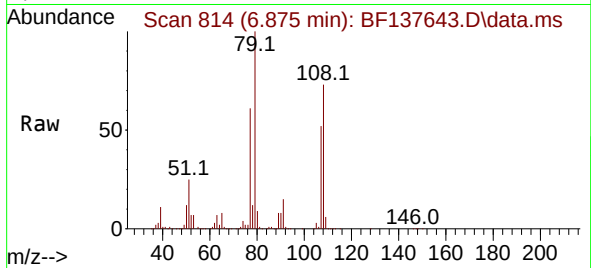




#15
Benzyl Alcohol
Concen: 48.222 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

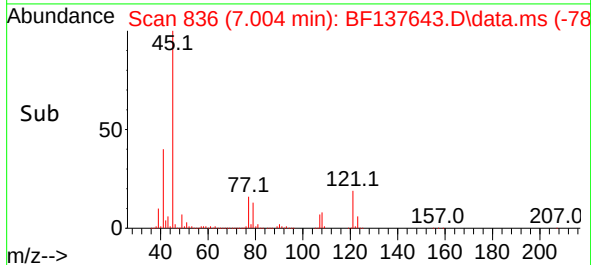
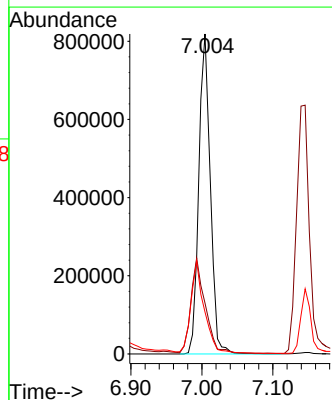
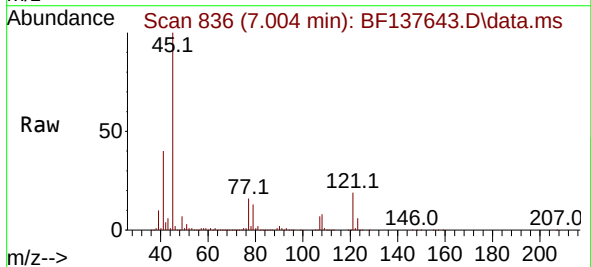
Instrument :
BNA_F
ClientSampleId :
PB159643BS

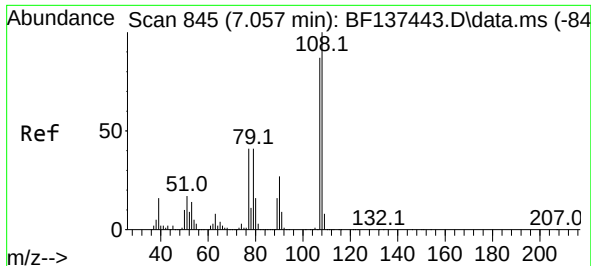
Tgt Ion: 79 Resp: 532168
Ion Ratio Lower Upper
79 100
108 73.4 59.5 89.3
77 60.6 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.439 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion: 45 Resp: 923810
Ion Ratio Lower Upper
45 100
77 15.9 0.0 33.4
79 13.1 0.0 30.9

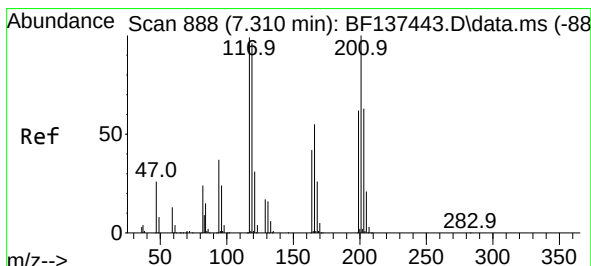
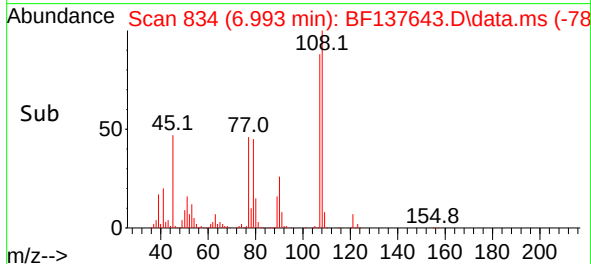
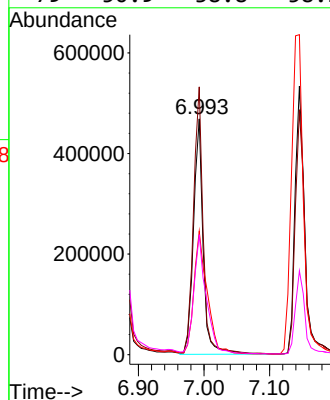
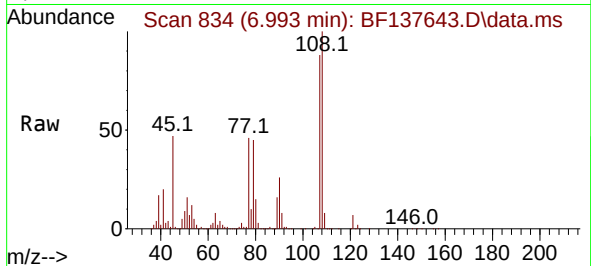




#17
2-Methylphenol
Concen: 39.896 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

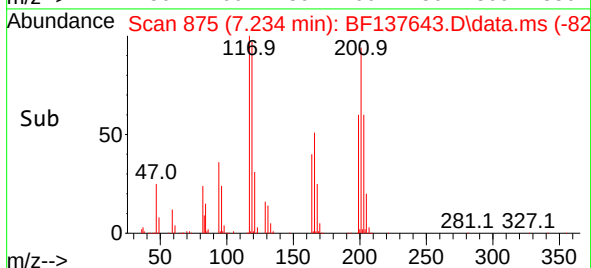
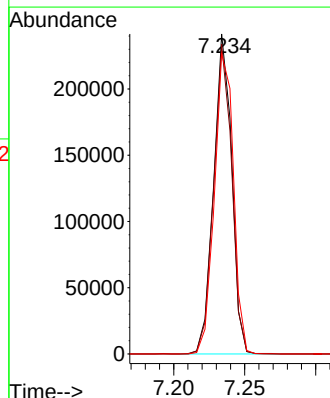
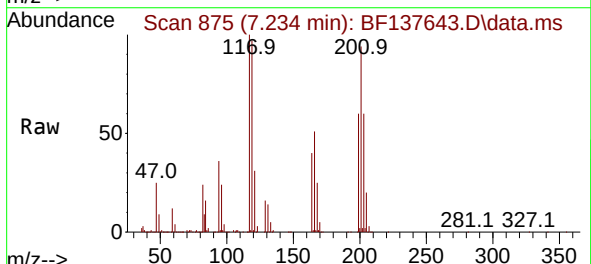
Instrument :
BNA_F
ClientSampleId :
PB159643BS

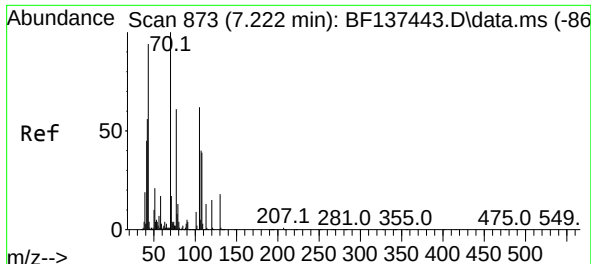
Tgt Ion:107 Resp: 483552
Ion Ratio Lower Upper
107 100
108 113.5 92.2 138.4
77 52.4 38.6 57.8
79 50.9 38.8 58.2



#18
Hexachloroethane
Concen: 45.855 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:117 Resp: 213820
Ion Ratio Lower Upper
117 100
119 96.8 77.5 116.3
201 93.9 80.6 121.0



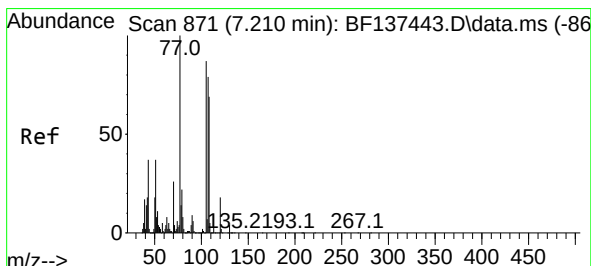
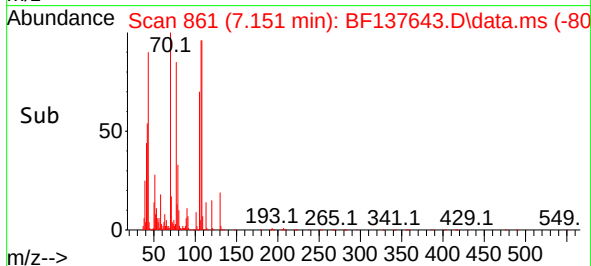
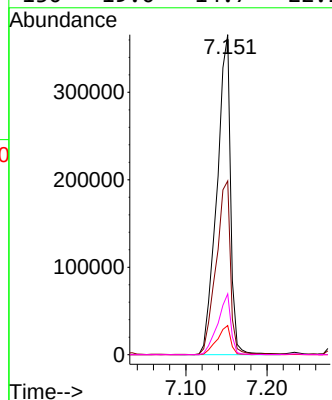
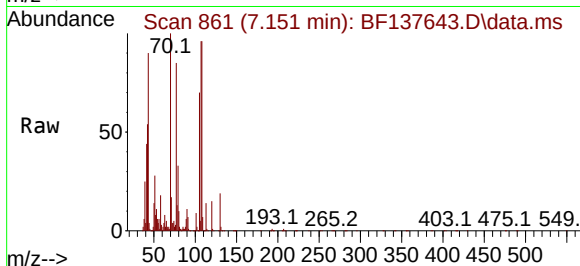


#19
n-Nitroso-di-n-propylamine
Concen: 39.127 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :
BNA_F
ClientSampleId :
PB159643BS

Tgt Ion: 70 Resp: 428298

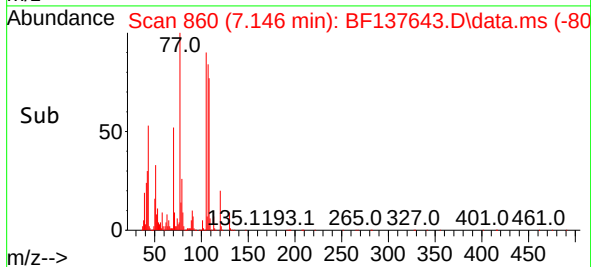
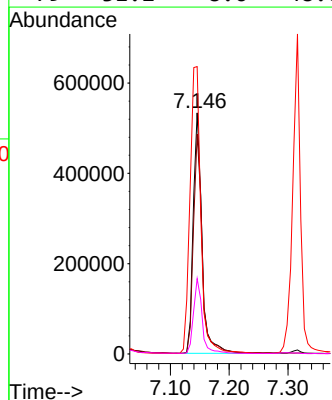
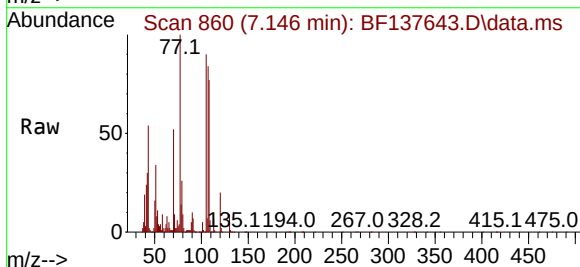
Ion	Ratio	Lower	Upper
70	100		
42	54.3	45.2	67.8
101	9.1	7.3	10.9
130	19.0	14.7	22.1

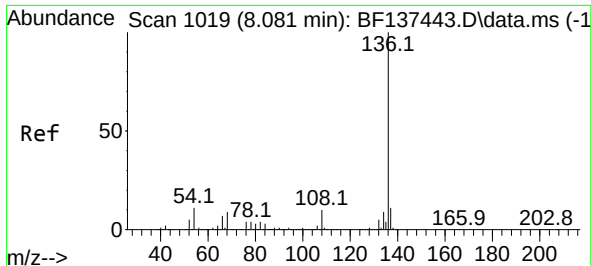


#20
3+4-Methylphenols
Concen: 39.912 ng
RT: 7.146 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion: 107 Resp: 554032

Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.6	107.6
77	119.1	107.1	147.1
79	31.2	8.6	48.6

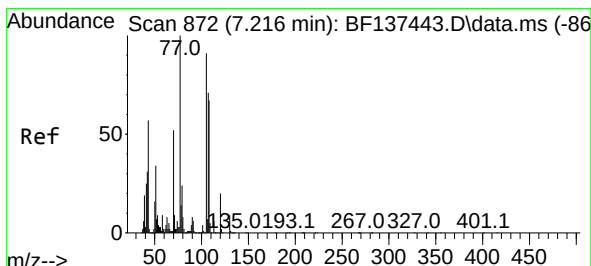
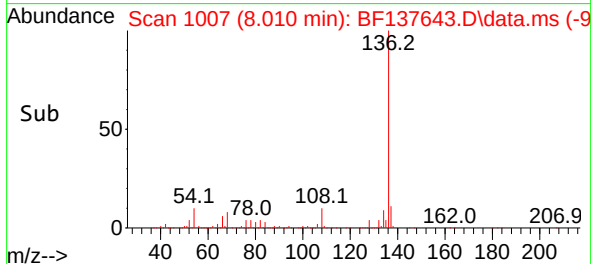
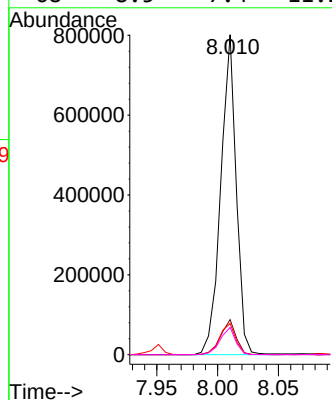
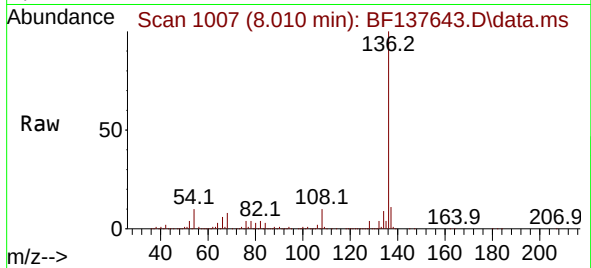




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

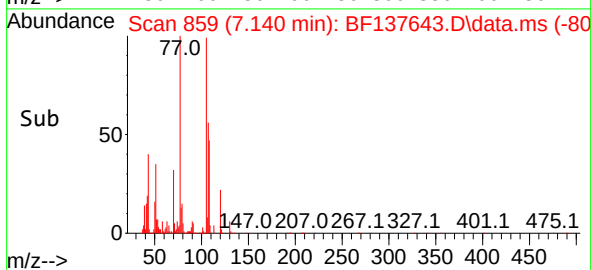
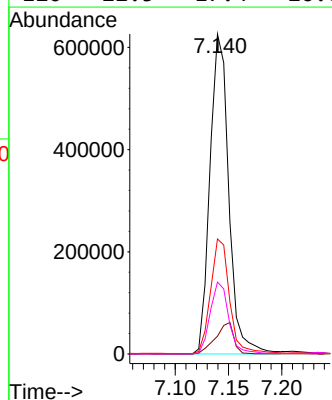
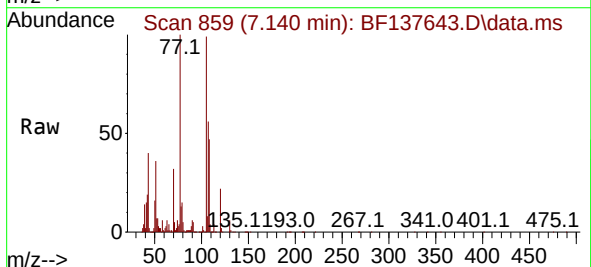
Instrument :
BNA_F
ClientSampleId :
PB159643BS

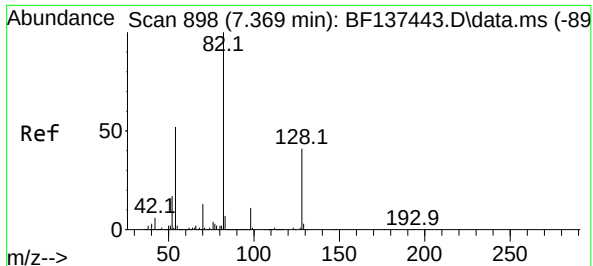
Tgt Ion:136 Resp: 710548
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.8 8.5 12.7
68 8.5 7.4 11.2



#22
Acetophenone
Concen: 44.996 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:105 Resp: 773571
Ion Ratio Lower Upper
105 100
71 5.6 7.7 11.5#
51 36.0 30.4 45.6
120 22.5 17.4 26.0





#23

Nitrobenzene-d5

Concen: 81.673 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

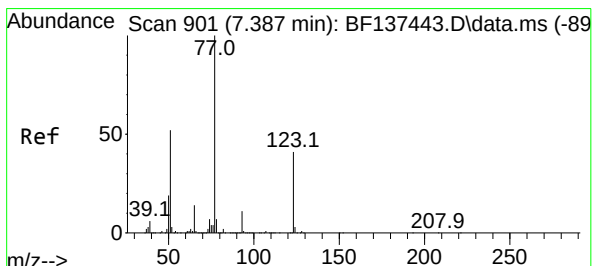
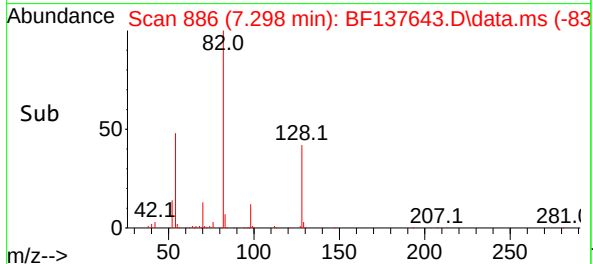
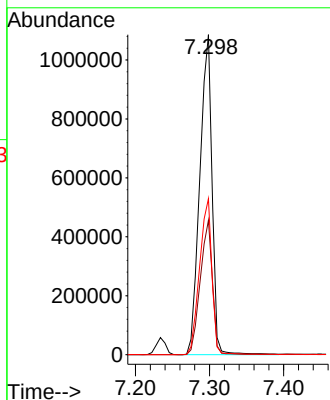
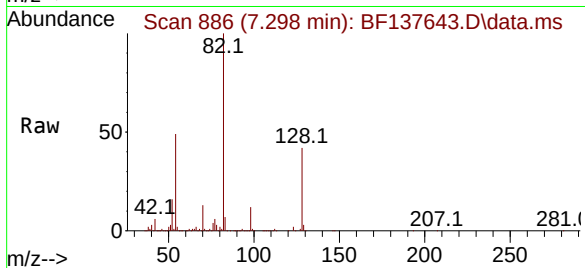
BNA_F

ClientSampleId :

PB159643BS

Tgt Ion: 82 Resp: 1248974

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.5	48.7
54	48.8	41.5	62.3



#24

Nitrobenzene

Concen: 42.563 ng

RT: 7.316 min Scan# 889

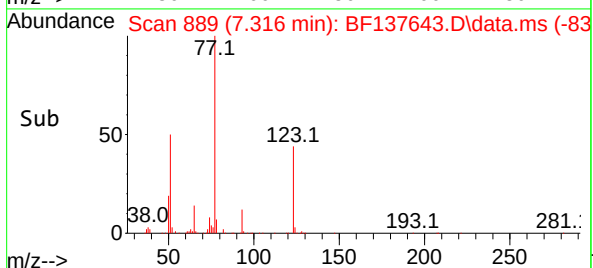
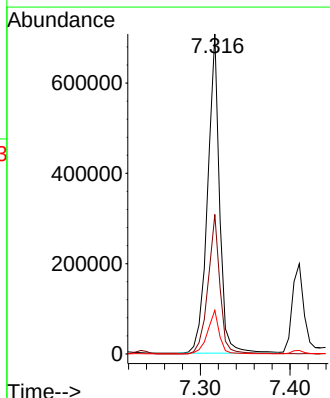
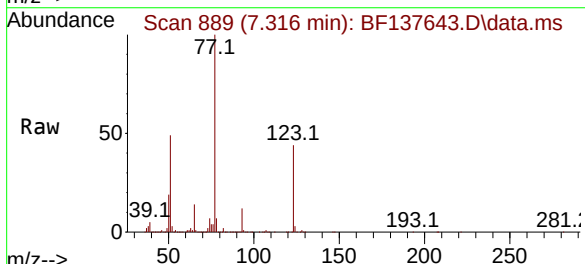
Delta R.T. 0.000 min

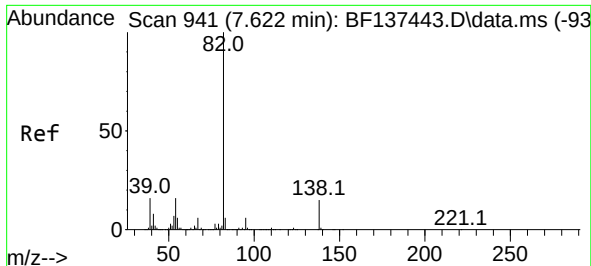
Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Tgt Ion: 77 Resp: 653860

