

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF137999.D
 Acq On : 22 May 2024 11:44
 Operator : CG\JU
 Sample : PB161028BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161028BS

Quant Time: May 22 12:12:37 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	158190	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	617430	20.000	ng	-0.01
39) Acenaphthene-d10	10.086	164	353016	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	614670	20.000	ng	0.00
76) Chrysene-d12	14.227	240	365439	20.000	ng	0.00
86) Perylene-d12	15.786	264	301176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1115146	119.744	ng	0.00
7) Phenol-d6	6.657	99	1369842	119.410	ng	0.00
23) Nitrobenzene-d5	7.598	82	839611	80.028	ng	-0.01
42) 2,4,6-Tribromophenol	10.881	330	482070	135.434	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1812055	79.069	ng	0.00
79) Terphenyl-d14	13.169	244	2100560	84.715	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.040	88	136302	33.785	ng	99
3) Pyridine	3.781	79	336538	37.177	ng	99
4) n-Nitrosodimethylamine	3.746	42	167595	41.968	ng	93
6) Aniline	6.698	93	354789	34.577	ng	99
8) 2-Chlorophenol	6.816	128	450508	44.701	ng	98
9) Benzaldehyde	6.593	77	365239	58.847	ng	97
10) Phenol	6.669	94	504558	43.575	ng	98
11) bis(2-Chloroethyl)ether	6.769	93	391607	44.047	ng	97
12) 1,3-Dichlorobenzene	6.975	146	470495	40.349	ng	98
13) 1,4-Dichlorobenzene	7.051	146	482028	41.184	ng	99
14) 1,2-Dichlorobenzene	7.204	146	463858	42.109	ng	98
15) Benzyl Alcohol	7.175	79	358769	46.835	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.298	45	489518	44.792	ng	98
17) 2-Methylphenol	7.275	107	350481	43.607	ng	99
18) Hexachloroethane	7.545	117	164870	41.627	ng	98
19) n-Nitroso-di-n-propyla...	7.445	70	286643	44.475	ng	97
20) 3+4-Methylphenols	7.428	107	454516	43.167	ng	95
22) Acetophenone	7.445	105	598661	43.282	ng	99
24) Nitrobenzene	7.616	77	433633	40.743	ng	96
25) Isophorone	7.851	82	806173	44.274	ng	99
26) 2-Nitrophenol	7.934	139	244796	45.774	ng	96
27) 2,4-Dimethylphenol	7.957	122	327045	47.499	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	489729	44.376	ng	98
29) 2,4-Dichlorophenol	8.169	162	385790	44.557	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	404627	41.856	ng	100
31) Naphthalene	8.339	128	1312937	42.292	ng	100
32) Benzoic acid	8.081	122	286223	49.176	ng	99
33) 4-Chloroaniline	8.381	127	183883	18.068	ng	100
34) Hexachlorobutadiene	8.451	225	249482	40.772	ng	100
35) Caprolactam	8.763	113	75055	29.921	ng	96
36) 4-Chloro-3-methylphenol	8.863	107	403255	45.784	ng	100
37) 2-Methylnaphthalene	9.034	142	868272	43.511	ng	98
38) 1-Methylnaphthalene	9.134	142	801655	40.863	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	413738	43.110	ng	99
41) Hexachlorocyclopentadiene	9.187	237	444788	121.971	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	289769	46.049	ng	99

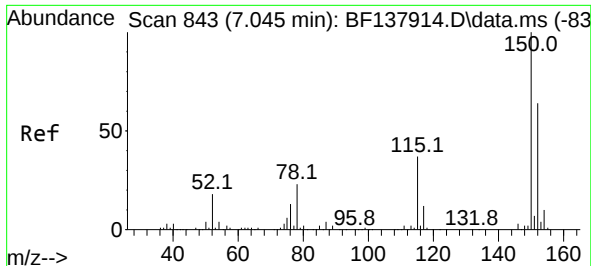
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 QLast Update : Wed May 15 04:12:16 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	303244	44.043	ng	98
46) 1,1'-Biphenyl	9.498	154	1063712	42.961	ng	99
47) 2-Chloronaphthalene	9.528	162	823975	41.688	ng	98
48) 2-Nitroaniline	9.622	65	226411	44.733	ng	97
49) Acenaphthylene	9.945	152	1318758	46.403	ng	98
50) Dimethylphthalate	9.798	163	1009381	45.597	ng	100
51) 2,6-Dinitrotoluene	9.863	165	224644	44.215	ng	96
52) Acenaphthene	10.122	154	894015	47.595	ng	98
53) 3-Nitroaniline	10.034	138	161826	32.581	ng	95
54) 2,4-Dinitrophenol	10.139	184	255333	91.889	ng #	87
55) Dibenzofuran	10.292	168	1184807	43.341	ng	100
56) 4-Nitrophenol	10.192	139	351686	98.583	ng	93
57) 2,4-Dinitrotoluene	10.269	165	308054	46.901	ng	91
58) Fluorene	10.633	166	943280	43.625	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	261056	48.264	ng	98
60) Diethylphthalate	10.498	149	947284	45.819	ng	100
61) 4-Chlorophenyl-phenyle...	10.622	204	469852	44.063	ng	97
62) 4-Nitroaniline	10.657	138	205783	43.681	ng	99
63) Azobenzene	10.786	77	855424	45.488	ng	98
65) 4,6-Dinitro-2-methylph...	10.681	198	179488	50.572	ng	94
66) n-Nitrosodiphenylamine	10.745	169	822146	43.615	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	298585	44.310	ng	97
68) Hexachlorobenzene	11.181	284	323888	43.483	ng #	91
69) Atrazine	11.269	200	283369	55.052	ng	99
70) Pentachlorophenol	11.380	266	398147	91.251	ng	100
71) Phenanthrene	11.604	178	1335129	44.078	ng	100
72) Anthracene	11.657	178	1337431	44.502	ng	99
73) Carbazole	11.810	167	1206118	43.933	ng	100
74) Di-n-butylphthalate	12.128	149	1462925	48.015	ng	100
75) Fluoranthene	12.798	202	1366847	44.457	ng	99
77) Benzidine	12.910	184	101992	21.356	ng	99
78) Pyrene	13.027	202	1379363	43.155	ng	100
80) Butylbenzylphthalate	13.633	149	505931	52.478	ng	98
81) Benzo(a)anthracene	14.216	228	1079721	46.701	ng	100
82) 3,3'-Dichlorobenzidine	14.174	252	208221	32.498	ng	99
83) Chrysene	14.257	228	997697	45.122	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	638870	52.716	ng	98
85) Di-n-octyl phthalate	14.810	149	884832	54.044	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	929169	48.020	ng	99
88) Benzo(b)fluoranthene	15.321	252	836084	47.945	ng	99
89) Benzo(k)fluoranthene	15.351	252	850914	49.670	ng	99
90) Benzo(a)pyrene	15.721	252	752870	50.560	ng	98
91) Dibenzo(a,h)anthracene	17.439	278	774919	48.472	ng	99
92) Benzo(g,h,i)perylene	17.921	276	732361	43.608	ng	98

