

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137973.D
 Acq On : 21 May 2024 12:22
 Operator : CG\JU
 Sample : PB160974BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160974BS

Quant Time: May 21 12:47:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	154370	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	606523	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	339468	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	587011	20.000	ng	0.00
76) Chrysene-d12	14.227	240	339457	20.000	ng	0.00
86) Perylene-d12	15.786	264	297414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1132865	124.657	ng	0.00
7) Phenol-d6	6.657	99	1391759	124.322	ng	0.00
23) Nitrobenzene-d5	7.598	82	859196	83.367	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	480769	140.459	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1828783	82.984	ng	0.00
79) Terphenyl-d14	13.163	244	2047624	88.900	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.028	88	142418	36.175	ng	98
3) Pyridine	3.775	79	344409	38.988	ng	99
4) n-Nitrosodimethylamine	3.740	42	172355	44.228	ng	96
6) Aniline	6.698	93	358286	35.782	ng	98
8) 2-Chlorophenol	6.816	128	456031	46.369	ng	98
9) Benzaldehyde	6.592	77	374337	61.806	ng	97
10) Phenol	6.669	94	513251	45.422	ng	97
11) bis(2-Chloroethyl)ether	6.769	93	403062	46.458	ng	98
12) 1,3-Dichlorobenzene	6.975	146	481649	42.328	ng	98
13) 1,4-Dichlorobenzene	7.051	146	489588	42.865	ng	99
14) 1,2-Dichlorobenzene	7.204	146	469369	43.663	ng	99
15) Benzyl Alcohol	7.169	79	373902	50.018	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.298	45	497366	46.637	ng	99
17) 2-Methylphenol	7.275	107	358453	45.702	ng	99
18) Hexachloroethane	7.545	117	167171	43.252	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	291340	46.322	ng	97
20) 3+4-Methylphenols	7.428	107	462898	45.051	ng	93
22) Acetophenone	7.445	105	606505	44.638	ng	99
24) Nitrobenzene	7.616	77	443135	42.384	ng	96
25) Isophorone	7.851	82	818697	45.770	ng	99
26) 2-Nitrophenol	7.934	139	240565	45.792	ng	97
27) 2,4-Dimethylphenol	7.957	122	338187	50.001	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	489160	45.122	ng	99
29) 2,4-Dichlorophenol	8.169	162	394780	46.416	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	406221	42.776	ng	98
31) Naphthalene	8.339	128	1327340	43.525	ng	99
32) Benzoic acid	8.081	122	299871	52.448	ng	99
33) 4-Chloroaniline	8.381	127	164925	16.497	ng	100
34) Hexachlorobutadiene	8.451	225	255032	42.429	ng	100
35) Caprolactam	8.763	113	69125	28.052	ng	97
36) 4-Chloro-3-methylphenol	8.863	107	406634	46.998	ng	99
37) 2-Methylnaphthalene	9.034	142	879352	44.858	ng	98
38) 1-Methylnaphthalene	9.133	142	812387	42.155	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	412684	44.717	ng	98
41) Hexachlorocyclopentadiene	9.186	237	456265	130.111	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	292657	48.364	ng	99

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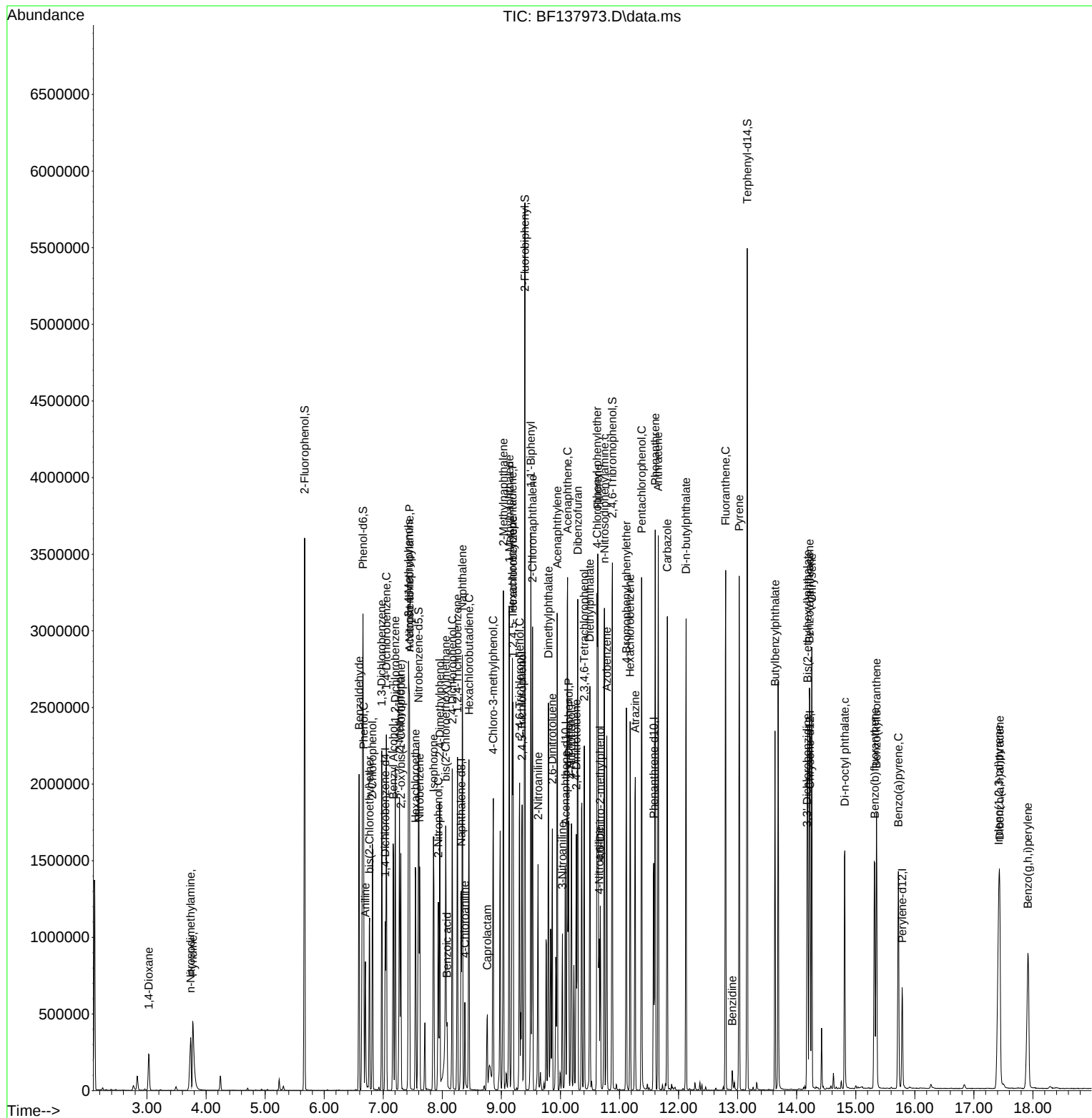
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	307485	46.441	ng	98
46) 1,1'-Biphenyl	9.498	154	1078395	45.292	ng	99
47) 2-Chloronaphthalene	9.528	162	840490	44.221	ng	98
48) 2-Nitroaniline	9.622	65	226952	46.630	ng	93
49) Acenaphthylene	9.945	152	1323828	48.440	ng	99
50) Dimethylphthalate	9.798	163	1000228	46.987	ng	100
51) 2,6-Dinitrotoluene	9.863	165	222132	45.465	ng	97
52) Acenaphthene	10.122	154	900020	49.827	ng	99
53) 3-Nitroaniline	10.033	138	157436	32.962	ng	98
54) 2,4-Dinitrophenol	10.139	184	243374	91.142	ng	# 83
55) Dibenzofuran	10.292	168	1211030	46.068	ng	100
56) 4-Nitrophenol	10.186	139	362998	105.815	ng	96
57) 2,4-Dinitrotoluene	10.269	165	304081	48.143	ng	92
58) Fluorene	10.633	166	956278	45.991	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	259595	49.910	ng	99
60) Diethylphthalate	10.498	149	947310	47.649	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	477307	46.549	ng	97
62) 4-Nitroaniline	10.657	138	203641	44.952	ng	97
63) Azobenzene	10.786	77	858912	47.496	ng	98
65) 4,6-Dinitro-2-methylph...	10.675	198	172516	50.898	ng	90
66) n-Nitrosodiphenylamine	10.745	169	829341	46.070	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	299662	46.565	ng	95
68) Hexachlorobenzene	11.180	284	319252	44.880	ng	# 91
69) Atrazine	11.269	200	283907	57.755	ng	99
70) Pentachlorophenol	11.375	266	409167	98.196	ng	99
71) Phenanthrene	11.604	178	1330616	45.999	ng	99
72) Anthracene	11.657	178	1347001	46.932	ng	99
73) Carbazole	11.810	167	1191599	45.449	ng	100
74) Di-n-butylphthalate	12.127	149	1458267	50.118	ng	100
75) Fluoranthene	12.798	202	1358210	46.258	ng	99
77) Benzidine	12.910	184	56396	12.712	ng	99
78) Pyrene	13.027	202	1370925	46.174	ng	99
80) Butylbenzylphthalate	13.633	149	488223	54.517	ng	99
81) Benzo(a)anthracene	14.216	228	1038407	48.352	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	208848	35.091	ng	98
83) Chrysene	14.257	228	976716	47.554	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	606287	53.856	ng	100
85) Di-n-octyl phthalate	14.815	149	880249	57.880	ng	100
87) Indeno(1,2,3-cd)pyrene	17.421	276	1026147	53.703	ng	99
88) Benzo(b)fluoranthene	15.321	252	825805	47.955	ng	99
89) Benzo(k)fluoranthene	15.351	252	820959	48.527	ng	99
90) Benzo(a)pyrene	15.721	252	757627	51.523	ng	99
91) Dibenzo(a,h)anthracene	17.439	278	843322	53.418	ng	98
92) Benzo(g,h,i)perylene	17.915	276	811915	48.956	ng	99

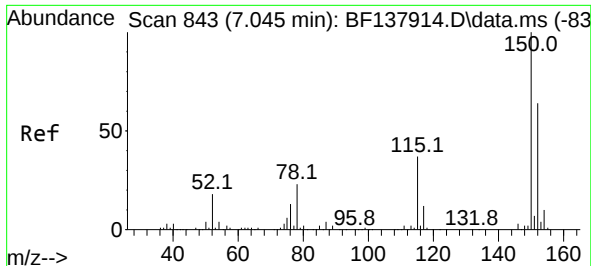
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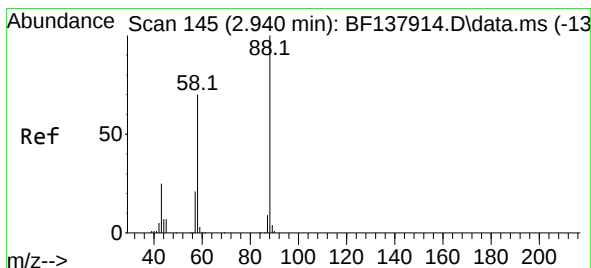
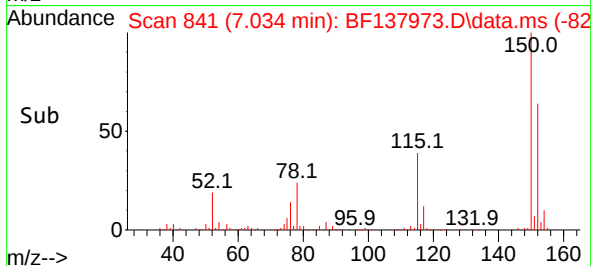
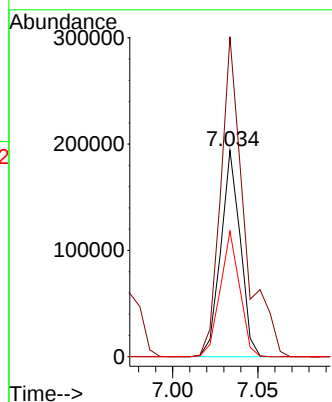
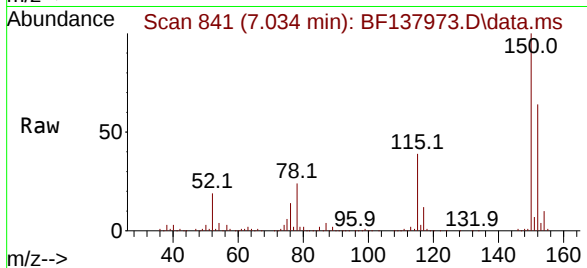




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.034 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BF137973.D
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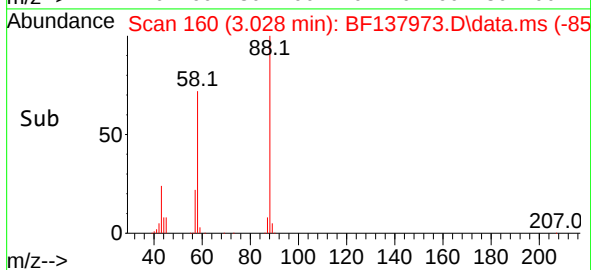
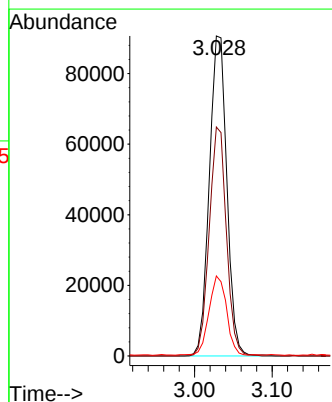
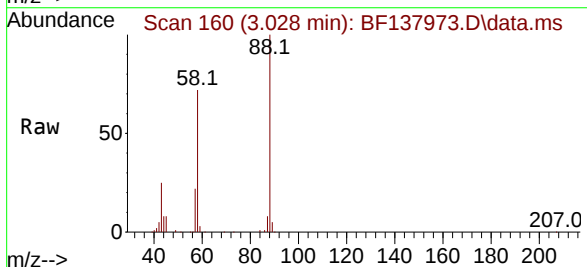
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 ClientSampleId :
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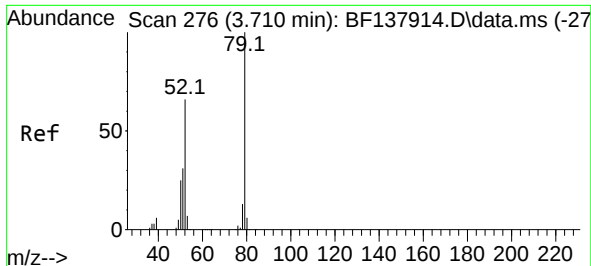
Tgt Ion:152 Resp: 154370
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.7 188.5
 115 60.9 47.0 70.6



#2
 1,4-Dioxane
 Concen: 36.175 ng
 RT: 3.028 min Scan# 160
 Delta R.T. 0.088 min
 Lab File: BF137973.D
 Acq: 21 May 2024 12:22

Tgt Ion: 88 Resp: 142418
 Ion Ratio Lower Upper
 88 100
 58 70.1 54.4 81.6
 43 24.8 19.6 29.4

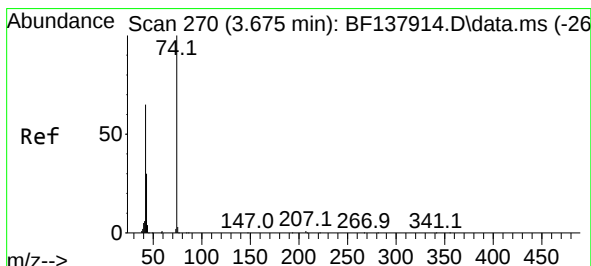
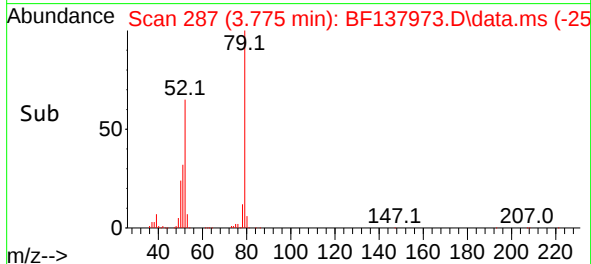
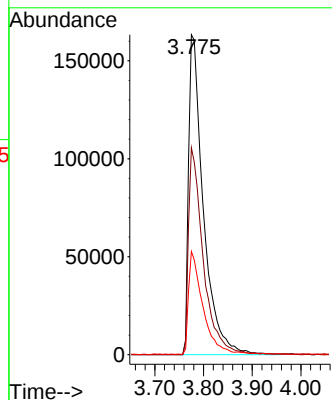
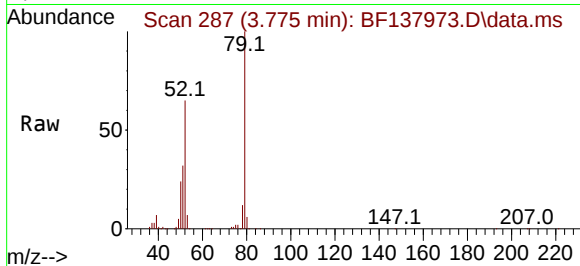




#3
Pyridine
Concen: 38.988 ng
RT: 3.775 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

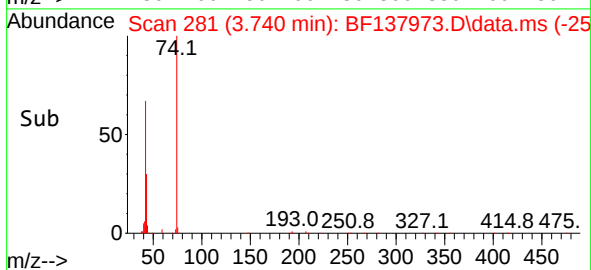
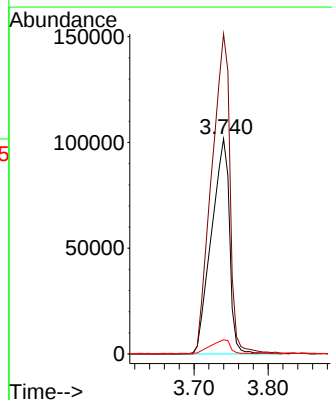
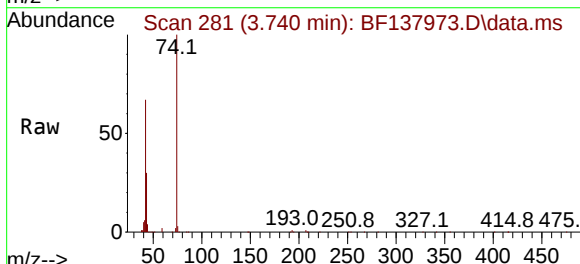
Instrument :
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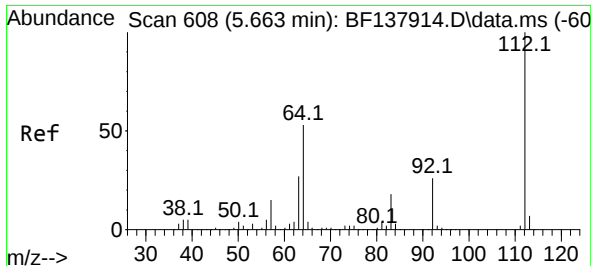
Tgt Ion: 79 Resp: 344409
Ion Ratio Lower Upper
79 100
52 64.7 52.5 78.7
51 32.3 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 44.228 ng
RT: 3.740 min Scan# 281
Delta R.T. 0.065 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion: 42 Resp: 172355
Ion Ratio Lower Upper
42 100
74 148.7 123.1 184.7
44 6.5 5.0 7.6

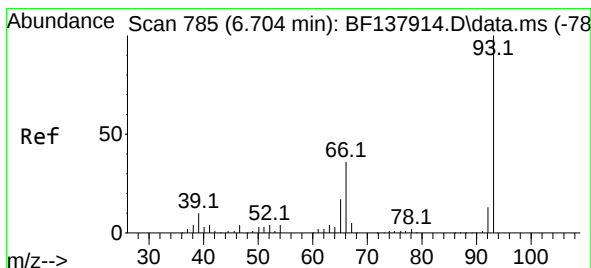
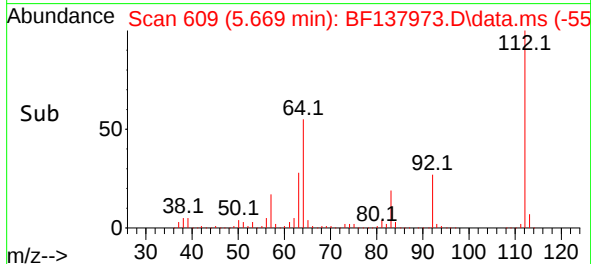
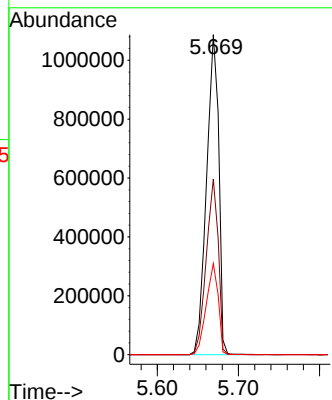
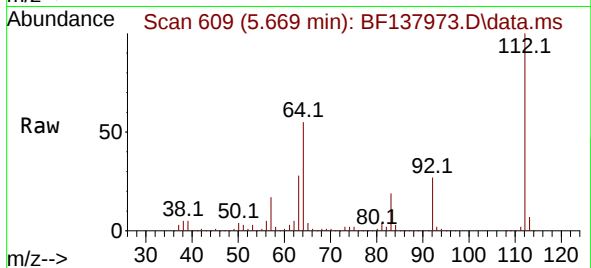




#5
2-Fluorophenol
Concen: 124.657 ng
RT: 5.669 min Scan# 608
Delta R.T. 0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

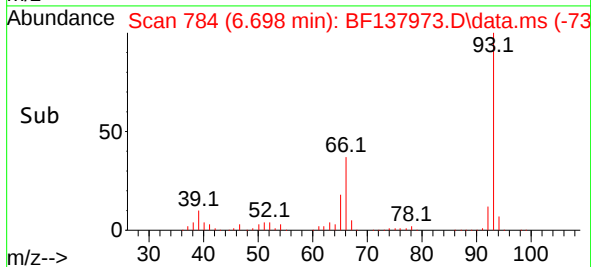
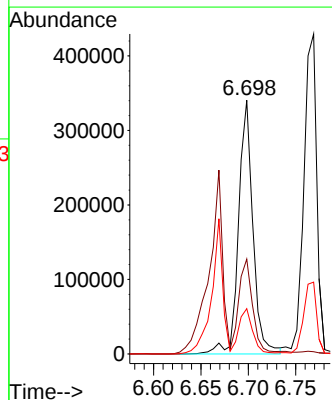
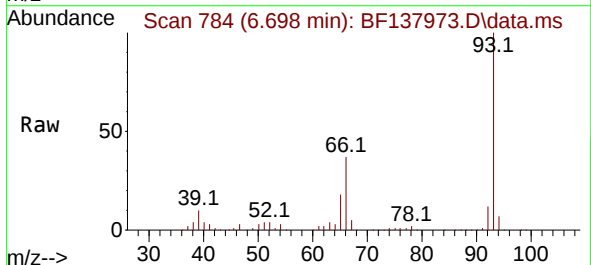
Instrument :
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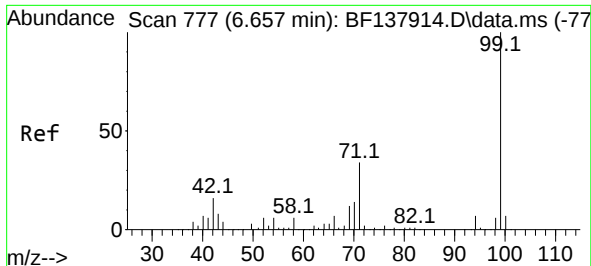
Tgt Ion:112 Resp: 1132865
Ion Ratio Lower Upper
112 100
64 54.9 42.4 63.6
63 28.5 21.4 32.2



#6
Aniline
Concen: 35.782 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion: 93 Resp: 358286
Ion Ratio Lower Upper
93 100
66 37.4 30.7 46.1
65 17.9 15.0 22.4



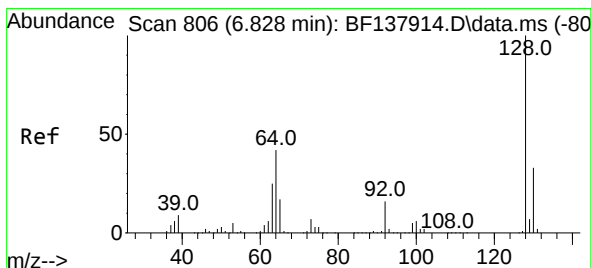
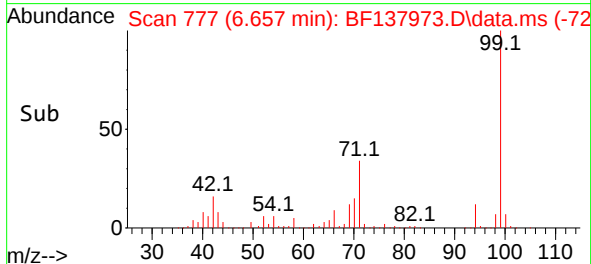
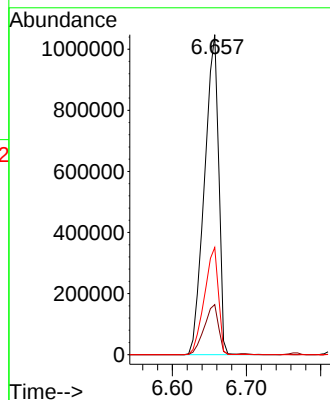
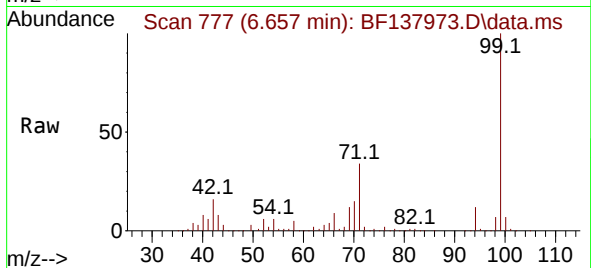


#7
Phenol-d6
Concen: 124.322 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :
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Tgt Ion: 99 Resp: 1391759