Ion	Ratio	Lower	Upper
77	100		
123	43.6	33.0	49.6
65	13.6	10.9	16.3





#25

Isophorone

Concen: 42.474 ng

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

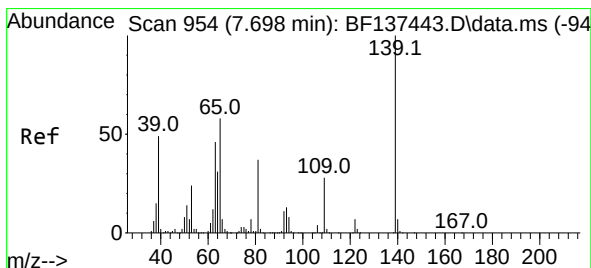
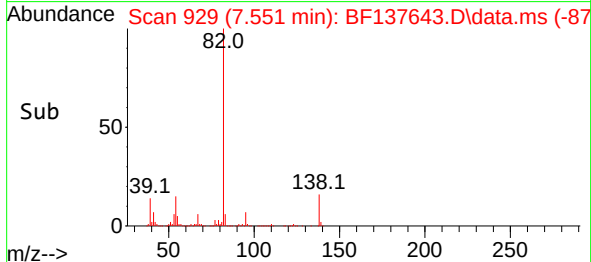
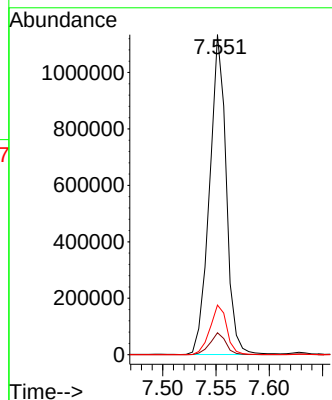
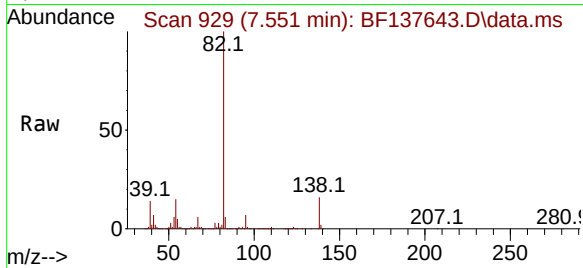
BNA_F

ClientSampleId :

PB159643BS

Tgt Ion: 82 Resp: 1233984

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.1	7.7
138	15.5	11.8	17.8



#26

2-Nitrophenol

Concen: 48.672 ng

RT: 7.628 min Scan# 942

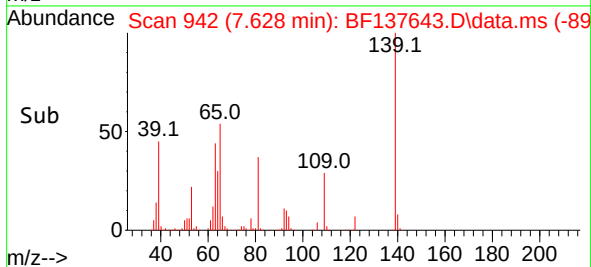
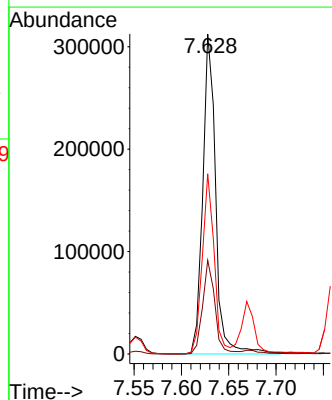
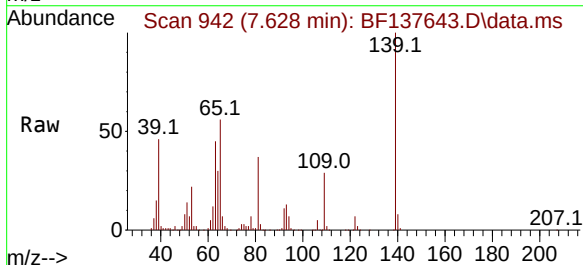
Delta R.T. 0.000 min

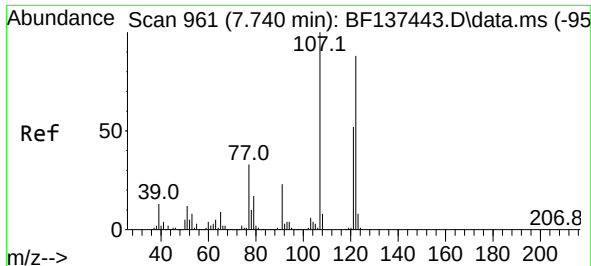
Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Tgt Ion:139 Resp: 296850

Ion	Ratio	Lower	Upper
139	100		
109	29.2	22.2	33.4
65	56.3	46.2	69.2





#27

2,4-Dimethylphenol

Concen: 37.802 ng

RT: 7.669 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

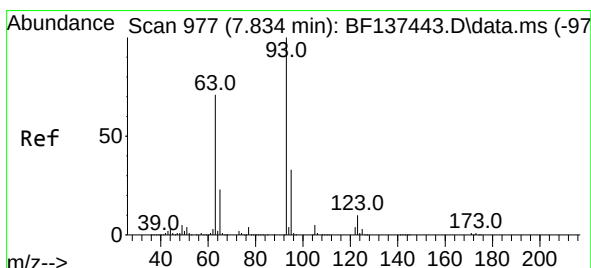
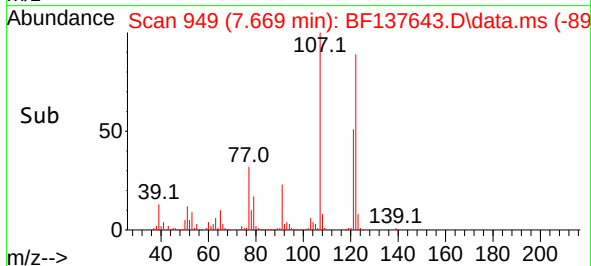
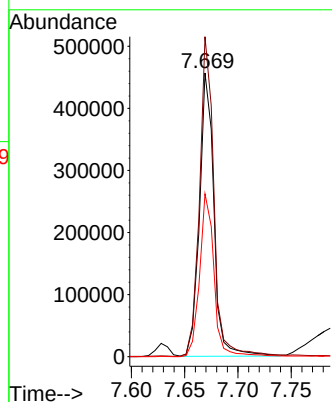
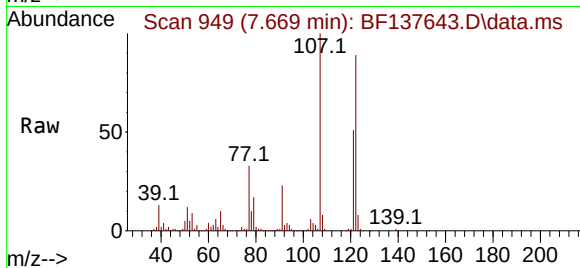
Tgt Ion:122 Resp: 430788

Ion Ratio Lower Upper

122 100

107 112.8 90.9 136.3

121 57.4 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 43.296 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

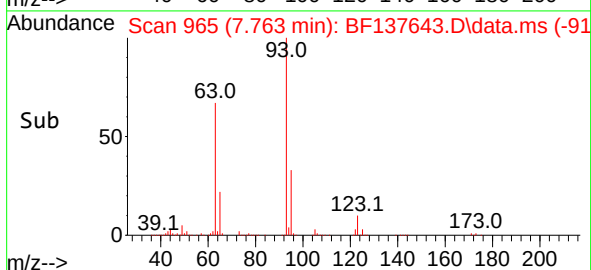
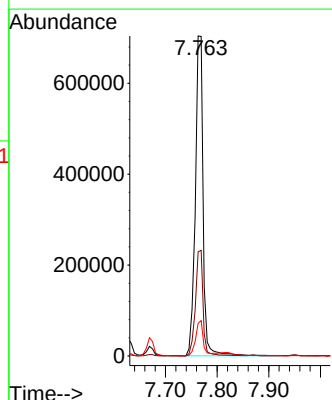
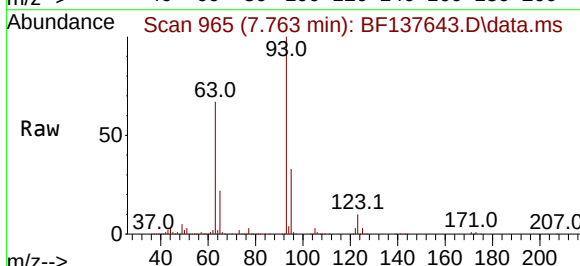
Tgt Ion: 93 Resp: 738031

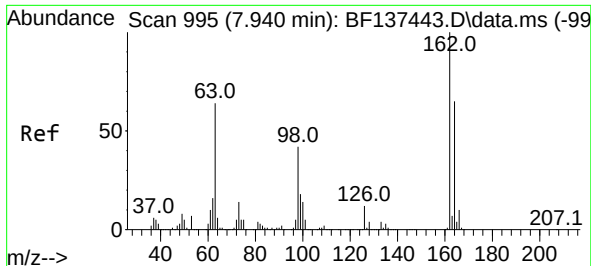
Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 10.2 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 45.332 ng

RT: 7.875 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

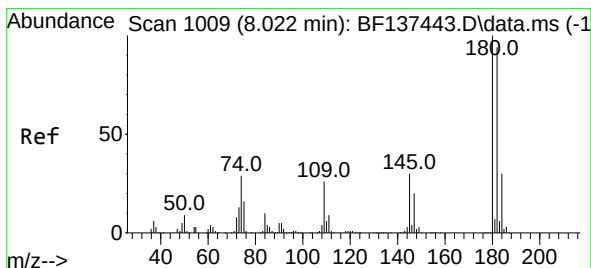
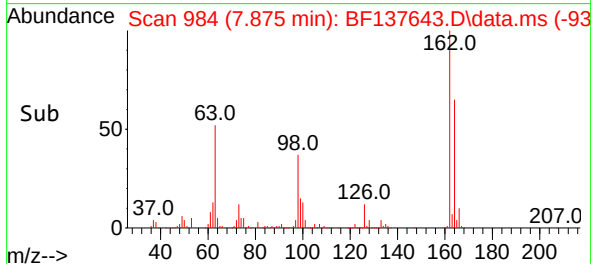
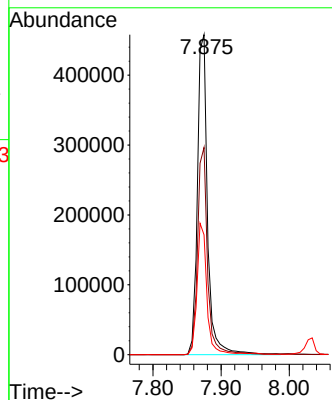
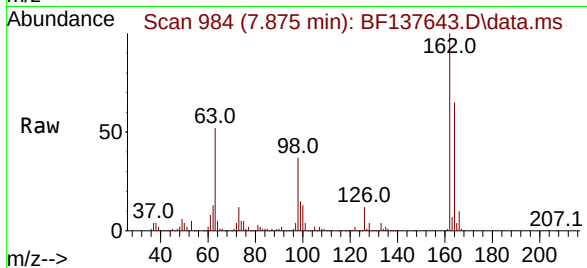
Tgt Ion:162 Resp: 474127

Ion Ratio Lower Upper

162 100

164 64.8 44.7 84.7

98 37.4 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 46.150 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

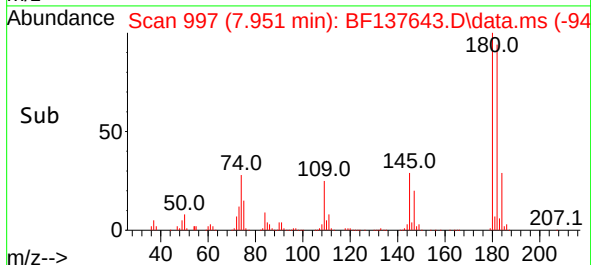
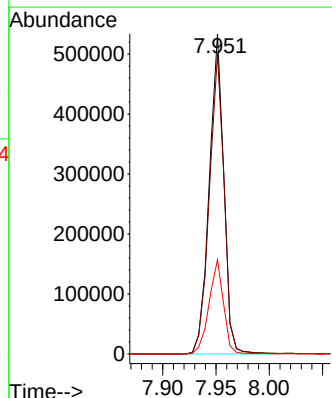
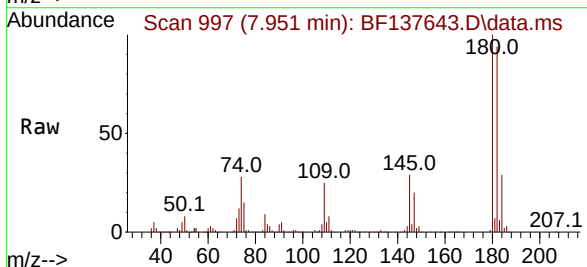
Tgt Ion:180 Resp: 507954

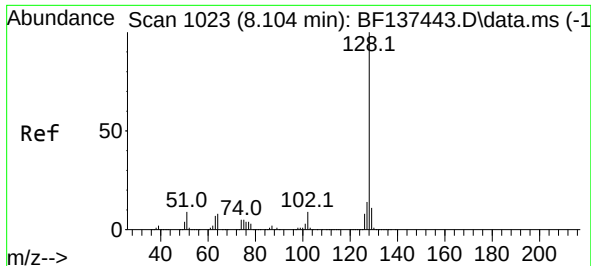
Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

145 29.4 23.7 35.5

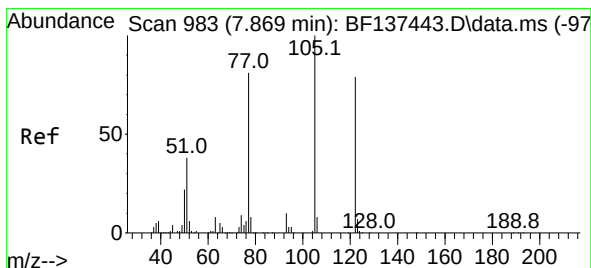
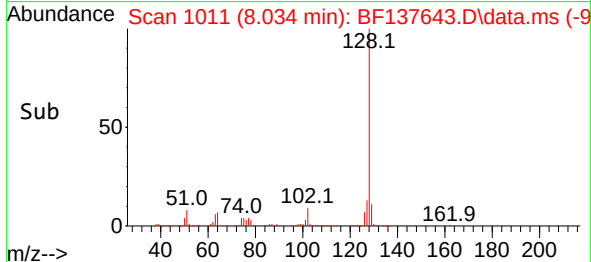
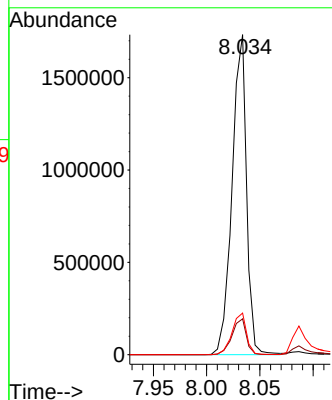
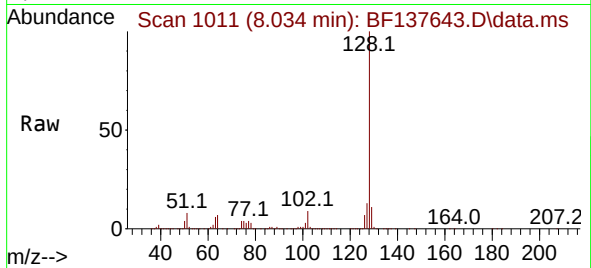




#31
Naphthalene
Concen: 42.884 ng
RT: 8.034 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

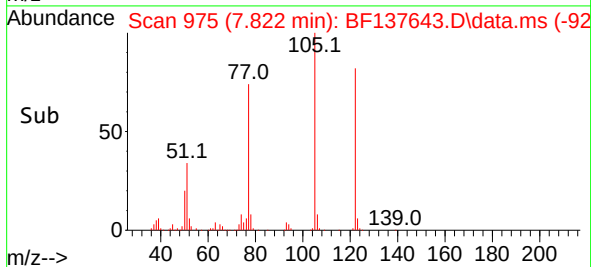
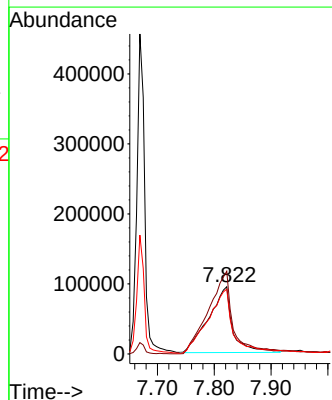
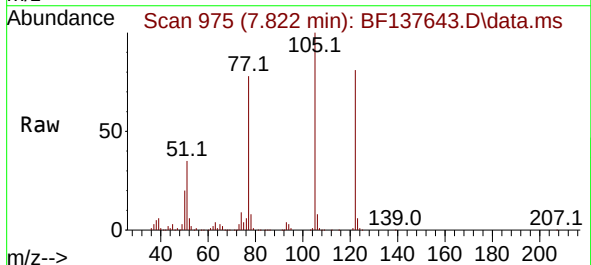
Instrument :
BNA_F
ClientSampleId :
PB159643BS

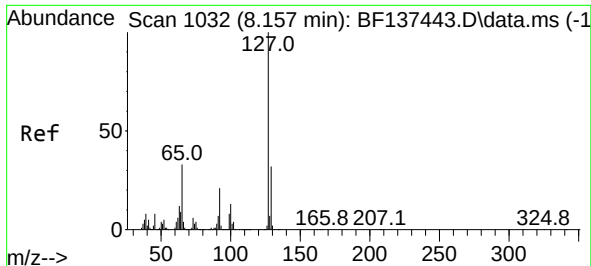
Tgt Ion:128 Resp: 1634876
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 43.289 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.024 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:122 Resp: 279424
Ion Ratio Lower Upper
122 100
105 123.1 102.4 142.4
77 96.4 81.1 121.1



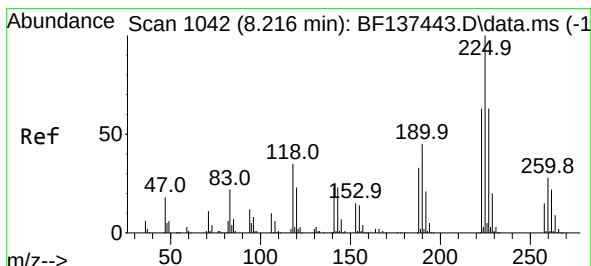
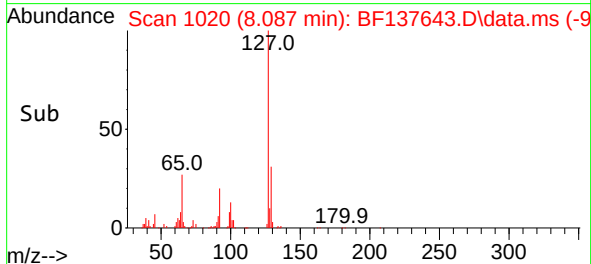
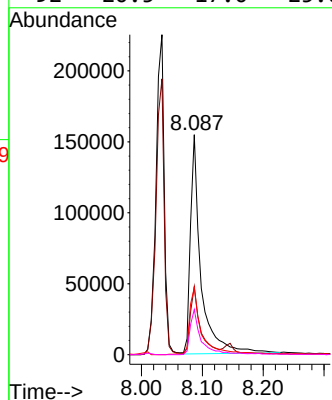
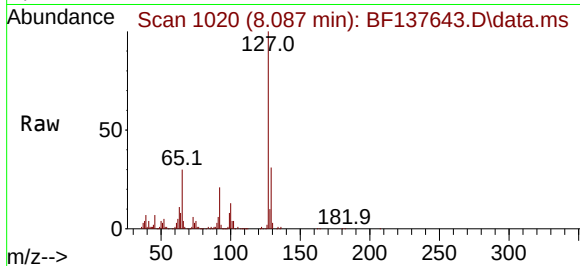


#33
4-Chloroaniline
Concen: 12.392 ng
RT: 8.087 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :
BNA_F
ClientSampleId :
PB159643BS

Tgt Ion:127 Resp: 185254

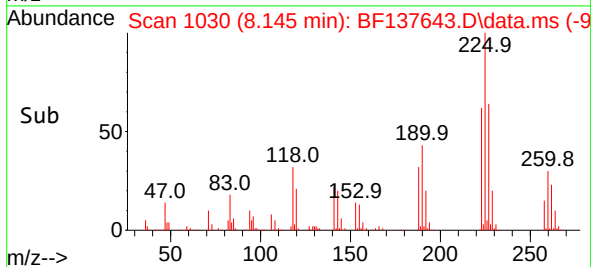
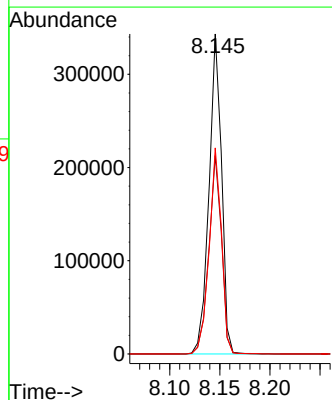
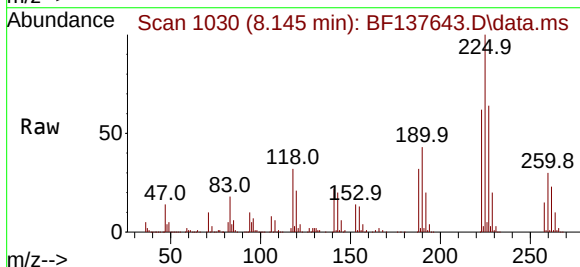
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.0	39.0
65	30.5	26.8	40.2
92	20.5	17.0	25.6