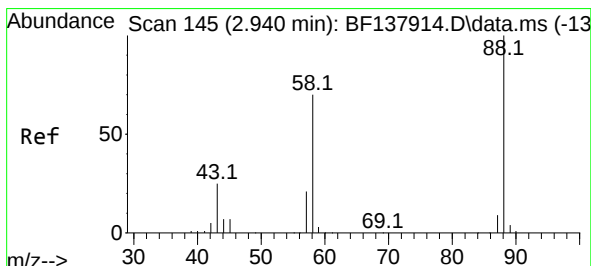
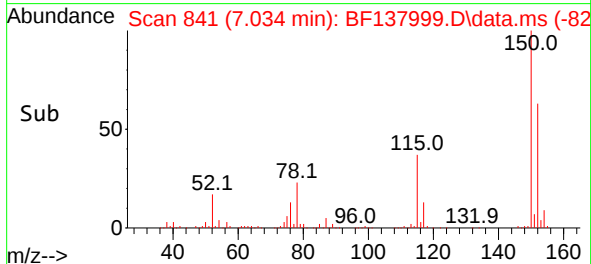
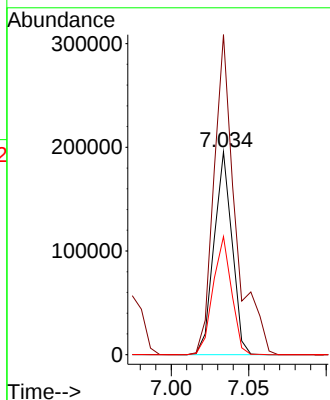
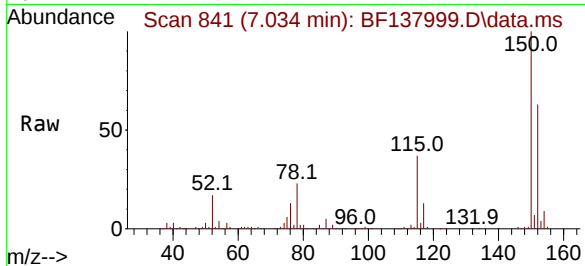
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.034 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BF137999.D
 Acq: 22 May 2024 11:44

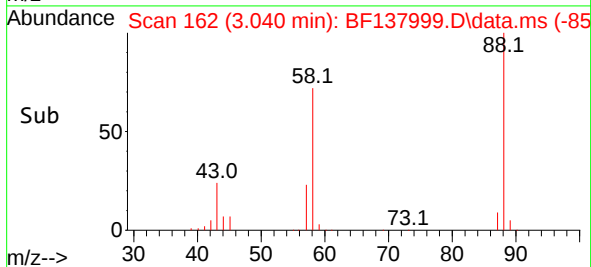
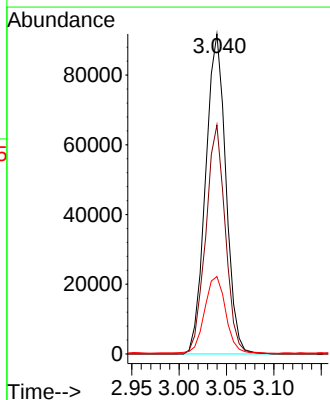
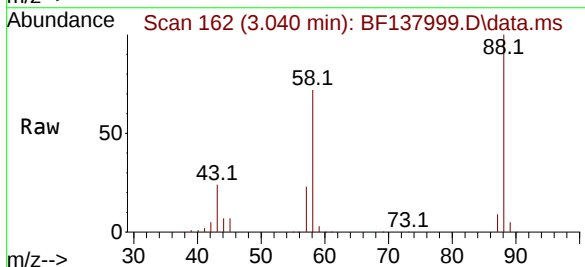
Instrument :
 BNA_F
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 PB161028BS

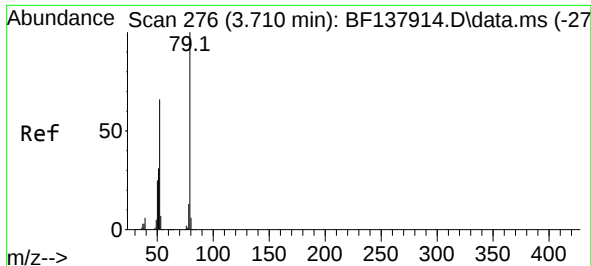
Tgt Ion:152 Resp: 158190
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.7 188.5
 115 58.2 47.0 70.6



#2
 1,4-Dioxane
 Concen: 33.785 ng
 RT: 3.040 min Scan# 162
 Delta R.T. 0.100 min
 Lab File: BF137999.D
 Acq: 22 May 2024 11:44

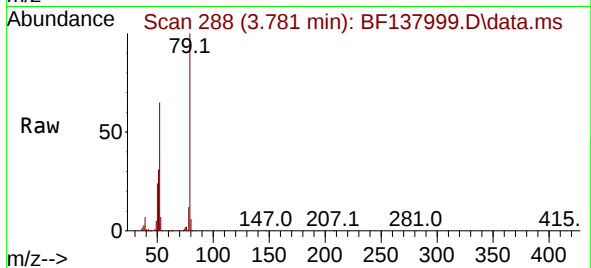
Tgt Ion: 88 Resp: 136302
 Ion Ratio Lower Upper
 88 100
 58 69.1 54.4 81.6
 43 25.2 19.6 29.4



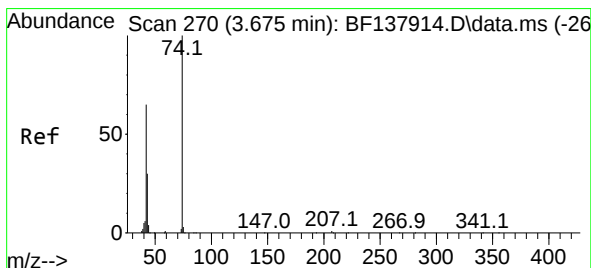
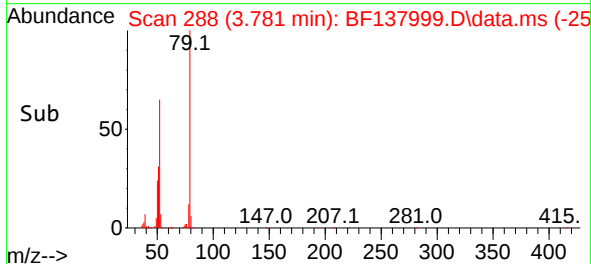
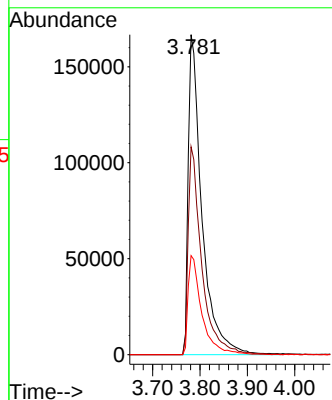


#3
Pyridine
Concen: 37.177 ng
RT: 3.781 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Instrument :
BNA_F
ClientSampleId :
PB161028BS

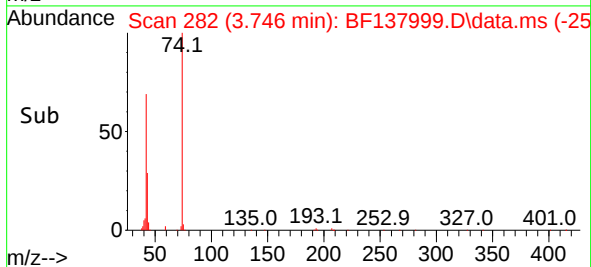
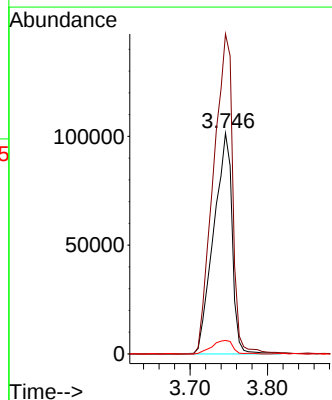
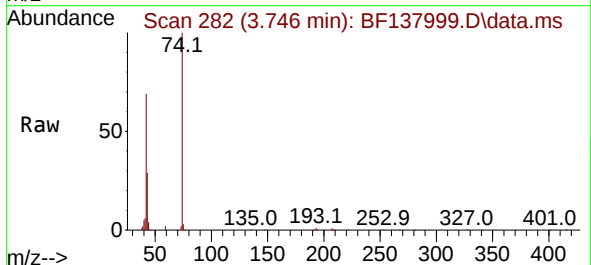