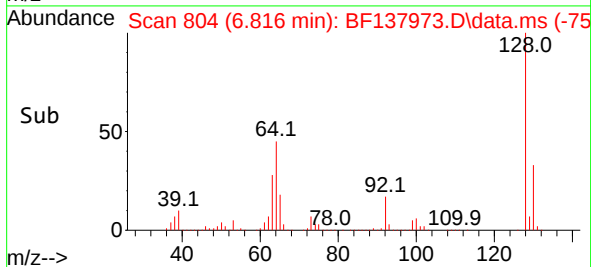
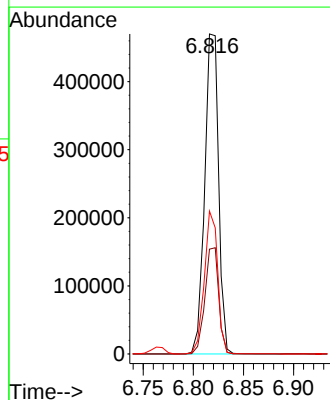
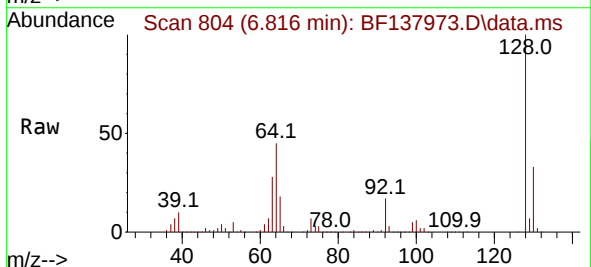
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.6	18.8
71	33.5	27.1	40.7

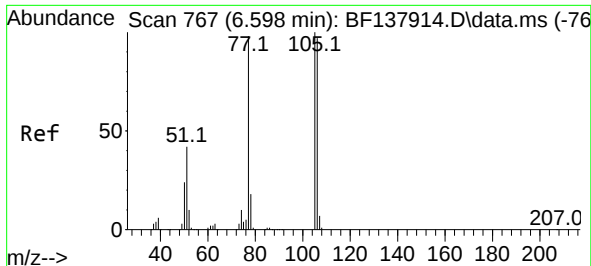


#8
2-Chlorophenol
Concen: 46.369 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion: 128 Resp: 456031

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.8	52.8
64	44.7	22.2	62.2

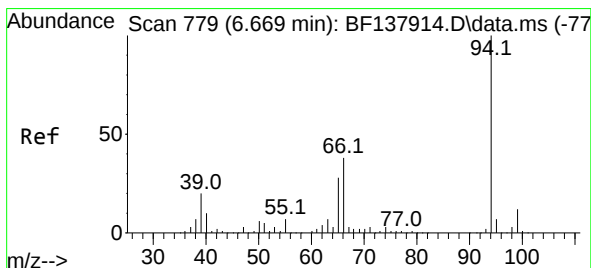
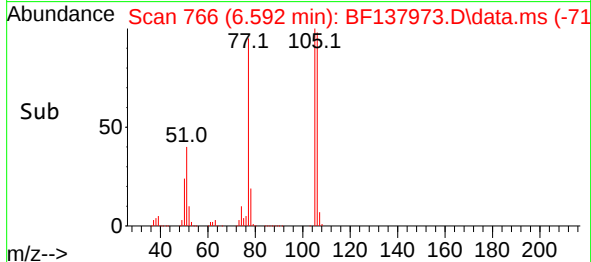
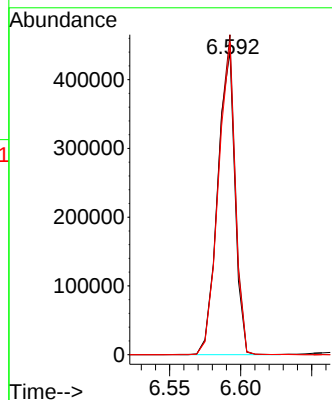
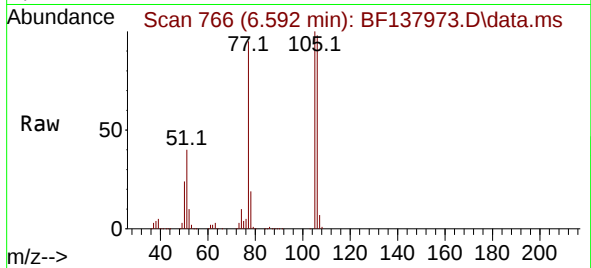




#9
Benzaldehyde
Concen: 61.806 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
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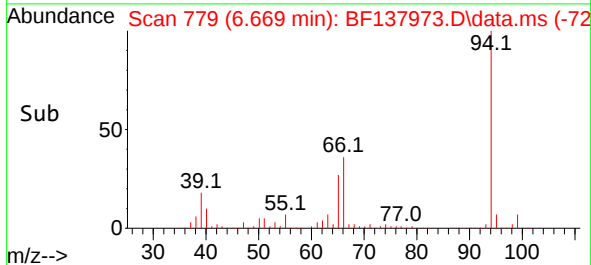
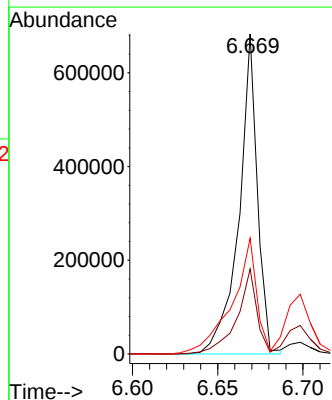
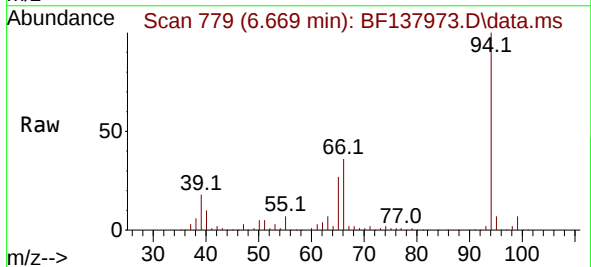
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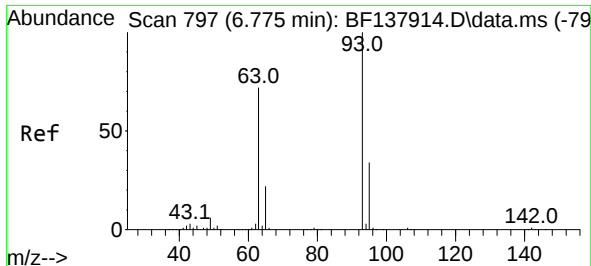
Tgt Ion: 77 Resp: 374337
Ion Ratio Lower Upper
77 100
105 105.5 82.3 122.3
106 102.9 79.2 119.2



#10
Phenol
Concen: 45.422 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion: 94 Resp: 513251
Ion Ratio Lower Upper
94 100
65 26.6 7.8 47.8
66 36.1 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 46.458 ng

RT: 6.769 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

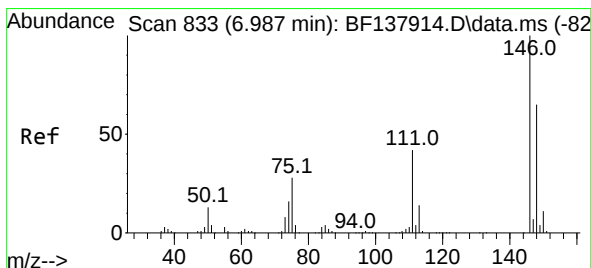
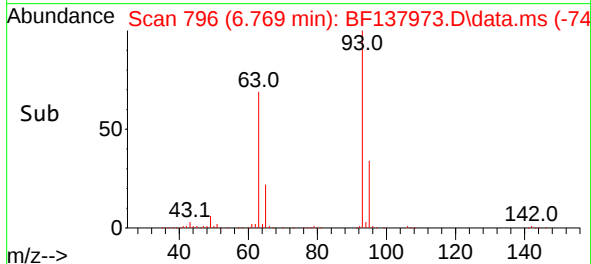
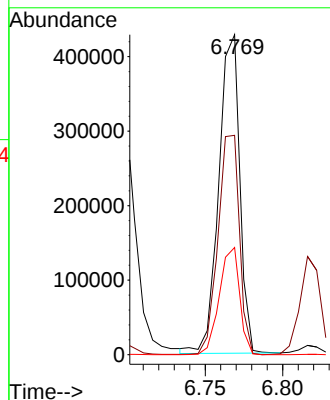
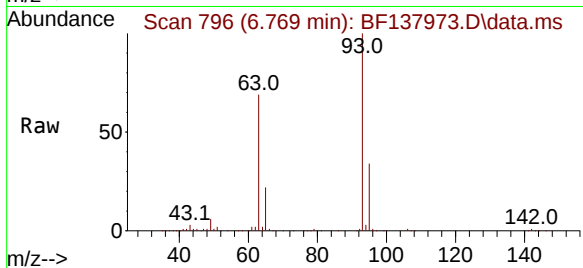
BNA_F

ClientSampleId :

PB160974BS

Tgt Ion: 93 Resp: 403062

Ion	Ratio	Lower	Upper
93	100		
63	68.6	51.4	91.4
95	33.5	13.5	53.5



#12

1,3-Dichlorobenzene

Concen: 42.328 ng

RT: 6.975 min Scan# 831

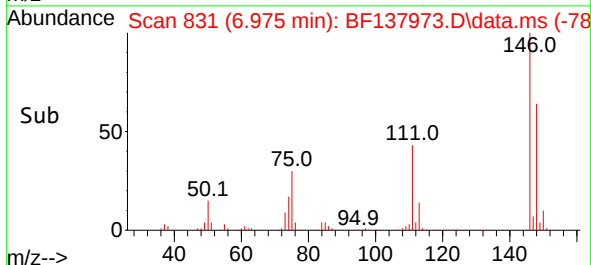
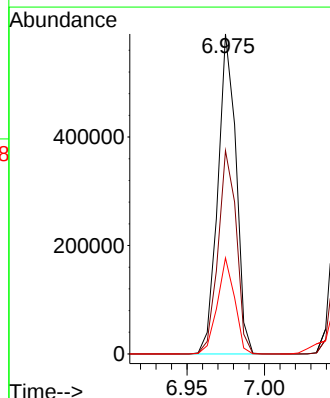
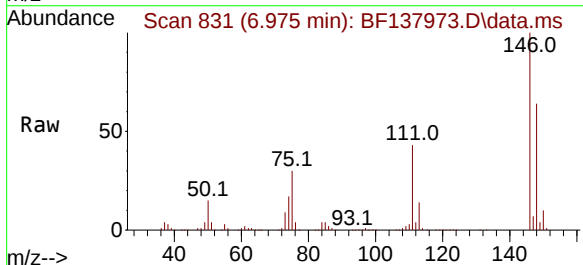
Delta R.T. -0.012 min

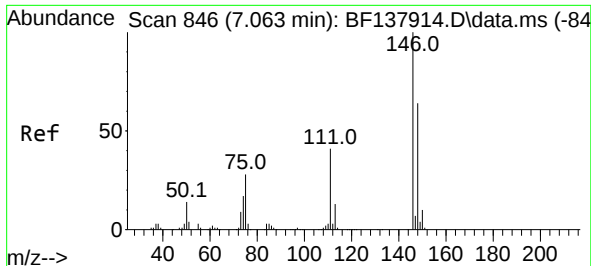
Lab File: BF137973.D

Acq: 21 May 2024 12:22

Tgt Ion: 146 Resp: 481649

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.7	77.5
75	30.0	22.4	33.6

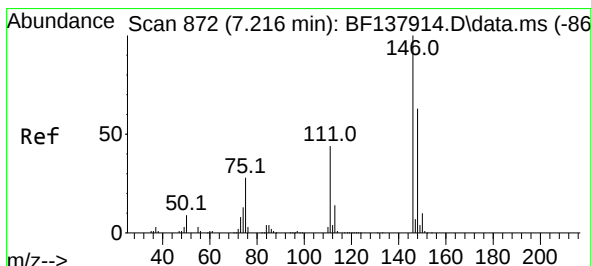
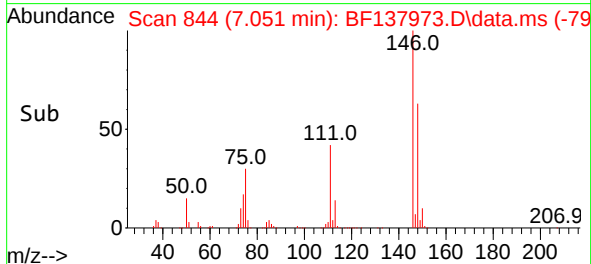
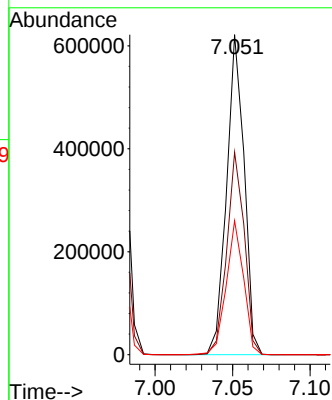
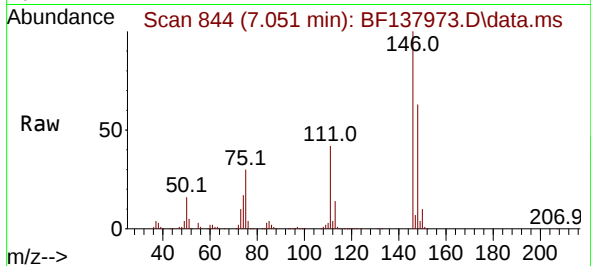




#13
1,4-Dichlorobenzene
Concen: 42.865 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

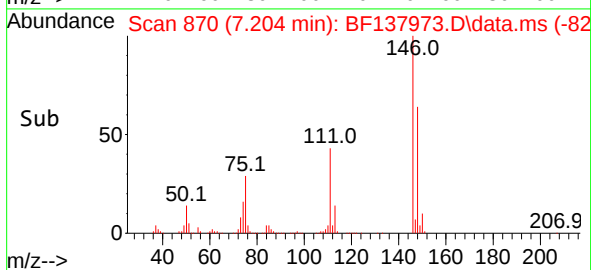
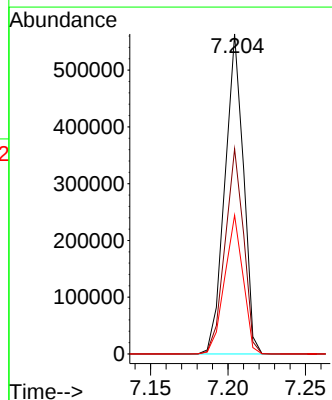
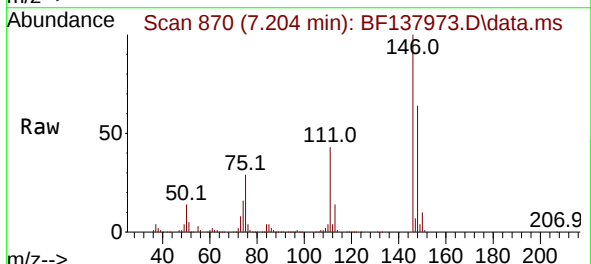
Instrument :
BNA_F
ClientSampleId :
PB160974BS

Tgt Ion:146 Resp: 489588
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
111 41.9 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 43.663 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:146 Resp: 469369
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.4
111 43.4 35.1 52.7

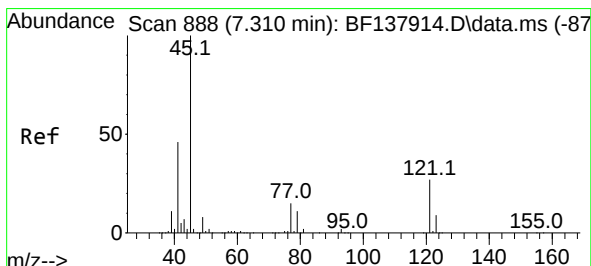
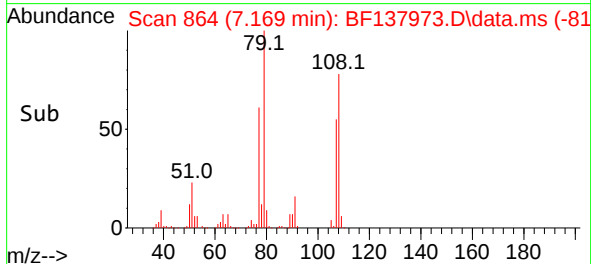
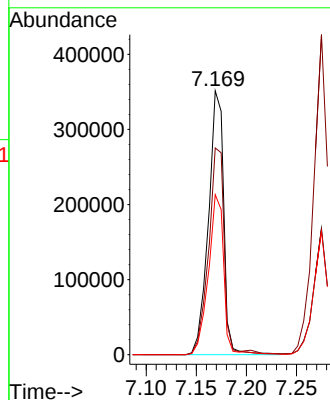
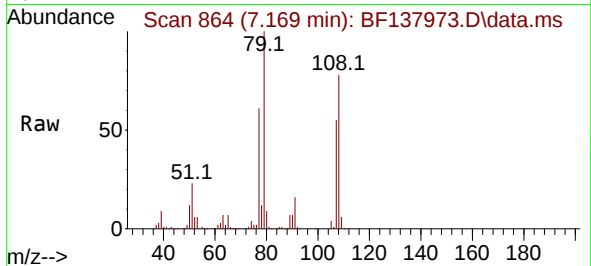




#15
Benzyl Alcohol
Concen: 50.018 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

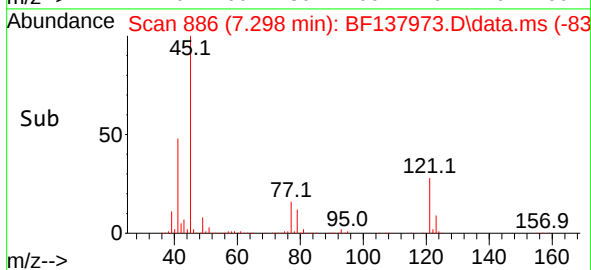
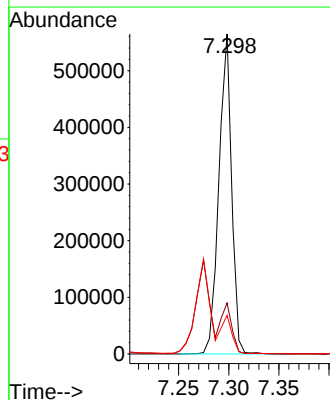
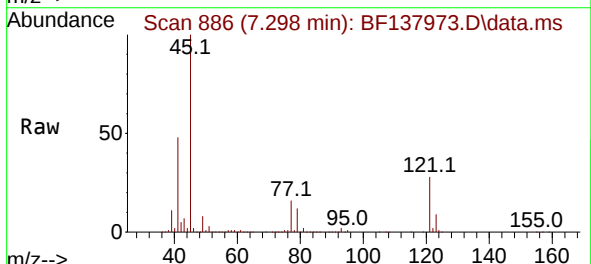
Instrument :
BNA_F
ClientSampleId :
PB160974BS

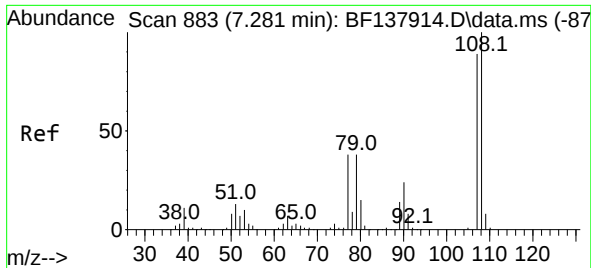
Tgt Ion: 79 Resp: 373902
Ion Ratio Lower Upper
79 100
108 78.4 62.8 94.2
77 60.6 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.637 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion: 45 Resp: 497366
Ion Ratio Lower Upper
45 100
77 16.0 0.0 35.3
79 12.1 0.0 32.1



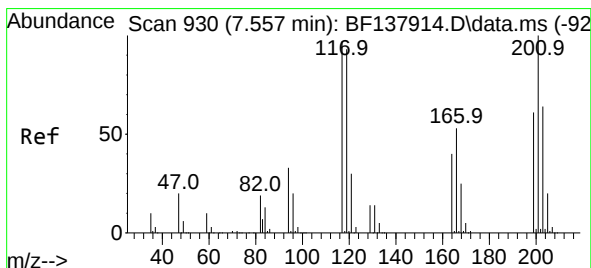
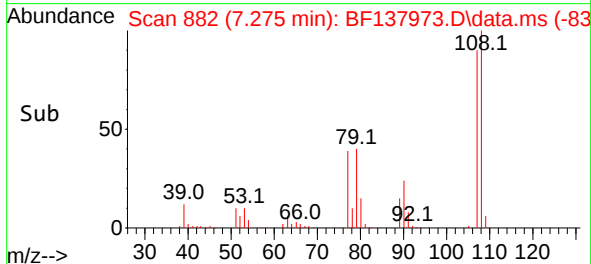
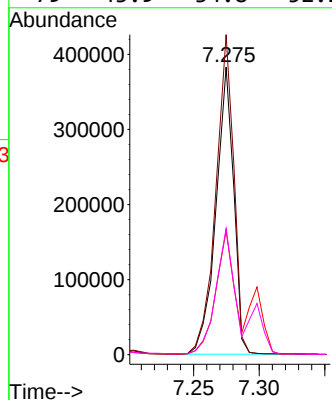
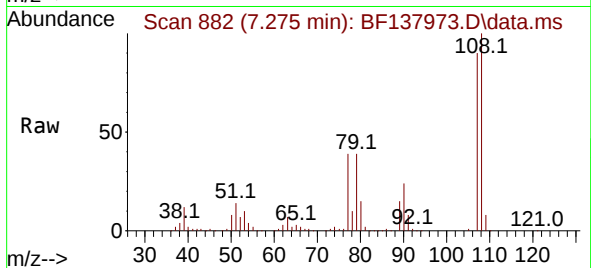


#17
2-Methylphenol
Concen: 45.702 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :
BNA_F
ClientSampleId :
PB160974BS

Tgt Ion:107 Resp: 358453

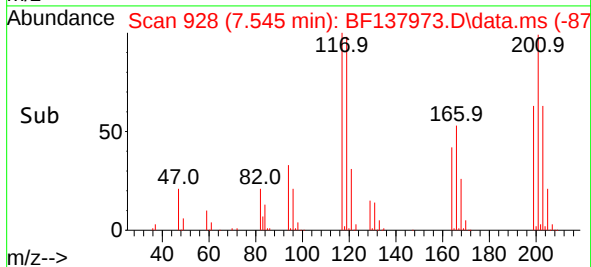
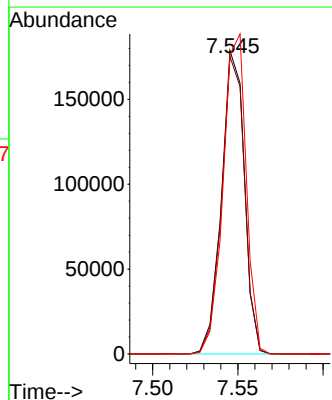
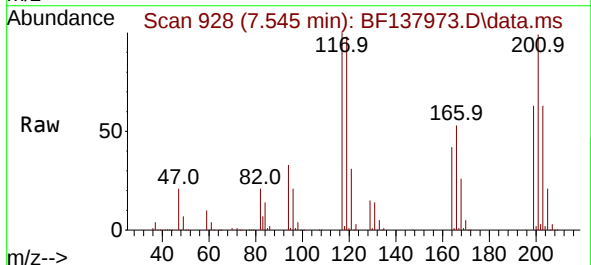
Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.1	135.1
77	43.2	34.3	51.5
79	43.9	34.8	52.2

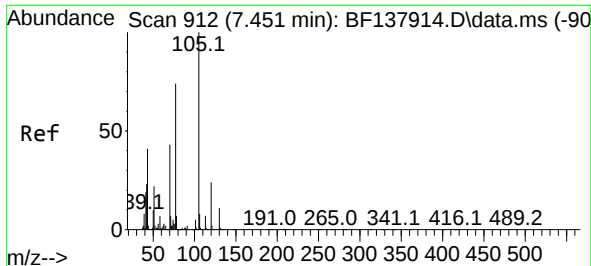


#18
Hexachloroethane
Concen: 43.252 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:117 Resp: 167171

Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.8	115.2
201	98.6	82.7	124.1

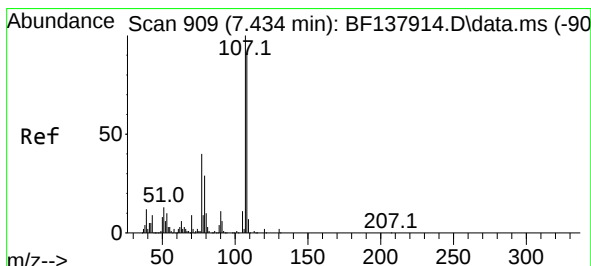
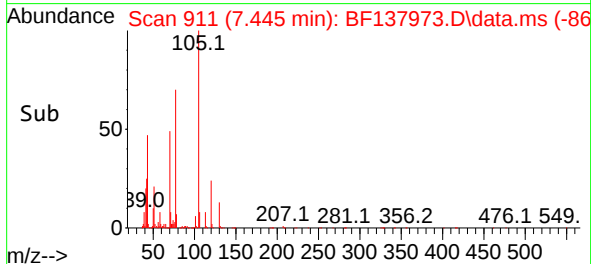
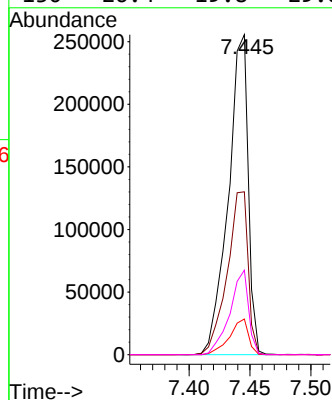
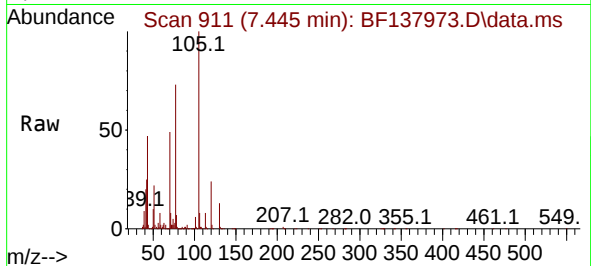




#19
n-Nitroso-di-n-propylamine
Concen: 46.322 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