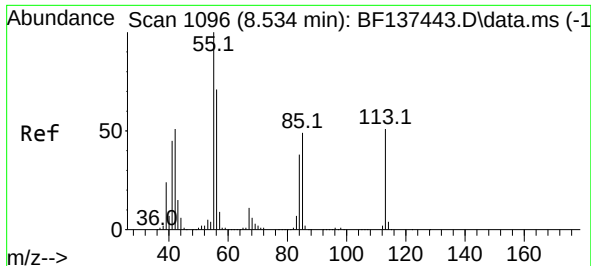


#34
Hexachlorobutadiene
Concen: 46.092 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:225 Resp: 299504

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.7	76.1
227	64.4	50.6	75.8

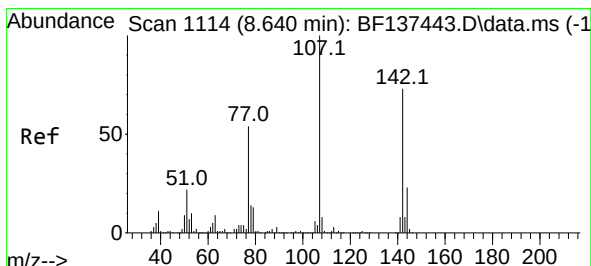
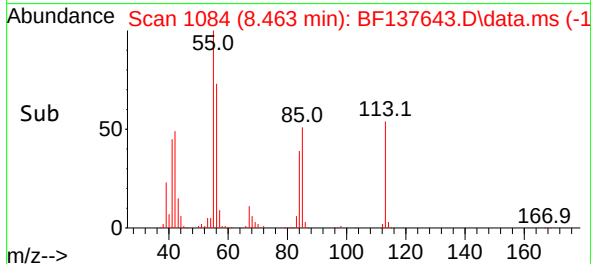
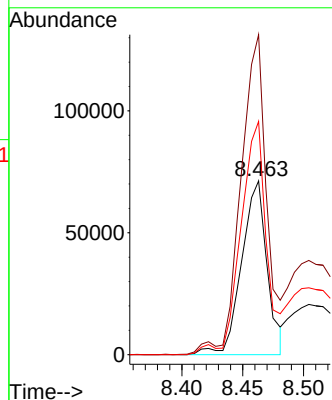
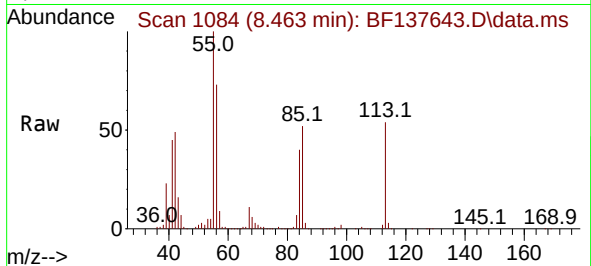




#35
 Caprolactam
 Concen: 29.230 ng
 RT: 8.463 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137643.D
 Acq: 19 Mar 2024 12:42

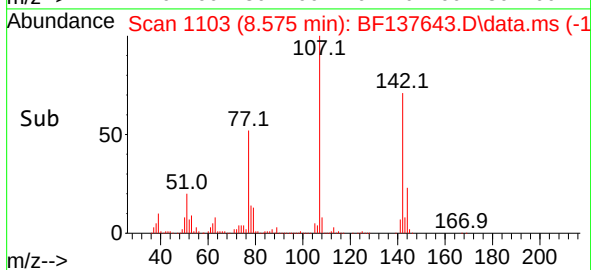
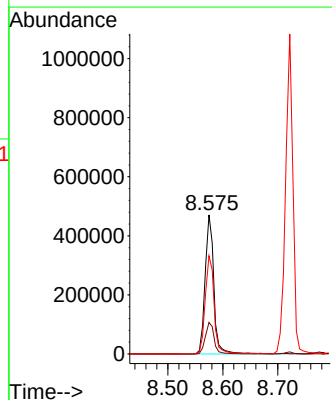
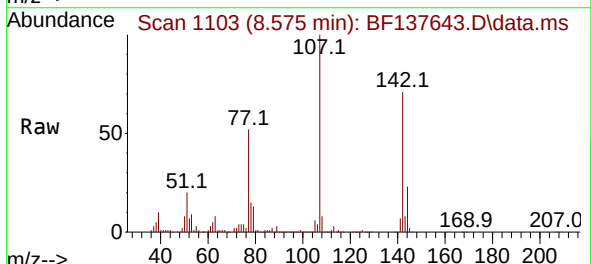
Instrument :
 BNA_F
 ClientSampleId :
 PB159643BS

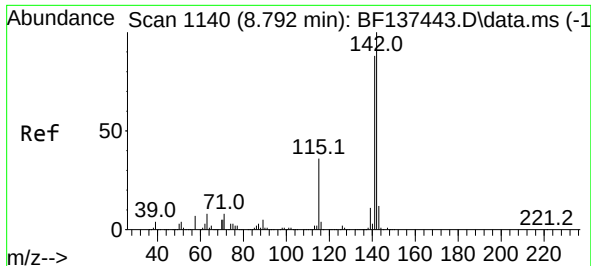
Tgt Ion:113 Resp: 103665
 Ion Ratio Lower Upper
 113 100
 55 184.2 176.7 216.7
 56 134.3 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.435 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137643.D
 Acq: 19 Mar 2024 12:42

Tgt Ion:107 Resp: 519492
 Ion Ratio Lower Upper
 107 100
 144 22.7 18.7 28.1
 142 70.7 58.2 87.2





#37

2-Methylnaphthalene

Concen: 41.236 ng

RT: 8.722 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

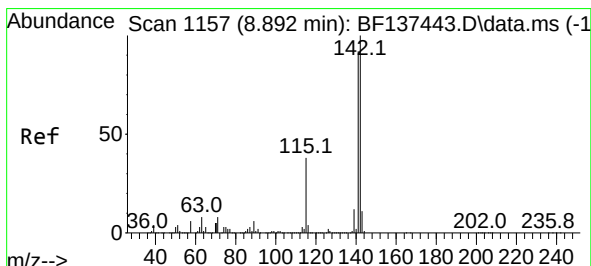
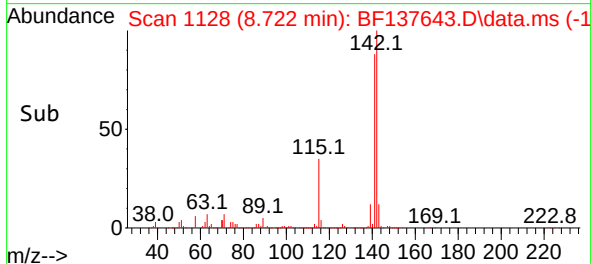
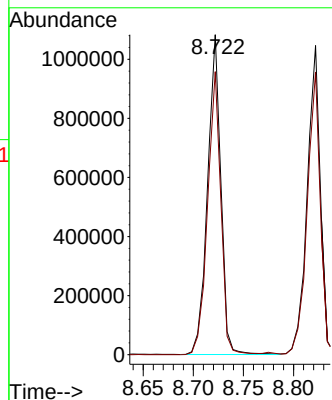
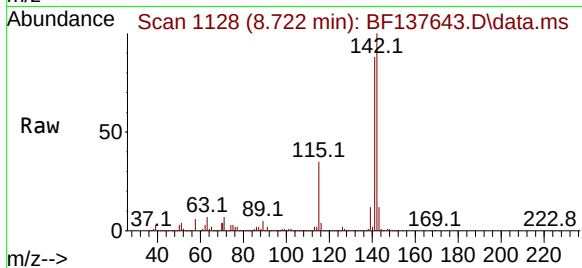
PB159643BS

Tgt Ion:142 Resp: 1002174

Ion Ratio Lower Upper

142 100

141 88.4 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.654 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF137643.D

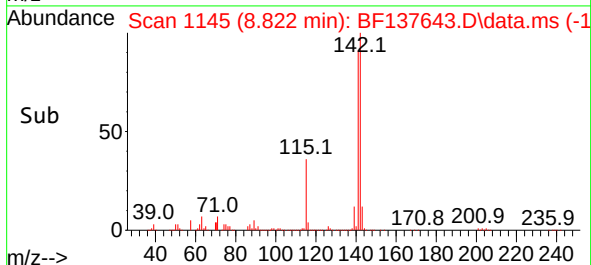
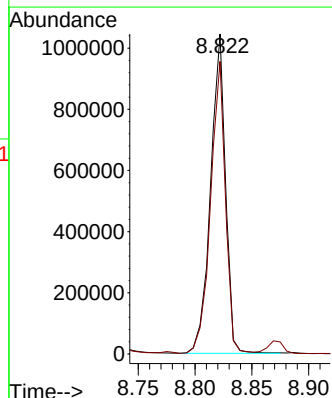
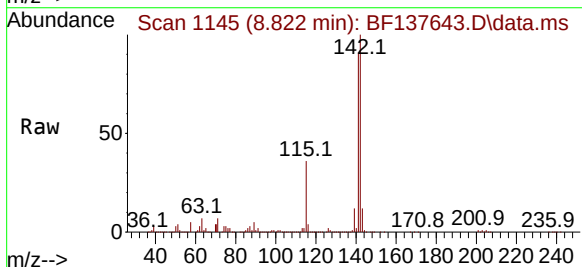
Acq: 19 Mar 2024 12:42

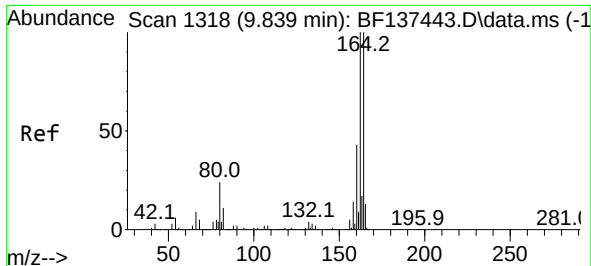
Tgt Ion:142 Resp: 953344

Ion Ratio Lower Upper

142 100

141 91.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

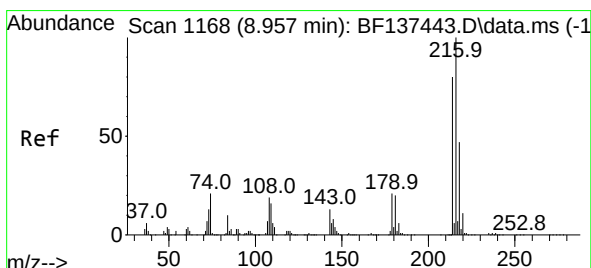
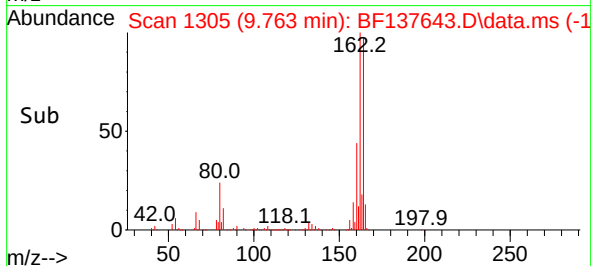
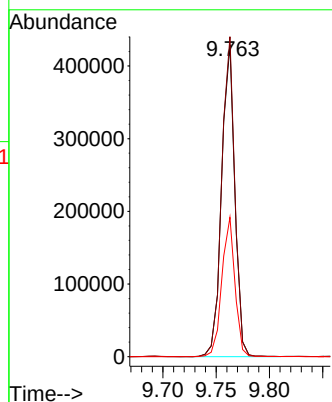
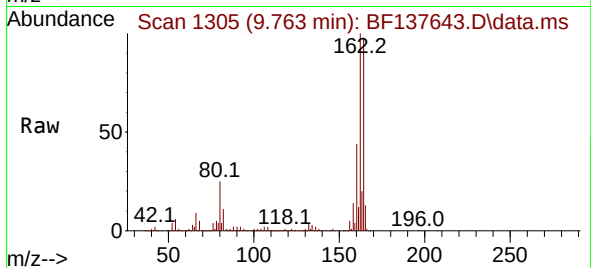
Tgt Ion:164 Resp: 370315

Ion Ratio Lower Upper

164 100

162 102.5 79.8 119.8

160 44.7 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.358 ng

RT: 8.887 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Tgt Ion:216 Resp: 499935

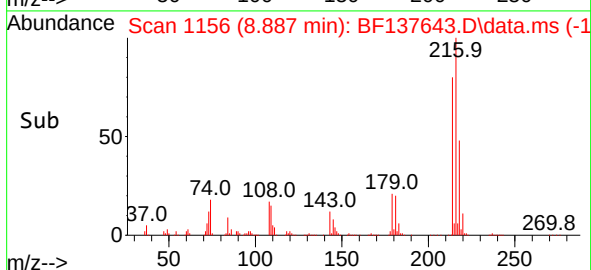
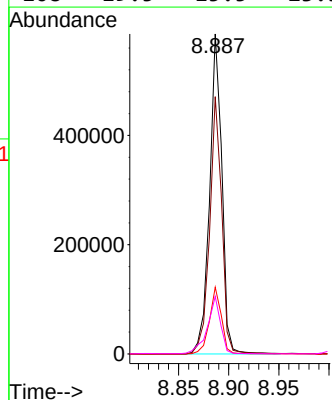
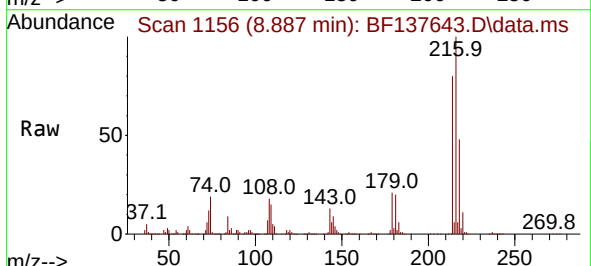
Ion Ratio Lower Upper

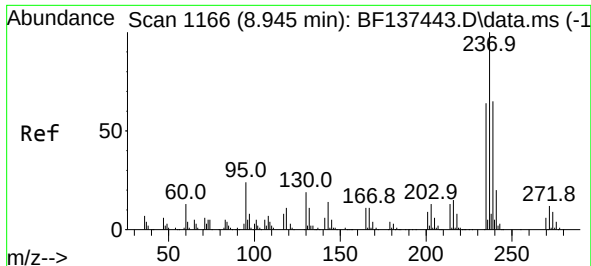
216 100

214 78.7 63.5 95.3

179 20.4 16.6 25.0

108 19.5 15.5 23.3

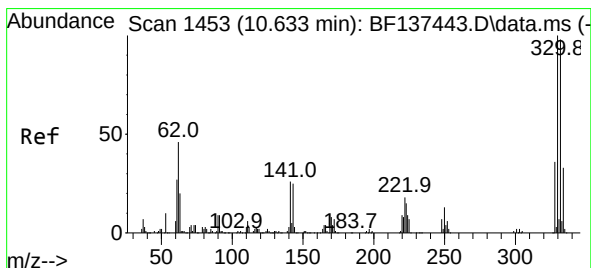
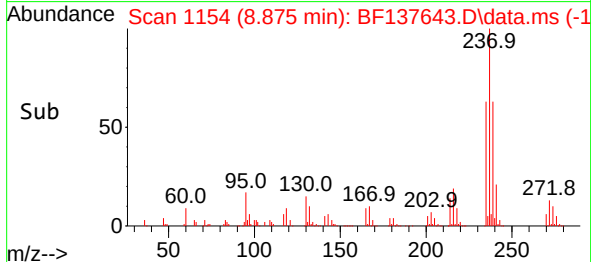
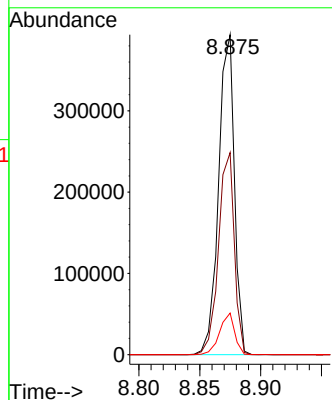
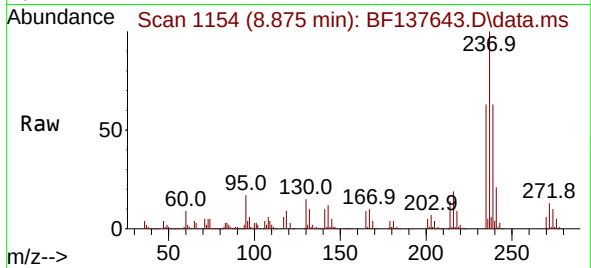




#41
Hexachlorocyclopentadiene
Concen: 83.898 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

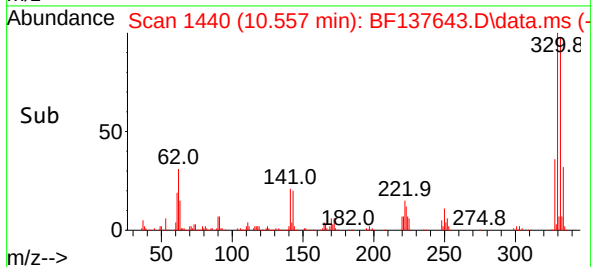
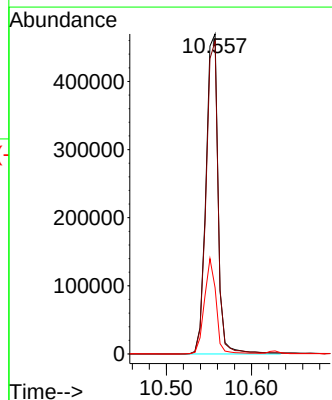
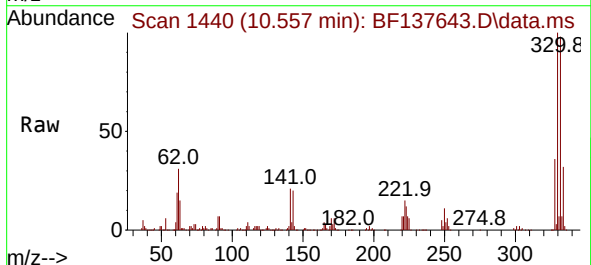
Instrument :
BNA_F
ClientSampleId :
PB159643BS

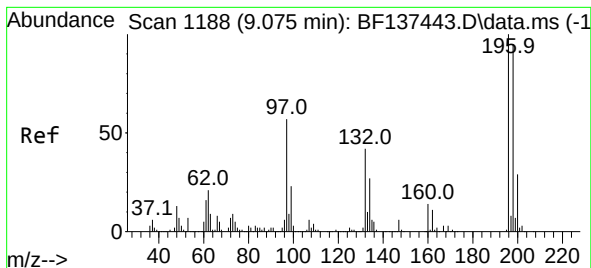
Tgt Ion:237 Resp: 355856
Ion Ratio Lower Upper
237 100
235 63.2 43.6 83.6
272 13.0 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 142.284 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:330 Resp: 462709
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 29.0 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 47.407 ng

RT: 9.004 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

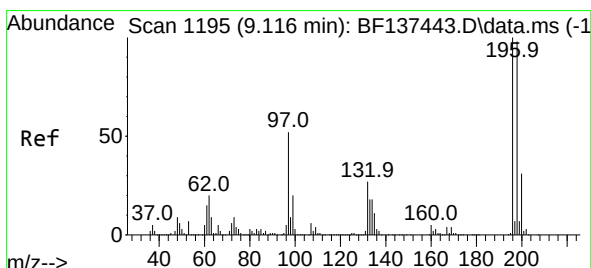
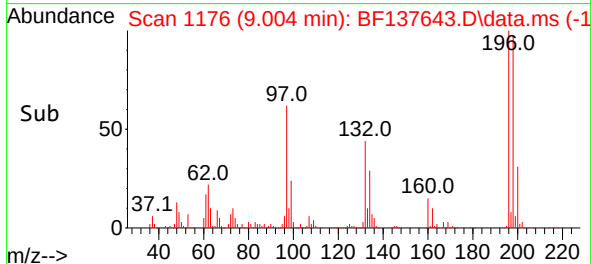
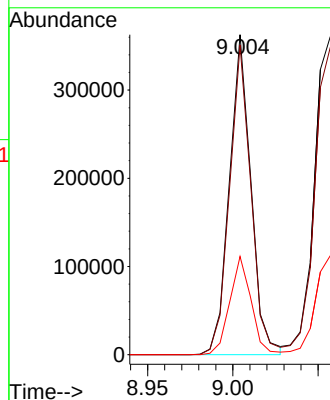
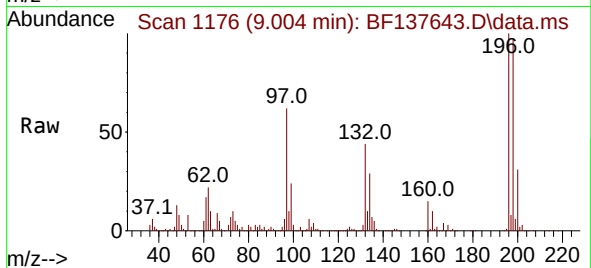
Tgt Ion:196 Resp: 319157

Ion Ratio Lower Upper

196 100

198 96.8 75.8 113.8

200 30.7 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 44.756 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.018 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Tgt Ion:196 Resp: 347096