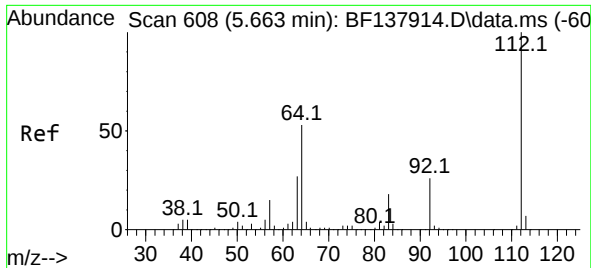
Tgt Ion: 79 Resp: 336538
Ion Ratio Lower Upper
79 100
52 64.9 52.5 78.7
51 30.9 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 41.968 ng
RT: 3.746 min Scan# 282
Delta R.T. 0.071 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion: 42 Resp: 167595
Ion Ratio Lower Upper
42 100
74 144.9 123.1 184.7
44 6.2 5.0 7.6

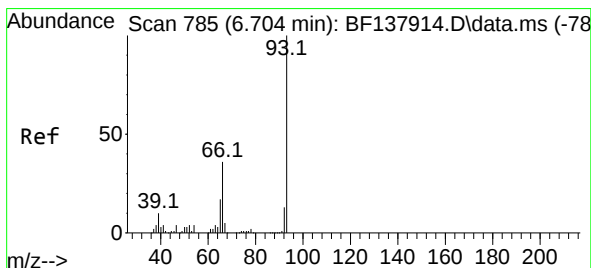
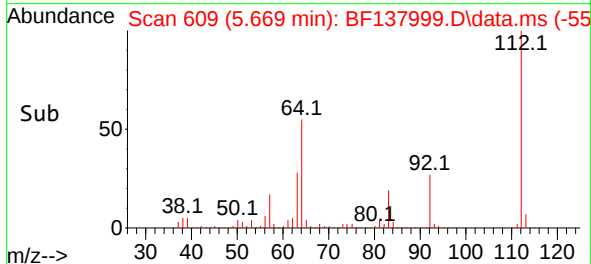
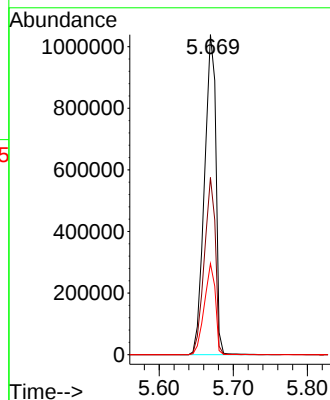
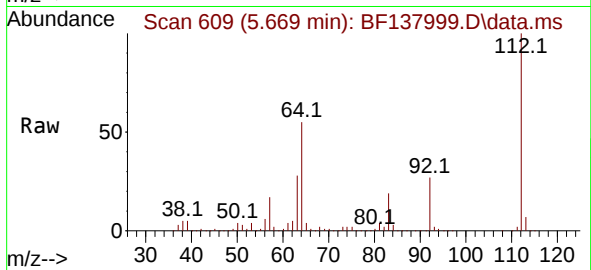




#5
2-Fluorophenol
Concen: 119.744 ng
RT: 5.669 min Scan# 608
Delta R.T. 0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

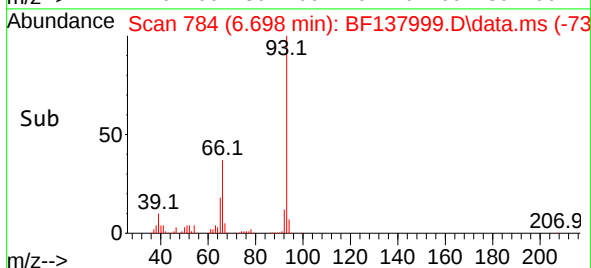
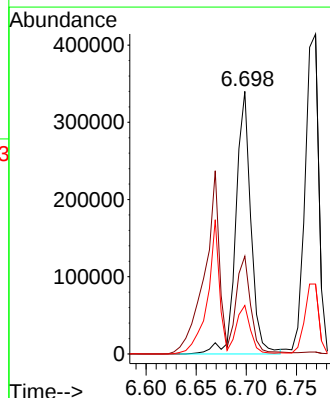
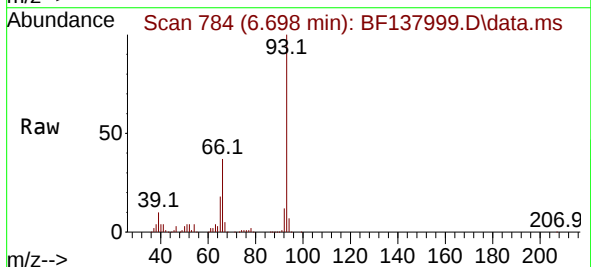
Instrument :
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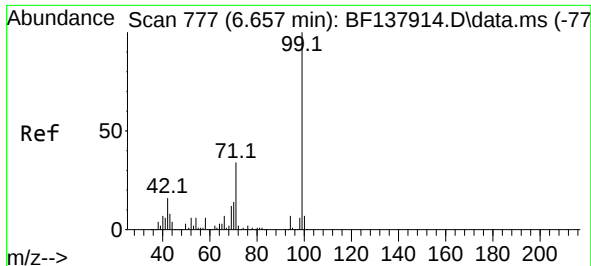
Tgt Ion:112 Resp: 1115146
Ion Ratio Lower Upper
112 100
64 55.4 42.4 63.6
63 28.5 21.4 32.2



#6
Aniline
Concen: 34.577 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion: 93 Resp: 354789
Ion Ratio Lower Upper
93 100
66 37.2 30.7 46.1
65 18.5 15.0 22.4



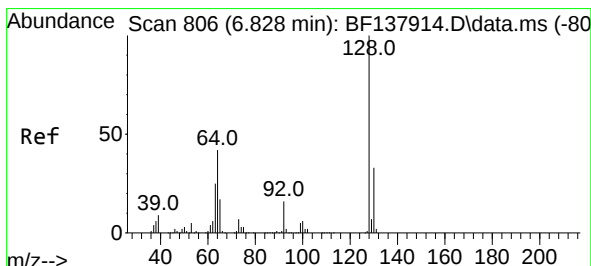
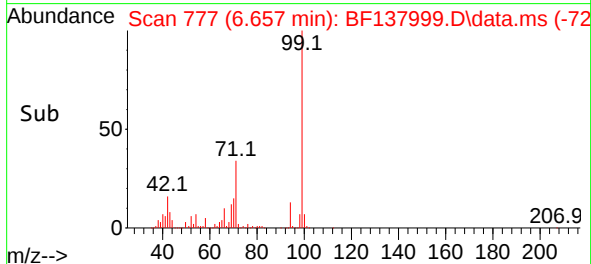
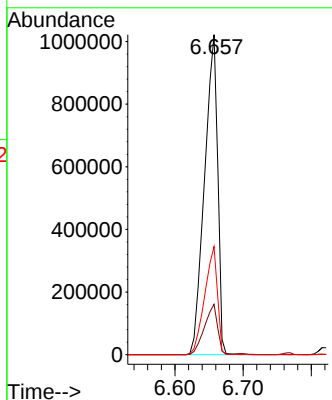
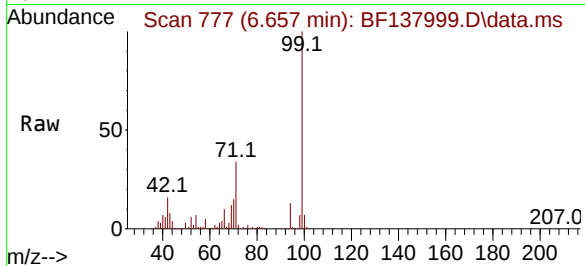


#7
Phenol-d6
Concen: 119.410 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Instrument :
BNA_F
ClientSampleId :
PB161028BS