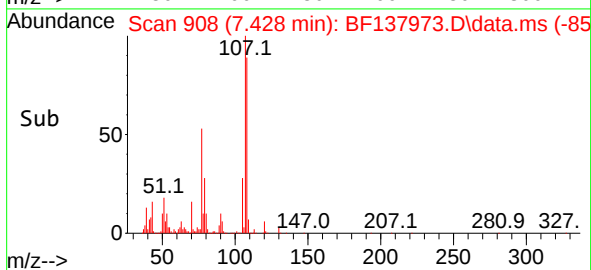
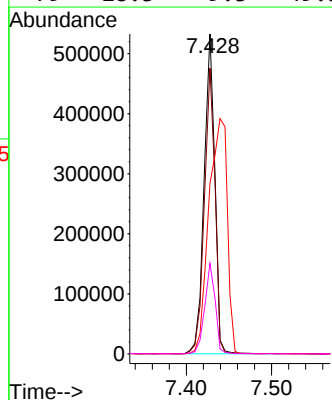
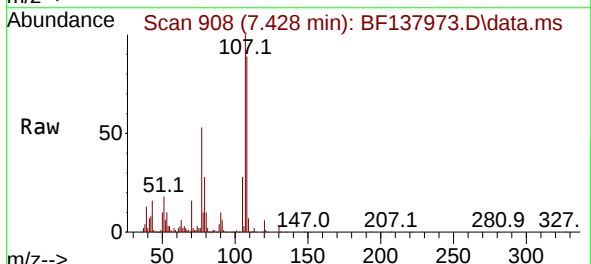
Instrument :
BNA_F
ClientSampleId :
PB160974BS

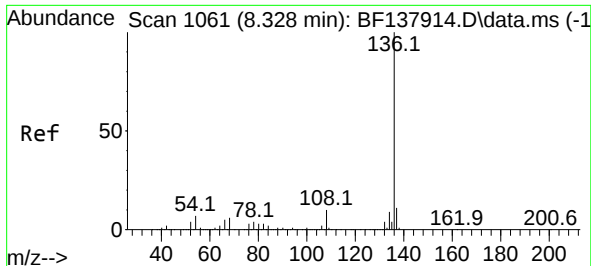
Tgt Ion: 70 Resp: 291340
Ion Ratio Lower Upper
70 100
42 50.9 42.2 63.4
101 11.1 8.8 13.2
130 26.4 19.8 29.8



#20
3+4-Methylphenols
Concen: 45.051 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:107 Resp: 462898
Ion Ratio Lower Upper
107 100
108 89.3 70.8 110.8
77 53.2 20.2 60.2
79 28.3 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

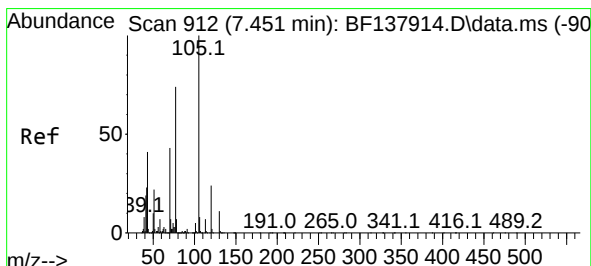
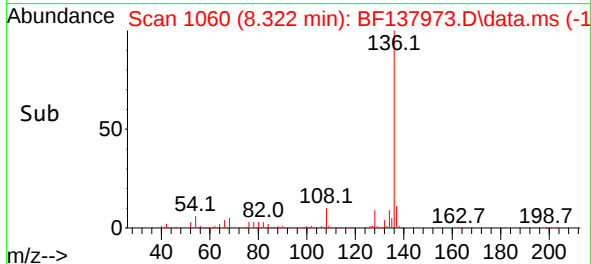
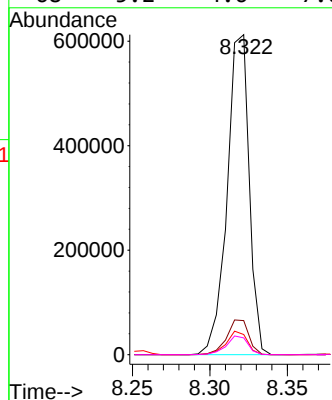
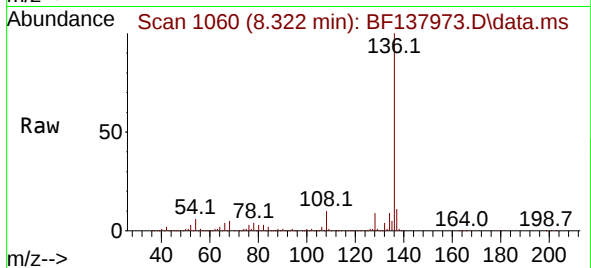
Instrument :

BNA_F

ClientSampleId :

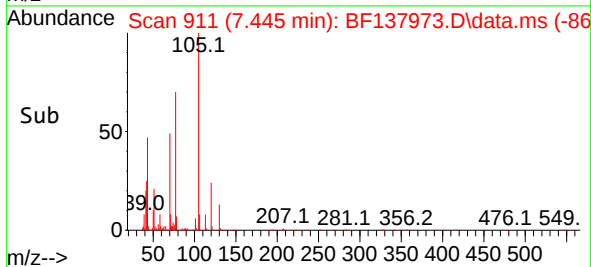
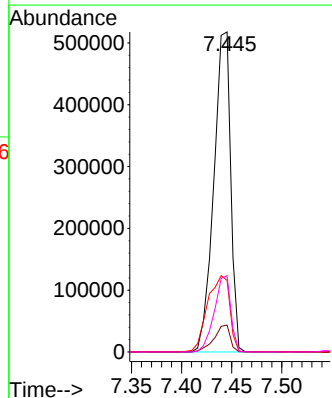
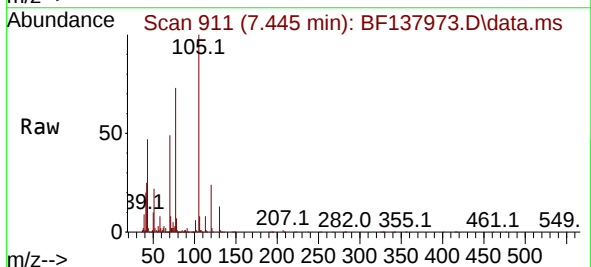
PB160974BS

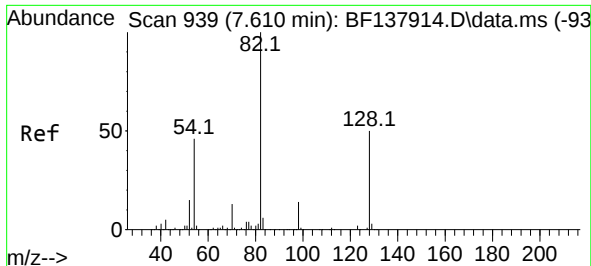
Tgt Ion:136 Resp: 606523
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.3 5.4 8.2
68 5.2 4.6 7.0



#22
Acetophenone
Concen: 44.638 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:105 Resp: 606505
Ion Ratio Lower Upper
105 100
71 8.4 5.7 8.5
51 22.3 17.8 26.8
120 23.8 19.0 28.6





#23

Nitrobenzene-d5

Concen: 83.367 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

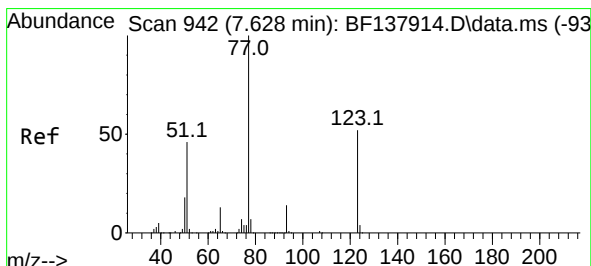
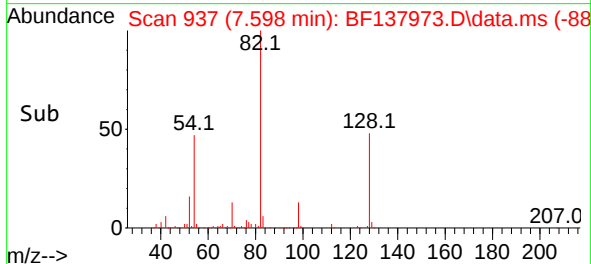
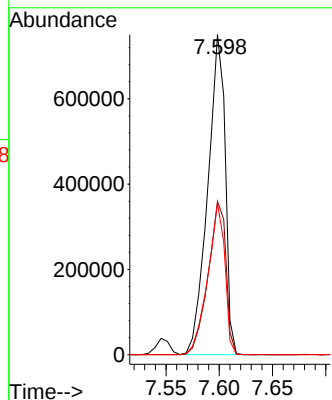
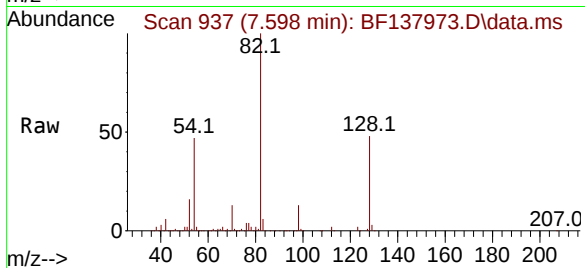
Tgt Ion: 82 Resp: 859196

Ion Ratio Lower Upper

82 100

128 48.0 40.3 60.5

54 47.3 36.8 55.2



#24

Nitrobenzene

Concen: 42.384 ng

RT: 7.616 min Scan# 940

Delta R.T. -0.012 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

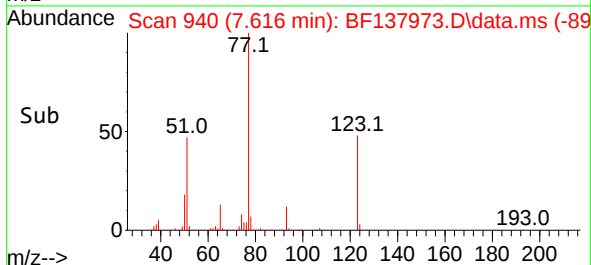
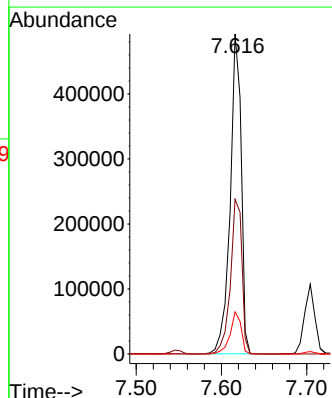
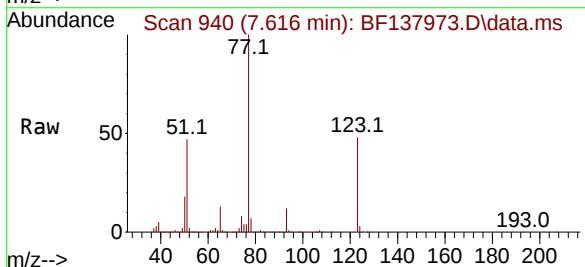
Tgt Ion: 77 Resp: 443135

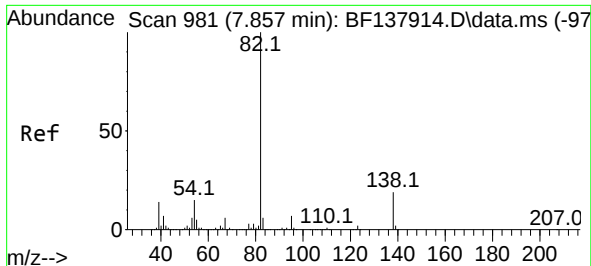
Ion Ratio Lower Upper

77 100

123 48.3 41.4 62.2

65 13.2 10.5 15.7

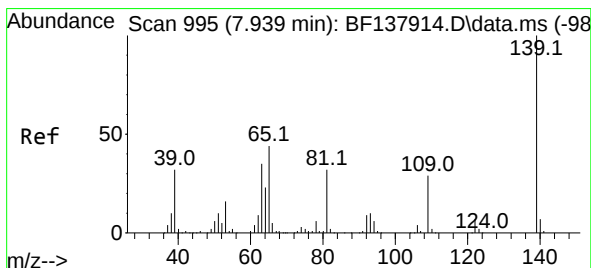
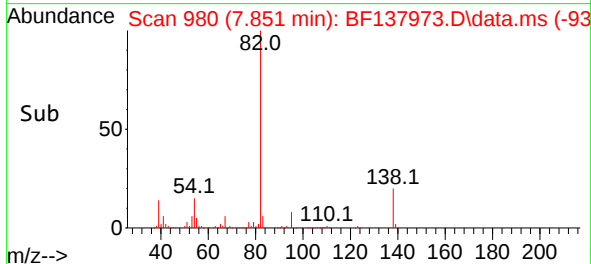
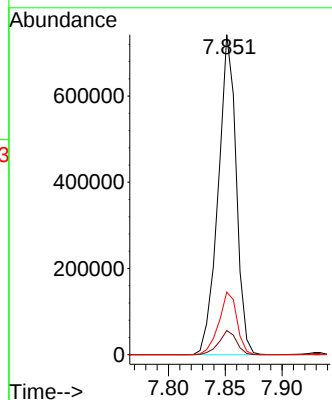
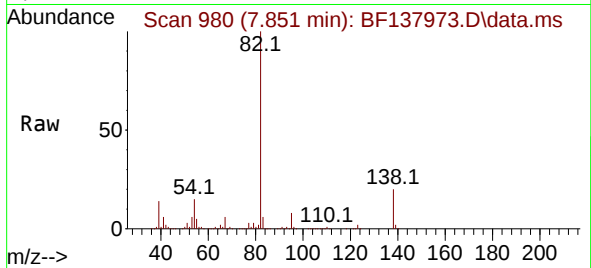




#25
Isophorone
Concen: 45.770 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

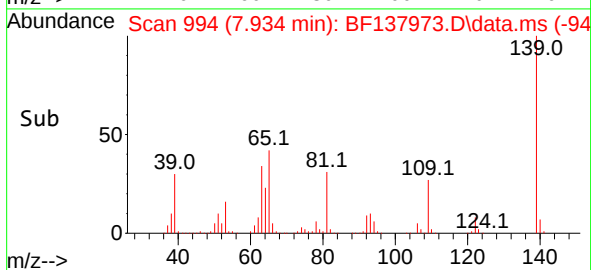
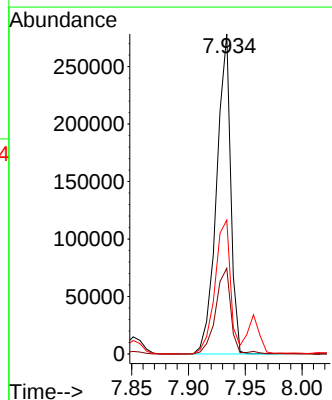
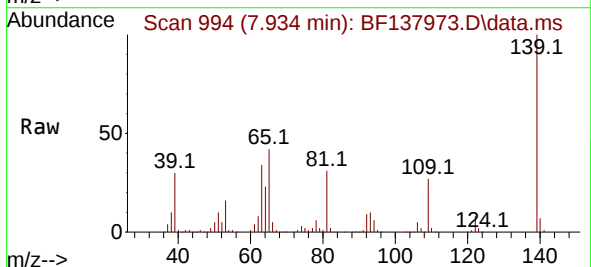
Instrument :
BNA_F
ClientSampleId :
PB160974BS

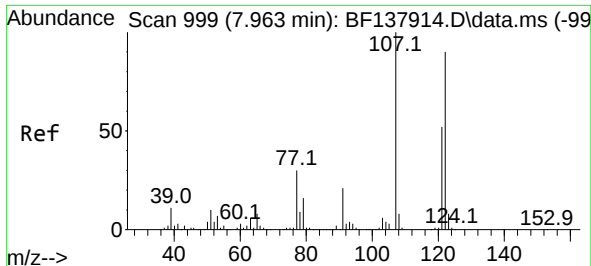
Tgt Ion: 82 Resp: 818697
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 19.5 15.0 22.4



#26
2-Nitrophenol
Concen: 45.792 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion: 139 Resp: 240565
Ion Ratio Lower Upper
139 100
109 26.8 22.8 34.2
65 41.8 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 50.001 ng

RT: 7.957 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

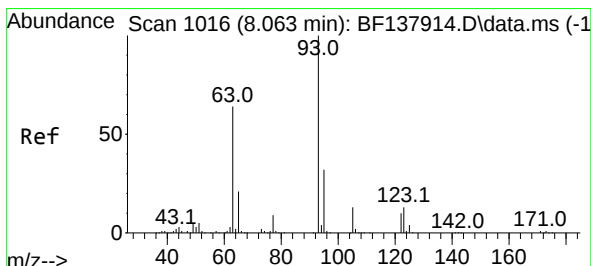
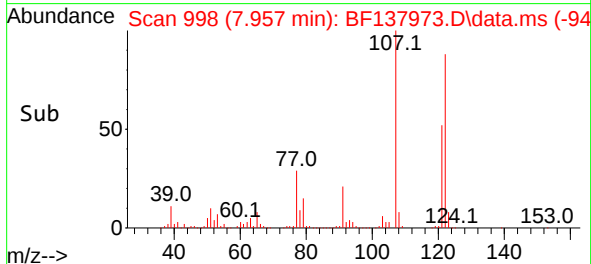
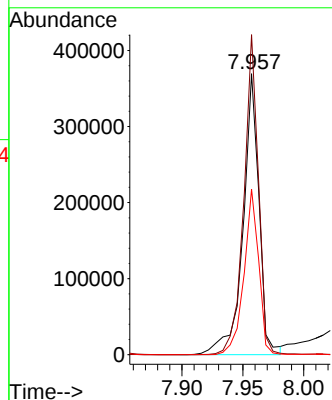
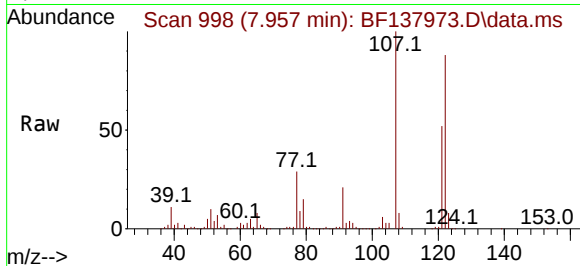
Tgt Ion:122 Resp: 338187

Ion Ratio Lower Upper

122 100

107 113.9 89.0 133.4

121 58.9 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.122 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

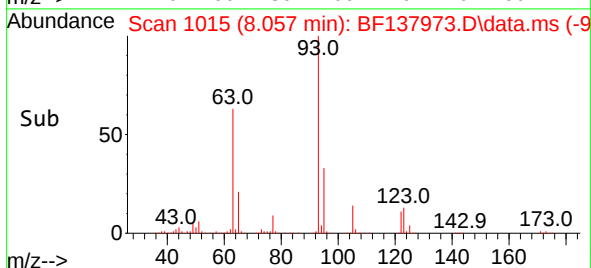
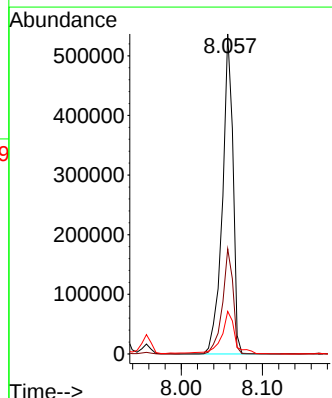
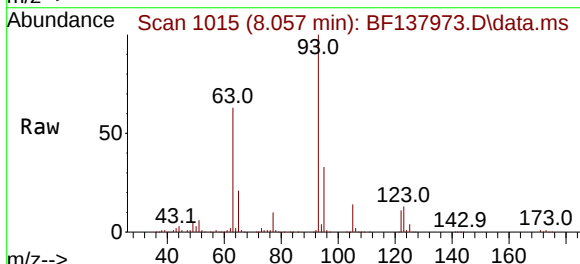
Tgt Ion: 93 Resp: 489160

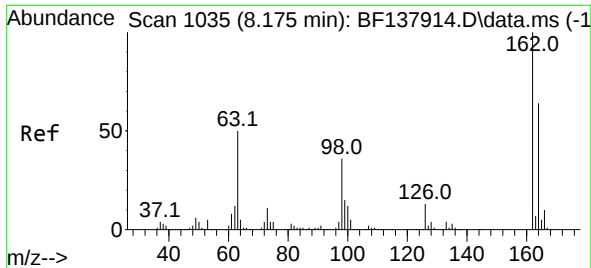
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 13.3 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 46.416 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

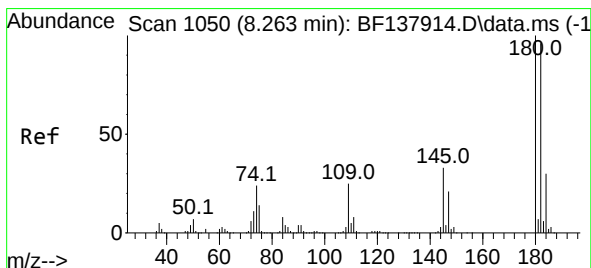
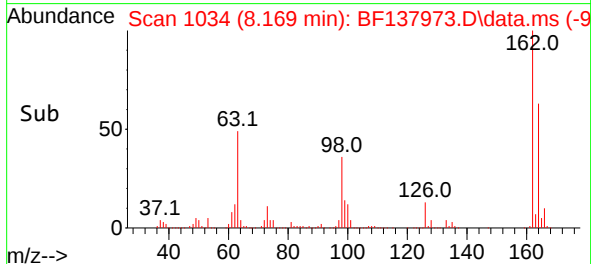
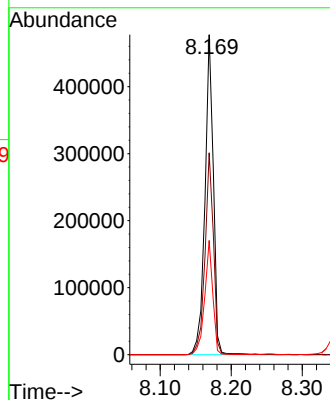
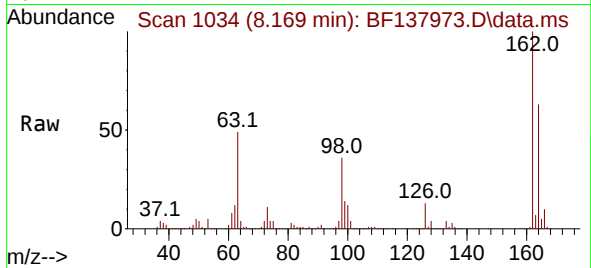
Tgt Ion:162 Resp: 394780

Ion Ratio Lower Upper

162 100

164 63.1 44.3 84.3

98 35.7 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 42.776 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

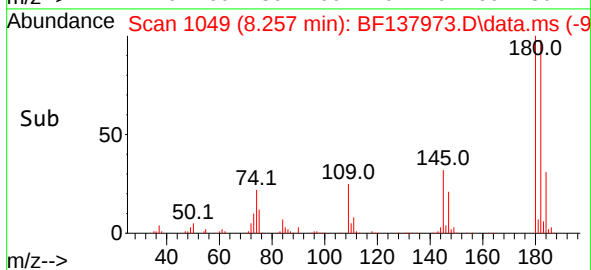
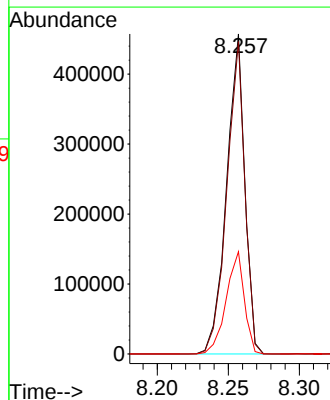
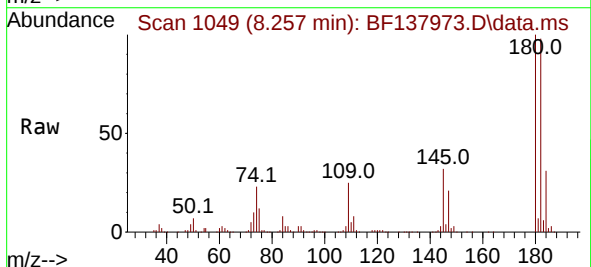
Tgt Ion:180 Resp: 406221

Ion Ratio Lower Upper

180 100

182 97.6 76.5 114.7

145 32.0 26.2 39.2

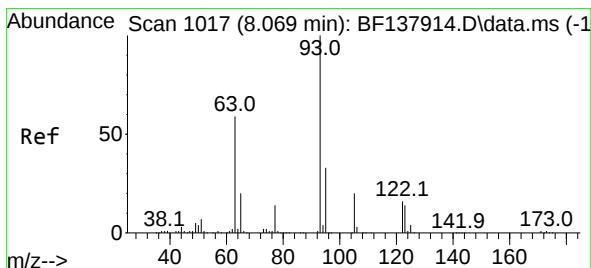
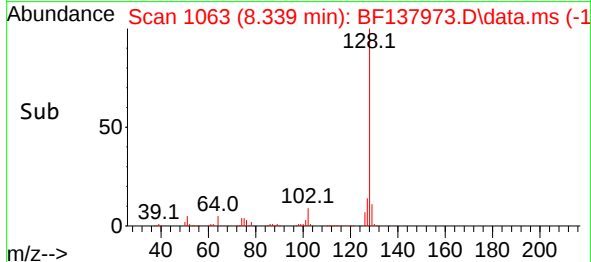
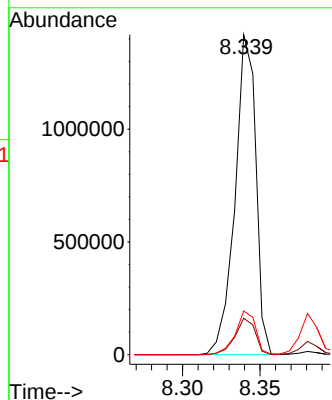
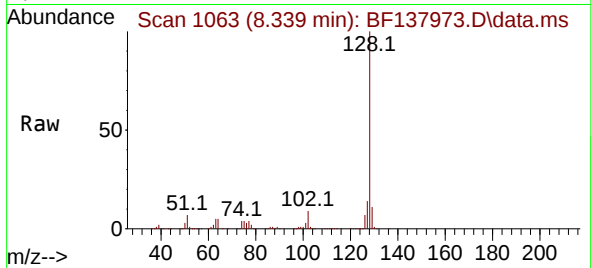




#31
Naphthalene
Concen: 43.525 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

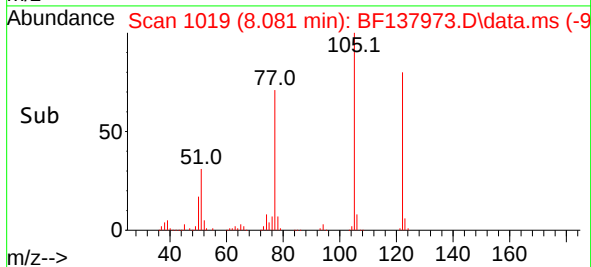
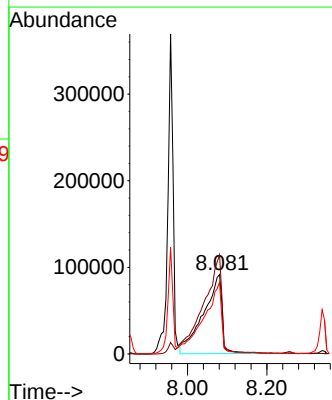
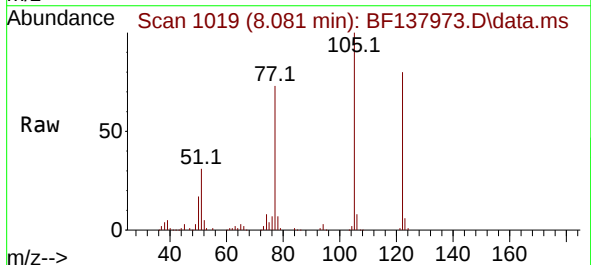
Instrument :
BNA_F
ClientSampleId :
PB160974BS