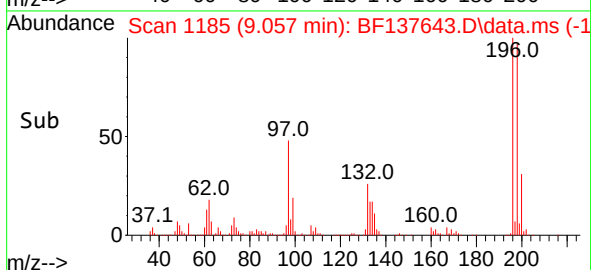
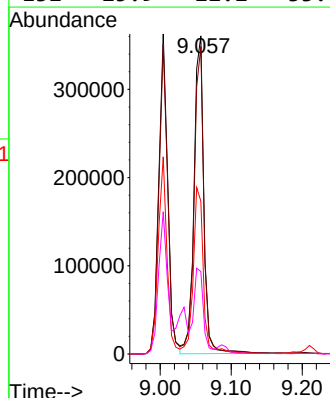
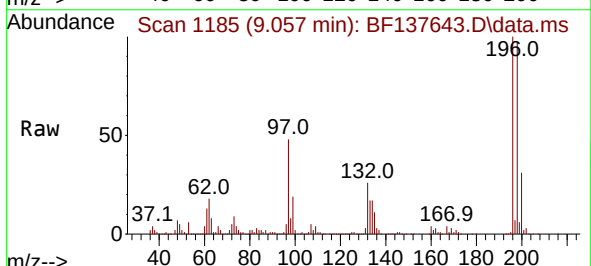
Ion Ratio Lower Upper

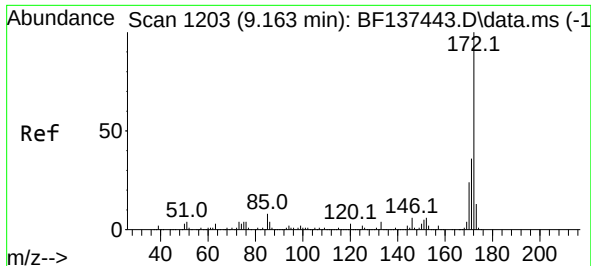
196 100

198 96.6 78.6 117.8

97 48.0 41.8 62.8

132 25.9 22.2 33.4

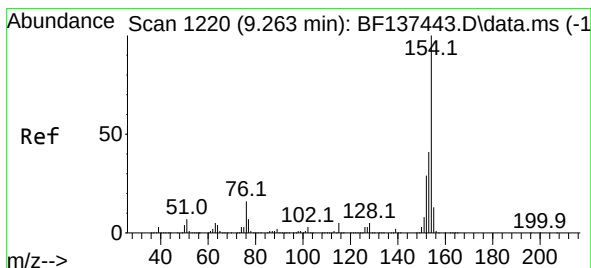
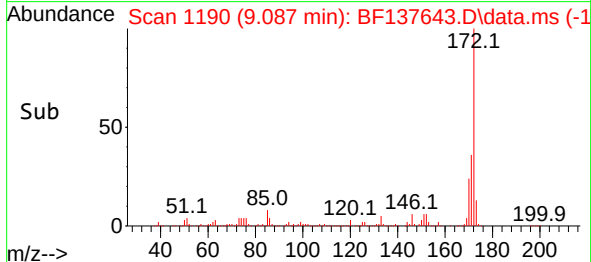
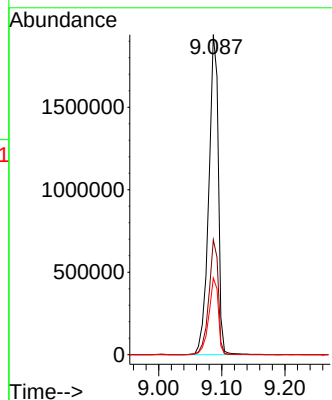
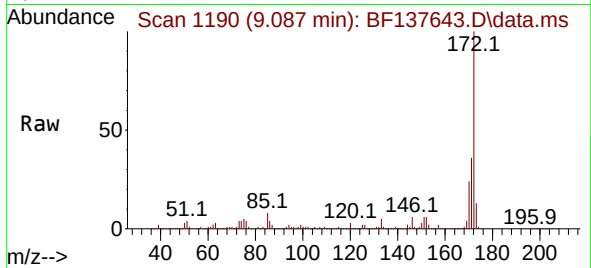




#45
2-Fluorobiphenyl
Concen: 86.302 ng
RT: 9.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

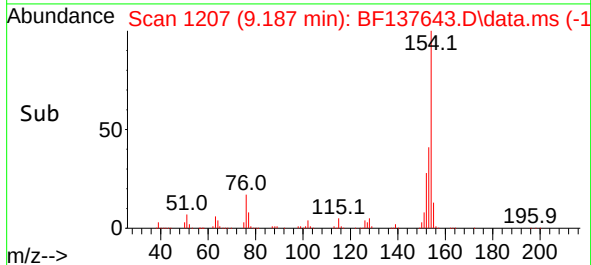
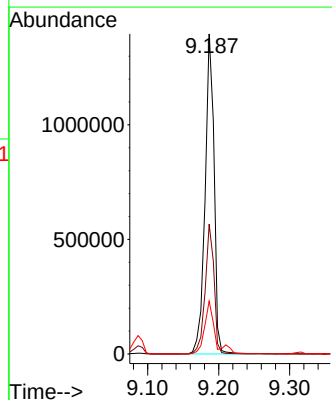
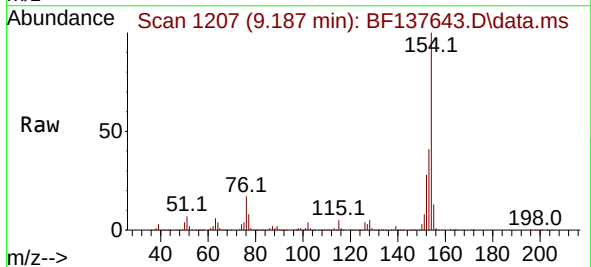
Instrument :
BNA_F
ClientSampleId :
PB159643BS

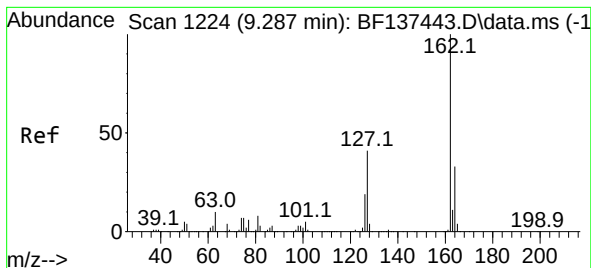
Tgt Ion:172 Resp: 2041632
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.0 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.660 ng
RT: 9.187 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:154 Resp: 1237570
Ion Ratio Lower Upper
154 100
153 40.5 21.0 61.0
76 16.5 0.0 35.8





#47

2-Chloronaphthalene

Concen: 47.437 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

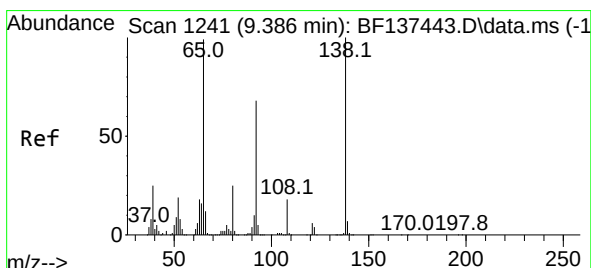
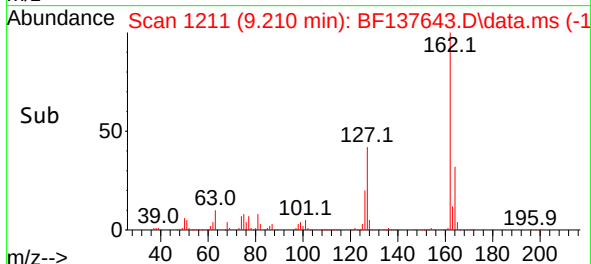
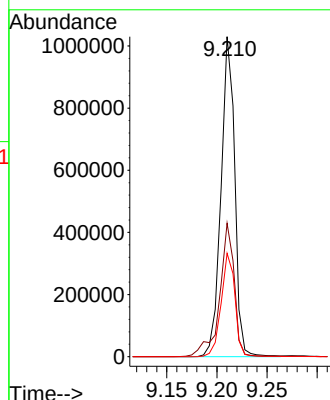
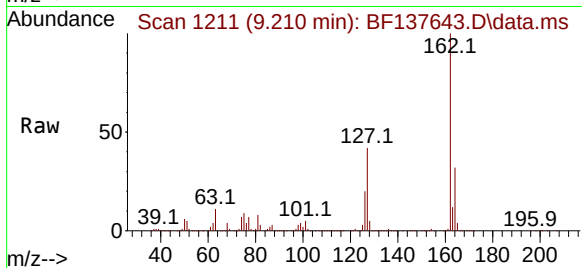
Tgt Ion:162 Resp: 980258

Ion Ratio Lower Upper

162 100

127 41.7 32.6 49.0

164 32.3 26.5 39.7



#48

2-Nitroaniline

Concen: 47.423 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

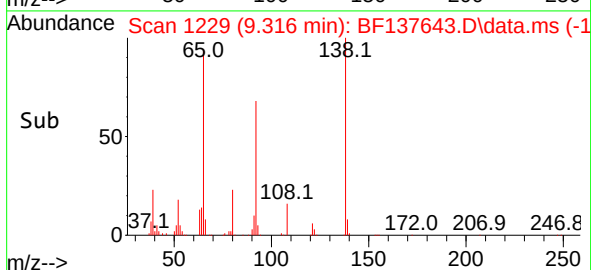
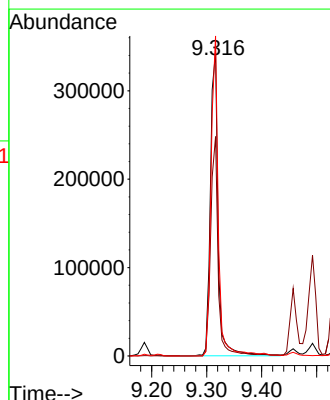
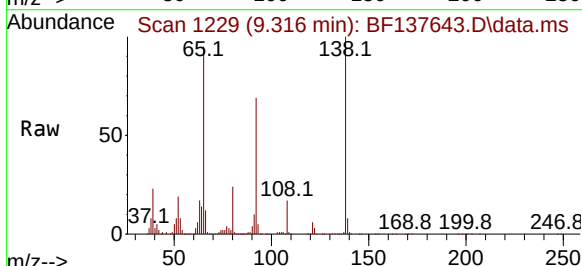
Tgt Ion: 65 Resp: 333083

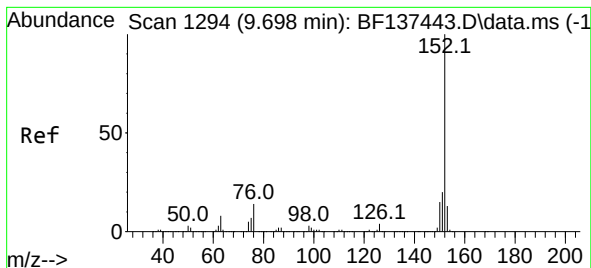
Ion Ratio Lower Upper

65 100

92 72.2 55.4 83.2

138 105.3 81.0 121.6





#49

Acenaphthylene

Concen: 46.405 ng

RT: 9.628 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

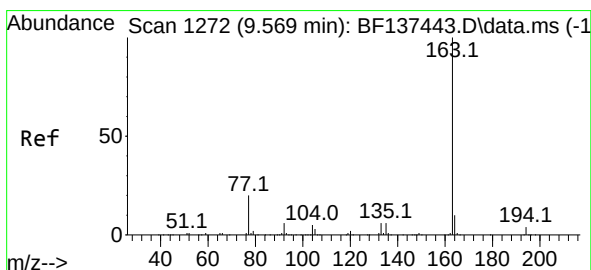
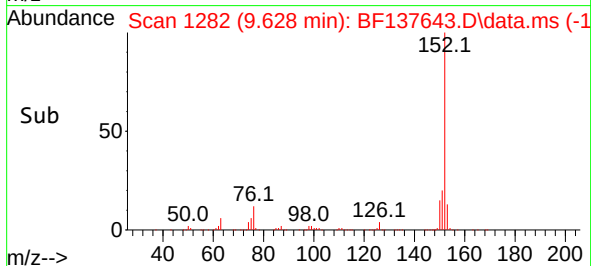
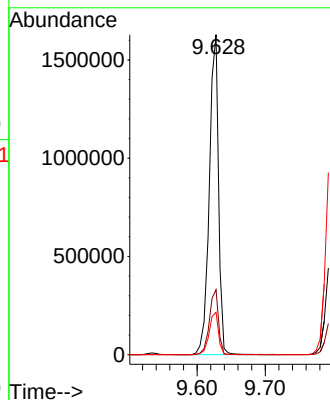
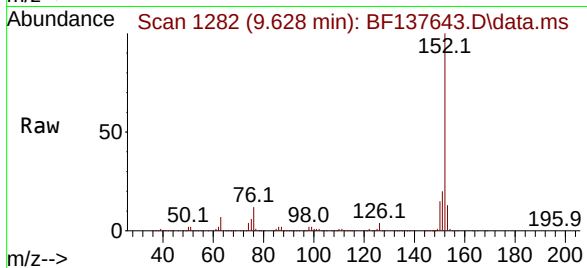
Tgt Ion:152 Resp: 1534606

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 45.257 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

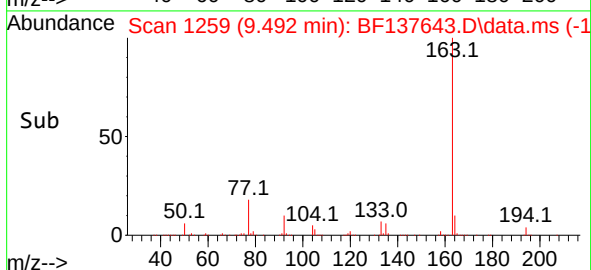
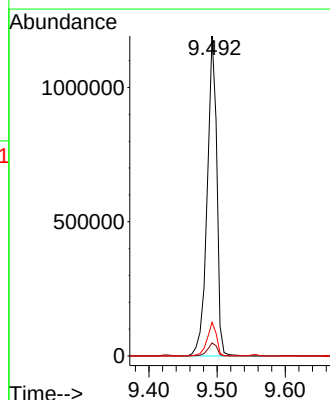
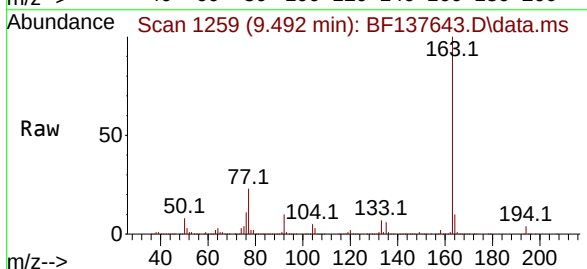
Tgt Ion:163 Resp: 1166639

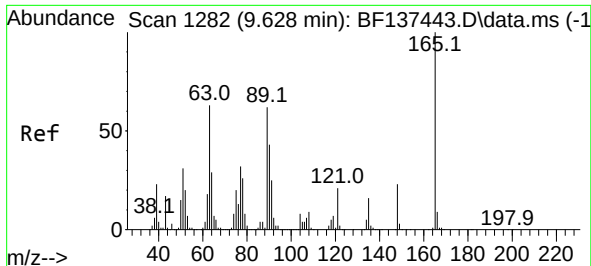
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.5 8.1 12.1

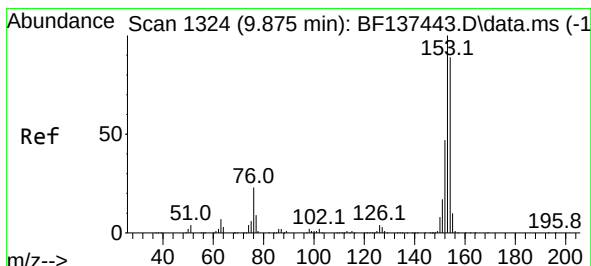
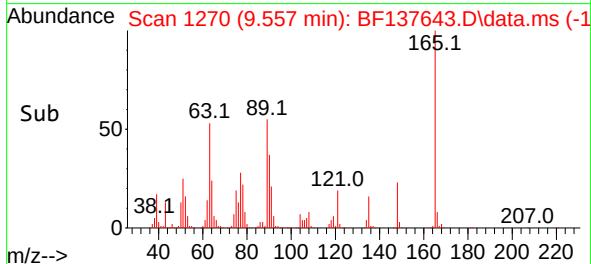
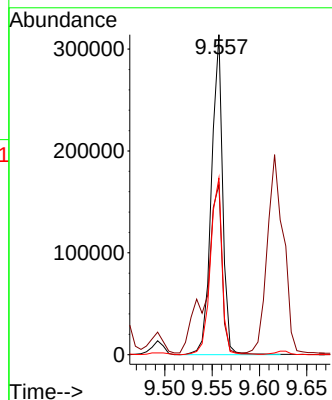
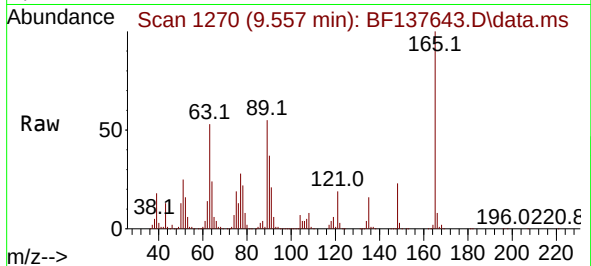




#51
2,6-Dinitrotoluene
Concen: 47.759 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

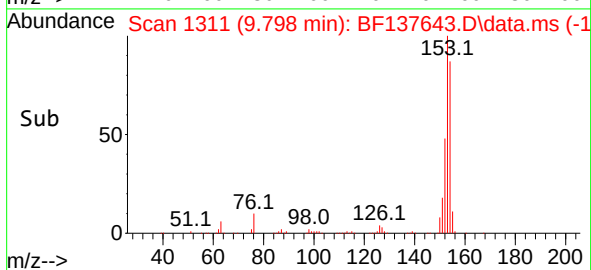
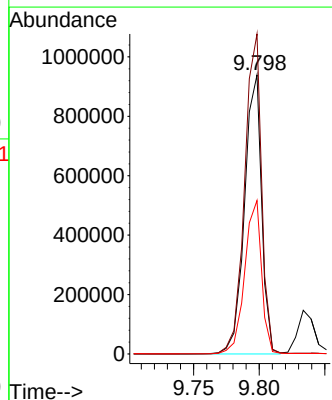
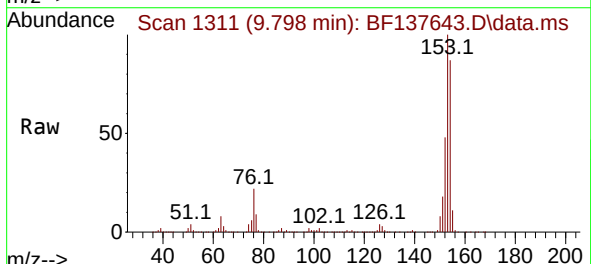
Instrument :
BNA_F
ClientSampleId :
PB159643BS

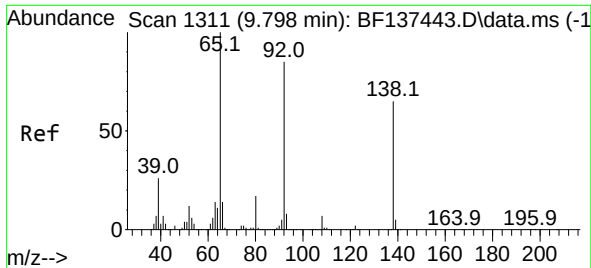
Tgt Ion:165 Resp: 257507
Ion Ratio Lower Upper
165 100
63 53.1 50.7 76.1
89 55.1 50.0 75.0



#52
Acenaphthene
Concen: 43.261 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:154 Resp: 854100
Ion Ratio Lower Upper
154 100
153 114.6 90.3 135.5
152 55.0 42.7 64.1

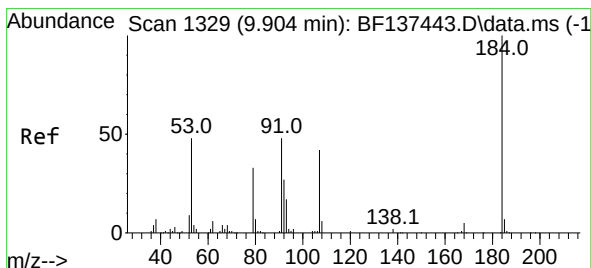
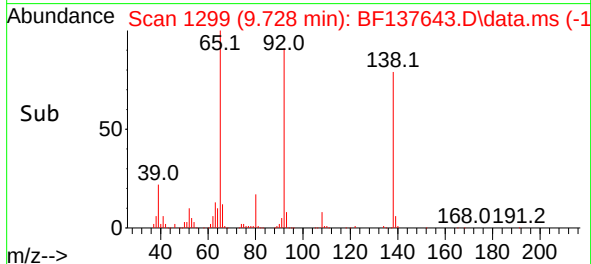
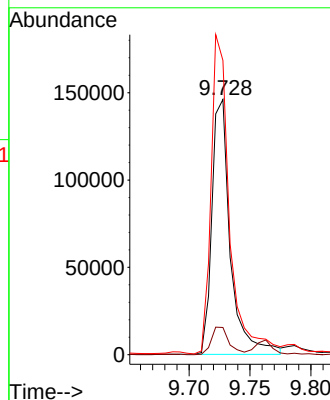
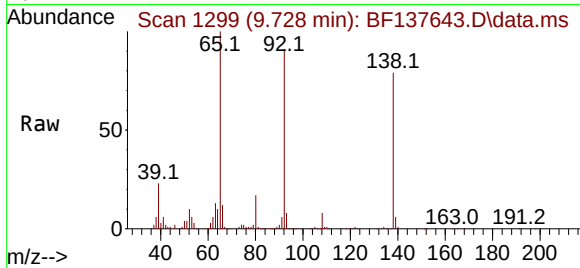