Tgt Ion: 99 Resp: 1369842

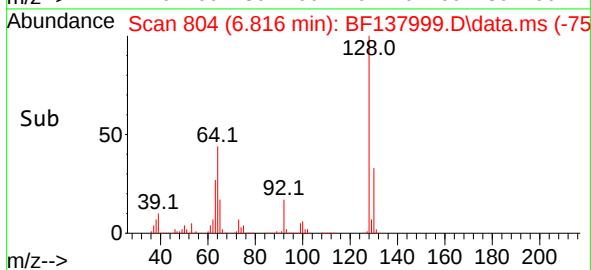
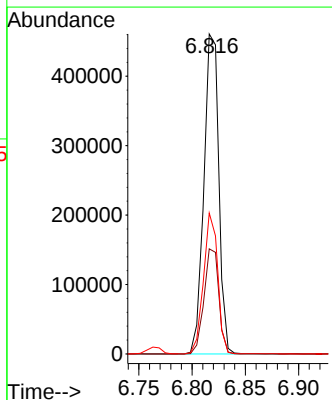
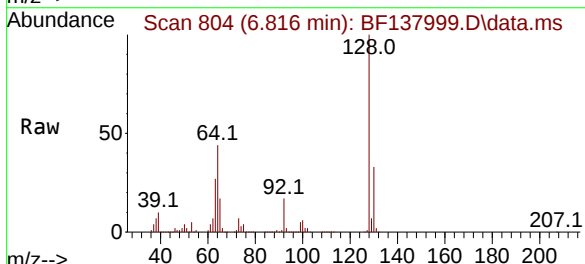
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.6	18.8
71	33.8	27.1	40.7

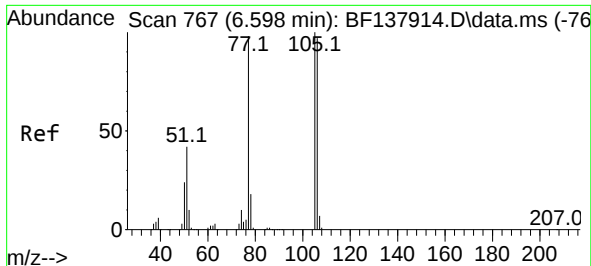


#8
2-Chlorophenol
Concen: 44.701 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion: 128 Resp: 450508

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	44.0	22.2	62.2

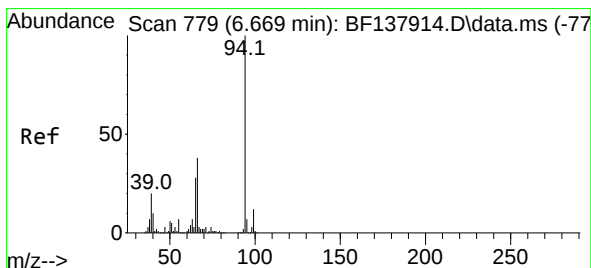
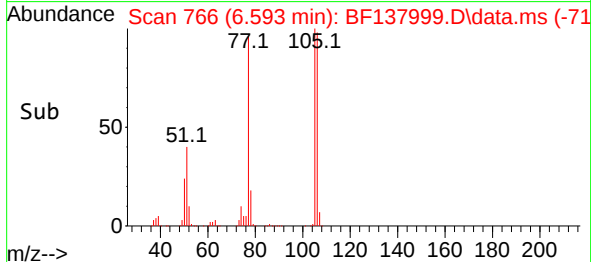
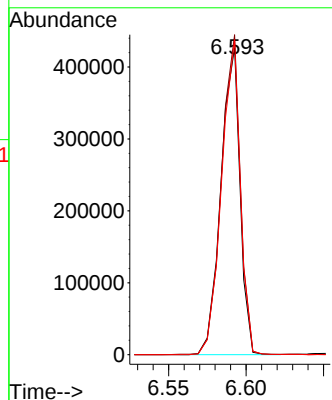
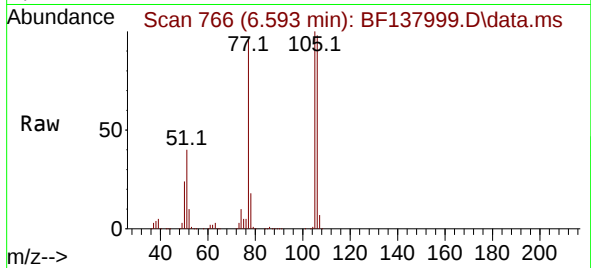




#9
Benzaldehyde
Concen: 58.847 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.005 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

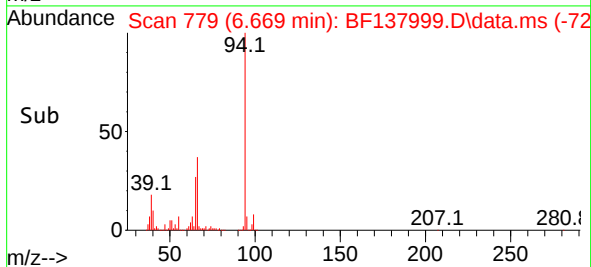
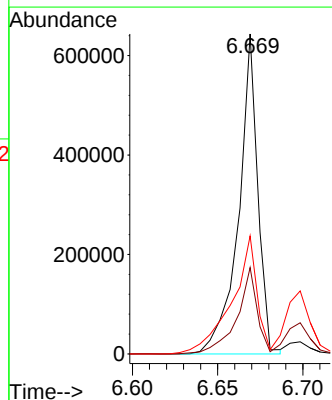
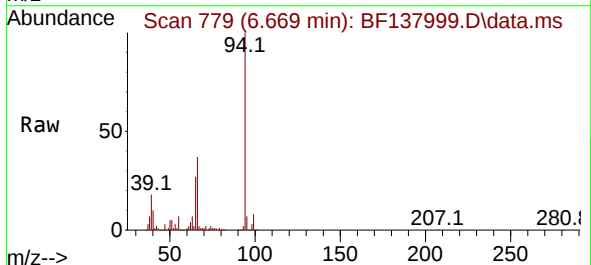
Instrument :
BNA_F
ClientSampleId :
PB161028BS

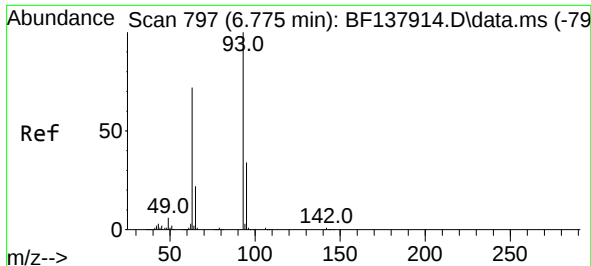
Tgt Ion: 77 Resp: 365239
Ion Ratio Lower Upper
77 100
105 104.2 82.3 122.3
106 102.6 79.2 119.2



#10
Phenol
Concen: 43.575 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion: 94 Resp: 504558
Ion Ratio Lower Upper
94 100
65 27.0 7.8 47.8
66 36.9 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 44.047 ng