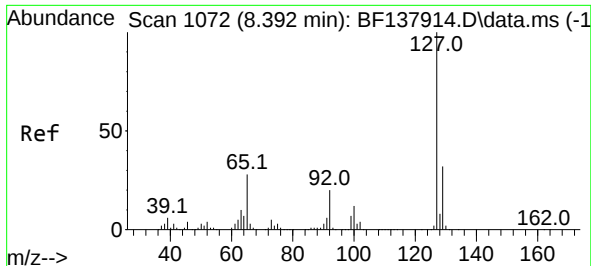
Tgt Ion:128 Resp: 1327340
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.7 10.6 16.0



#32
Benzoic acid
Concen: 52.448 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:122 Resp: 299871
Ion Ratio Lower Upper
122 100
105 124.7 103.8 143.8
77 90.5 68.4 108.4

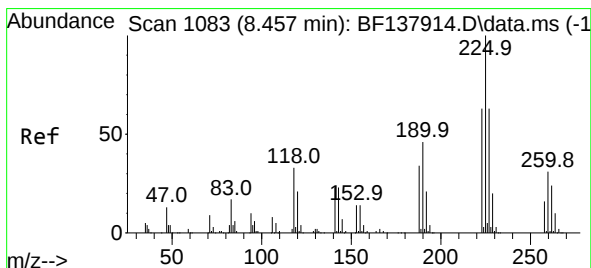
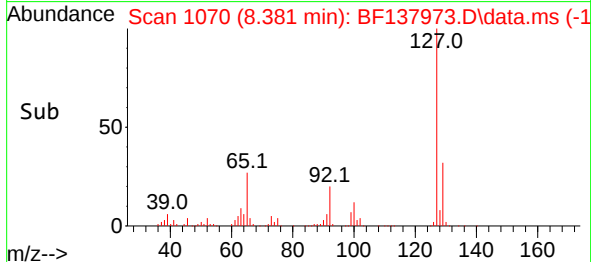
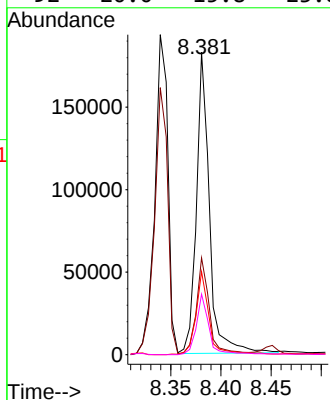
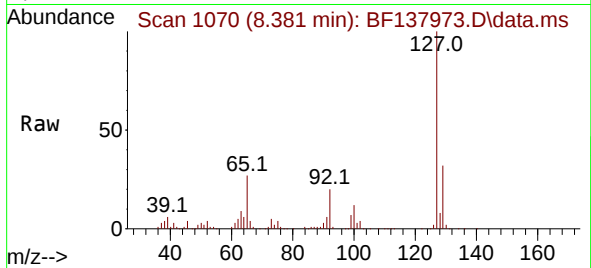




#33
4-Chloroaniline
Concen: 16.497 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

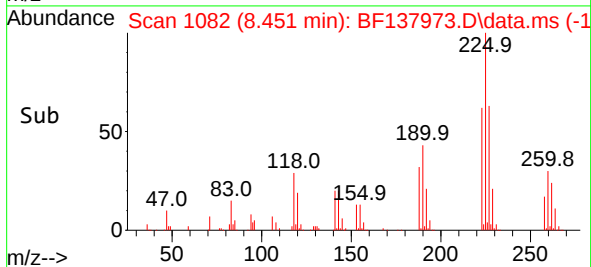
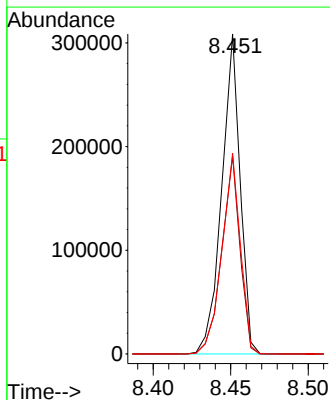
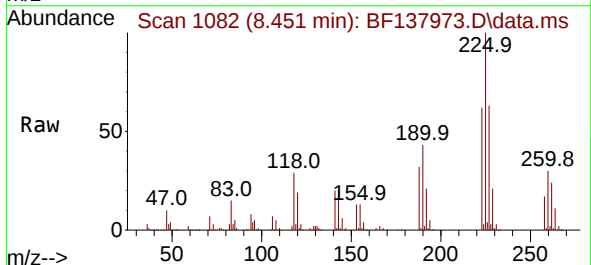
Instrument :
BNA_F
ClientSampleId :
PB160974BS

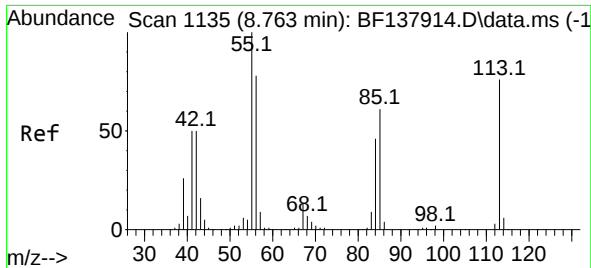
Tgt Ion:	127	Resp:	164925
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	27.5	22.0	33.0
92	20.0	15.8	23.8



#34
Hexachlorobutadiene
Concen: 42.429 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:	225	Resp:	255032
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.0	75.0
227	62.7	50.2	75.4

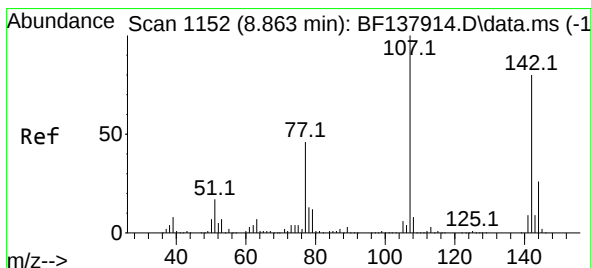
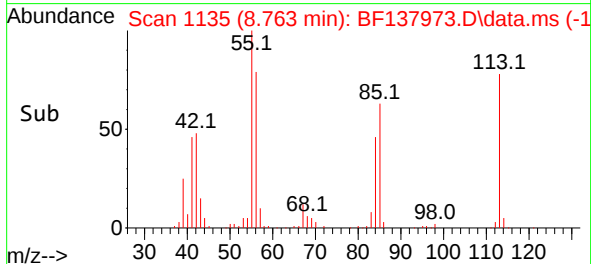
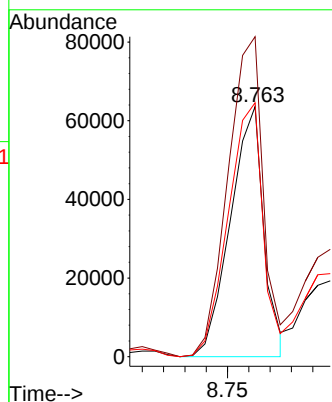
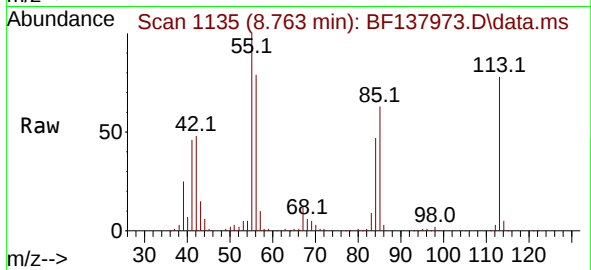




#35
 Caprolactam
 Concen: 28.052 ng
 RT: 8.763 min Scan# 1135
 Delta R.T. 0.000 min
 Lab File: BF137973.D
 Acq: 21 May 2024 12:22

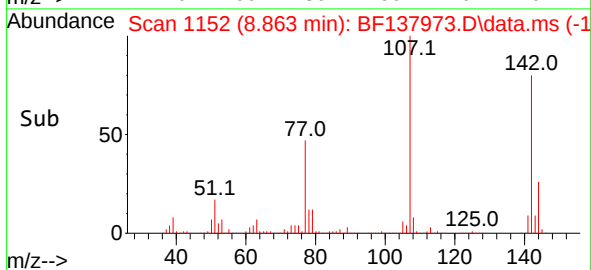
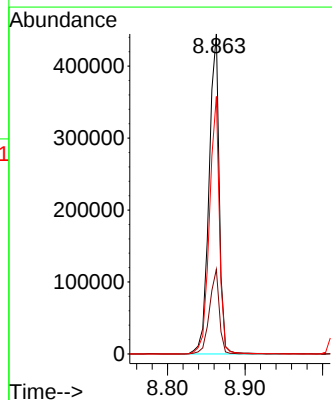
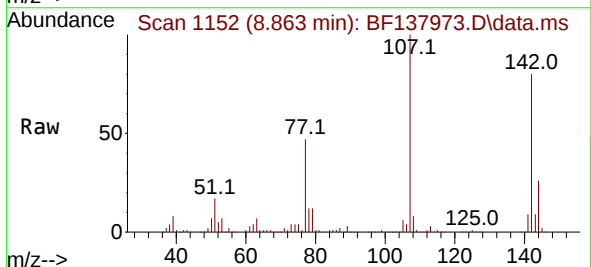
Instrument :
 BNA_F
 ClientSampleId :
 PB160974BS

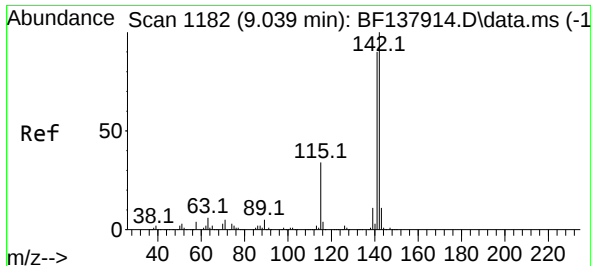
Tgt Ion:113 Resp: 69125
 Ion Ratio Lower Upper
 113 100
 55 127.9 112.3 152.3
 56 101.5 82.7 122.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.998 ng
 RT: 8.863 min Scan# 1152
 Delta R.T. 0.000 min
 Lab File: BF137973.D
 Acq: 21 May 2024 12:22

Tgt Ion:107 Resp: 406634
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.7 31.1
 142 80.5 64.0 96.0





#37

2-Methylnaphthalene

Concen: 44.858 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

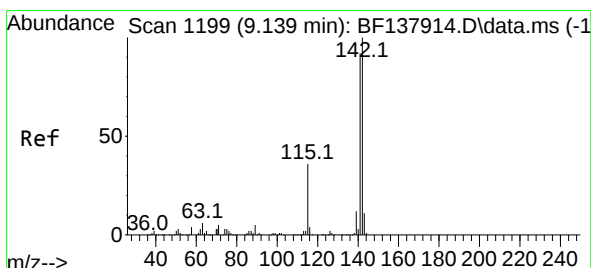
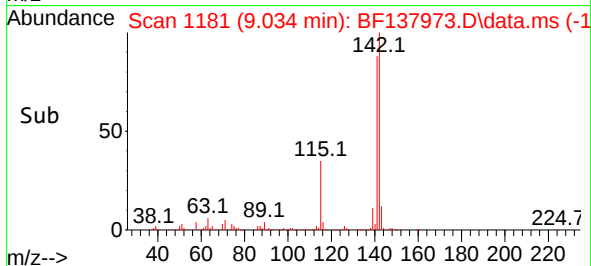
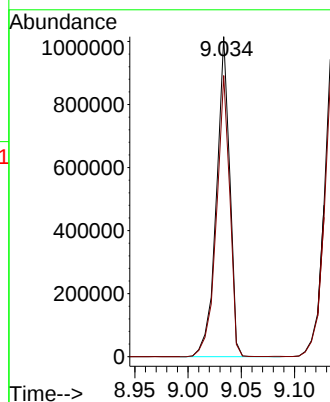
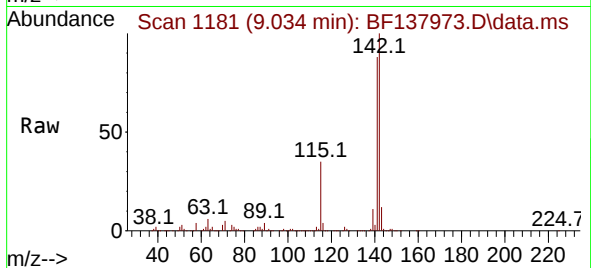
PB160974BS

Tgt Ion:142 Resp: 879352

Ion Ratio Lower Upper

142 100

141 87.9 72.0 108.0



#38

1-Methylnaphthalene

Concen: 42.155 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF137973.D

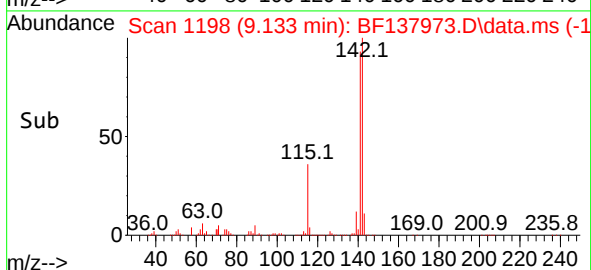
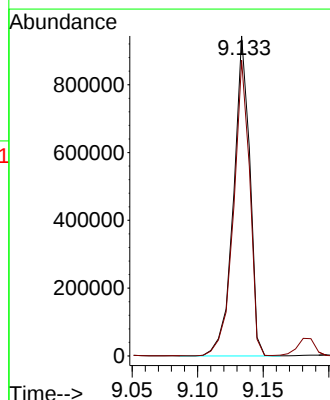
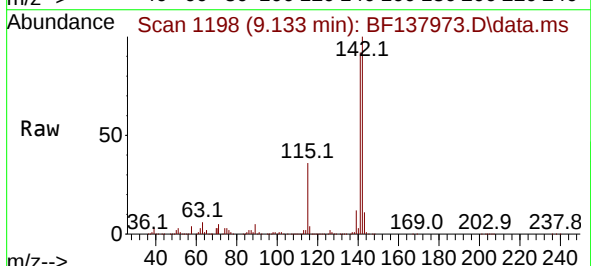
Acq: 21 May 2024 12:22

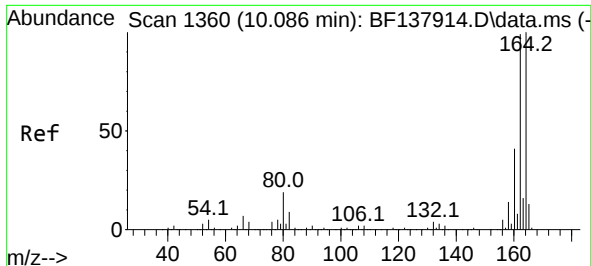
Tgt Ion:142 Resp: 812387

Ion Ratio Lower Upper

142 100

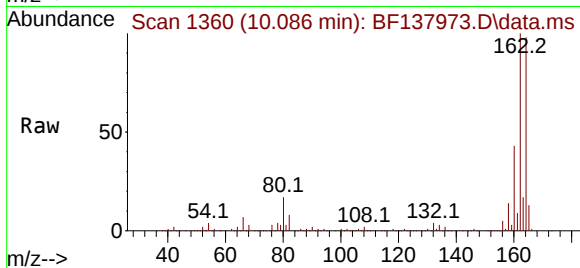
141 92.4 73.7 110.5



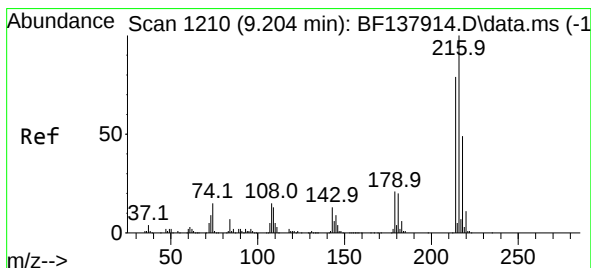
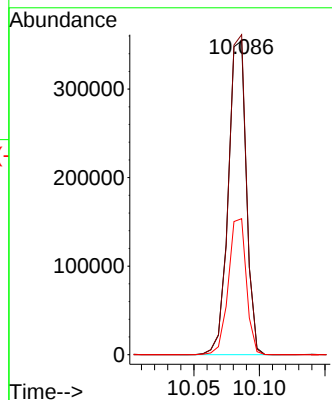
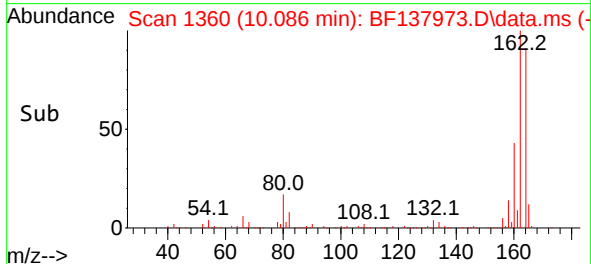


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

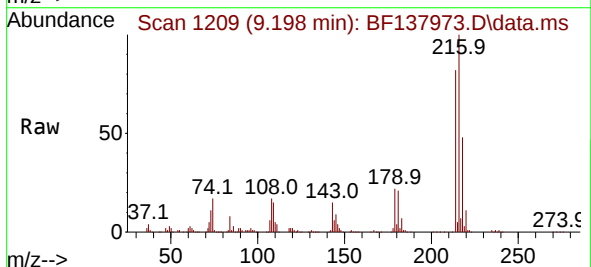
Instrument :
BNA_F
ClientSampleId :
PB160974BS



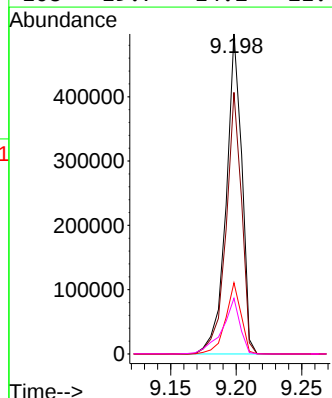
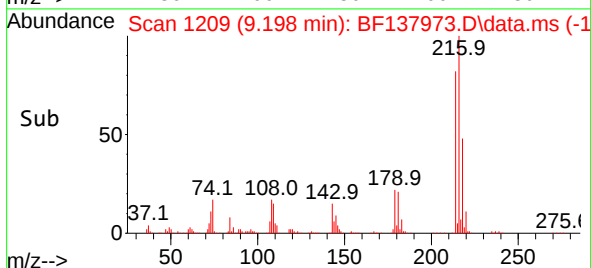
Tgt Ion:164 Resp: 339468
Ion Ratio Lower Upper
164 100
162 101.9 79.4 119.2
160 43.4 33.1 49.7

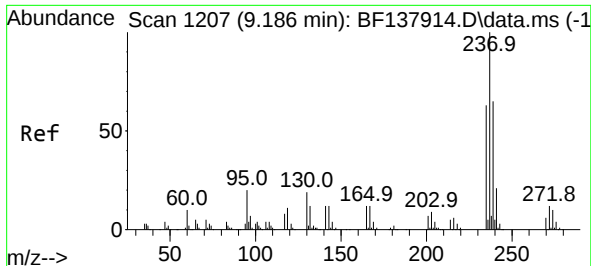


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.717 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22



Tgt Ion:216 Resp: 412684
Ion Ratio Lower Upper
216 100
214 80.7 63.4 95.2
179 21.9 17.0 25.4
108 19.7 14.2 21.4

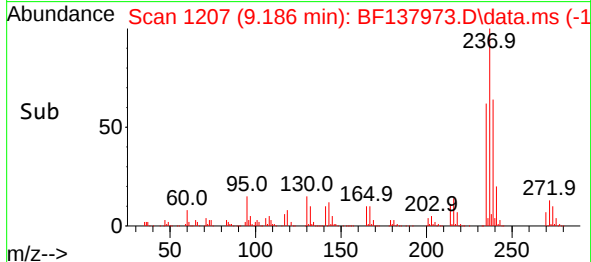
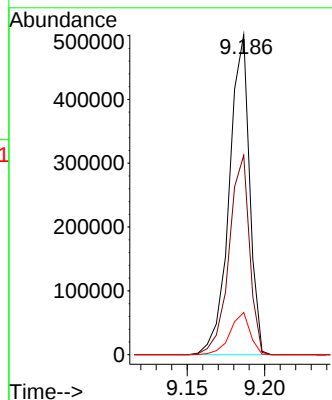
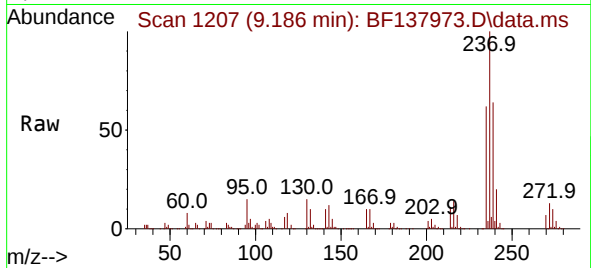




#41
Hexachlorocyclopentadiene
Concen: 130.111 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

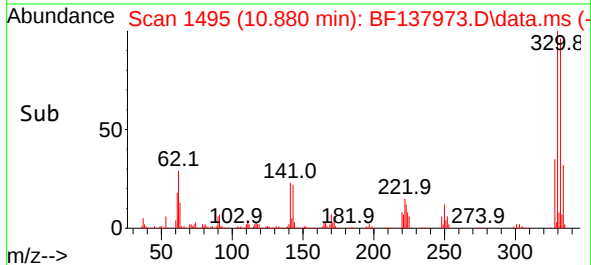
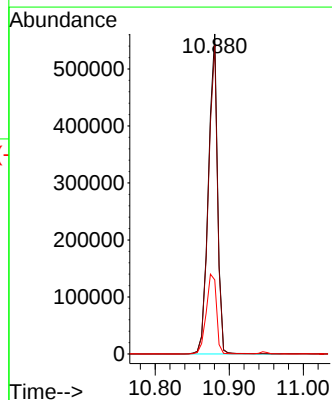
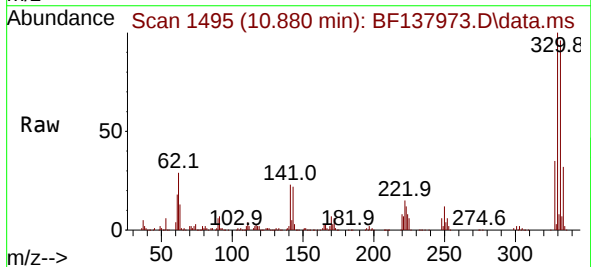
Instrument :
BNA_F
ClientSampleId :
PB160974BS

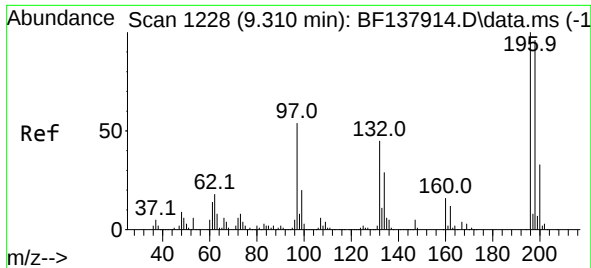
Tgt Ion:237 Resp: 456265
Ion Ratio Lower Upper
237 100
235 62.3 42.8 82.8
272 13.2 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 140.459 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:330 Resp: 480769
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.8
141 28.1 23.8 35.6

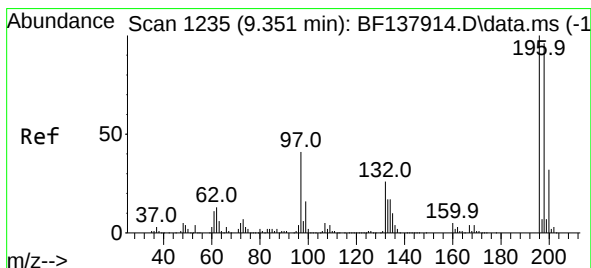
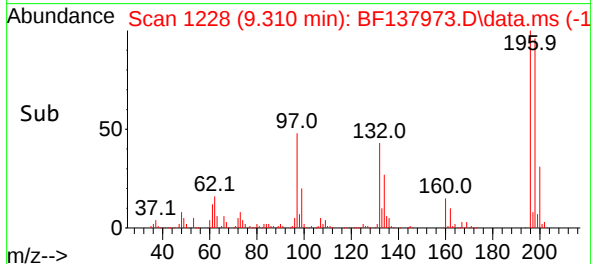
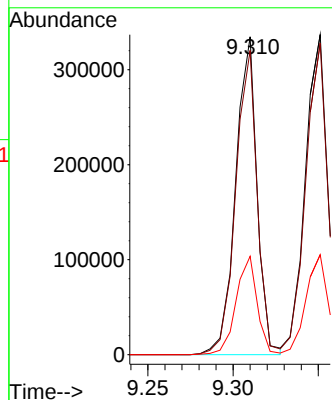
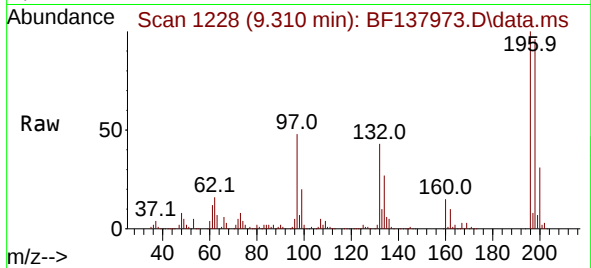




#43
2,4,6-Trichlorophenol
Concen: 48.364 ng
RT: 9.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