#53
3-Nitroaniline
Concen: 27.041 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

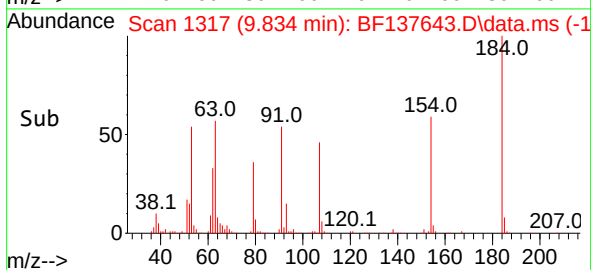
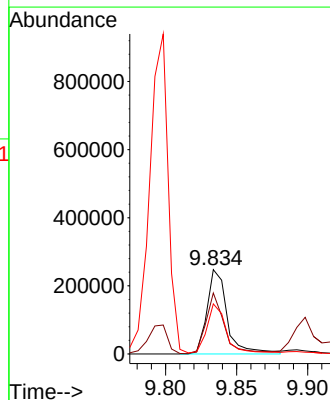
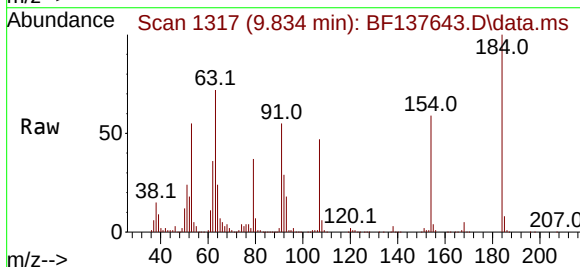
Instrument :
BNA_F
ClientSampleId :
PB159643BS

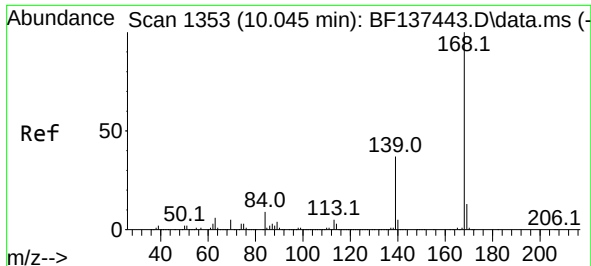
Tgt Ion:138 Resp: 154217
Ion Ratio Lower Upper
138 100
108 10.6 9.1 13.7
92 115.3 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 92.304 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:184 Resp: 246452
Ion Ratio Lower Upper
184 100
63 72.2 53.3 79.9
154 59.4 47.4 71.0

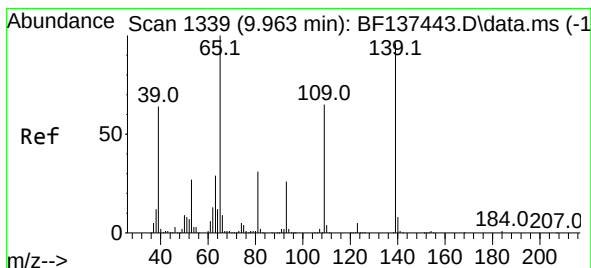
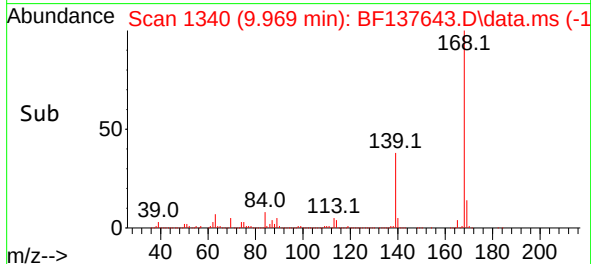
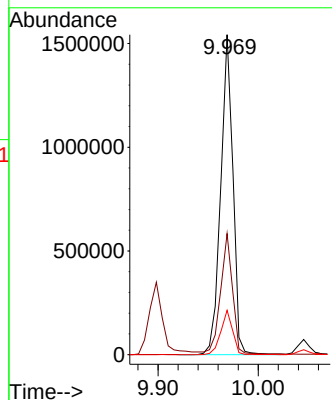
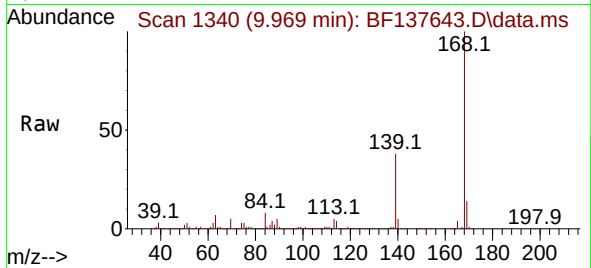




#55
Dibenzofuran
Concen: 43.228 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

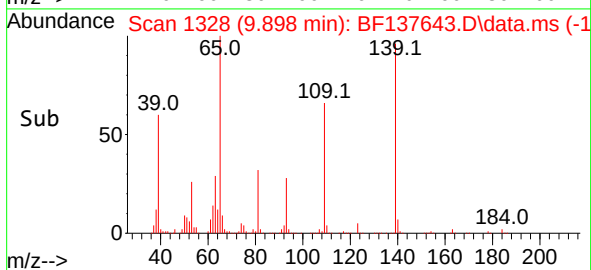
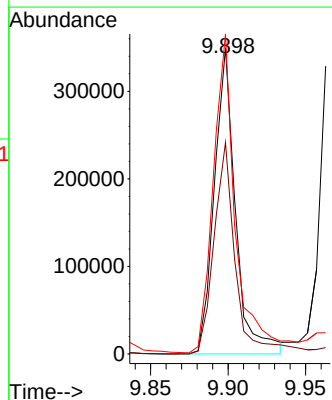
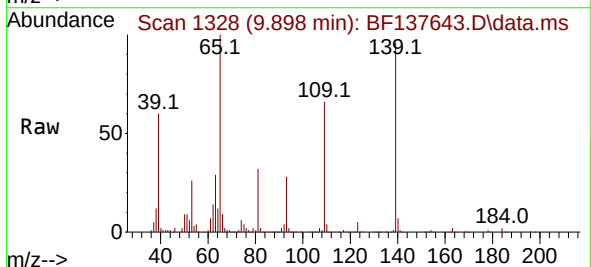
Instrument :
BNA_F
ClientSampleId :
PB159643BS

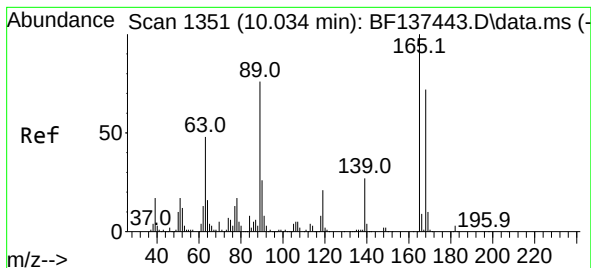
Tgt Ion:168 Resp: 1299879
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.6
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 81.901 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:139 Resp: 332776
Ion Ratio Lower Upper
139 100
109 69.1 47.1 87.1
65 104.5 85.1 125.1

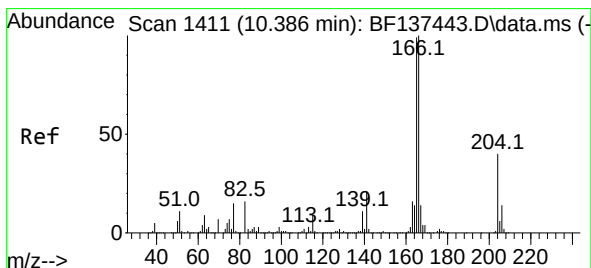
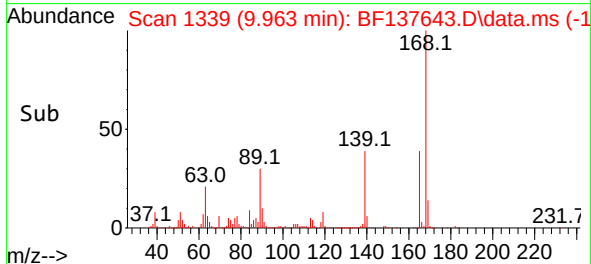
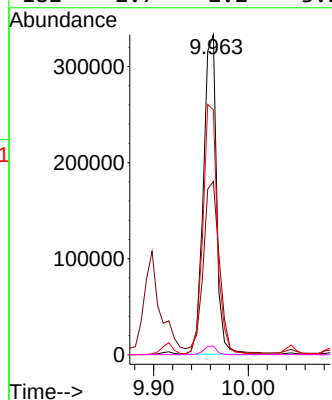
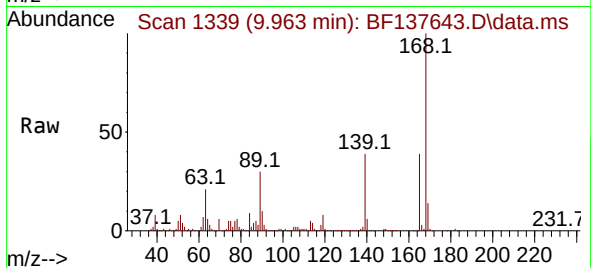




#57
2,4-Dinitrotoluene
Concen: 48.293 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

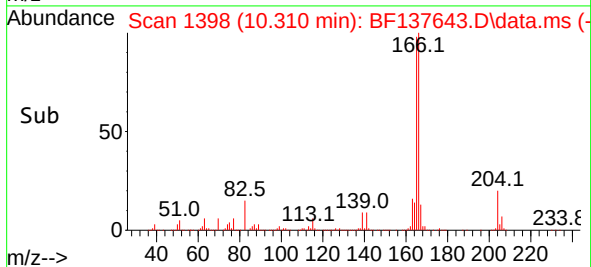
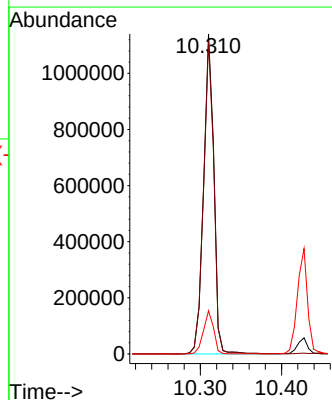
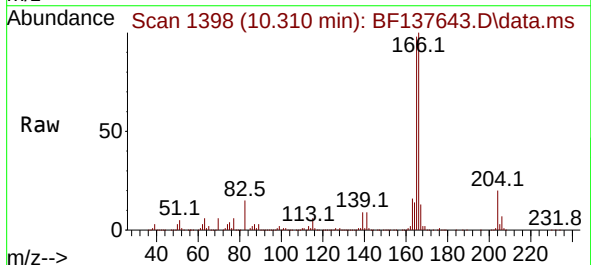
Instrument :
BNA_F
ClientSampleId :
PB159643BS

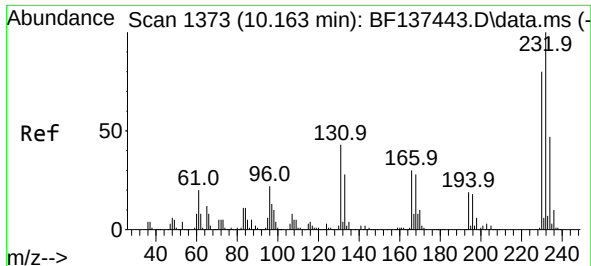
Tgt Ion:165 Resp: 319905
Ion Ratio Lower Upper
165 100
63 54.1 39.0 58.6
89 76.5 60.9 91.3
182 2.7 2.2 3.2



#58
Fluorene
Concen: 43.412 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:166 Resp: 1002532
Ion Ratio Lower Upper
166 100
165 97.8 79.2 118.8
167 13.5 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.960 ng

RT: 10.087 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

Tgt Ion:232 Resp: 285825

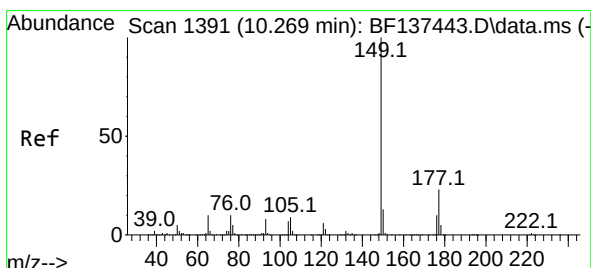
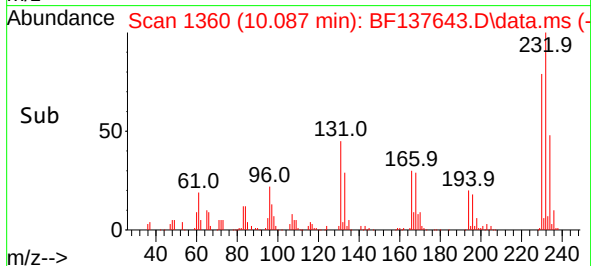
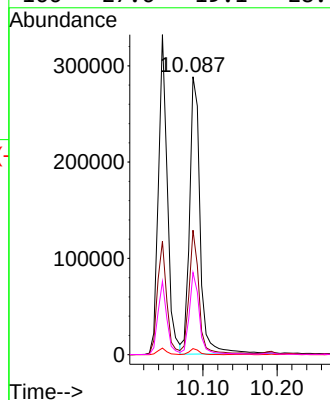
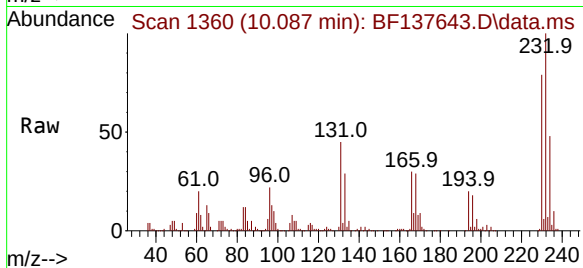
Ion Ratio Lower Upper

232 100

131 40.2 31.2 46.8

130 2.1 1.8 2.6

166 27.6 19.1 28.7



#60

Diethylphthalate

Concen: 44.308 ng

RT: 10.192 min Scan# 1378

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

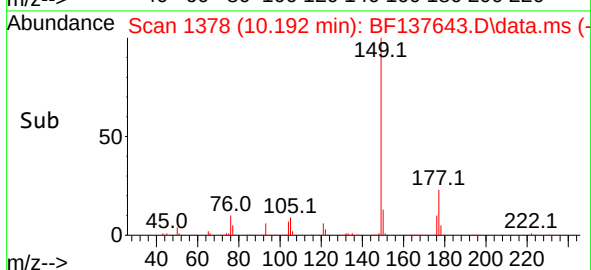
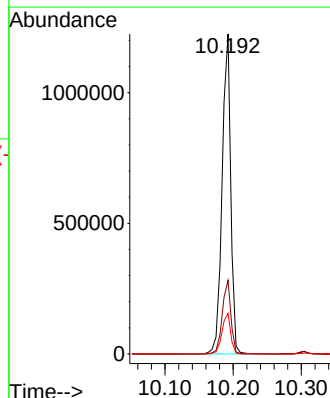
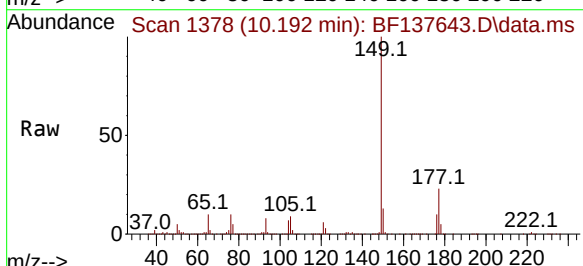
Tgt Ion:149 Resp: 1078597

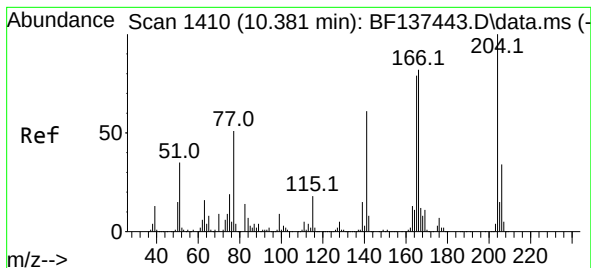
Ion Ratio Lower Upper

149 100

177 23.0 18.7 28.1

150 12.7 10.2 15.4

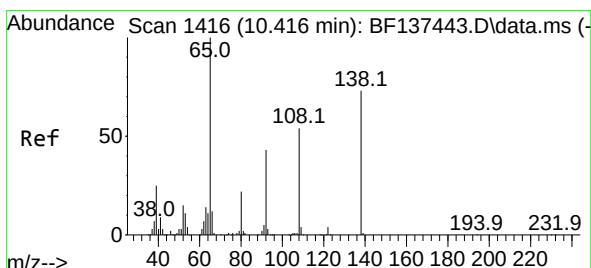
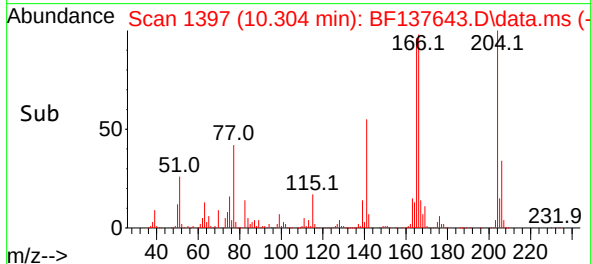
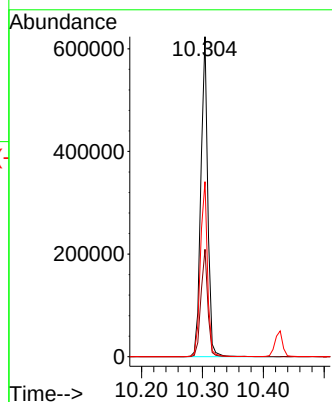
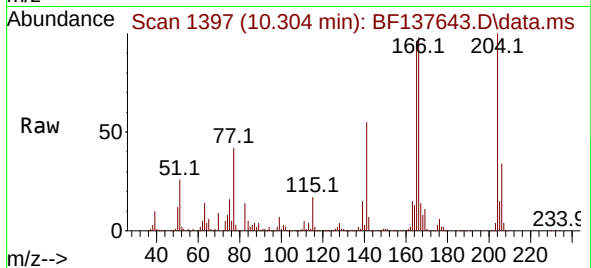




#61
4-Chlorophenyl-phenylether
Concen: 43.492 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

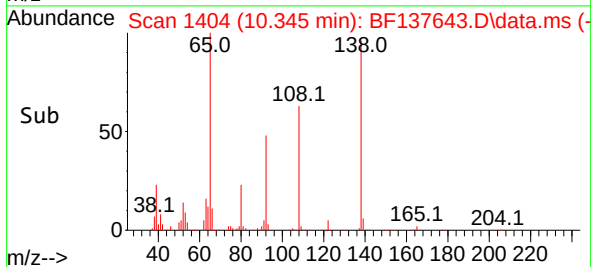
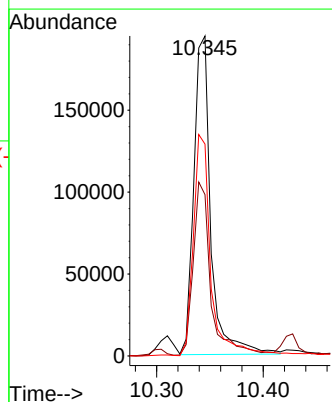
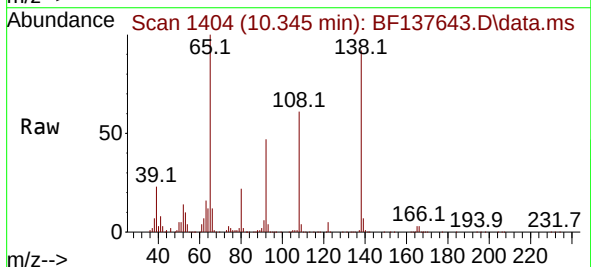
Instrument :
BNA_F
ClientSampleId :
PB159643BS

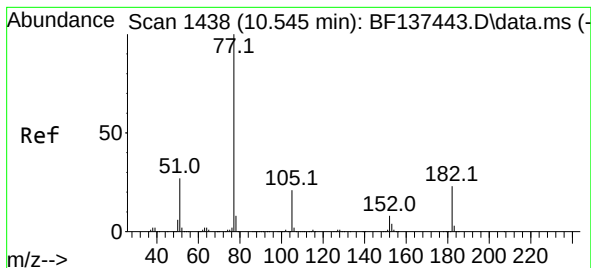
Tgt Ion:204 Resp: 492243
Ion Ratio Lower Upper
204 100
206 33.6 27.4 41.0
141 54.7 48.4 72.6



#62
4-Nitroaniline
Concen: 44.096 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:138 Resp: 216147
Ion Ratio Lower Upper
138 100
92 50.4 37.9 77.9
108 66.2 53.2 93.2