RT: 6.769 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

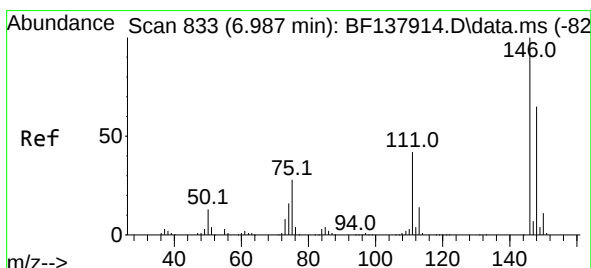
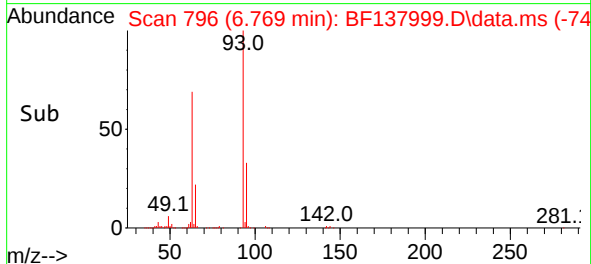
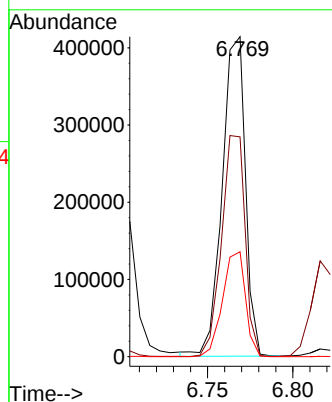
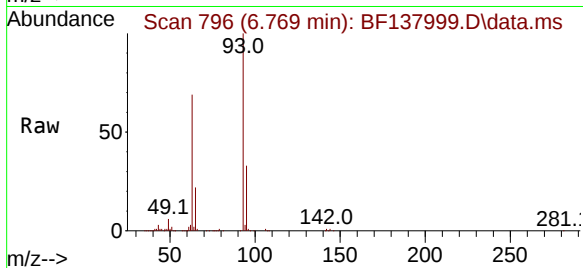
Tgt Ion: 93 Resp: 391607

Ion Ratio Lower Upper

93 100

63 68.7 51.4 91.4

95 32.8 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 40.349 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.012 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

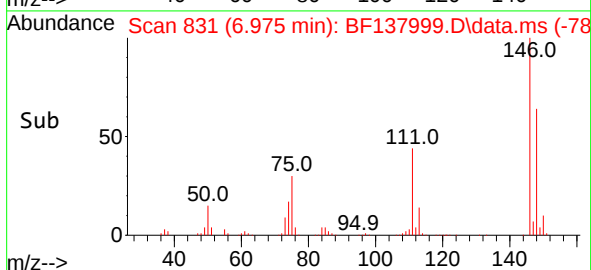
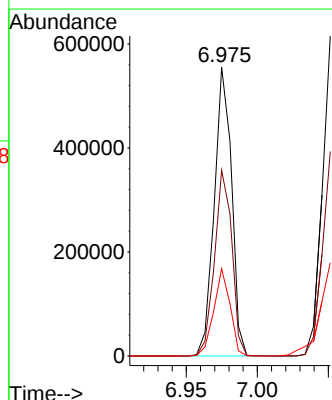
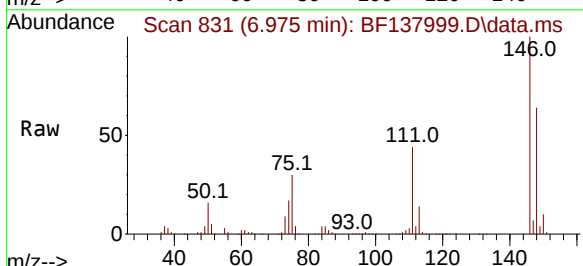
Tgt Ion: 146 Resp: 470495

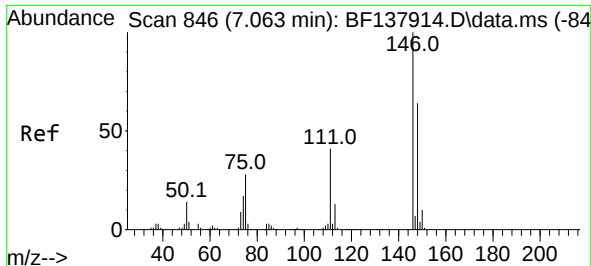
Ion Ratio Lower Upper

146 100

148 64.3 51.7 77.5

75 30.2 22.4 33.6

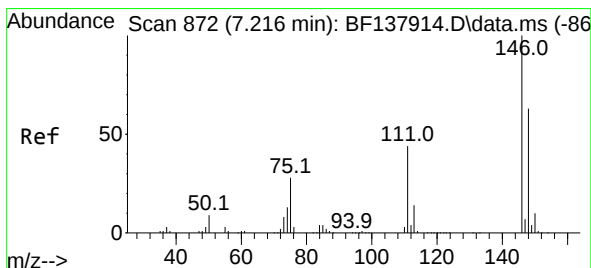
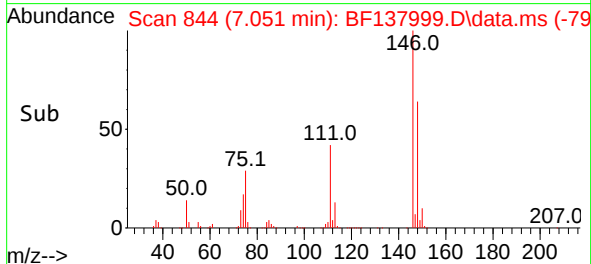
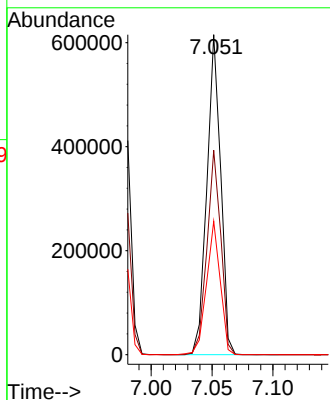
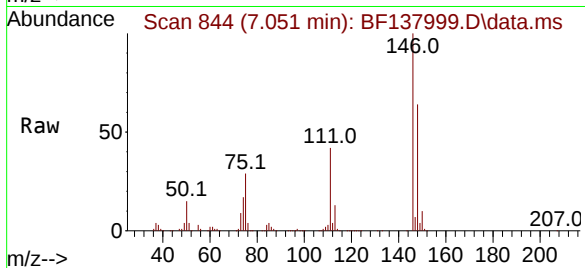




#13
1,4-Dichlorobenzene
Concen: 41.184 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

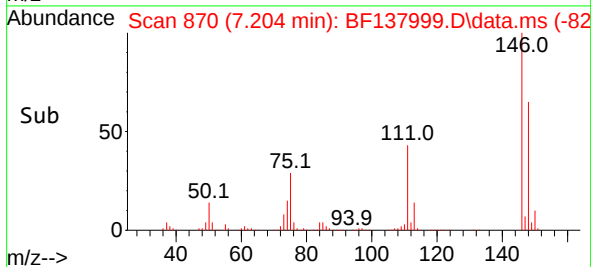
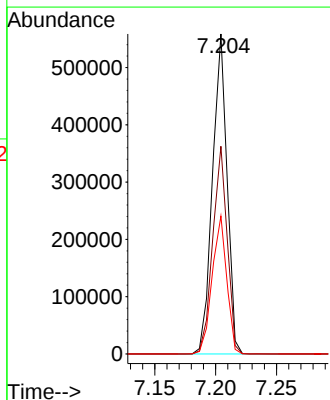
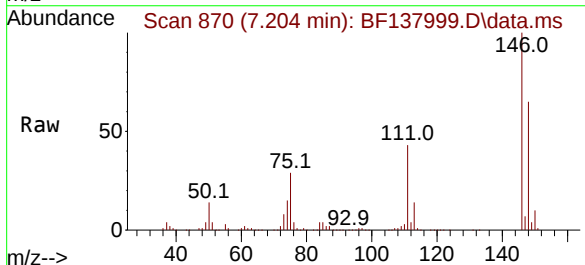
Instrument :
BNA_F
ClientSampleId :
PB161028BS

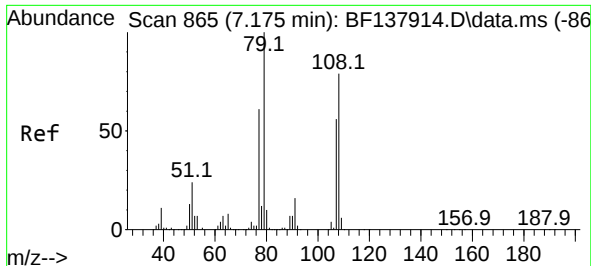
Tgt Ion:146 Resp: 482028
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 41.7 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 42.109 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:146 Resp: 463858
Ion Ratio Lower Upper
146 100
148 64.9 50.2 75.4
111 43.1 35.1 52.7