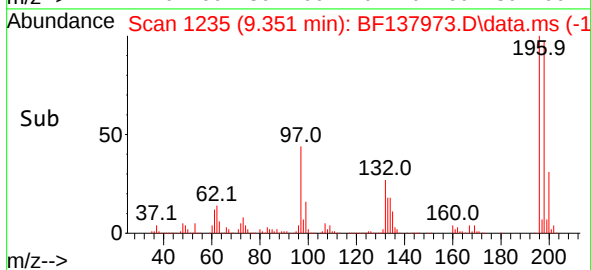
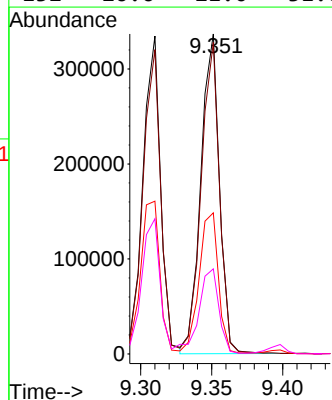
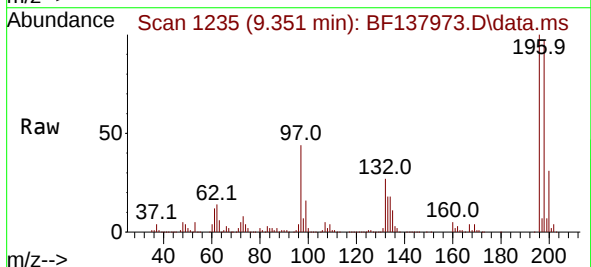
Instrument :
BNA_F
ClientSampleId :
PB160974BS

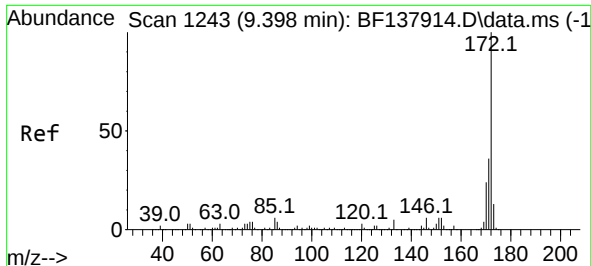
Tgt Ion:196 Resp: 292657
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.4
200 30.9 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 46.441 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:196 Resp: 307485
Ion Ratio Lower Upper
196 100
198 97.4 77.4 116.0
97 44.1 32.9 49.3
132 26.6 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 82.984 ng

RT: 9.398 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

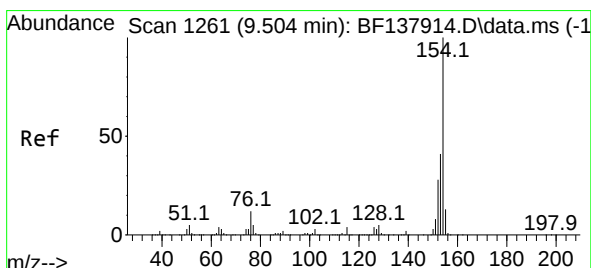
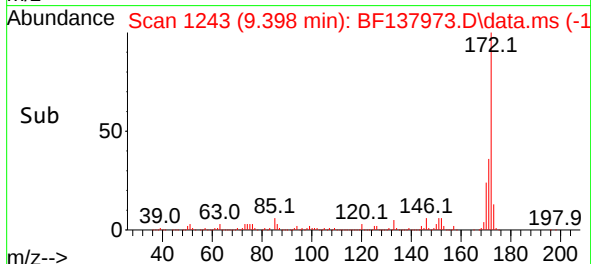
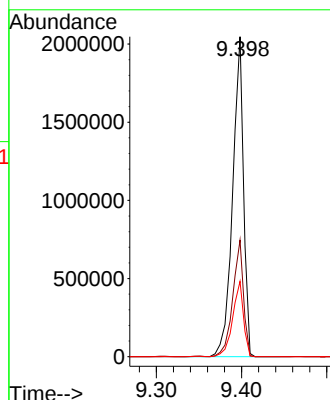
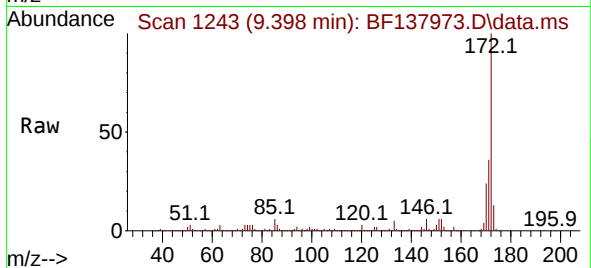
Tgt Ion:172 Resp: 1828783

Ion Ratio Lower Upper

172 100

171 36.5 28.9 43.3

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 45.292 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

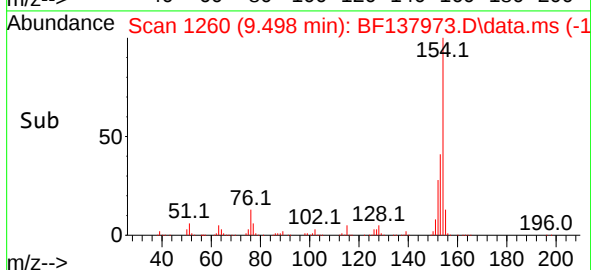
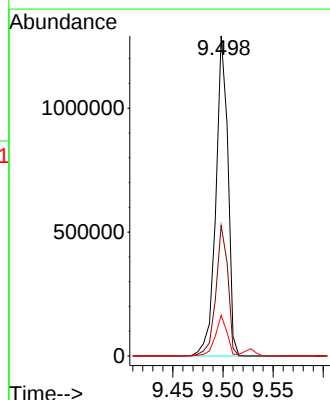
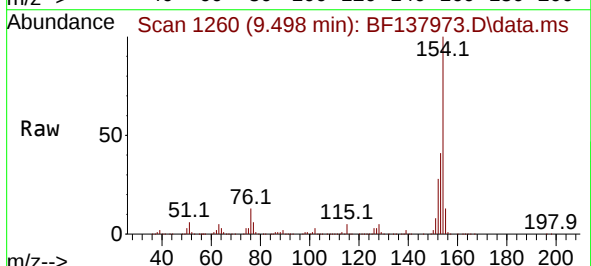
Tgt Ion:154 Resp: 1078395

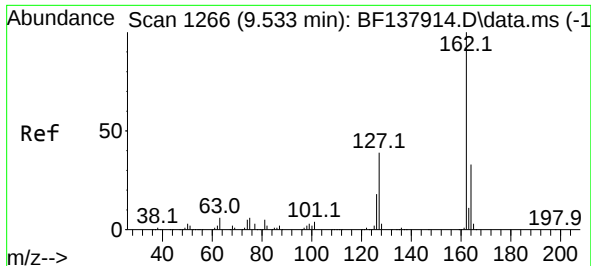
Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

76 12.7 0.0 31.9





#47

2-Chloronaphthalene

Concen: 44.221 ng

RT: 9.528 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

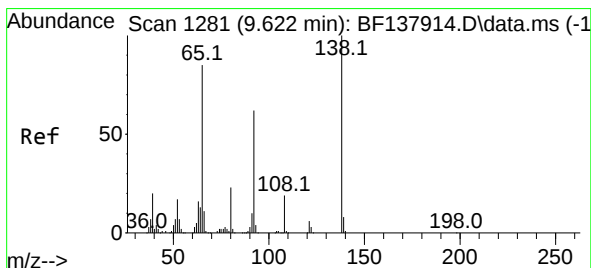
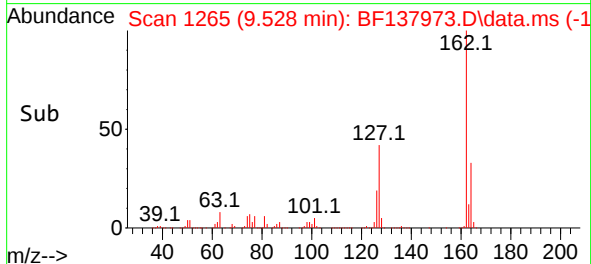
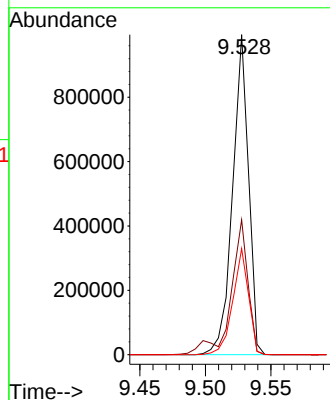
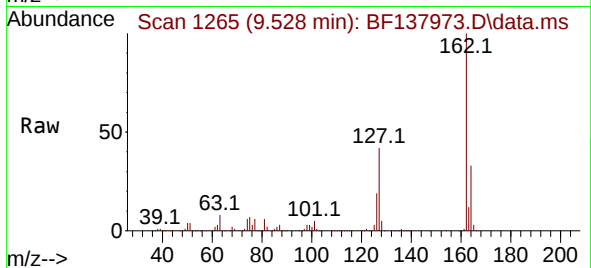
Tgt Ion:162 Resp: 840490

Ion Ratio Lower Upper

162 100

127 42.1 32.0 48.0

164 33.1 26.2 39.4



#48

2-Nitroaniline

Concen: 46.630 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

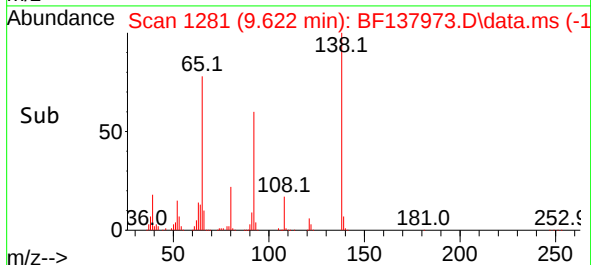
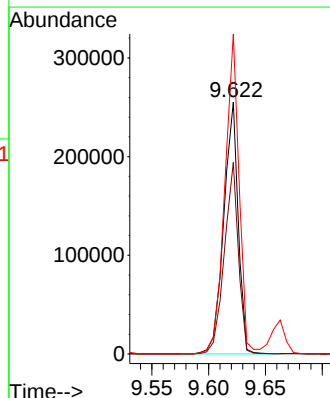
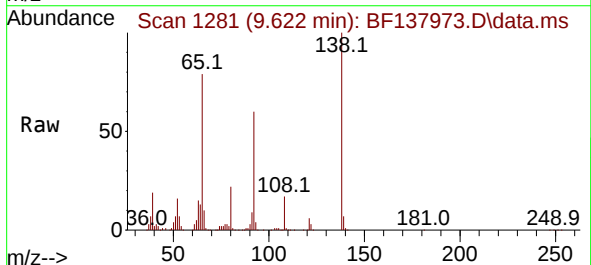
Tgt Ion: 65 Resp: 226952

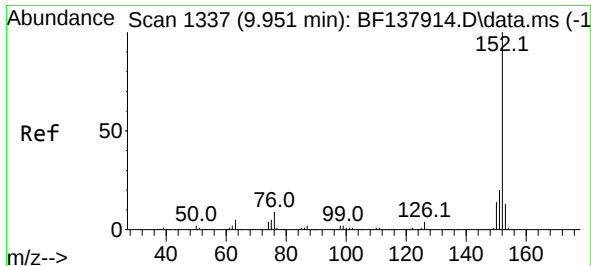
Ion Ratio Lower Upper

65 100

92 76.0 58.6 88.0

138 127.0 94.1 141.1

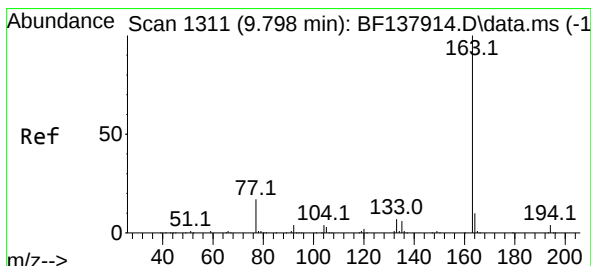
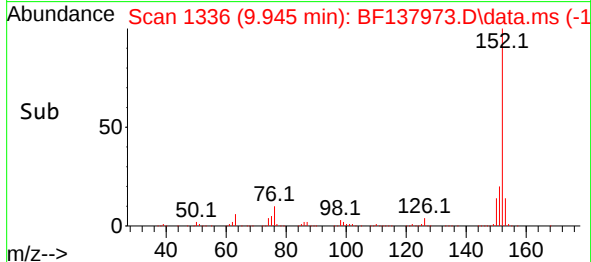
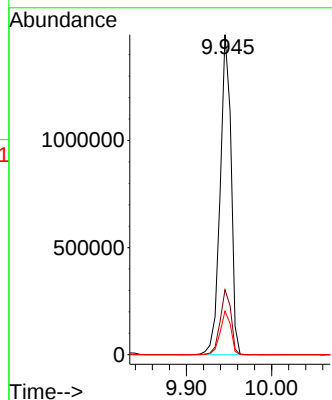
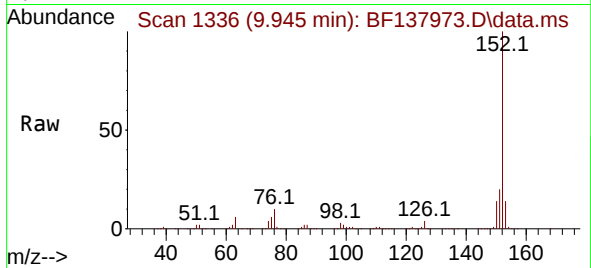




#49
Acenaphthylene
Concen: 48.440 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

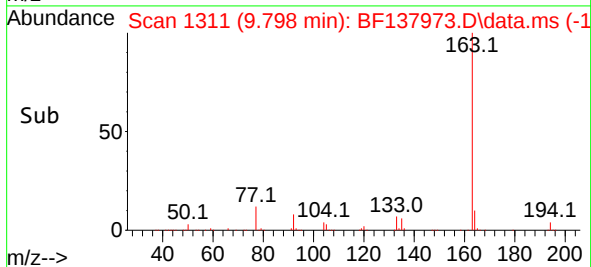
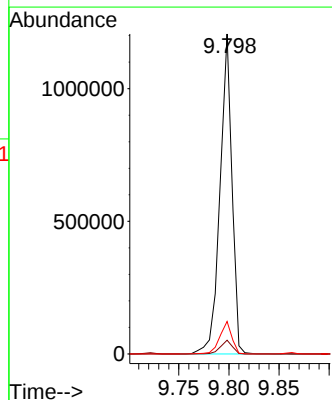
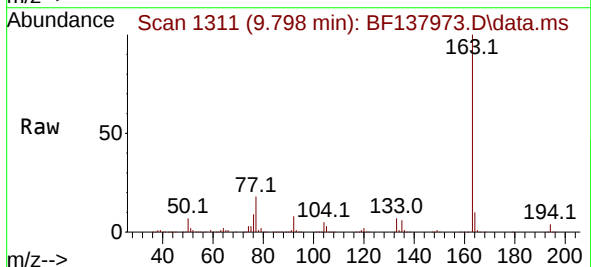
Instrument :
BNA_F
ClientSampleId :
PB160974BS

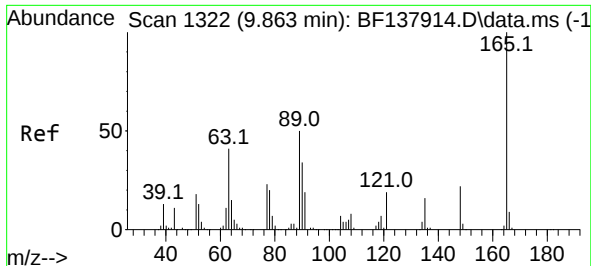
Tgt Ion:152 Resp: 1323828
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.6 10.2 15.4



#50
Dimethylphthalate
Concen: 46.987 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:163 Resp: 1000228
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 45.465 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

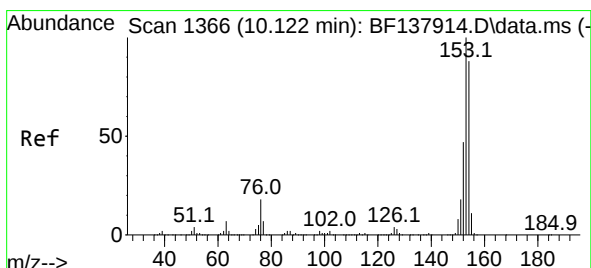
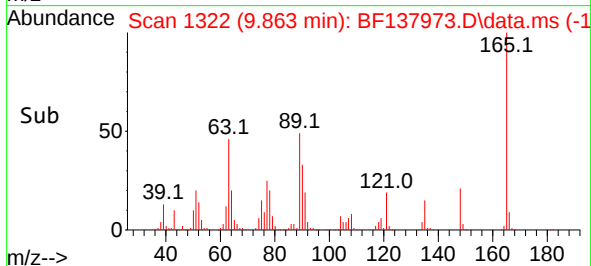
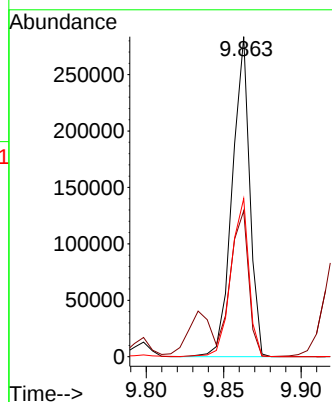
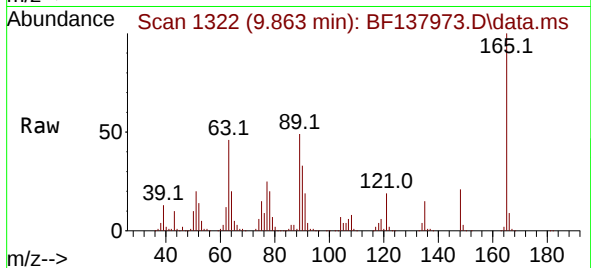
Tgt Ion:165 Resp: 222132

Ion Ratio Lower Upper

165 100

63 45.6 38.9 58.3

89 49.4 40.4 60.6



#52

Acenaphthene

Concen: 49.827 ng

RT: 10.122 min Scan# 1366

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

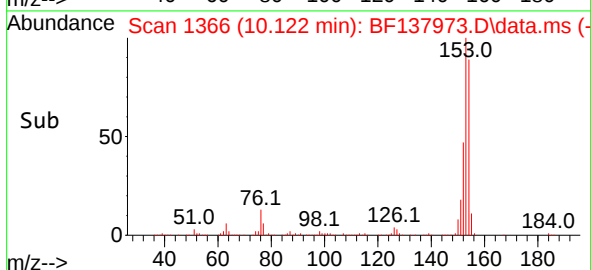
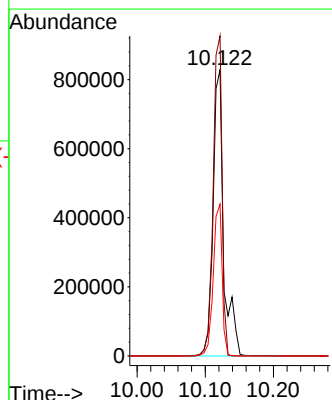
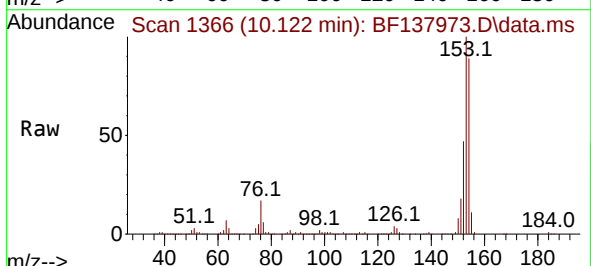
Tgt Ion:154 Resp: 900020

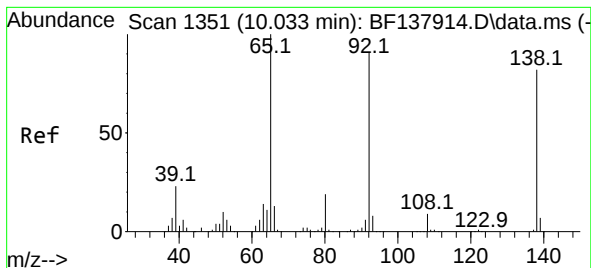
Ion Ratio Lower Upper

154 100

153 111.9 90.4 135.6

152 53.0 42.3 63.5

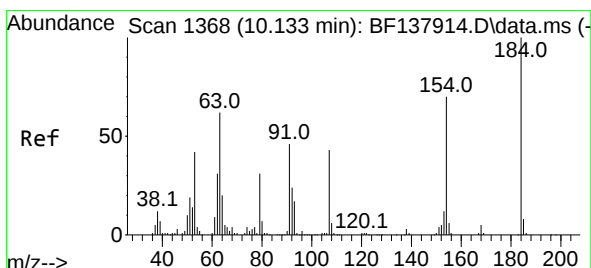
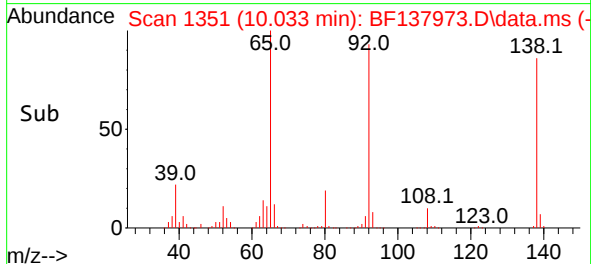
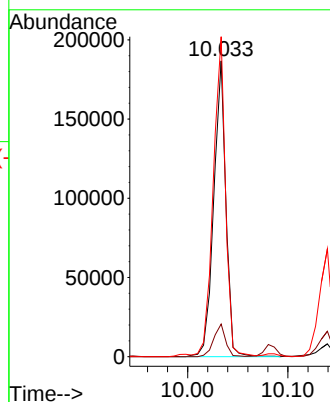
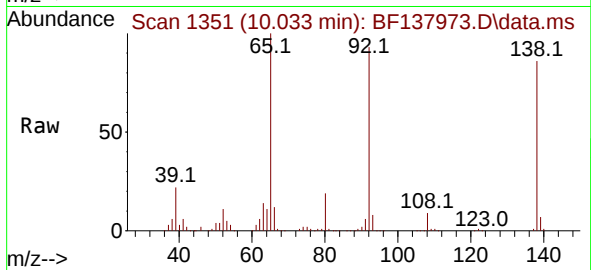




#53
3-Nitroaniline
Concen: 32.962 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

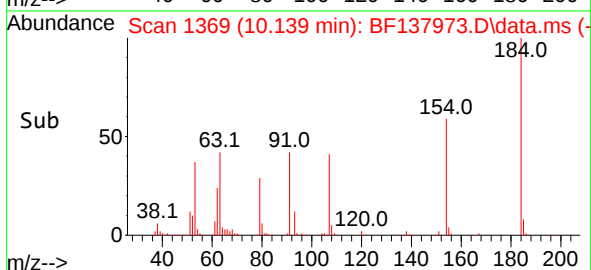
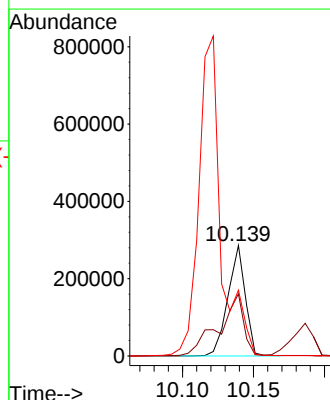
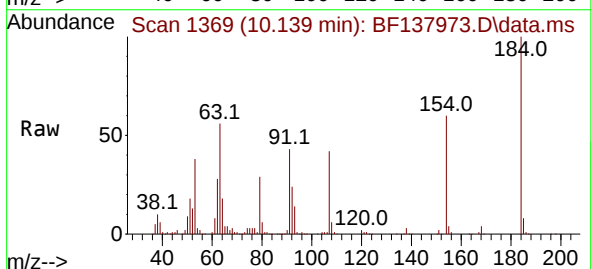
Instrument :
BNA_F
ClientSampleId :
PB160974BS

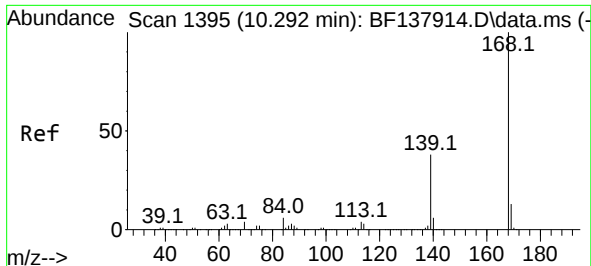
Tgt Ion:138 Resp: 157436
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 108.2 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 91.142 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:184 Resp: 243374
Ion Ratio Lower Upper
184 100
63 56.2 50.4 75.6
154 59.6 63.7 95.5#

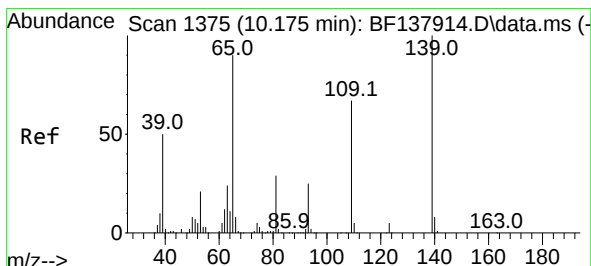
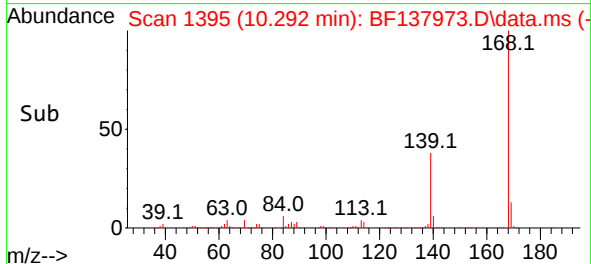
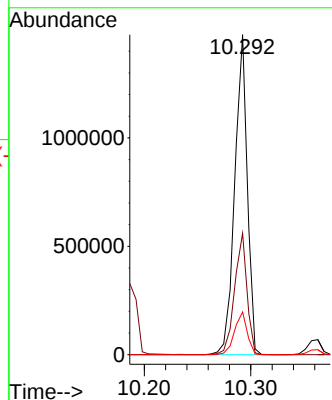
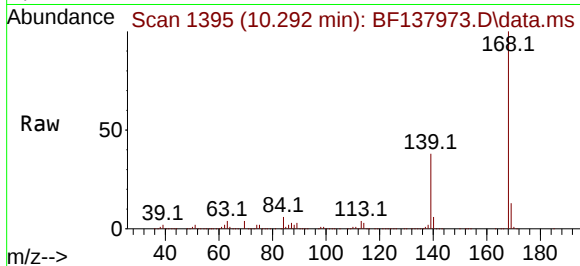




#55
Dibenzenofuran
Concen: 46.068 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