#63

Azobenzene

Concen: 42.037 ng

RT: 10.463 min Scan# 1438

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

Tgt Ion: 77 Resp: 1178344

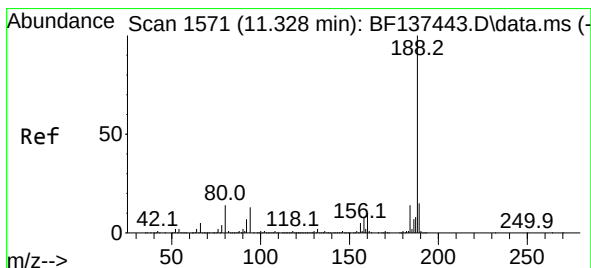
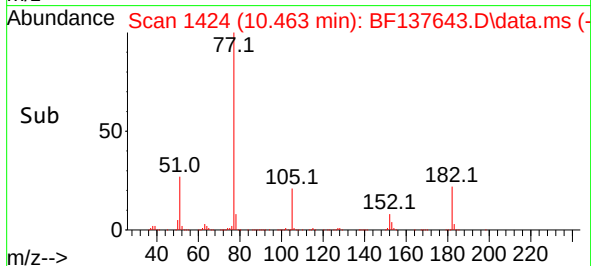
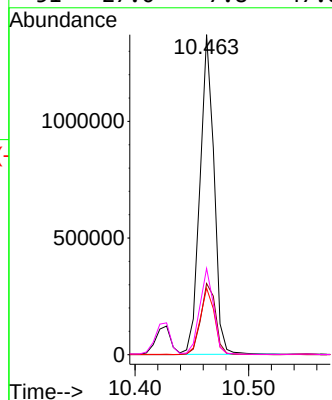
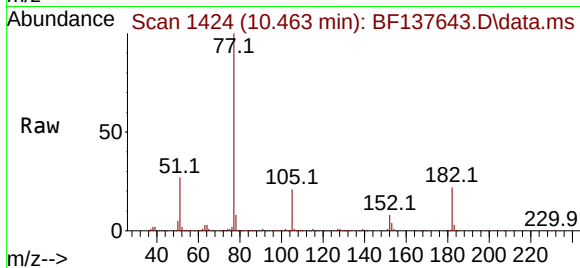
Ion Ratio Lower Upper

77 100

182 22.3 3.2 43.2

105 20.8 1.2 41.2

51 27.0 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

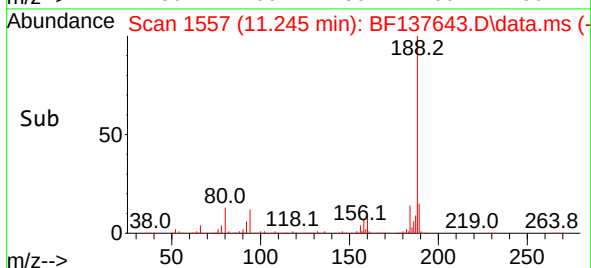
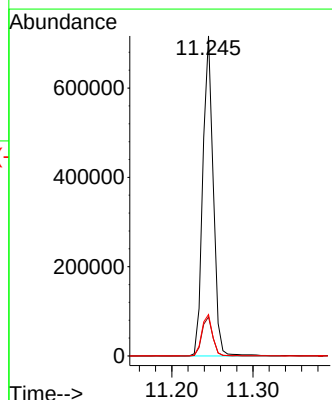
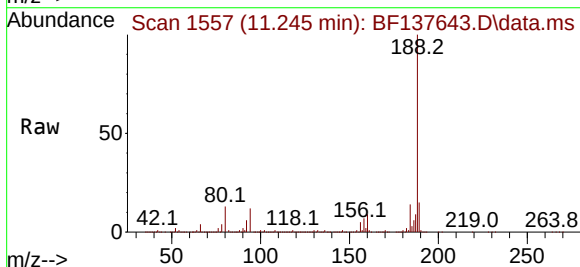
Tgt Ion: 188 Resp: 639032

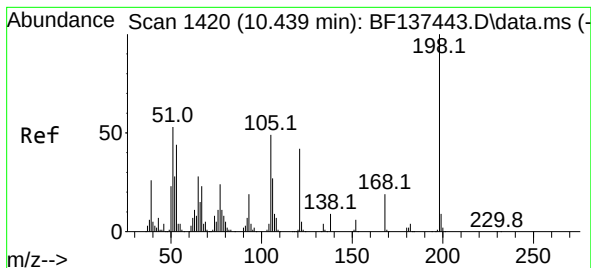
Ion Ratio Lower Upper

188 100

94 12.2 10.6 15.8

80 13.0 11.5 17.3

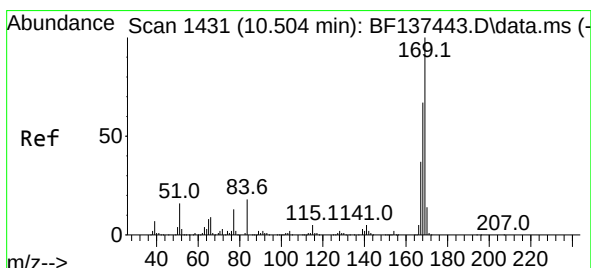
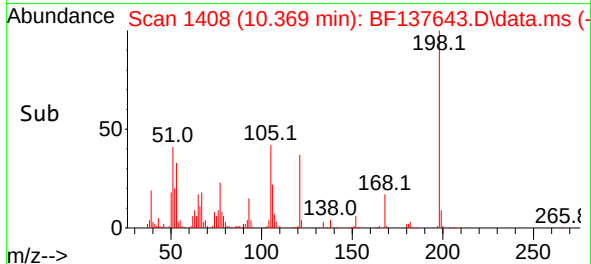
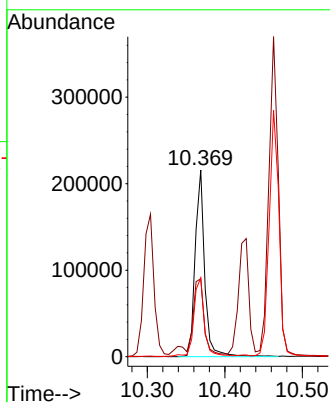
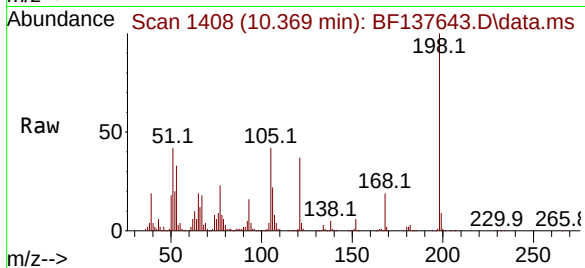




#65
4,6-Dinitro-2-methylphenol
Concen: 51.839 ng
RT: 10.369 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

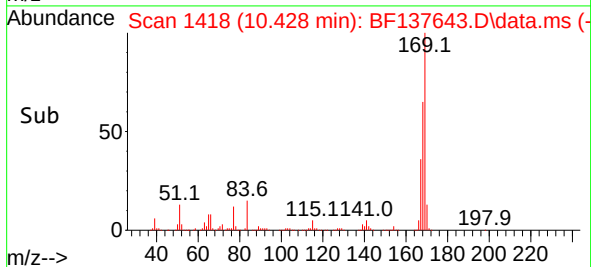
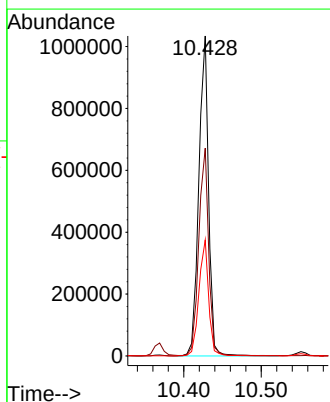
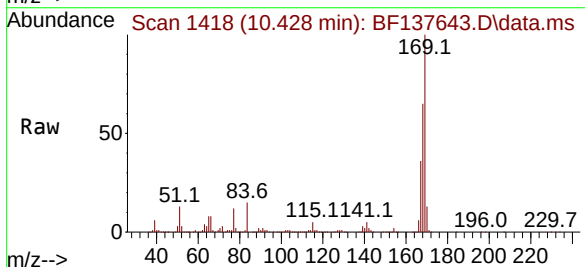
Instrument :
BNA_F
ClientSampleId :
PB159643BS

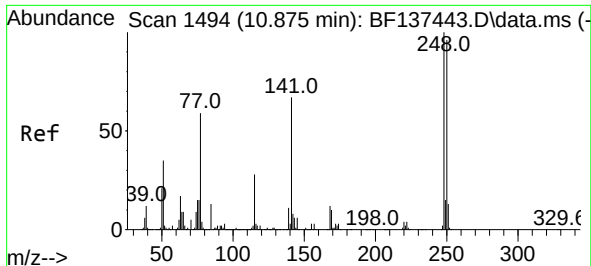
Tgt Ion:198 Resp: 184632
Ion Ratio Lower Upper
198 100
51 41.7 37.2 77.2
105 42.3 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 43.814 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:169 Resp: 901590
Ion Ratio Lower Upper
169 100
168 64.9 53.8 80.6
167 36.3 29.6 44.4

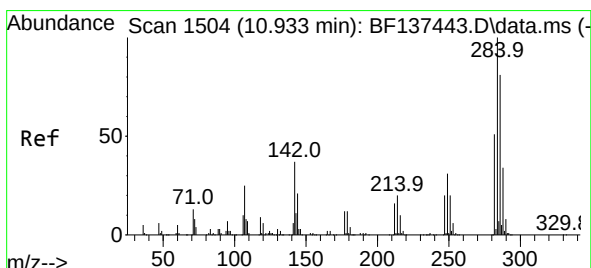
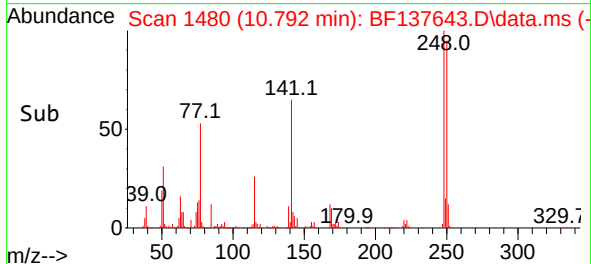
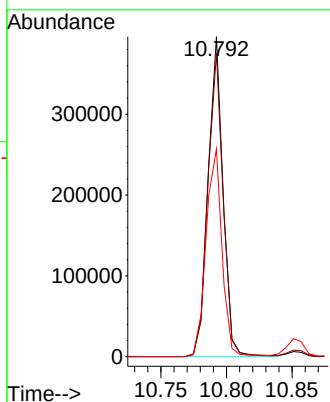
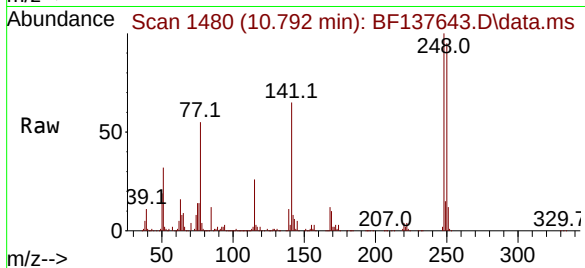




#67
4-Bromophenyl-phenylether
Concen: 45.435 ng
RT: 10.792 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

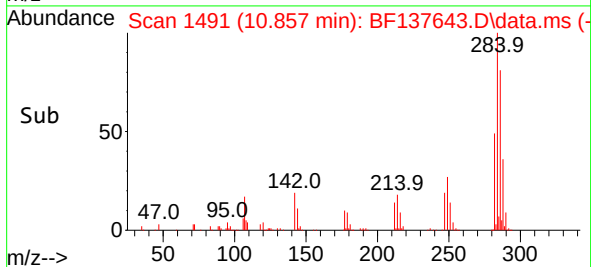
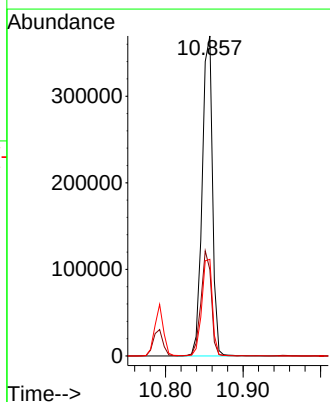
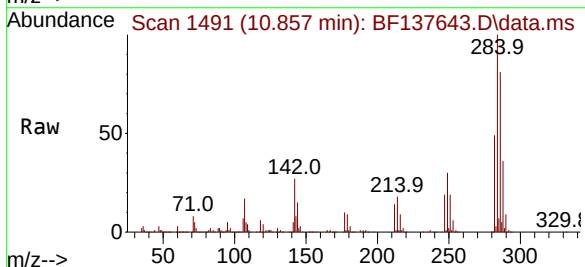
Instrument :
BNA_F
ClientSampleId :
PB159643BS

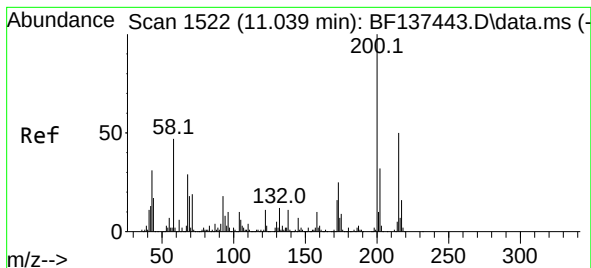
Tgt Ion:248 Resp: 316235
Ion Ratio Lower Upper
248 100
250 94.8 76.8 115.2
141 64.9 53.4 80.0



#68
Hexachlorobenzene
Concen: 48.498 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:284 Resp: 340937
Ion Ratio Lower Upper
284 100
142 27.0 29.4 44.0#
249 30.2 25.0 37.4





#69

Atrazine

Concen: 41.628 ng

RT: 10.957 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

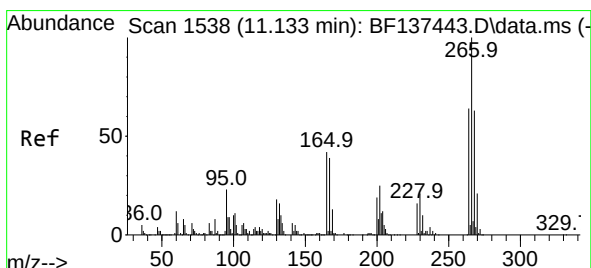
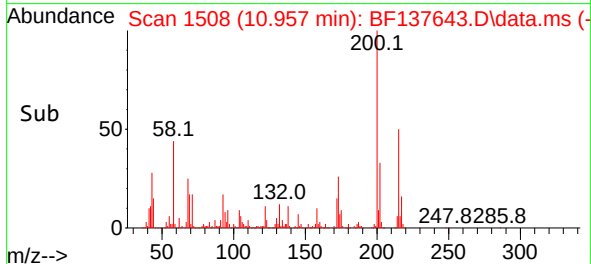
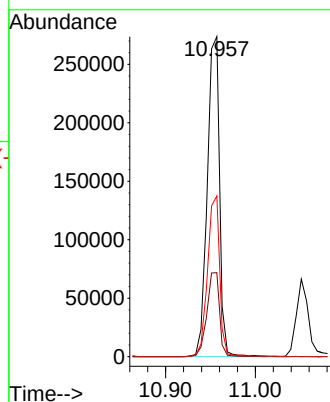
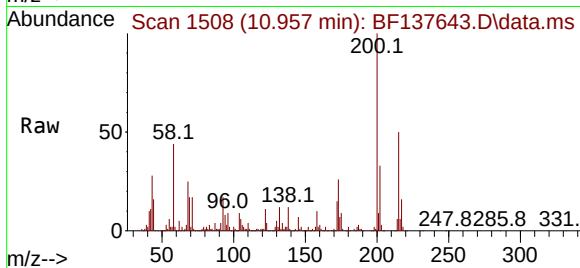
Tgt Ion:200 Resp: 260403

Ion Ratio Lower Upper

200 100

173 26.3 5.1 45.1

215 50.3 30.4 70.4



#70

Pentachlorophenol

Concen: 85.397 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

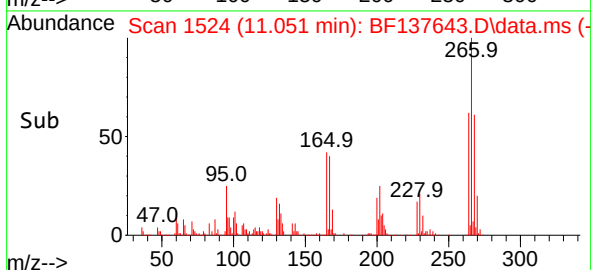
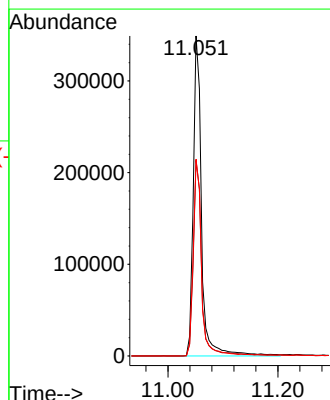
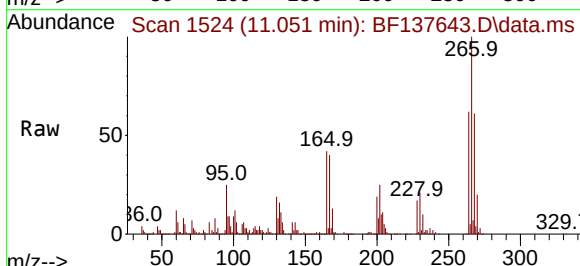
Tgt Ion:266 Resp: 362913

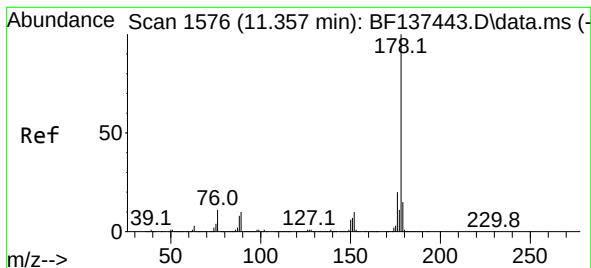
Ion Ratio Lower Upper

266 100

268 61.2 50.2 75.2

264 61.5 50.9 76.3





#71

Phenanthrene

Concen: 42.572 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

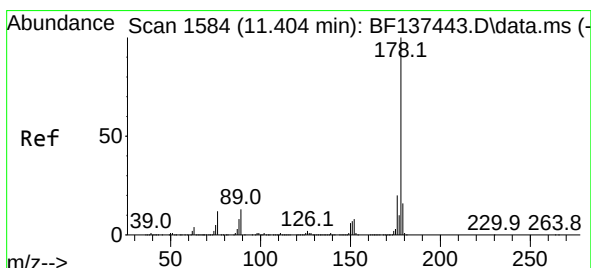
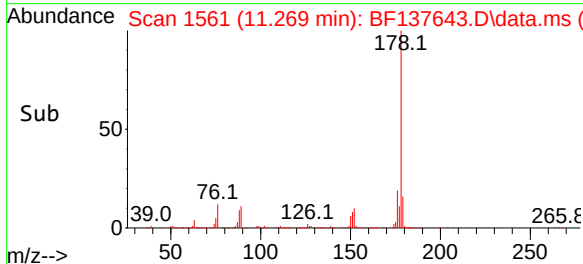
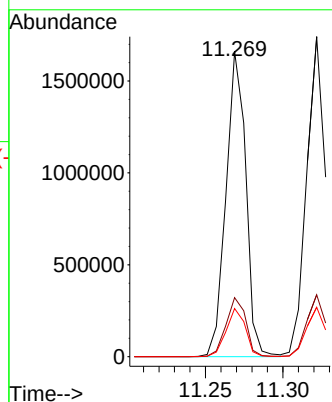
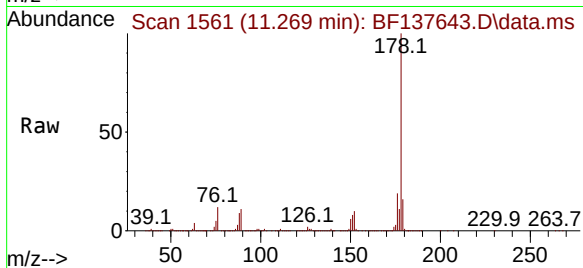
Tgt Ion:178 Resp: 1480555

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 15.8 12.2 18.2



#72

Anthracene

Concen: 42.612 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

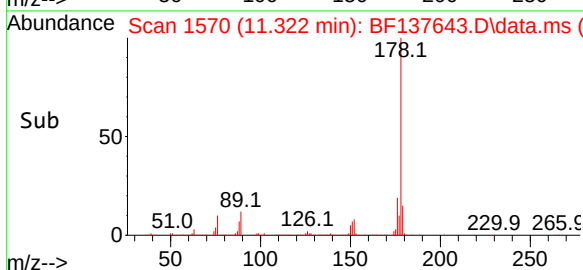
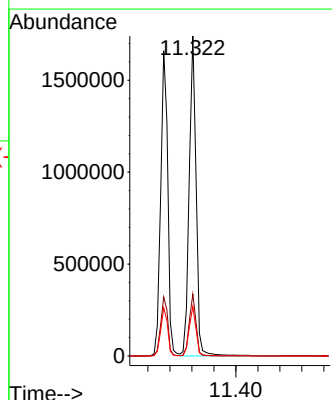
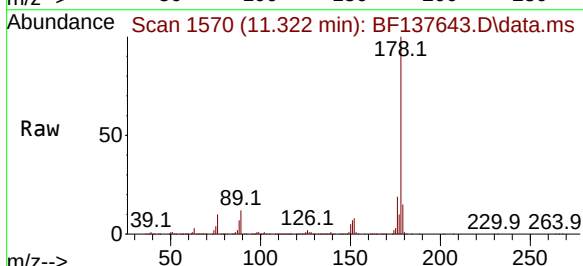
Tgt Ion:178 Resp: 1522019