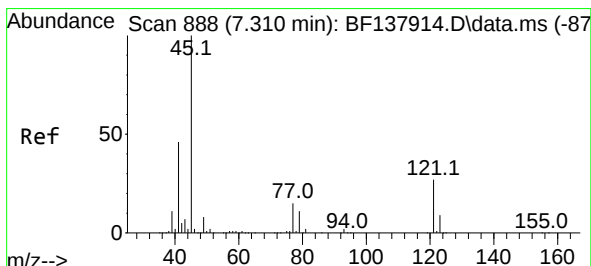
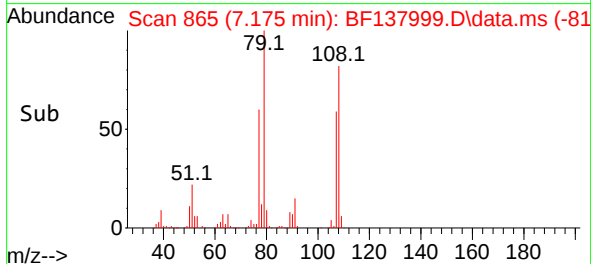
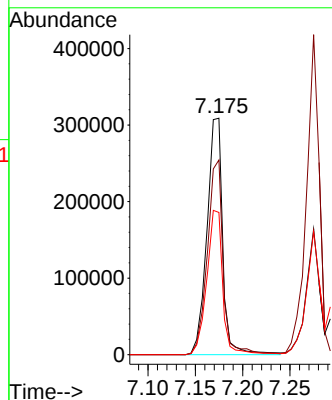
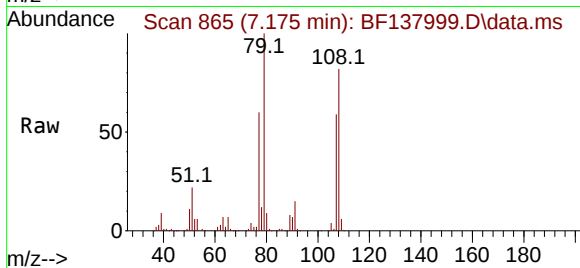




#15
Benzyl Alcohol
Concen: 46.835 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

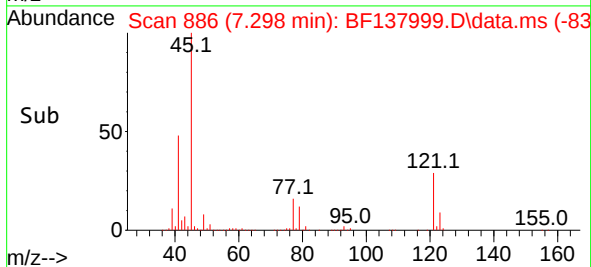
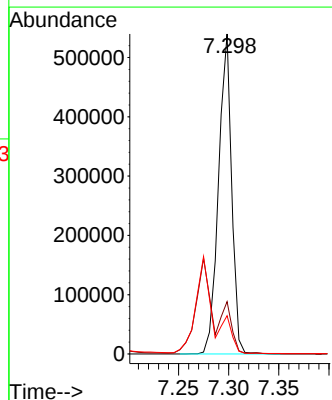
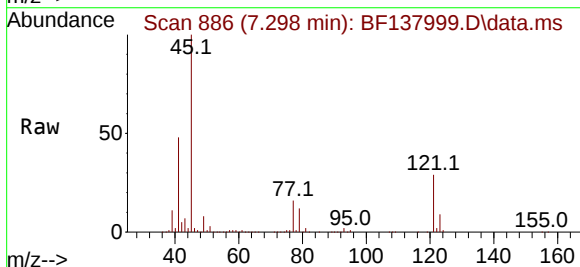
Instrument :
BNA_F
ClientSampleId :
PB161028BS

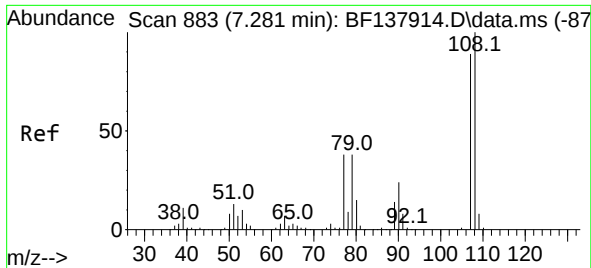
Tgt Ion: 79 Resp: 358769
Ion Ratio Lower Upper
79 100
108 82.4 62.8 94.2
77 60.2 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.792 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion: 45 Resp: 489518
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.3
79 11.9 0.0 32.1

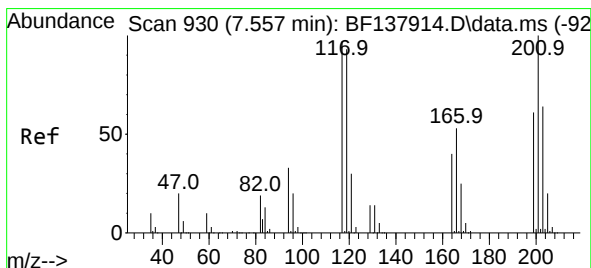
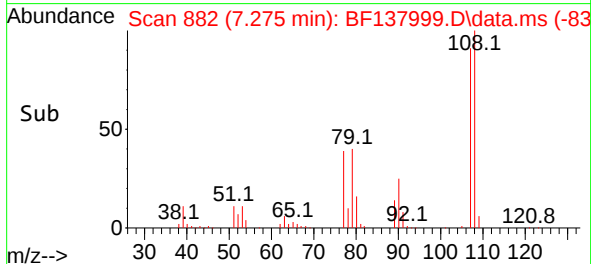
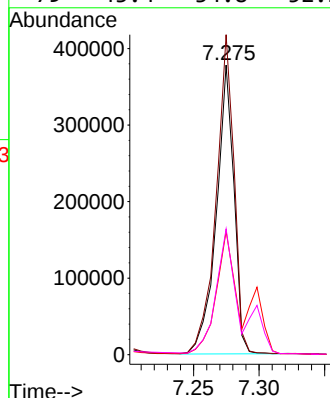
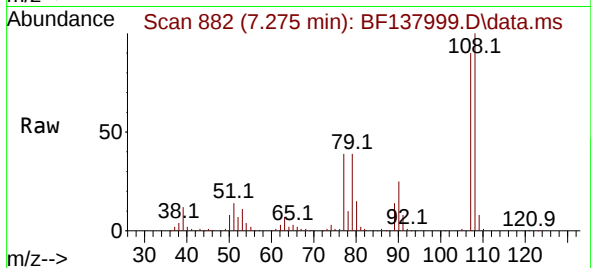




#17
2-Methylphenol
Concen: 43.607 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

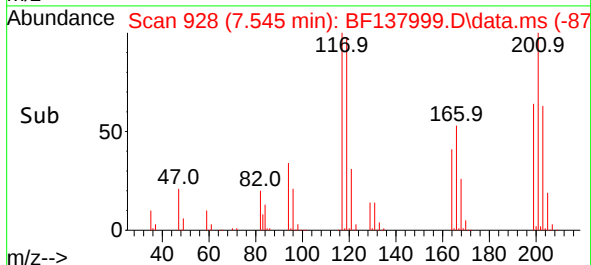
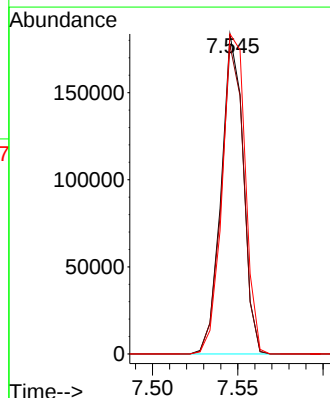
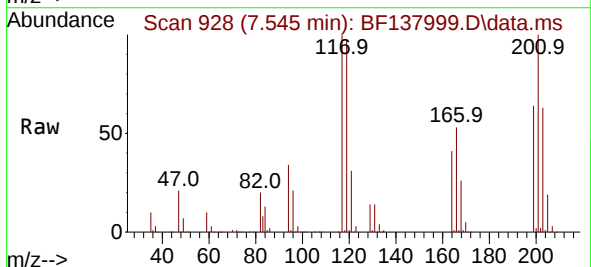
Instrument :
BNA_F
ClientSampleId :
PB161028BS