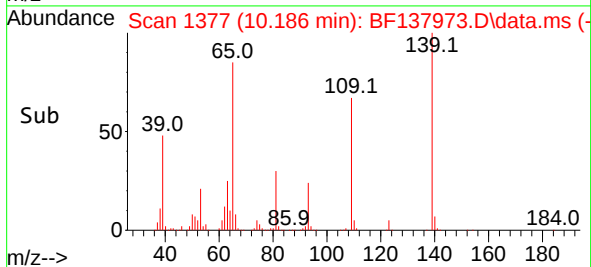
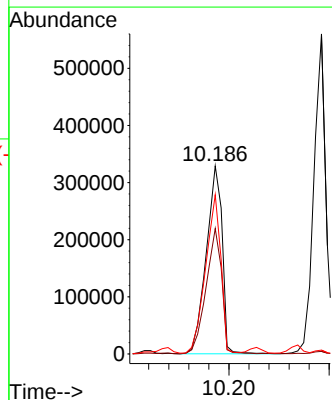
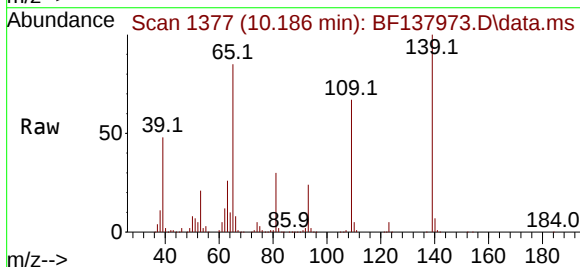
Instrument :
BNA_F
ClientSampleId :
PB160974BS

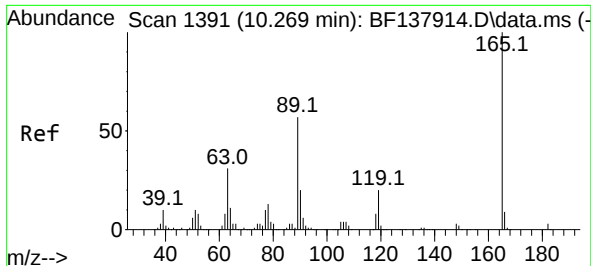
Tgt Ion:168 Resp: 1211030
Ion Ratio Lower Upper
168 100
139 37.9 30.4 45.6
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 105.815 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:139 Resp: 362998
Ion Ratio Lower Upper
139 100
109 66.7 46.5 86.5
65 84.7 70.4 110.4

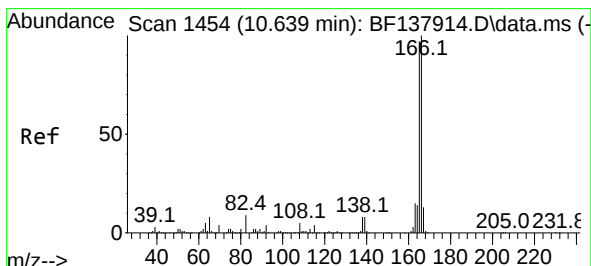
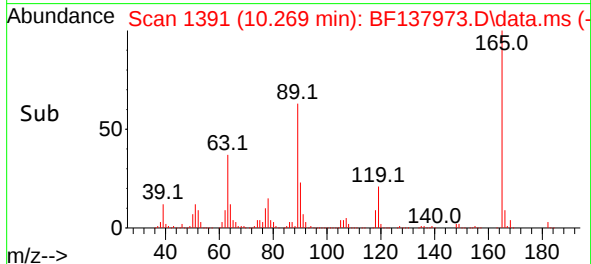
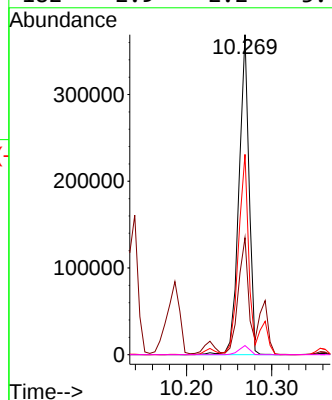
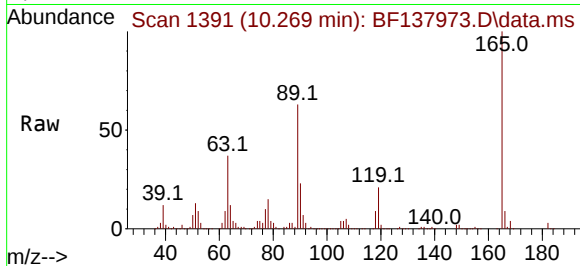




#57
2,4-Dinitrotoluene
Concen: 48.143 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

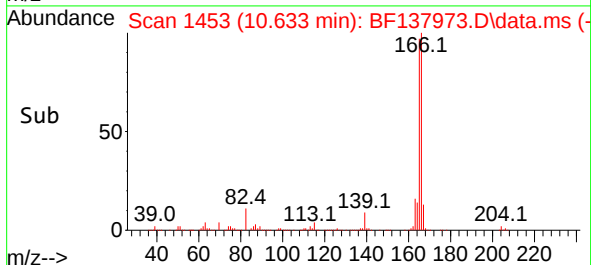
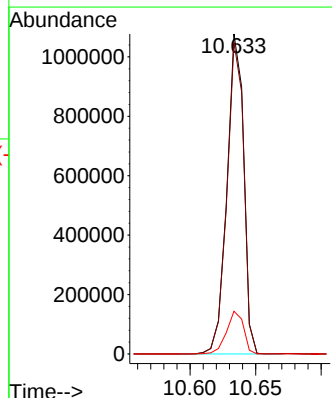
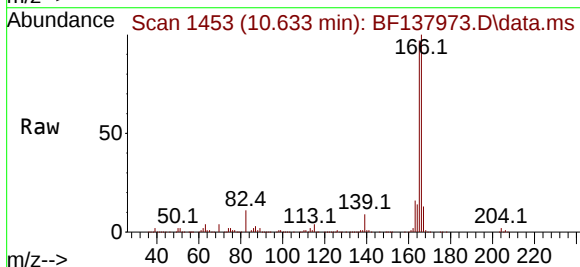
Instrument :
BNA_F
ClientSampleId :
PB160974BS

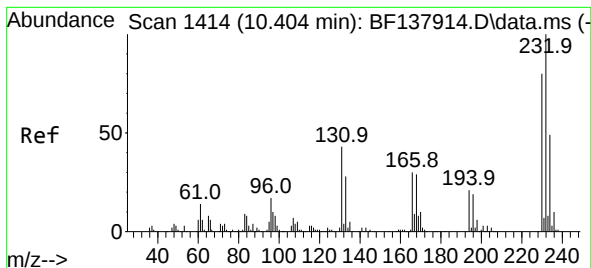
Tgt Ion:165 Resp: 304081
Ion Ratio Lower Upper
165 100
63 36.6 25.3 37.9
89 62.6 45.9 68.9
182 2.9 2.2 3.4



#58
Fluorene
Concen: 45.991 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:166 Resp: 956278
Ion Ratio Lower Upper
166 100
165 97.4 77.8 116.8
167 13.3 10.4 15.6

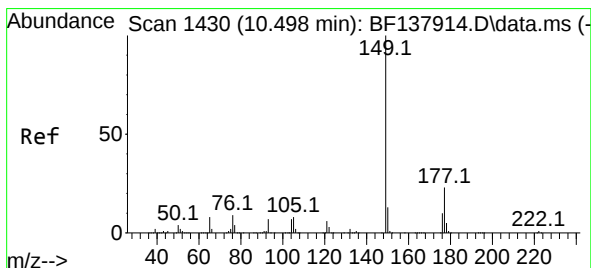
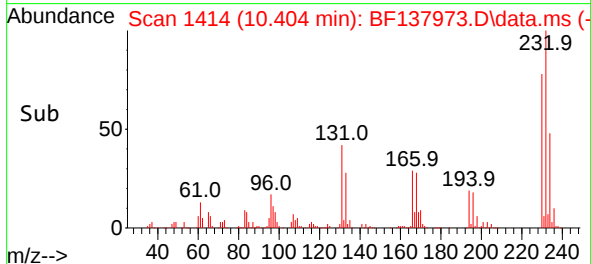
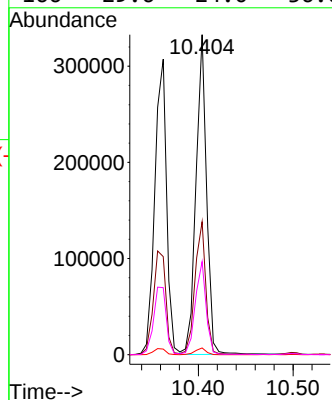
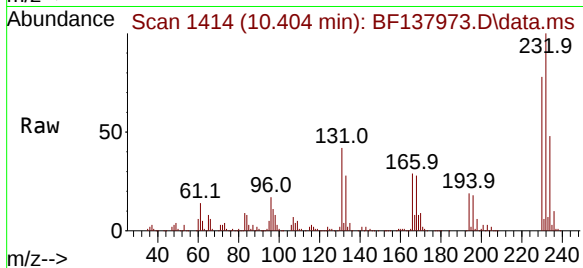




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.910 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

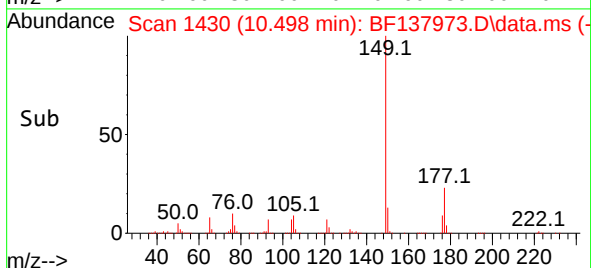
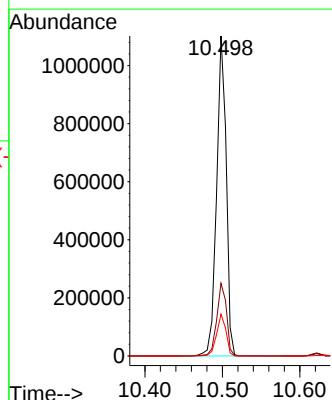
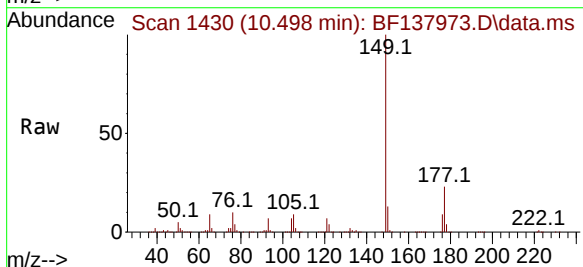
Instrument :
BNA_F
ClientSampleId :
PB160974BS

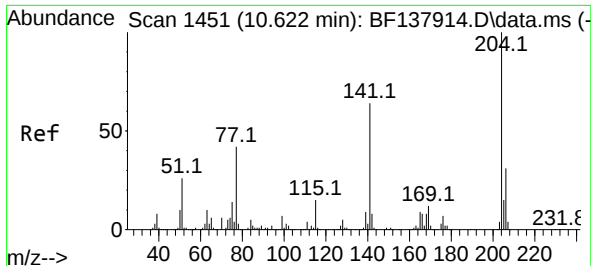
Tgt Ion:232 Resp: 259595
Ion Ratio Lower Upper
232 100
131 42.4 34.4 51.6
130 2.1 1.7 2.5
166 29.6 24.0 36.0



#60
Diethylphthalate
Concen: 47.649 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:149 Resp: 947310
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 13.1 10.1 15.1

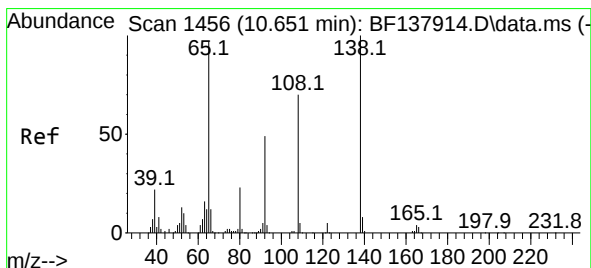
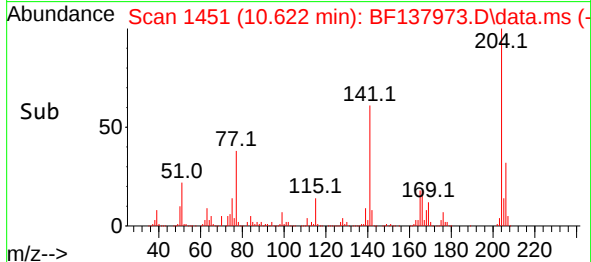
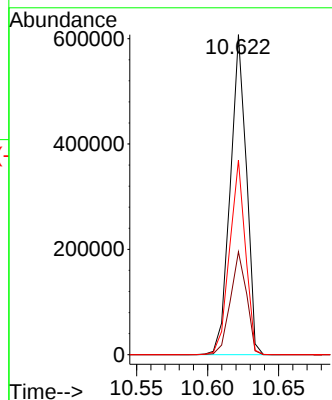
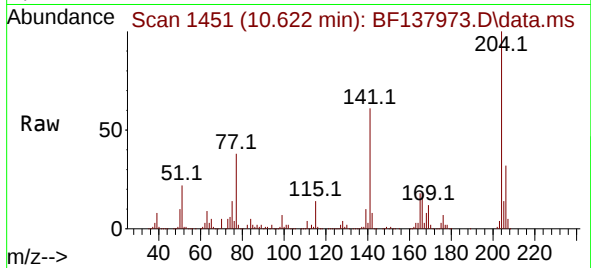




#61
4-Chlorophenyl-phenylether
Concen: 46.549 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

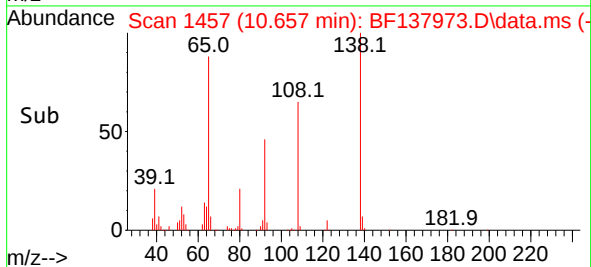
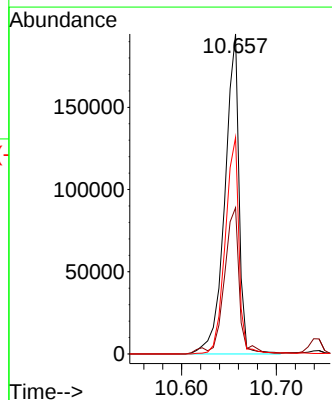
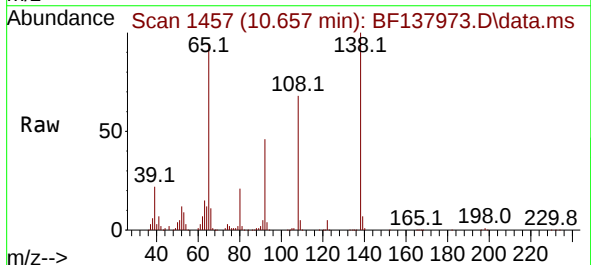
Instrument :
BNA_F
ClientSampleId :
PB160974BS

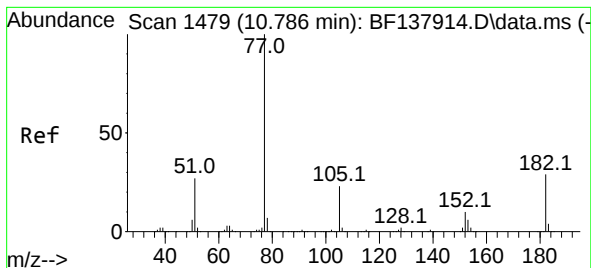
Tgt Ion:204 Resp: 477307
Ion Ratio Lower Upper
204 100
206 32.1 25.1 37.7
141 60.8 51.0 76.6



#62
4-Nitroaniline
Concen: 44.952 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:138 Resp: 203641
Ion Ratio Lower Upper
138 100
92 45.7 29.0 69.0
108 67.7 49.7 89.7





#63

Azobenzene

Concen: 47.496 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

Tgt Ion: 77 Resp: 858912

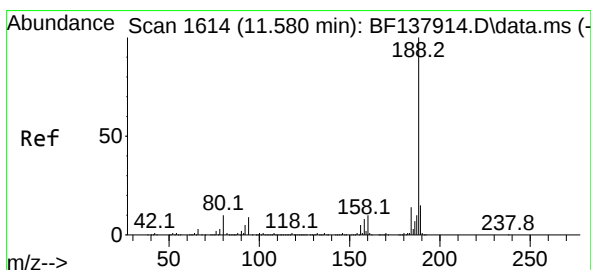
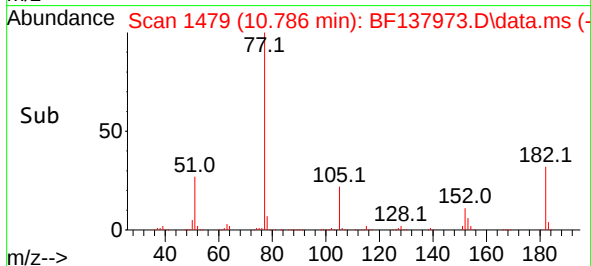
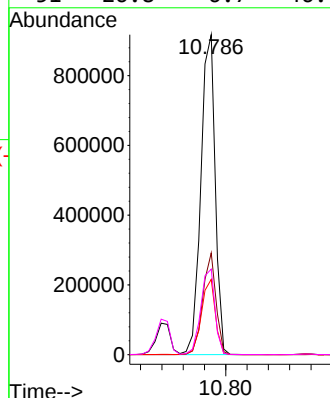
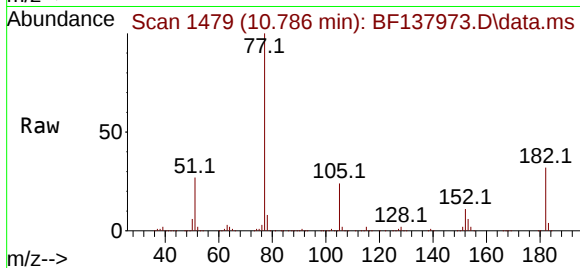
Ion Ratio Lower Upper

77 100

182 31.8 9.2 49.2

105 23.6 3.1 43.1

51 26.8 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

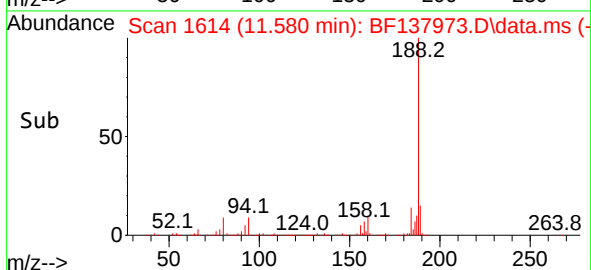
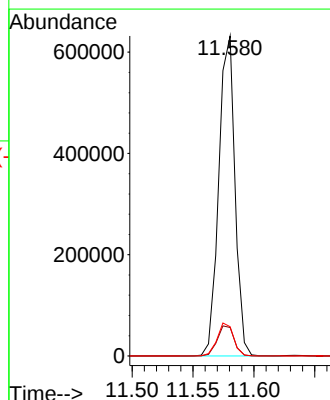
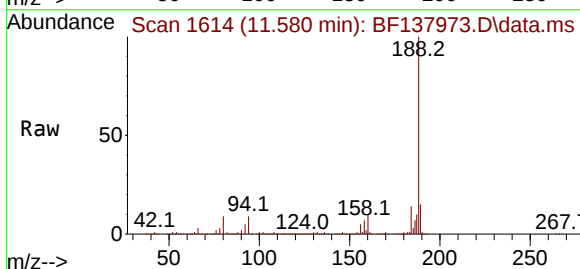
Tgt Ion: 188 Resp: 587011

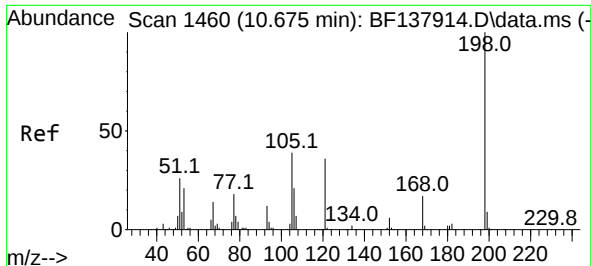
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 9.1 7.7 11.5

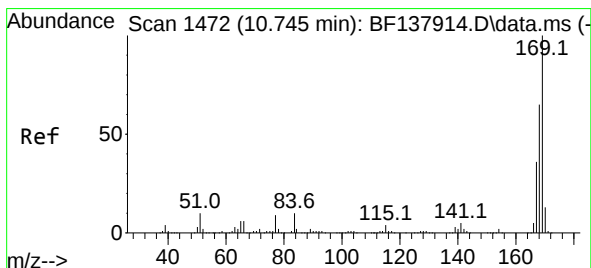
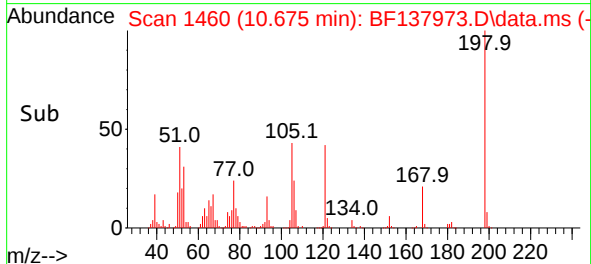
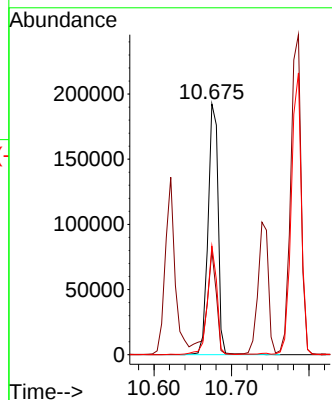
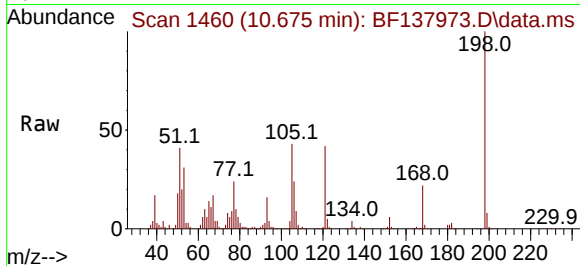




#65
4,6-Dinitro-2-methylphenol
Concen: 50.898 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

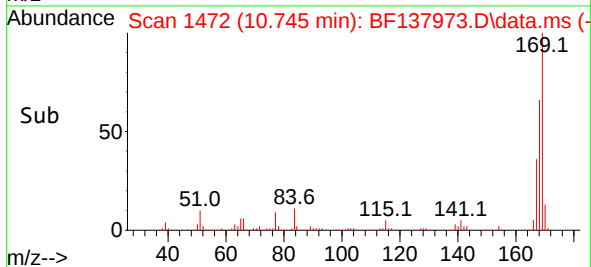
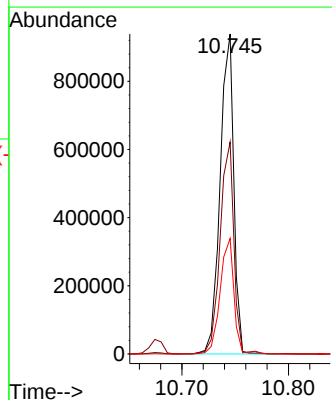
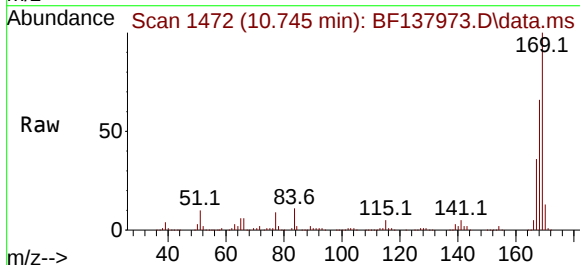
Instrument :
BNA_F
ClientSampleId :
PB160974BS

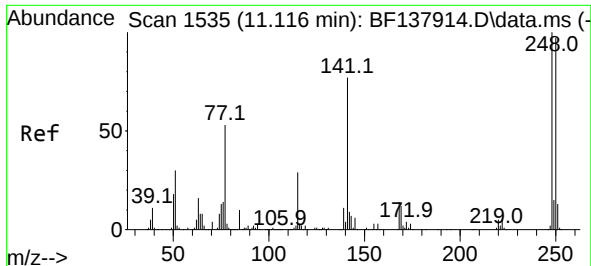
Tgt Ion:198 Resp: 172516
Ion Ratio Lower Upper
198 100
51 41.4 13.8 53.8
105 43.3 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 46.070 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:169 Resp: 829341
Ion Ratio Lower Upper
169 100
168 66.2 52.4 78.6
167 36.1 28.9 43.3

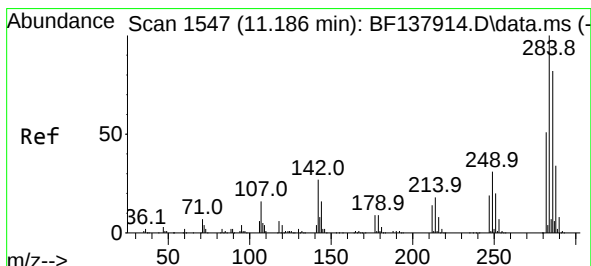
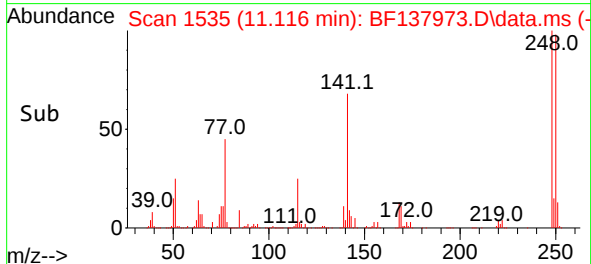
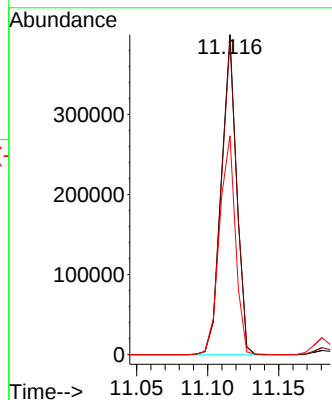
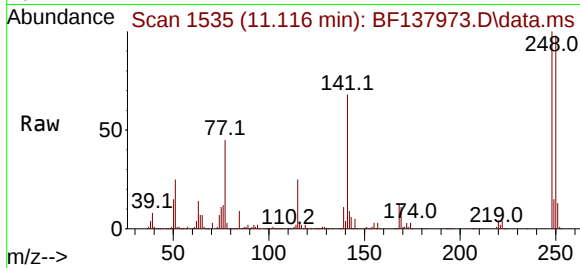




#67
4-Bromophenyl-phenylether
Concen: 46.565 ng
RT: 11.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