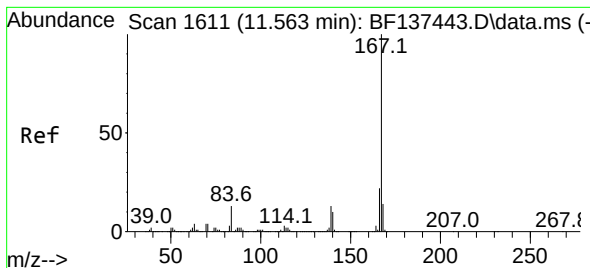
Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

179 15.5 12.7 19.1





#73

Carbazole

Concen: 43.894 ng

RT: 11.481 min Scan# 1653

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

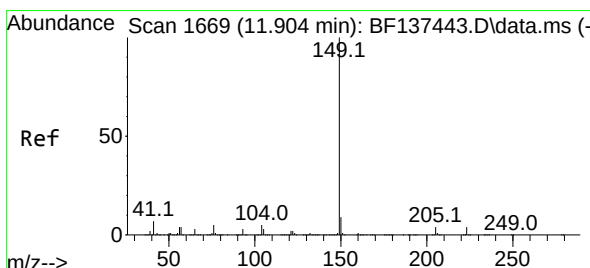
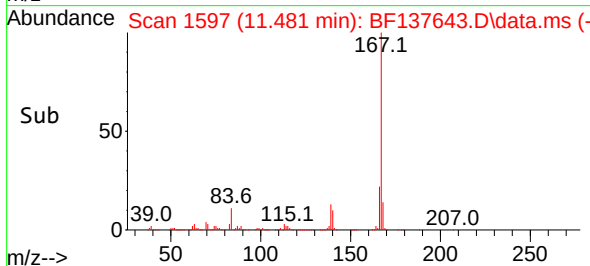
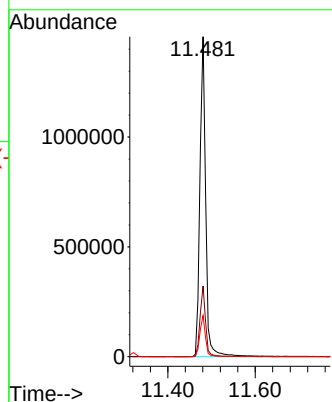
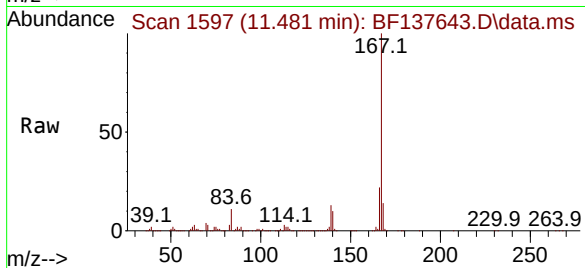
Tgt Ion:167 Resp: 1342946

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.8

139 12.9 10.5 15.7



#74

Di-n-butylphthalate

Concen: 44.775 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

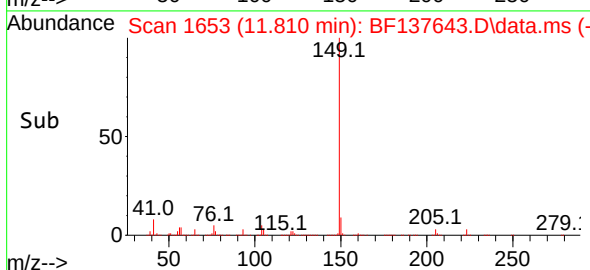
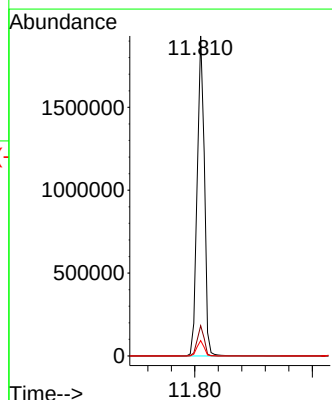
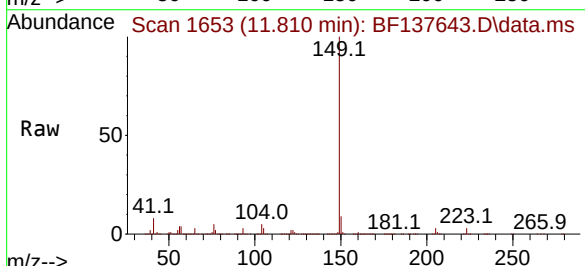
Tgt Ion:149 Resp: 1629853

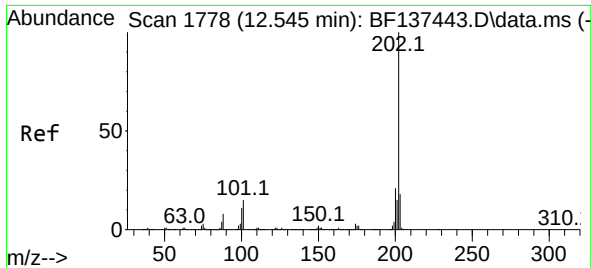
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 4.8 3.8 5.6

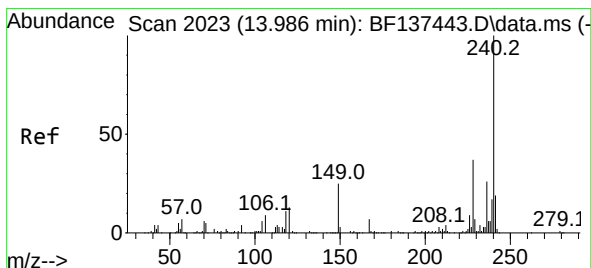
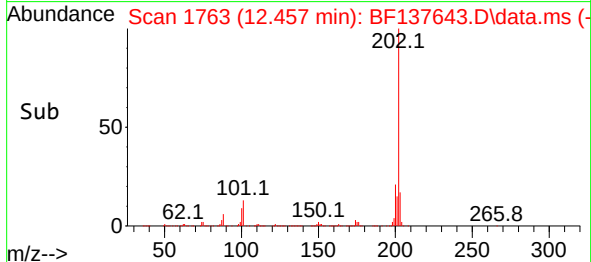
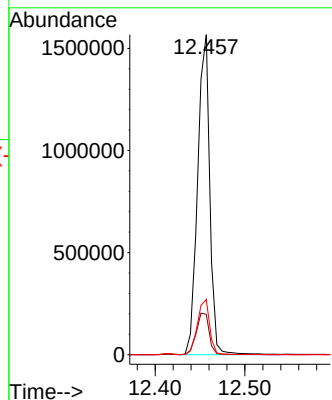
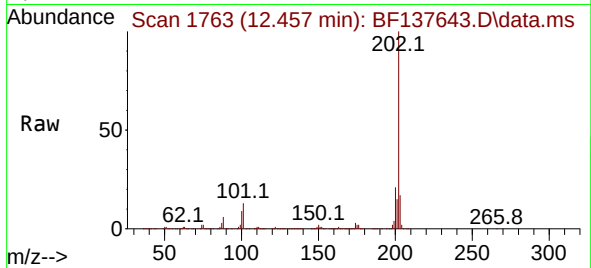




#75
Fluoranthene
Concen: 43.303 ng
RT: 12.457 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

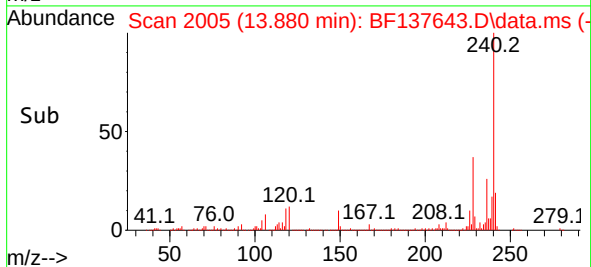
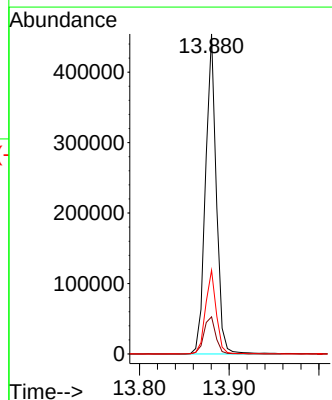
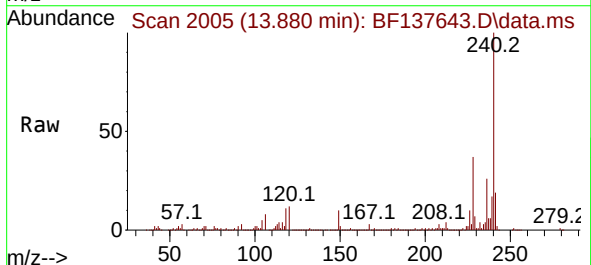
Instrument :
BNA_F
ClientSampleId :
PB159643BS

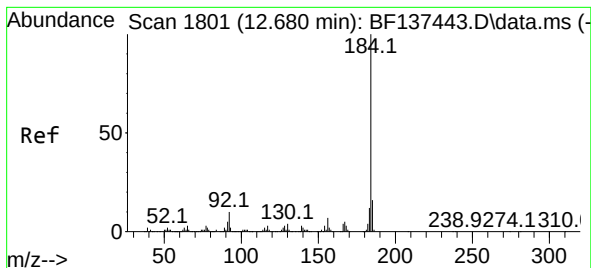
Tgt Ion:202 Resp: 1472051
Ion Ratio Lower Upper
202 100
101 12.6 0.0 35.0
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:240 Resp: 379612
Ion Ratio Lower Upper
240 100
120 11.6 10.4 15.6
236 26.2 20.9 31.3





#77

Benzidine

Concen: 16.926 ng

RT: 12.586 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

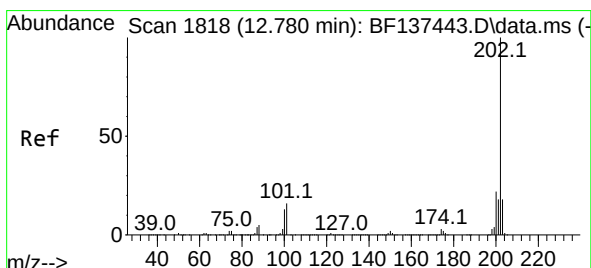
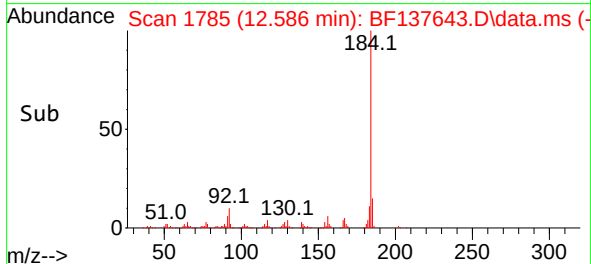
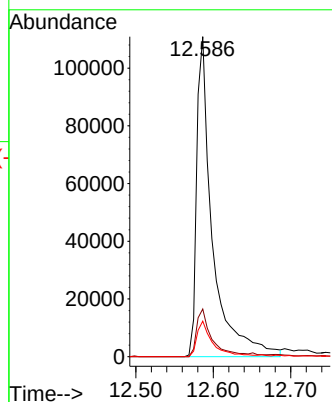
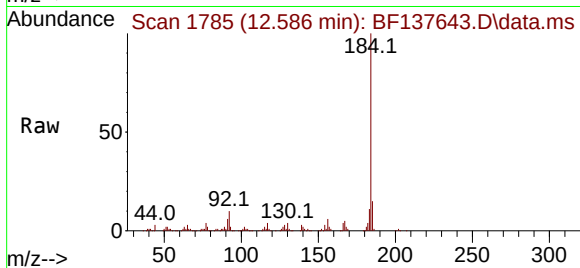
Tgt Ion:184 Resp: 157245

Ion Ratio Lower Upper

184 100

185 14.9 13.2 19.8

183 11.1 9.3 13.9



#78

Pyrene

Concen: 39.747 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

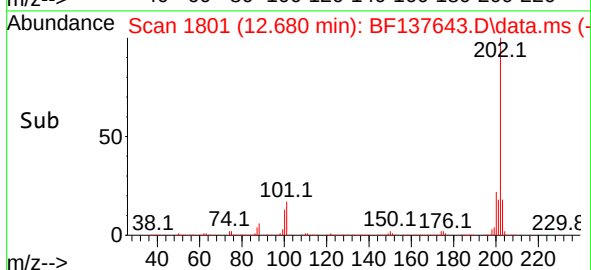
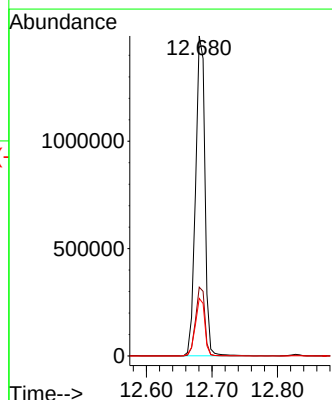
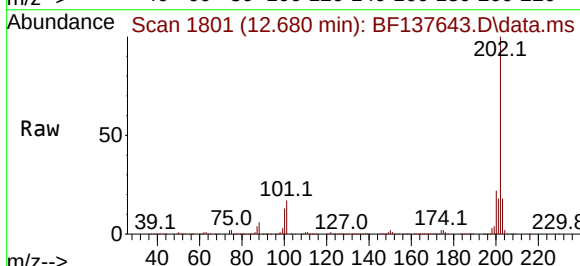
Tgt Ion:202 Resp: 1480507

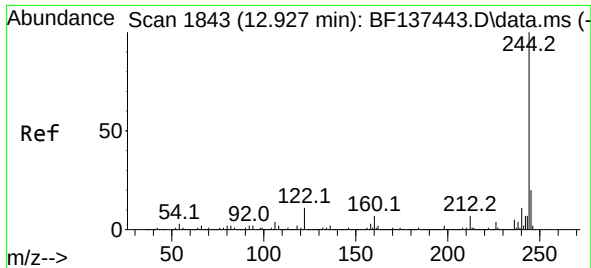
Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

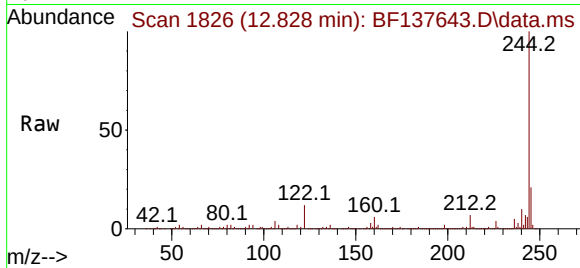
203 18.0 14.1 21.1



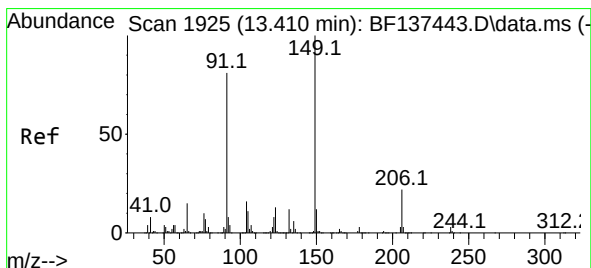
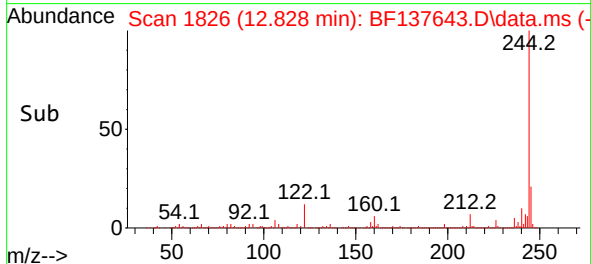
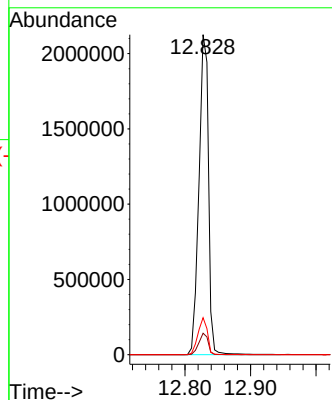


#79
 Terphenyl-d14
 Concen: 78.100 ng
 RT: 12.828 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: BF137643.D
 Acq: 19 Mar 2024 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB159643BS

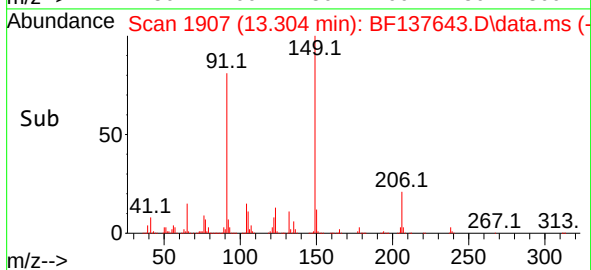
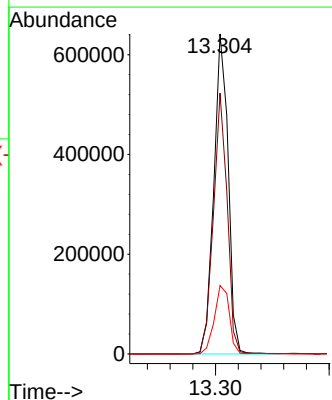
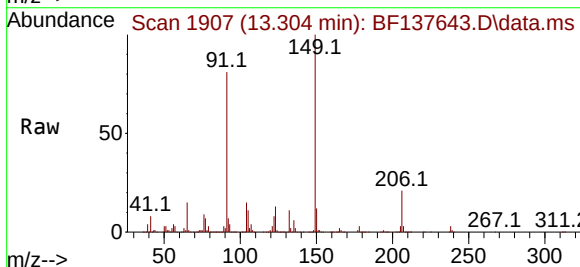


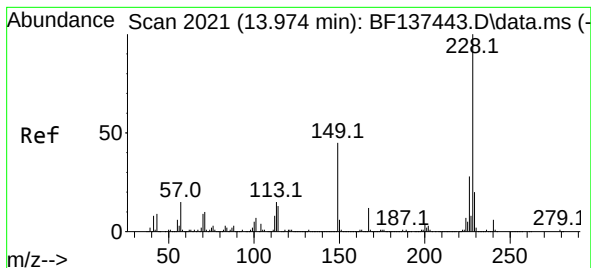
Tgt Ion:244 Resp: 2156023
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.6 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 59.062 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF137643.D
 Acq: 19 Mar 2024 12:42

Tgt Ion:149 Resp: 561840
 Ion Ratio Lower Upper
 149 100
 91 81.5 64.7 97.1
 206 21.4 17.5 26.3





#81

Benzo(a)anthracene

Concen: 42.919 ng

RT: 13.869 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

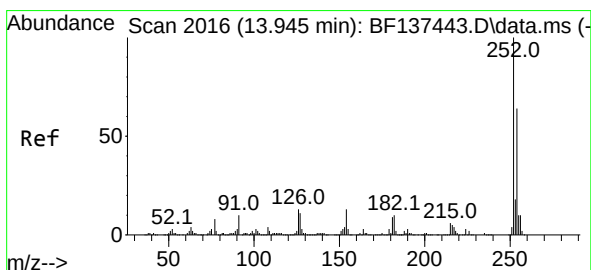
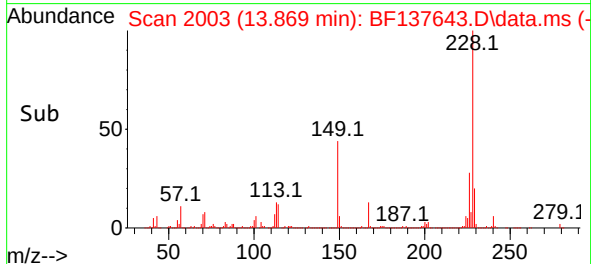
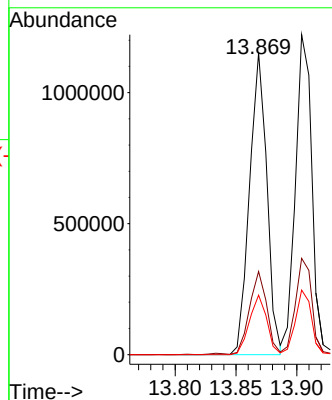
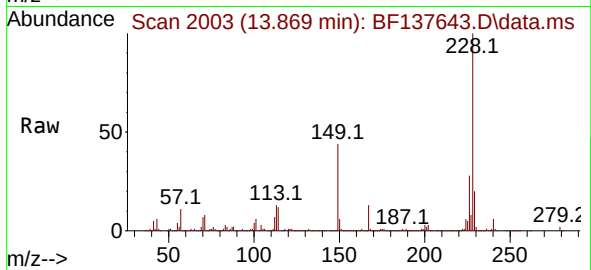
Tgt Ion:228 Resp: 1141929

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

229 19.7 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 39.703 ng

RT: 13.833 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

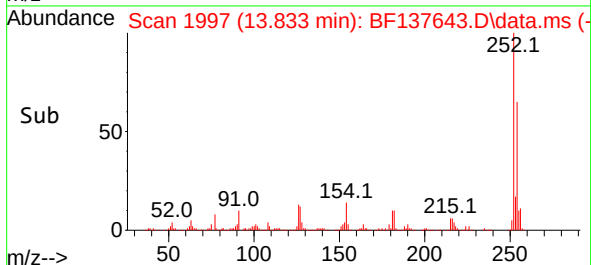
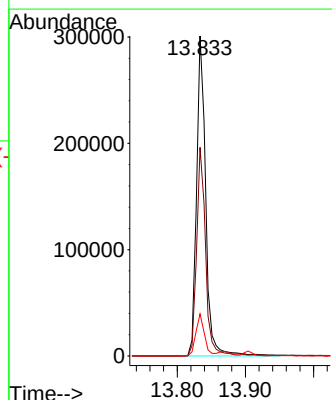
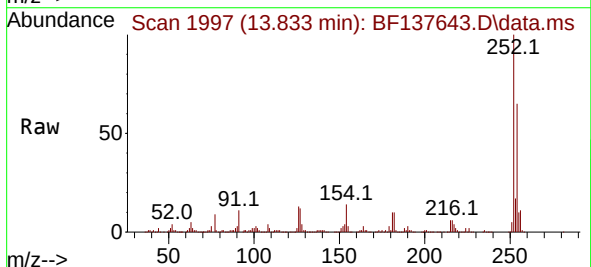
Tgt Ion:252 Resp: 281311