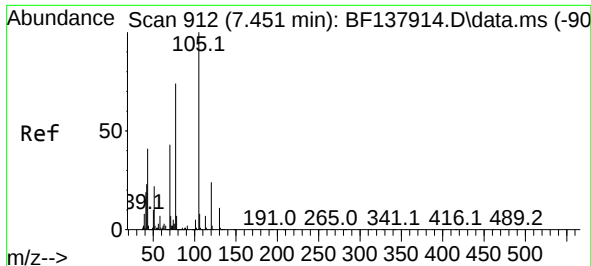
Tgt Ion:	107	Resp:	350481
Ion	Ratio	Lower	Upper
107	100		
108	110.5	90.1	135.1
77	42.6	34.3	51.5
79	43.4	34.8	52.2



#18
Hexachloroethane
Concen: 41.627 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:	117	Resp:	164870
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.8	115.2
201	100.1	82.7	124.1

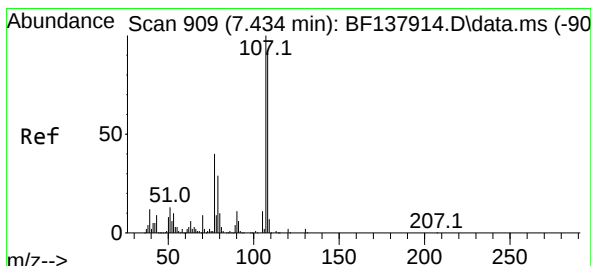
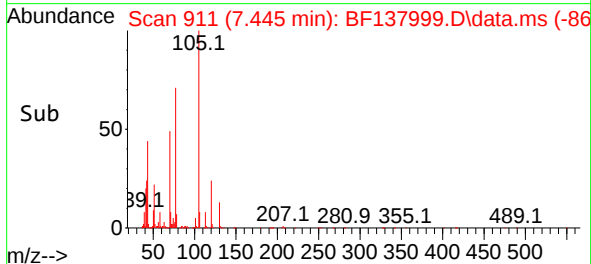
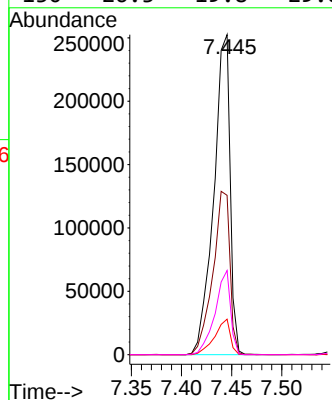
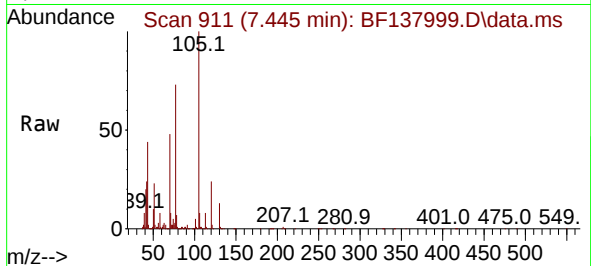




#19
n-Nitroso-di-n-propylamine
Concen: 44.475 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

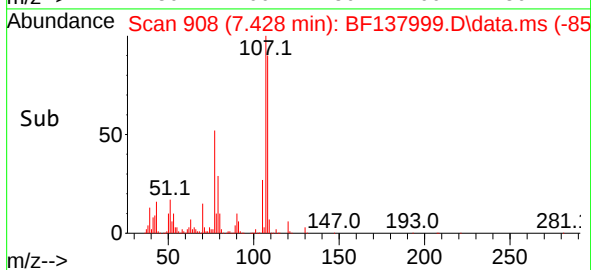
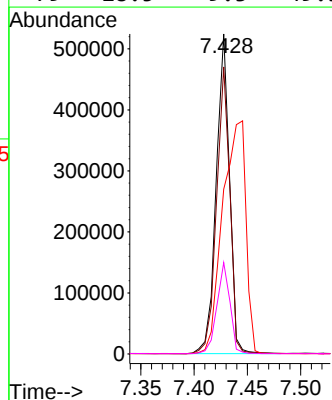
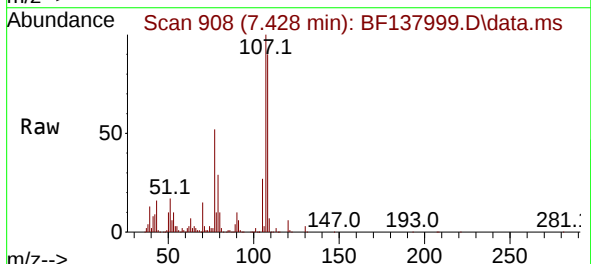
Instrument :
BNA_F
ClientSampleId :
PB161028BS

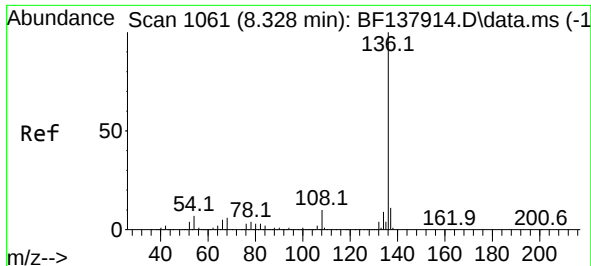
Tgt Ion: 70 Resp: 286643
Ion Ratio Lower Upper
70 100
42 49.8 42.2 63.4
101 11.1 8.8 13.2
130 26.3 19.8 29.8



#20
3+4-Methylphenols
Concen: 43.167 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:107 Resp: 454516
Ion Ratio Lower Upper
107 100
108 89.7 70.8 110.8
77 51.5 20.2 60.2
79 28.5 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

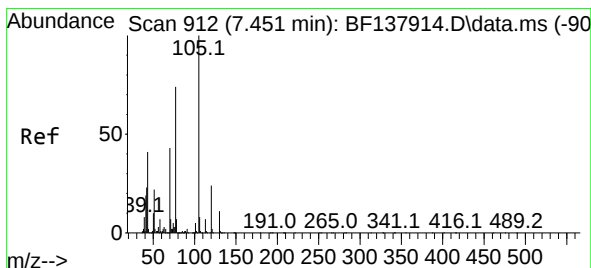
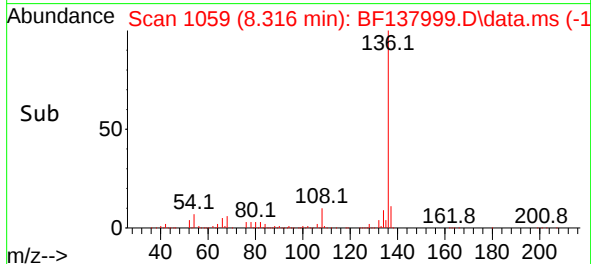
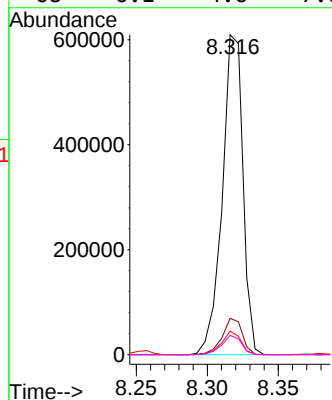
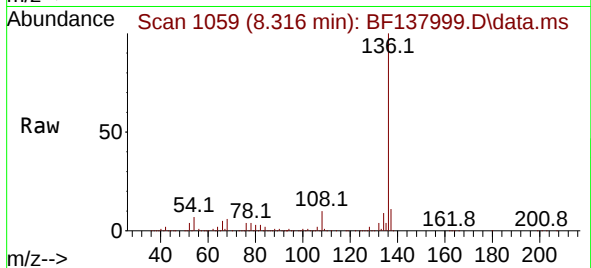
Instrument :