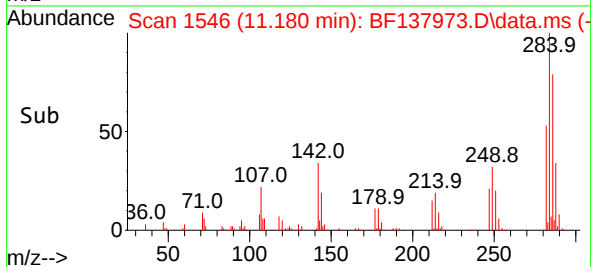
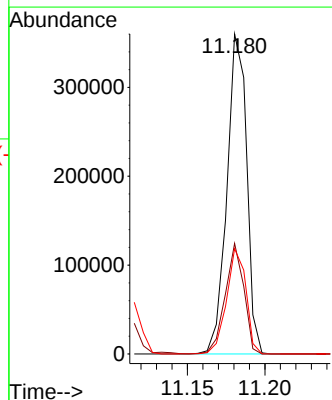
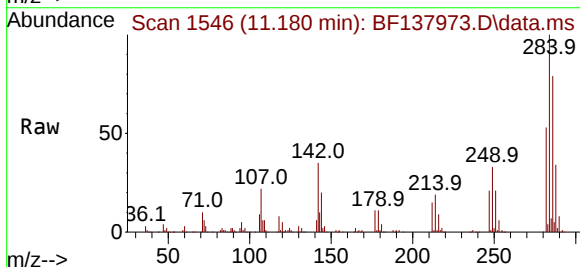
Instrument :
BNA_F
ClientSampleId :
PB160974BS

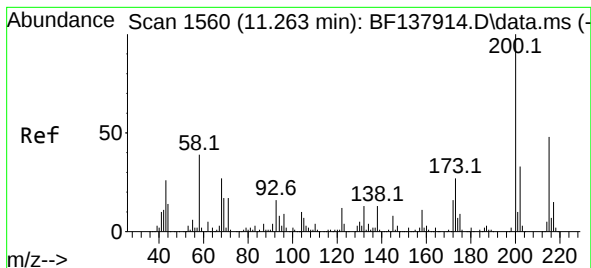
Tgt Ion:248 Resp: 299662
Ion Ratio Lower Upper
248 100
250 98.2 77.6 116.4
141 68.4 61.4 92.2



#68
Hexachlorobenzene
Concen: 44.880 ng
RT: 11.180 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:284 Resp: 319252
Ion Ratio Lower Upper
284 100
142 34.5 21.3 31.9#
249 32.9 24.6 37.0





#69

Atrazine

Concen: 57.755 ng

RT: 11.269 min Scan# 1560

Delta R.T. 0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

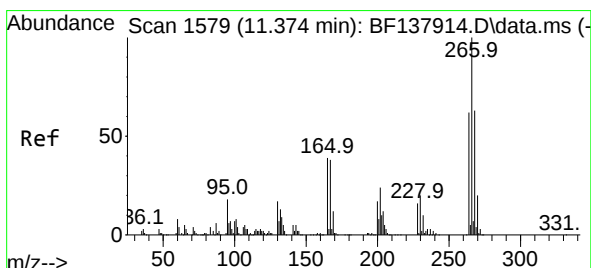
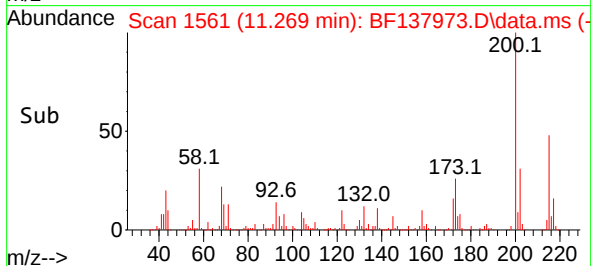
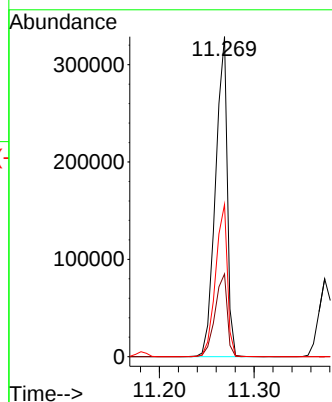
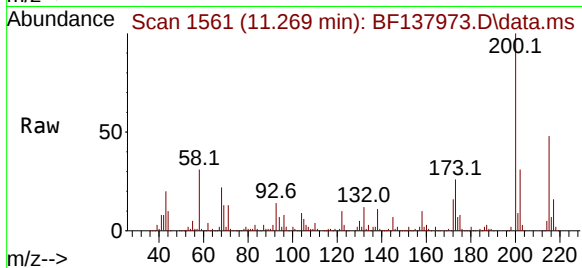
Tgt Ion:200 Resp: 283907

Ion Ratio Lower Upper

200 100

173 25.9 6.6 46.6

215 47.6 27.5 67.5



#70

Pentachlorophenol

Concen: 98.196 ng

RT: 11.375 min Scan# 1579

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

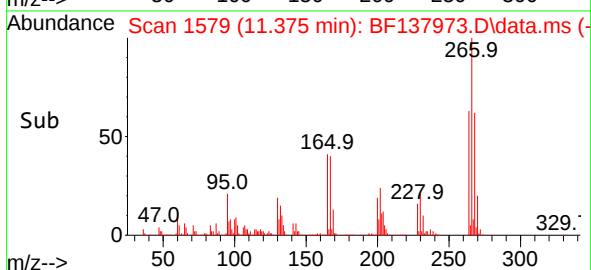
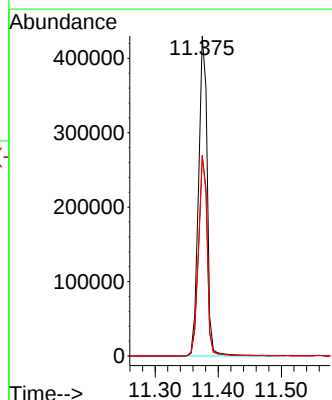
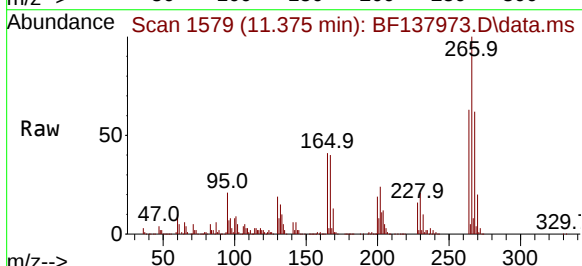
Tgt Ion:266 Resp: 409167

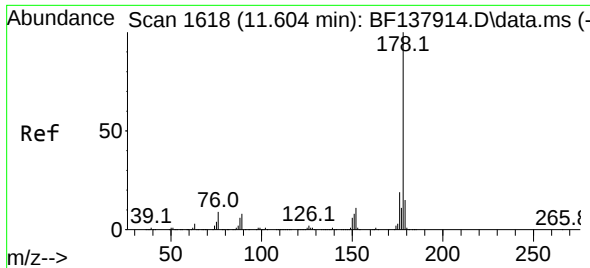
Ion Ratio Lower Upper

266 100

268 62.5 50.1 75.1

264 62.7 49.4 74.2

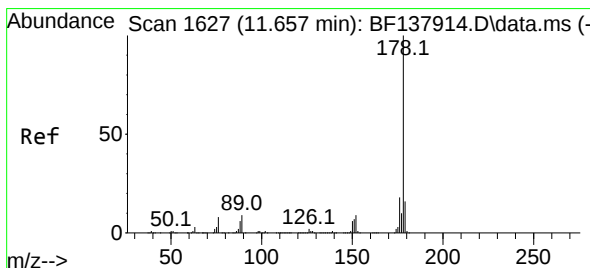
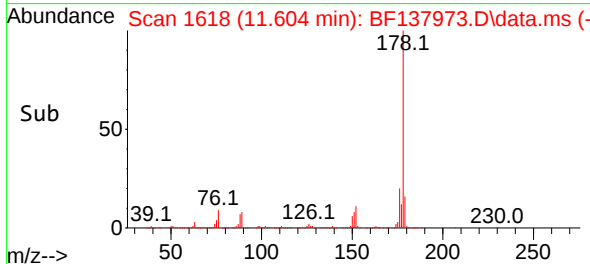
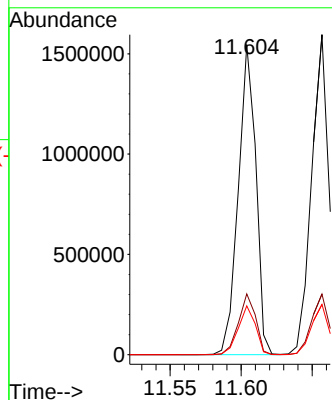
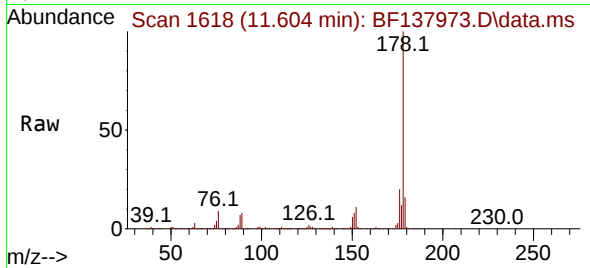




#71
Phenanthrene
Concen: 45.999 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

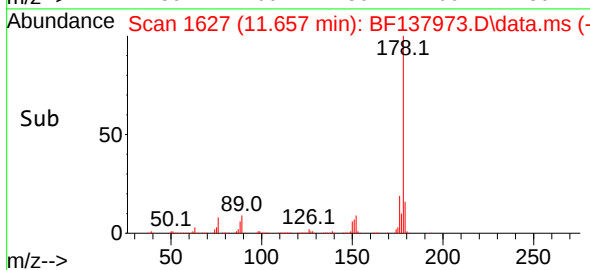
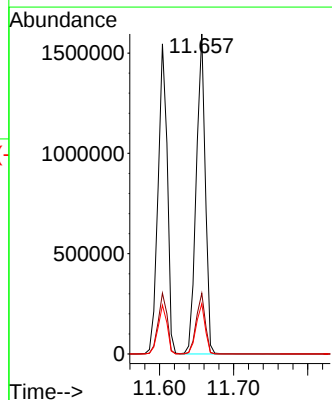
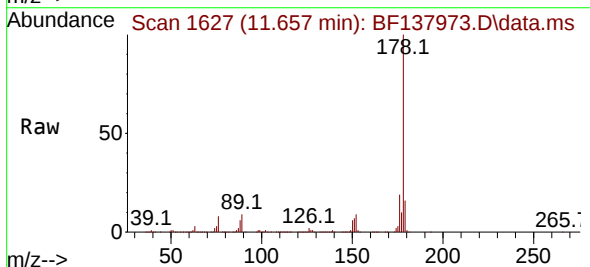
Instrument :
BNA_F
ClientSampleId :
PB160974BS

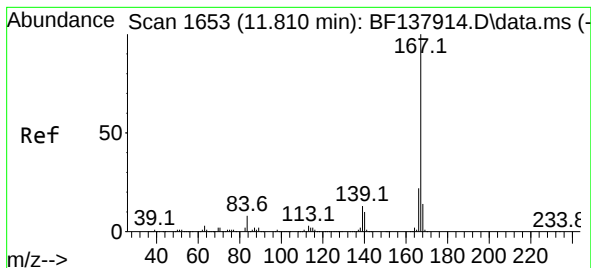
Tgt Ion:178 Resp: 1330616
Ion Ratio Lower Upper
178 100
176 19.6 15.2 22.8
179 15.8 12.2 18.4



#72
Anthracene
Concen: 46.932 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:178 Resp: 1347001
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.7 12.4 18.6





#73

Carbazole

Concen: 45.449 ng

RT: 11.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

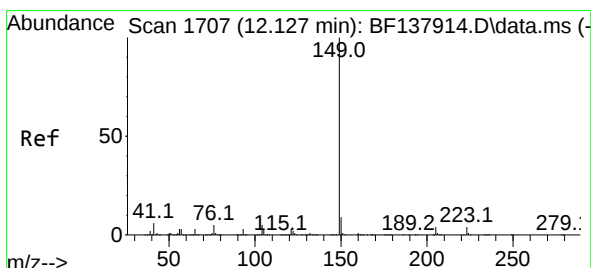
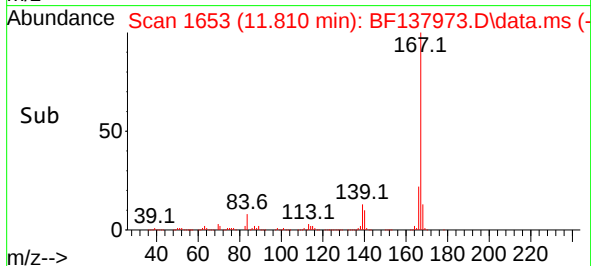
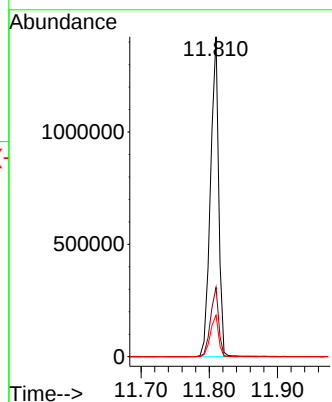
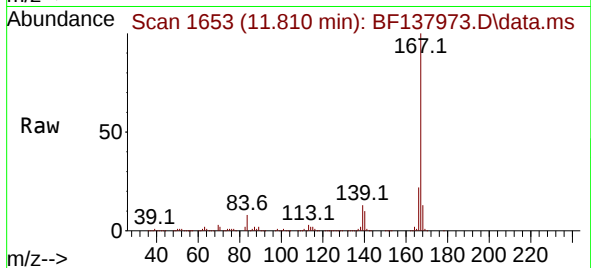
Tgt Ion:167 Resp: 1191599

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 50.118 ng

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

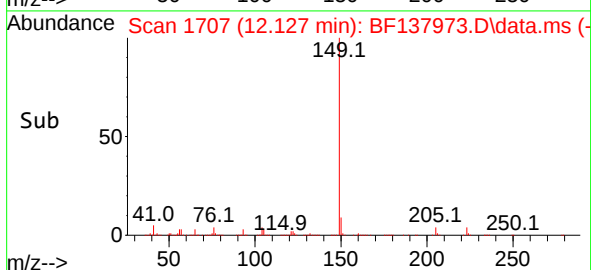
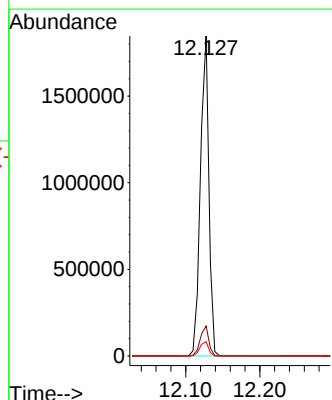
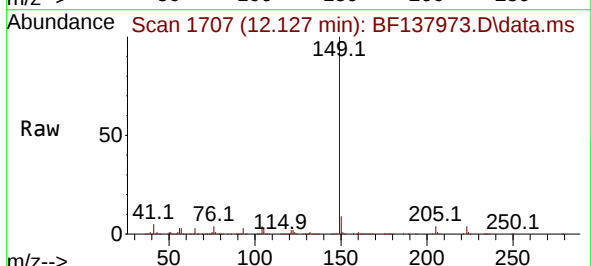
Tgt Ion:149 Resp: 1458267

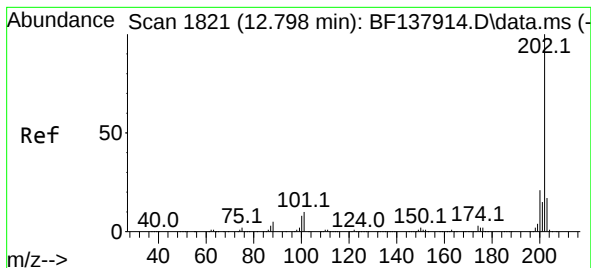
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 46.258 ng

RT: 12.798 min Scan# 1821

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

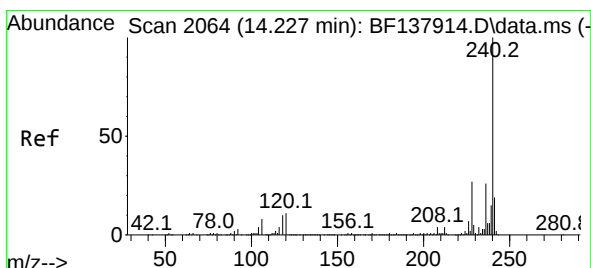
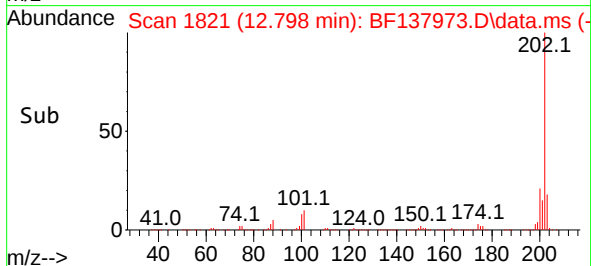
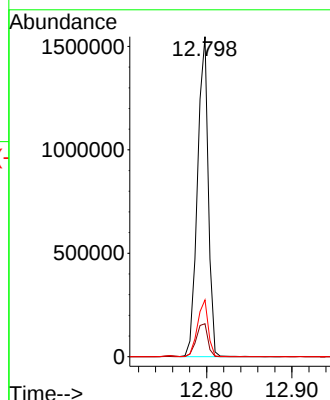
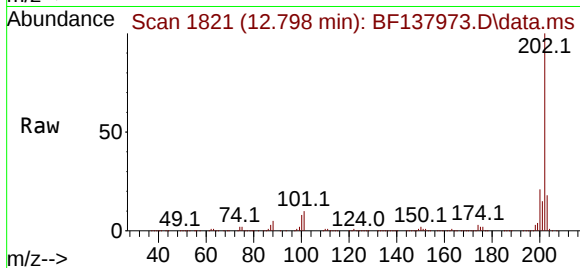
Tgt Ion:202 Resp: 1358210

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.5

203 17.7 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

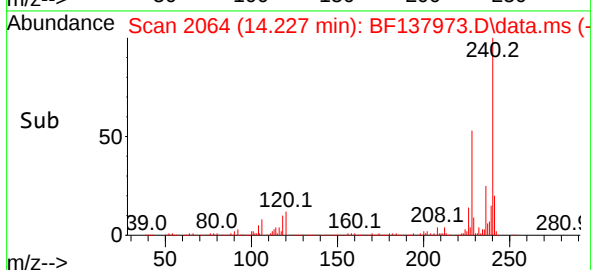
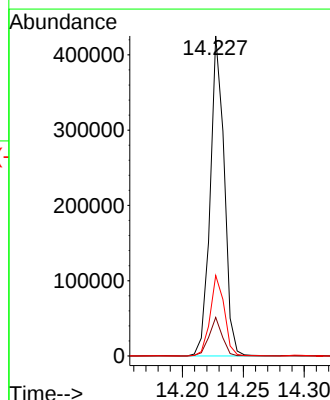
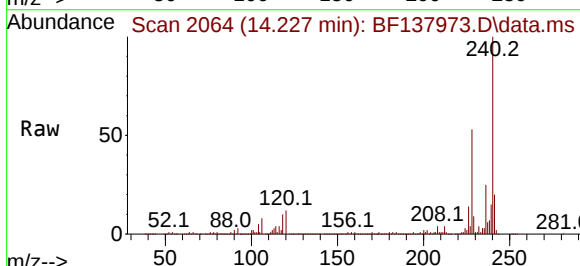
Tgt Ion:240 Resp: 339457

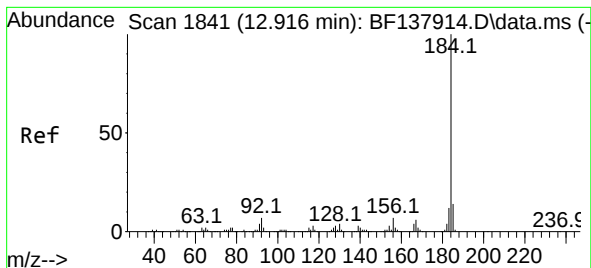
Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

236 25.2 21.0 31.4





#77

Benzidine

Concen: 12.712 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

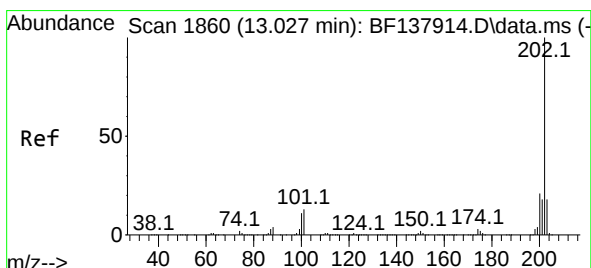
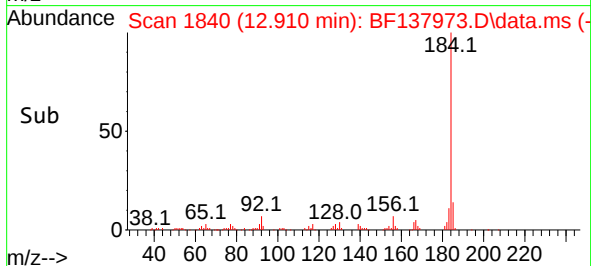
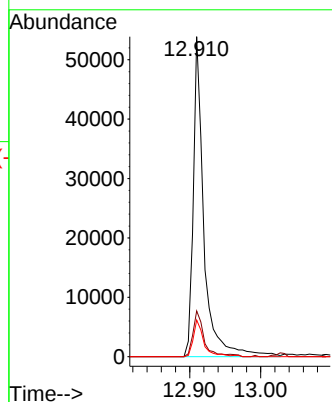
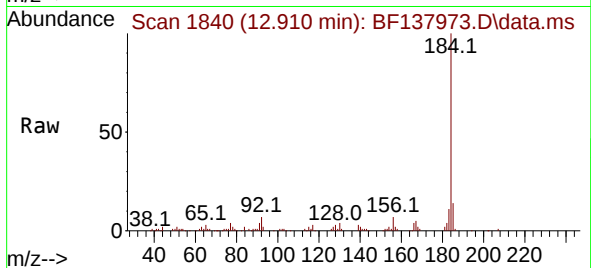
Tgt Ion:184 Resp: 56396

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.2

183 11.4 9.5 14.3



#78

Pyrene

Concen: 46.174 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

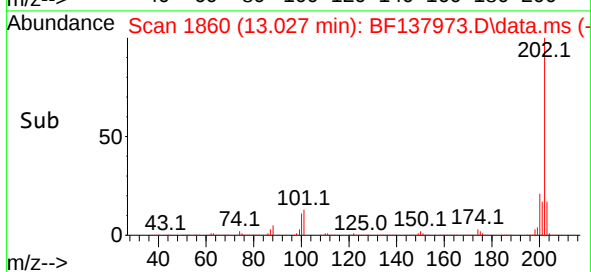
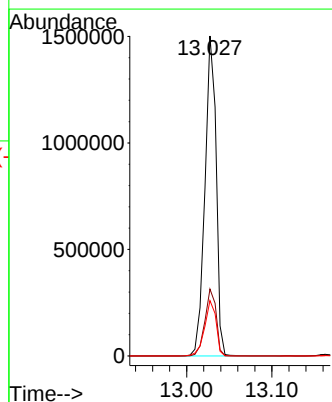
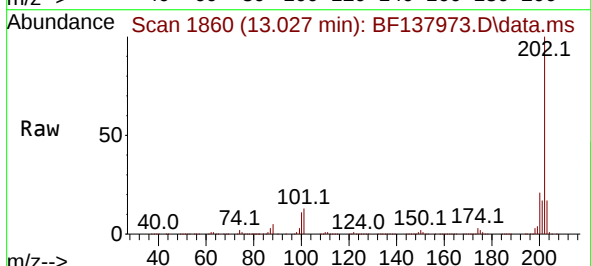
Tgt Ion:202 Resp: 1370925

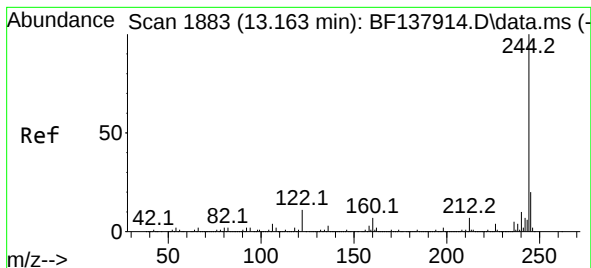
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 88.900 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

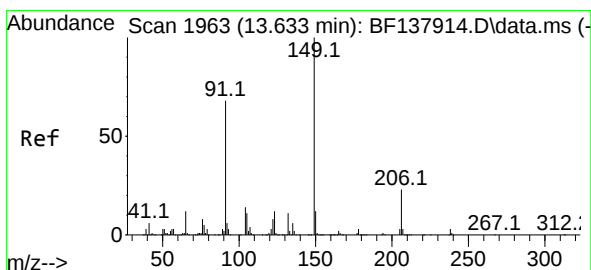
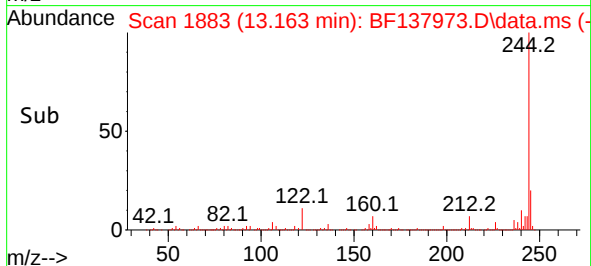
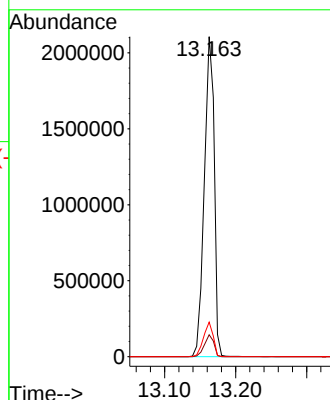
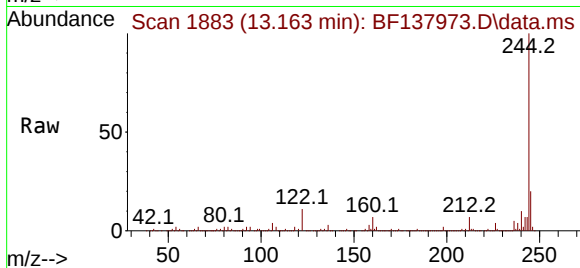
Tgt Ion:244 Resp: 2047624