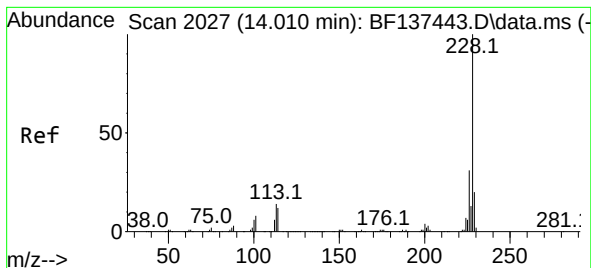
Ion Ratio Lower Upper

252 100

254 65.2 51.4 77.2

126 13.2 10.4 15.6





#83

Chrysene

Concen: 43.063 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

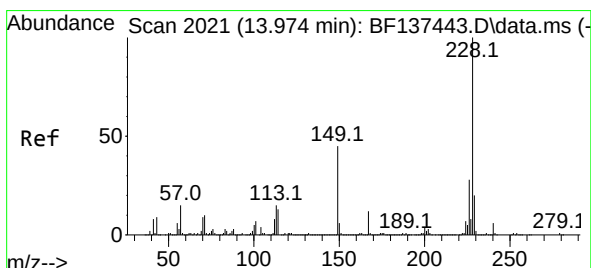
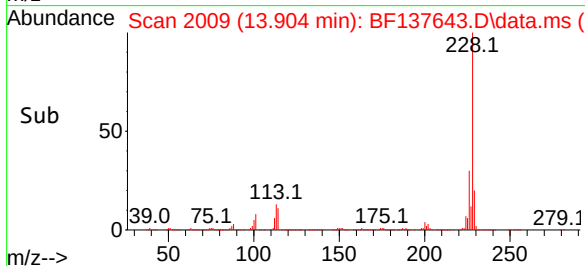
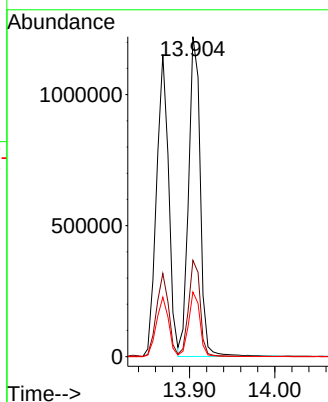
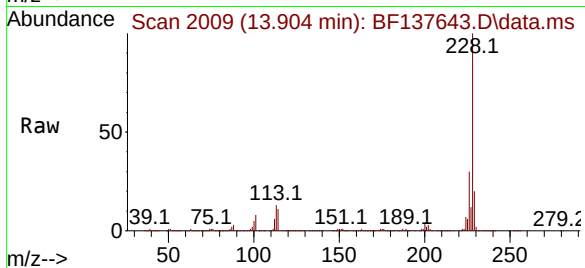
Tgt Ion:228 Resp: 1158023

Ion Ratio Lower Upper

228 100

226 30.1 24.7 37.1

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.004 ng

RT: 13.863 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

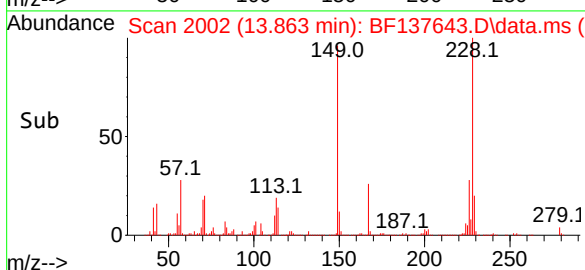
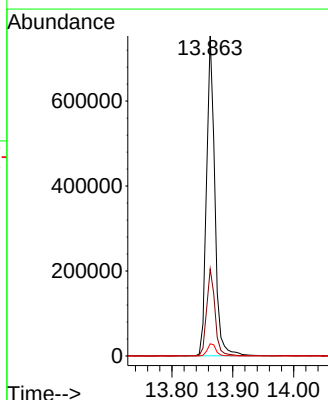
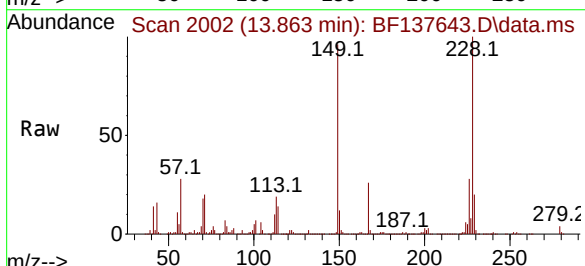
Tgt Ion:149 Resp: 713411

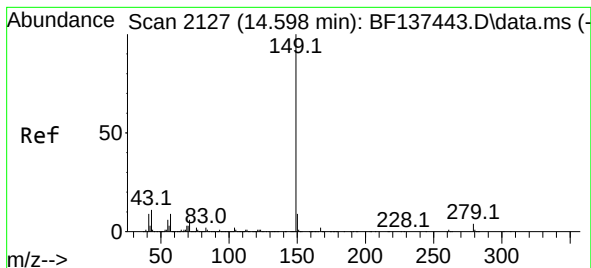
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.8 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 50.621 ng

RT: 14.474 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

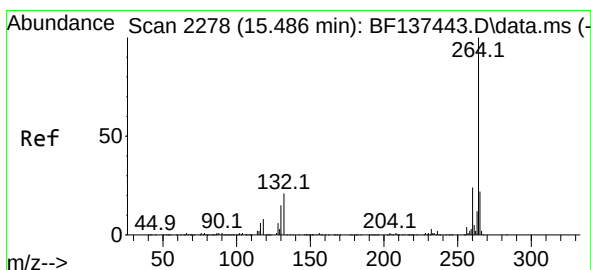
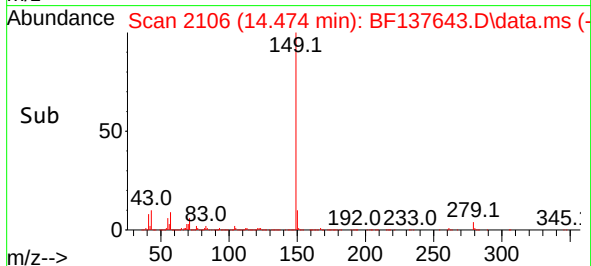
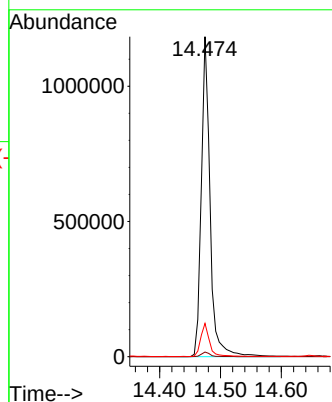
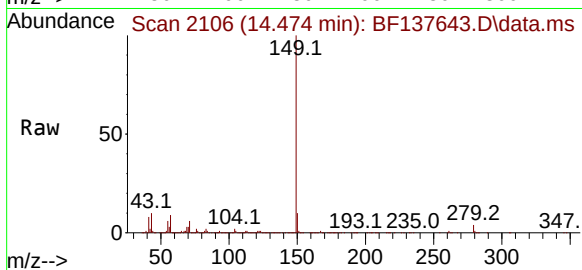
Tgt Ion:149 Resp: 1187687

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.4 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

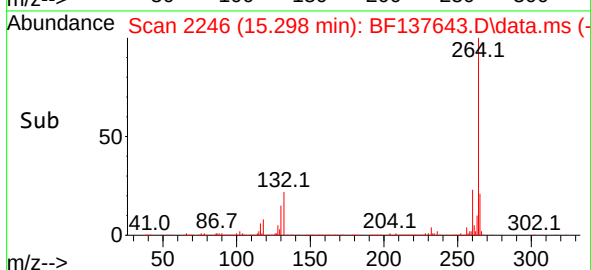
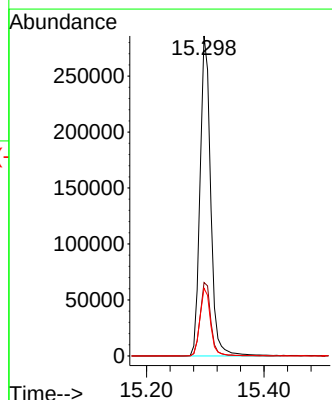
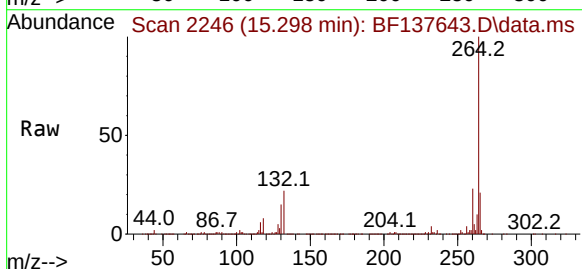
Tgt Ion:264 Resp: 357746

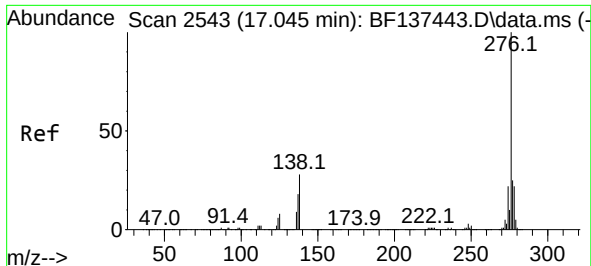
Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 21.1 17.4 26.0

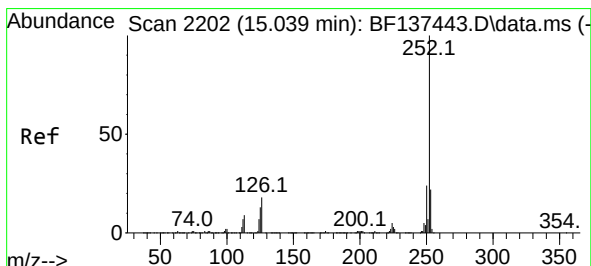
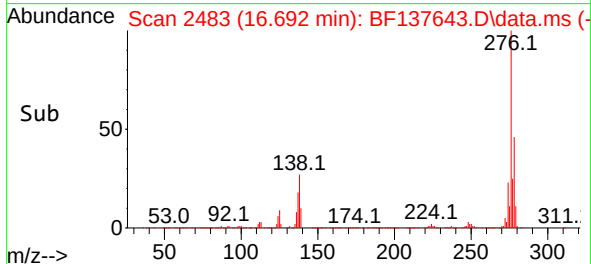
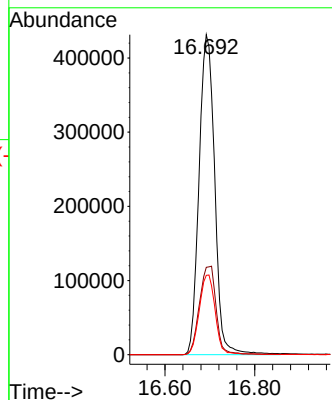
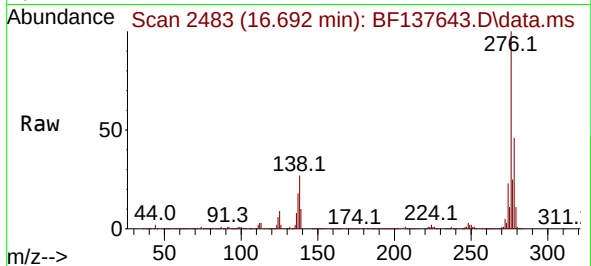




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.347 ng
 RT: 16.692 min Scan# 2178
 Delta R.T. 0.006 min
 Lab File: BF137643.D
 Acq: 19 Mar 2024 12:42

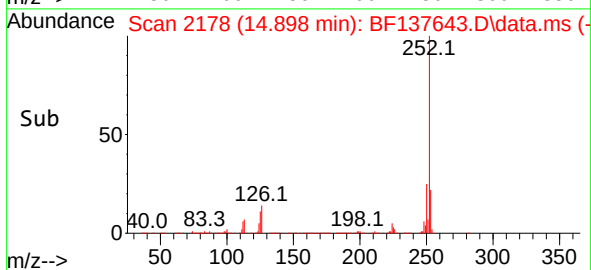
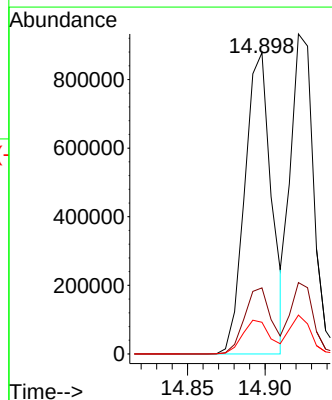
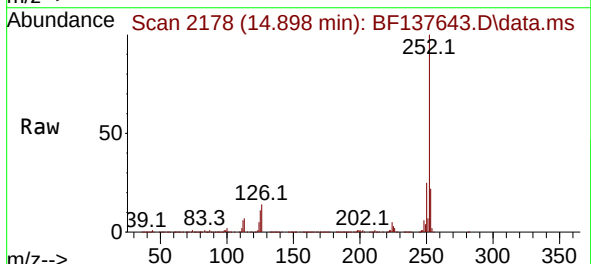
Instrument :
 BNA_F
 ClientSampleId :
 PB159643BS

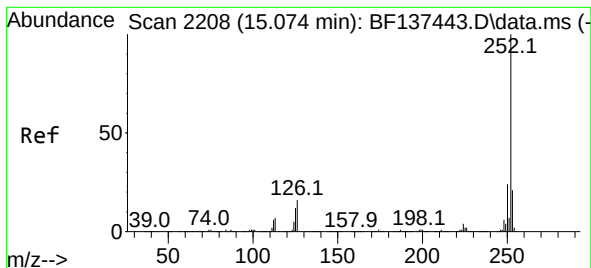
Tgt Ion:276 Resp: 1044013
 Ion Ratio Lower Upper
 276 100
 138 29.6 25.8 38.8
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 49.754 ng
 RT: 14.898 min Scan# 2178
 Delta R.T. 0.006 min
 Lab File: BF137643.D
 Acq: 19 Mar 2024 12:42

Tgt Ion:252 Resp: 1052887
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 10.5 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 43.394 ng

RT: 14.921 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

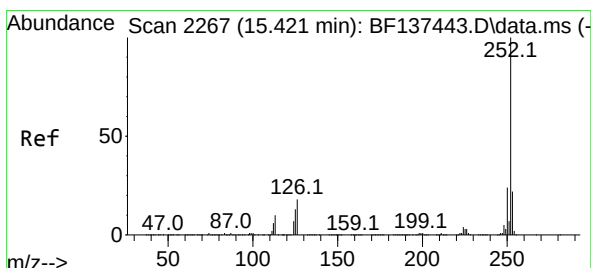
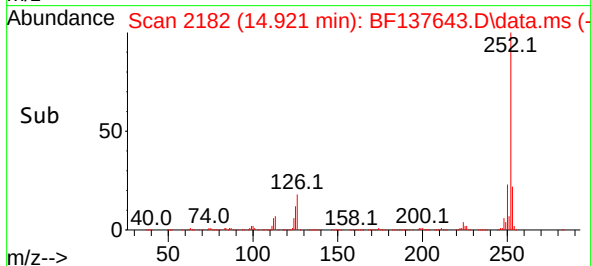
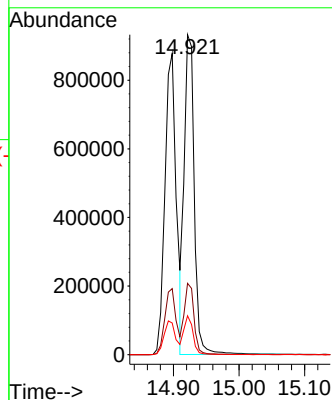
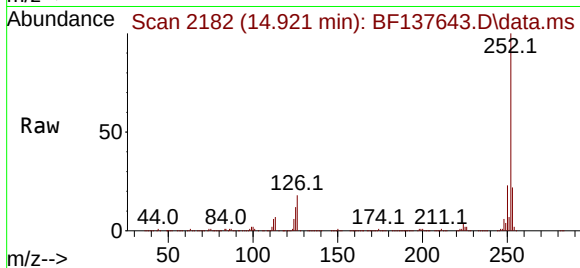
Tgt Ion:252 Resp: 986358

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 12.2 9.6 14.4



#90

Benzo(a)pyrene

Concen: 44.644 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

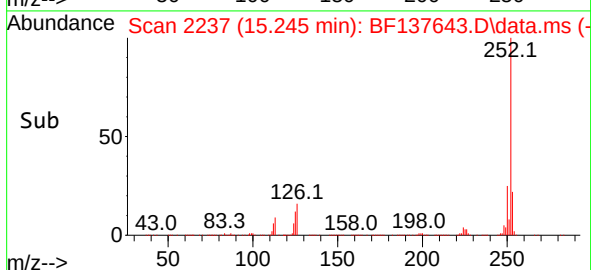
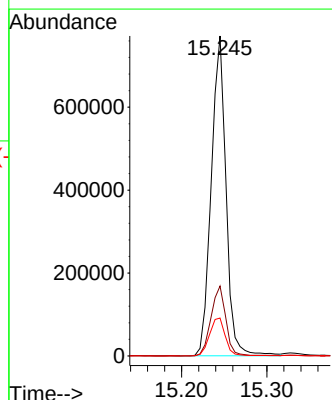
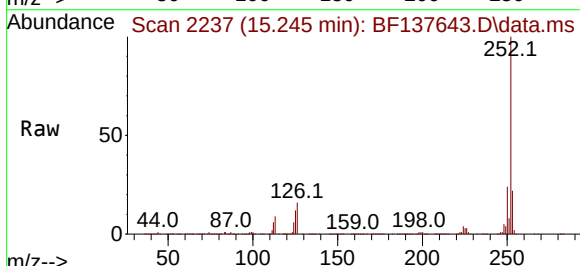
Tgt Ion:252 Resp: 931003

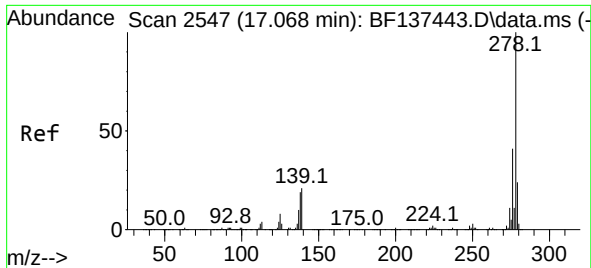
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 11.9 10.4 15.6

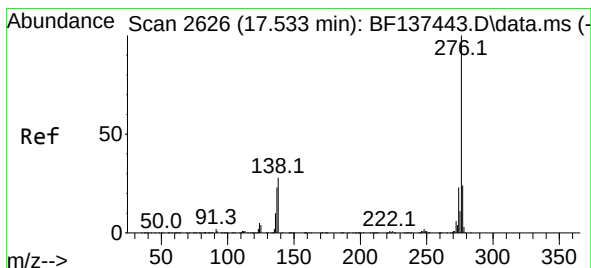
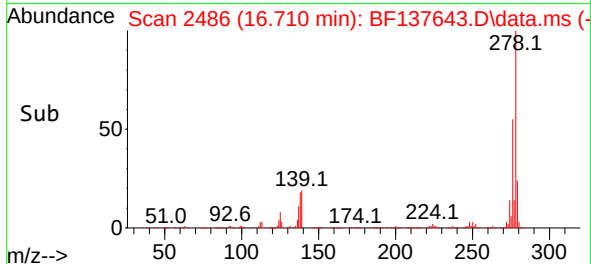
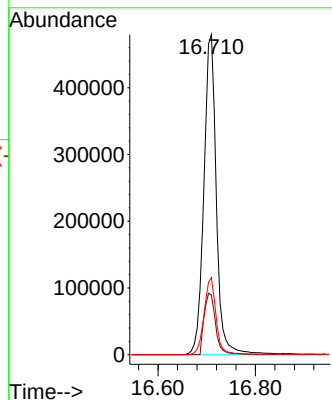
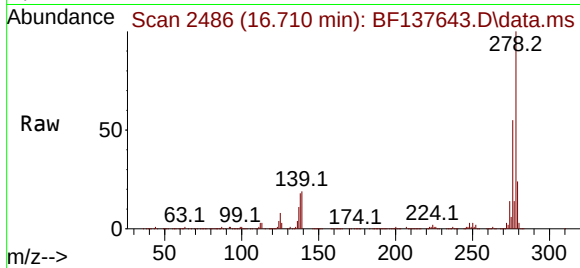




#91
Dibenzo(a,h)anthracene
Concen: 44.665 ng
RT: 16.710 min Scan# 24
Delta R.T. 0.012 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :
BNA_F
ClientSampleId :
PB159643BS

Tgt Ion:278 Resp: 853003
Ion Ratio Lower Upper
278 100
139 18.7 17.0 25.6
279 24.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 42.978 ng
RT: 17.110 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:276 Resp: 842924
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 26.7 22.2 33.2