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.8 8.8 13.2



#80

Butylbenzylphthalate

Concen: 54.517 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

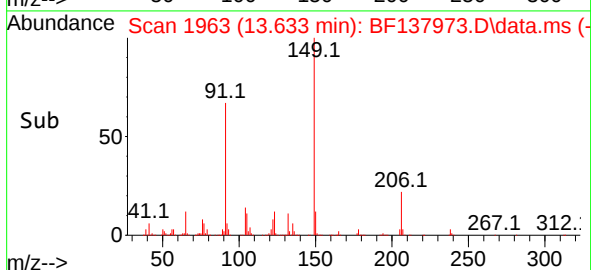
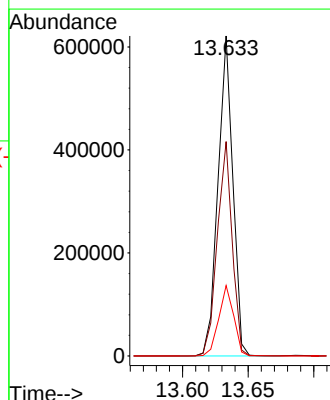
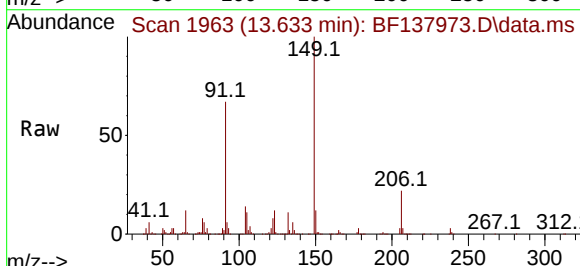
Tgt Ion:149 Resp: 488223

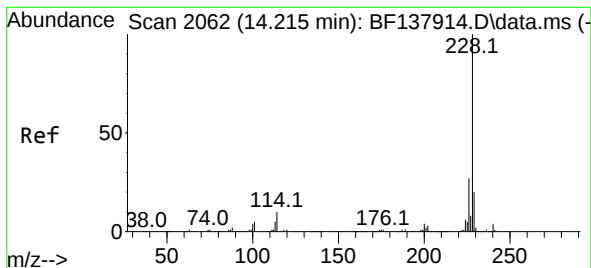
Ion Ratio Lower Upper

149 100

91 67.0 54.2 81.4

206 22.0 18.1 27.1





#81

Benzo(a)anthracene

Concen: 48.352 ng

RT: 14.216 min Scan# 2062

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

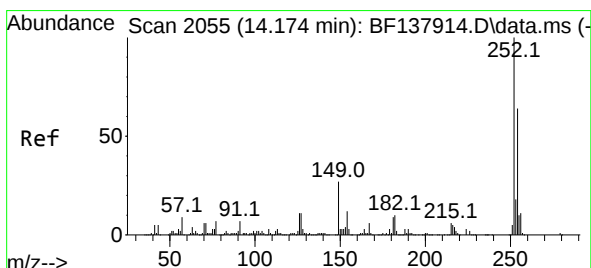
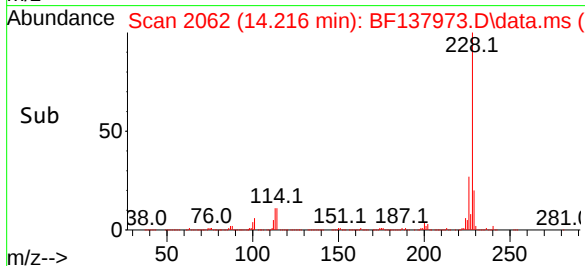
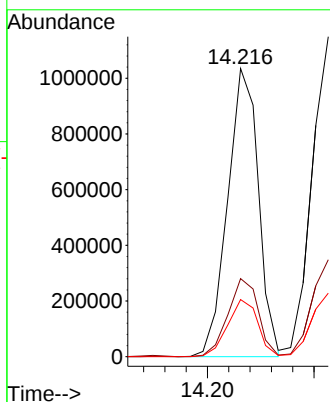
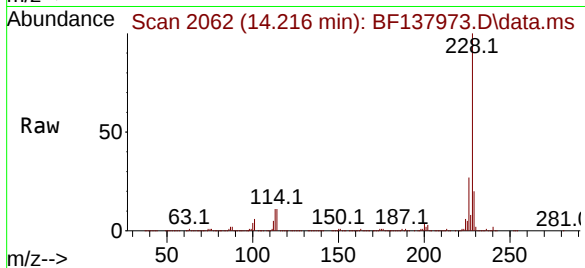
Tgt Ion:228 Resp: 1038407

Ion Ratio Lower Upper

228 100

226 27.1 21.3 31.9

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 35.091 ng

RT: 14.174 min Scan# 2055

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

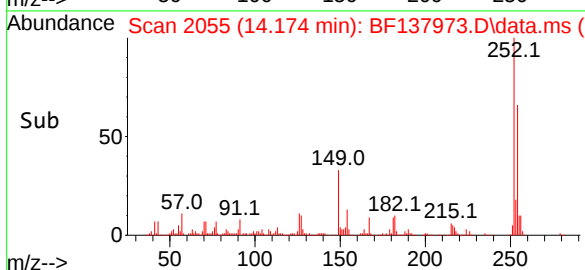
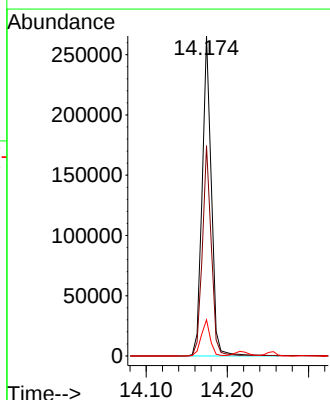
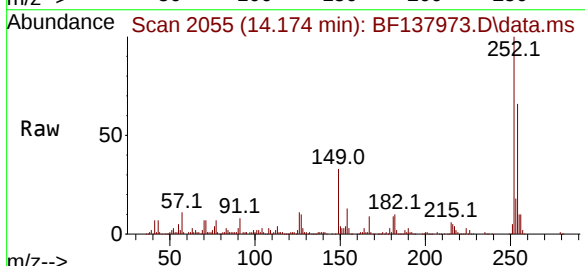
Tgt Ion:252 Resp: 208848

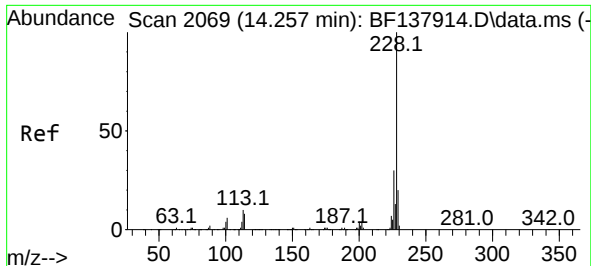
Ion Ratio Lower Upper

252 100

254 65.7 51.2 76.8

126 11.3 8.7 13.1

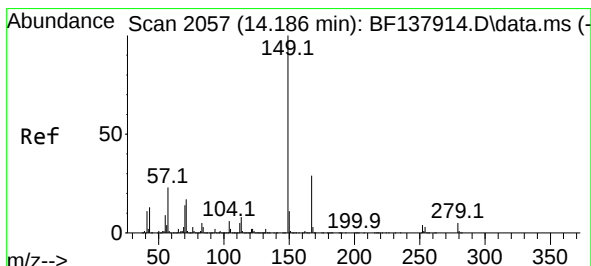
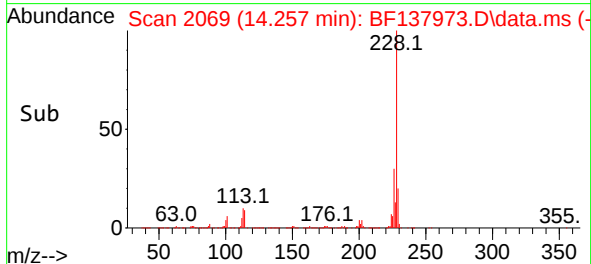
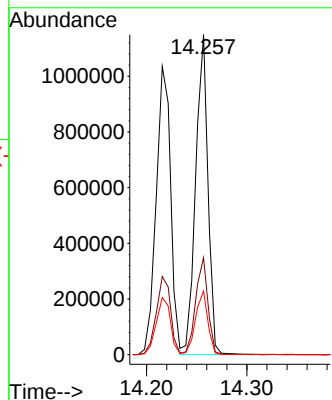
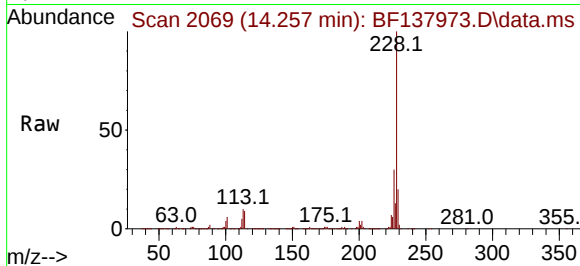




#83
Chrysene
Concen: 47.554 ng
RT: 14.257 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

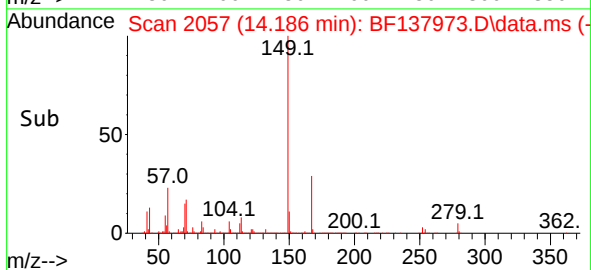
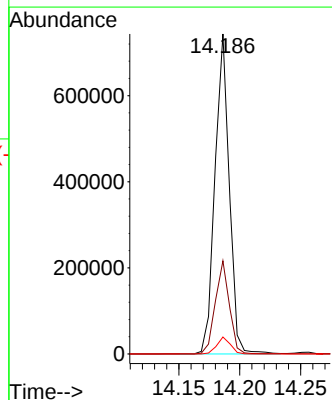
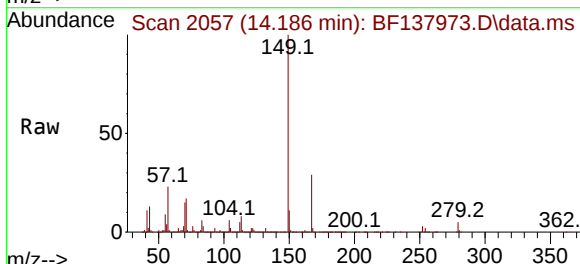
Instrument :
BNA_F
ClientSampleId :
PB160974BS

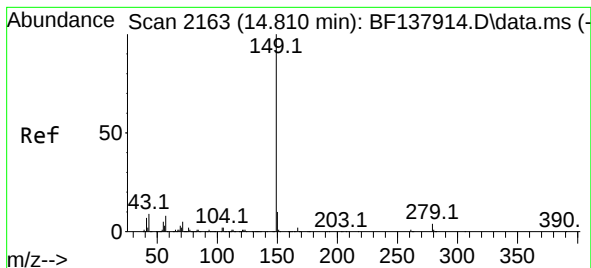
Tgt Ion:228 Resp: 976716
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 19.9 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.856 ng
RT: 14.186 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:149 Resp: 606287
Ion Ratio Lower Upper
149 100
167 29.1 23.2 34.8
279 5.3 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 57.880 ng

RT: 14.815 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

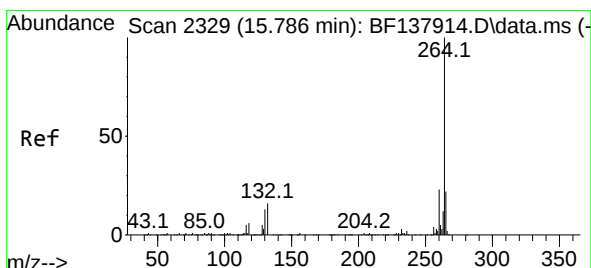
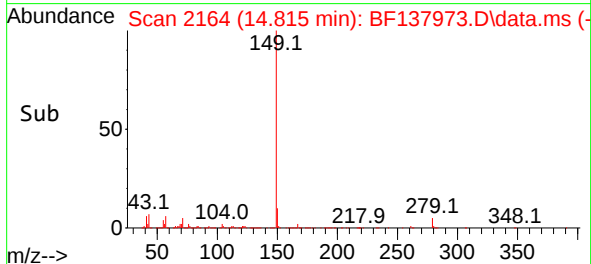
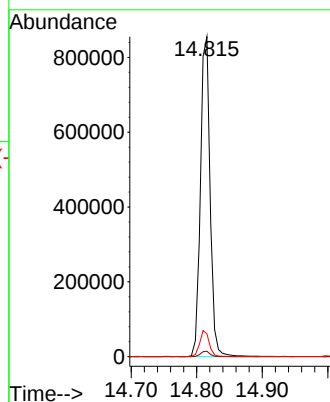
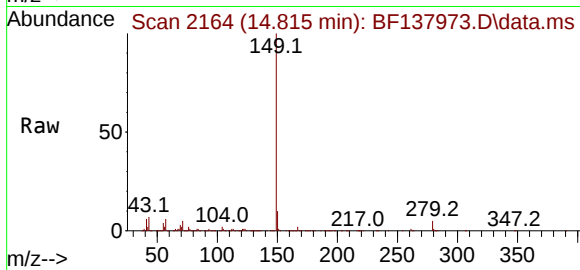
Tgt Ion:149 Resp: 880249

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 8.1 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

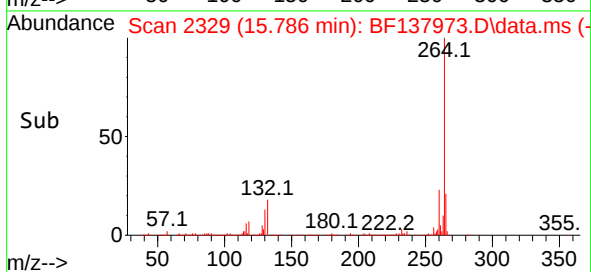
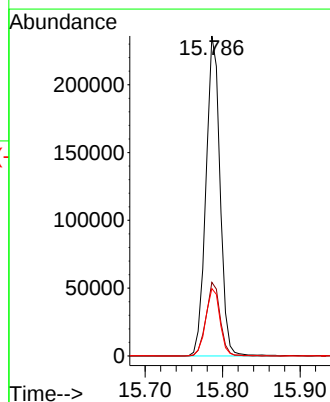
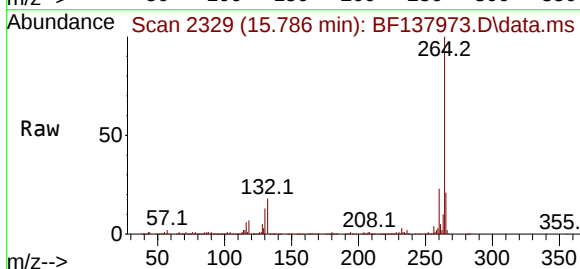
Tgt Ion:264 Resp: 297414

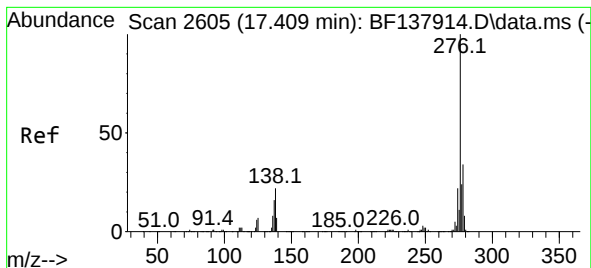
Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 21.0 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.703 ng

RT: 17.421 min Scan# 2

Delta R.T. 0.012 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

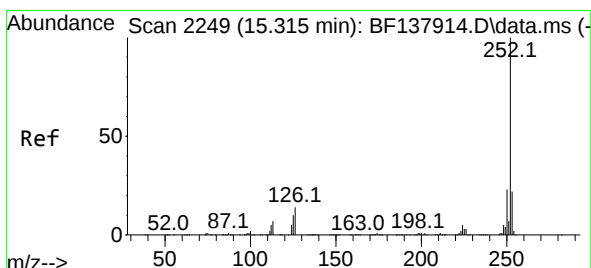
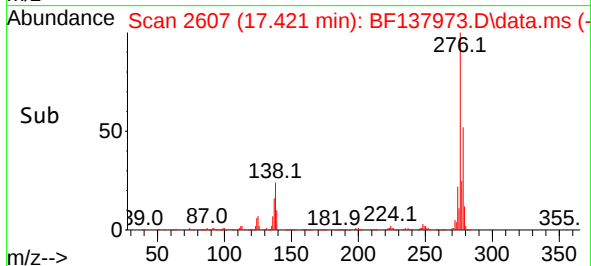
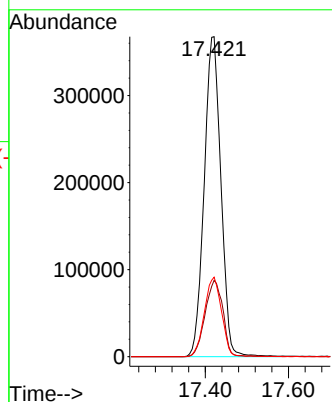
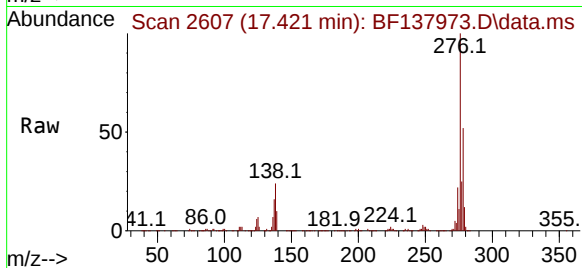
Tgt Ion:276 Resp: 1026147

Ion Ratio Lower Upper

276 100

138 25.4 20.6 30.8

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.955 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.006 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

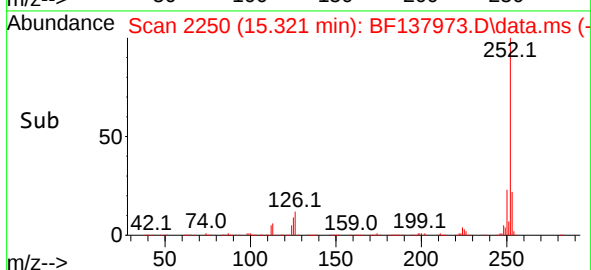
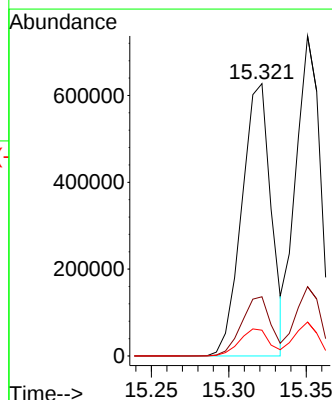
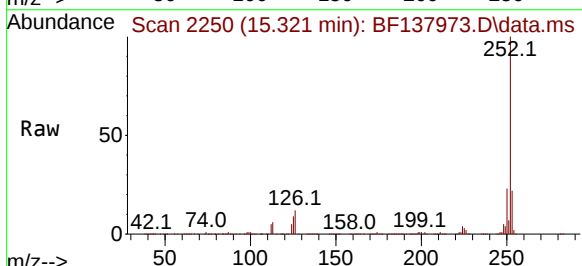
Tgt Ion:252 Resp: 825805

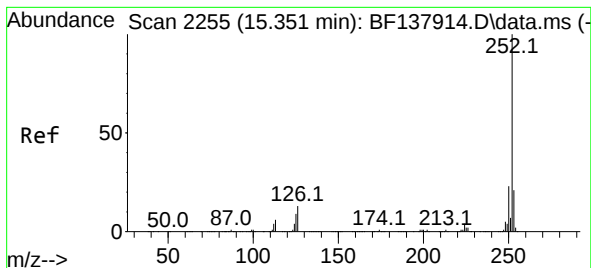
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 9.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 48.527 ng

RT: 15.351 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB160974BS

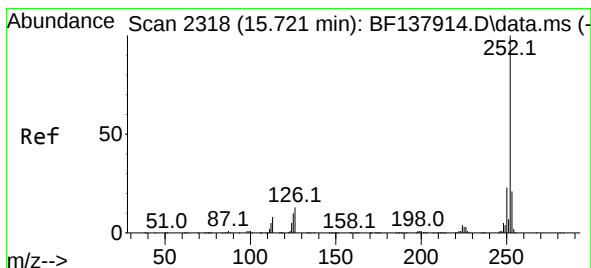
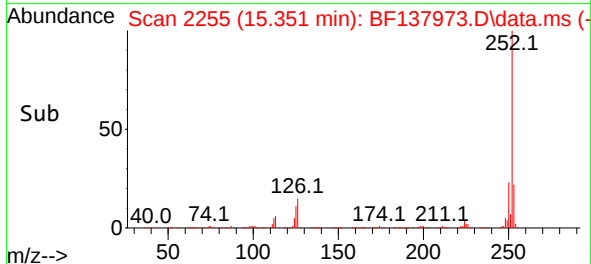
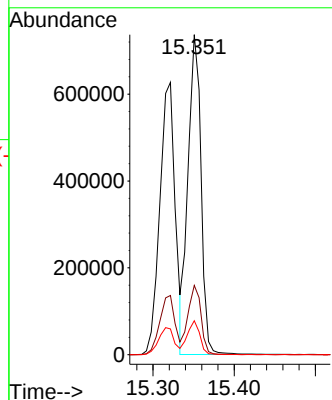
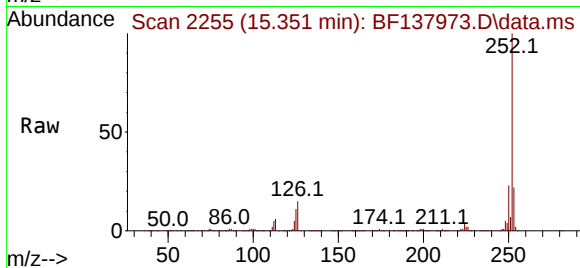
Tgt Ion:252 Resp: 820959

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.6 7.7 11.5



#90

Benzo(a)pyrene

Concen: 51.523 ng

RT: 15.721 min Scan# 2318

Delta R.T. 0.000 min

Lab File: BF137973.D

Acq: 21 May 2024 12:22

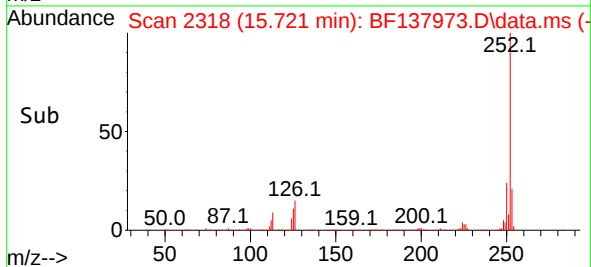
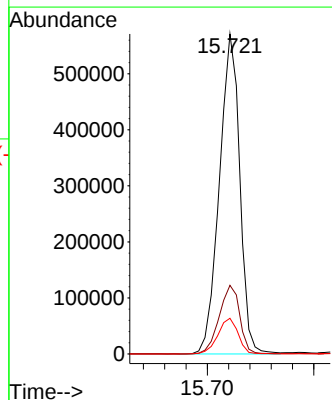
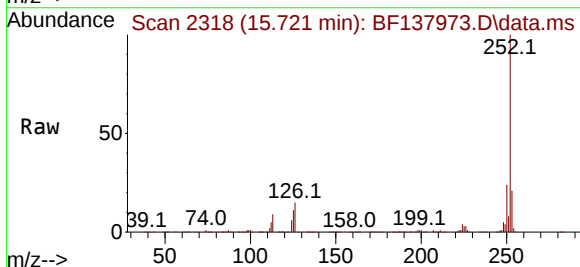
Tgt Ion:252 Resp: 757627

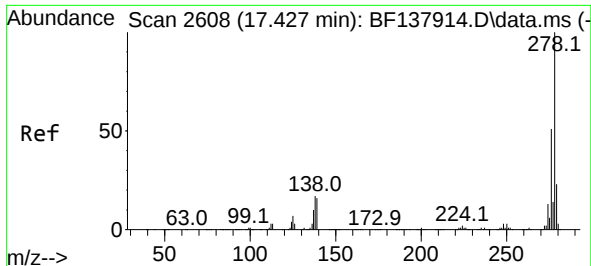
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 11.2 7.8 11.8

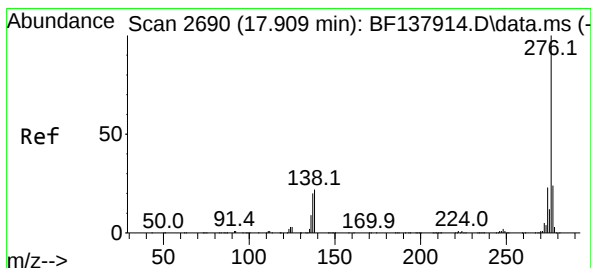
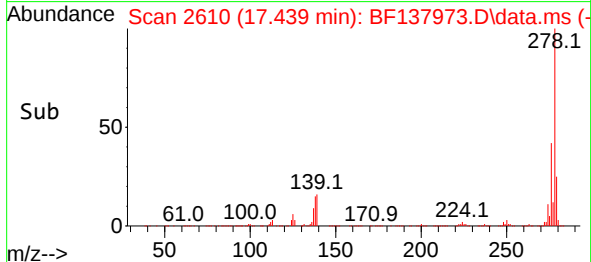
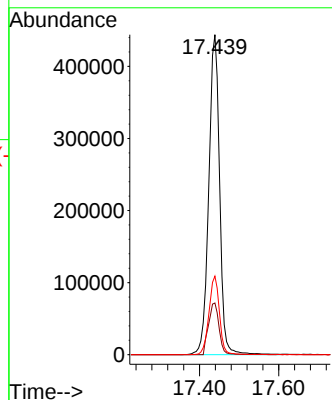
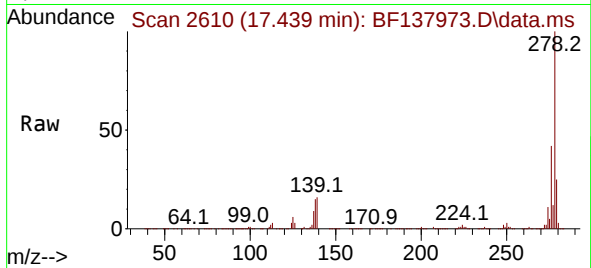




#91
Dibenzo(a,h)anthracene
Concen: 53.418 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.012 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Instrument :
BNA_F
ClientSampleId :
PB160974BS

Tgt Ion:278 Resp: 843322
Ion Ratio Lower Upper
278 100
139 16.2 13.1 19.7
279 24.5 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 48.956 ng
RT: 17.915 min Scan# 2691
Delta R.T. 0.006 min
Lab File: BF137973.D
Acq: 21 May 2024 12:22

Tgt Ion:276 Resp: 811915
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 22.6 17.6 26.4