BNA_F

ClientSampleId :

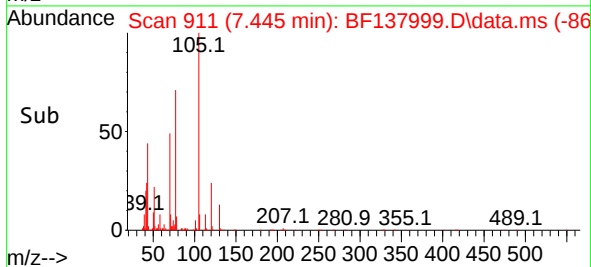
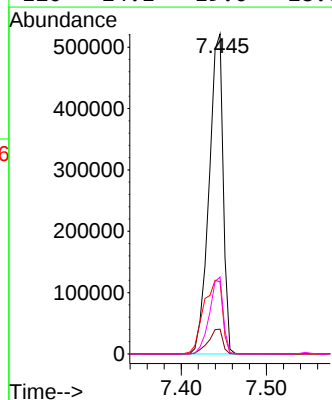
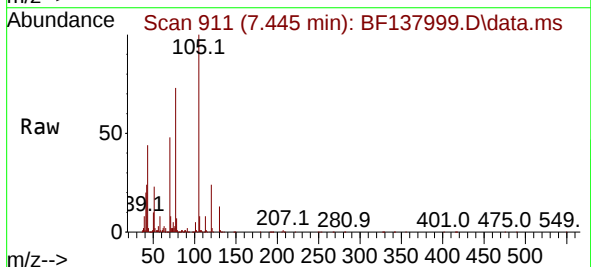
PB161028BS

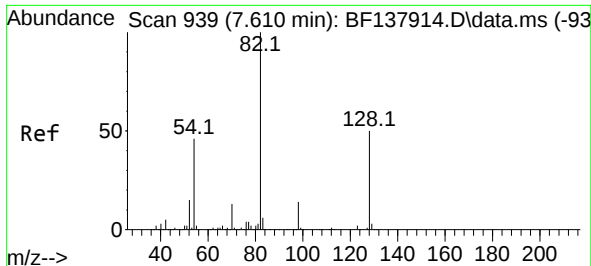
Tgt Ion:136 Resp: 617430
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 7.4 5.4 8.2
68 6.1 4.6 7.0



#22
Acetophenone
Concen: 43.282 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:105 Resp: 598661
Ion Ratio Lower Upper
105 100
71 7.8 5.7 8.5
51 22.5 17.8 26.8
120 24.1 19.0 28.6





#23

Nitrobenzene-d5

Concen: 80.028 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

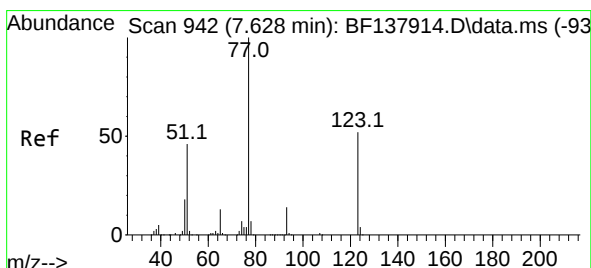
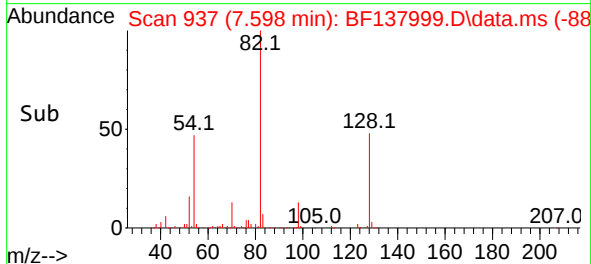
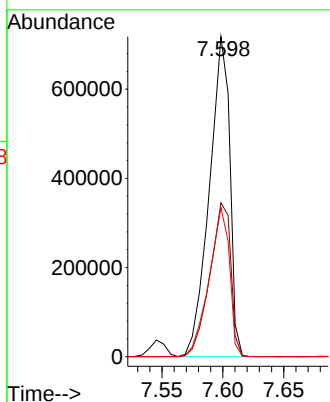
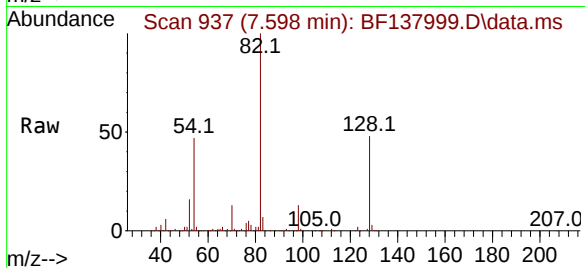
Tgt Ion: 82 Resp: 839611

Ion Ratio Lower Upper

82 100

128 48.1 40.3 60.5

54 46.6 36.8 55.2



#24

Nitrobenzene

Concen: 40.743 ng

RT: 7.616 min Scan# 940

Delta R.T. -0.012 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

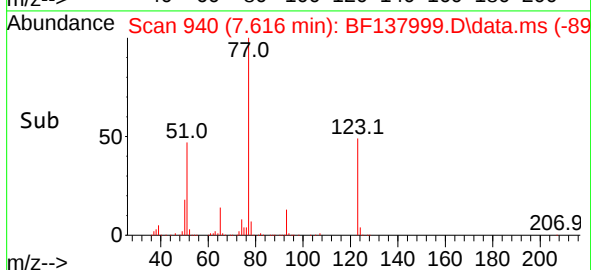
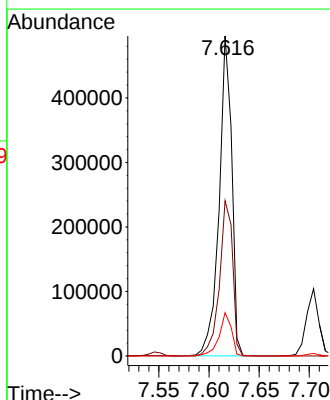
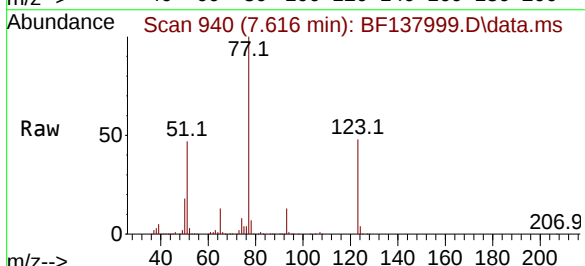
Tgt Ion: 77 Resp: 433633

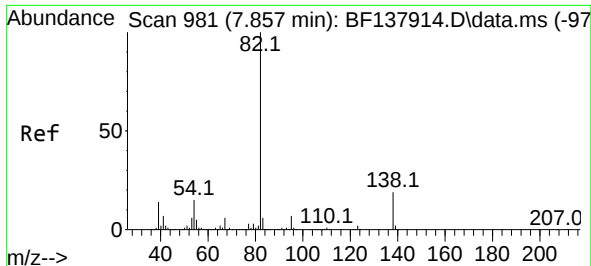
Ion Ratio Lower Upper

77 100

123 48.5 41.4 62.2

65 13.5 10.5 15.7

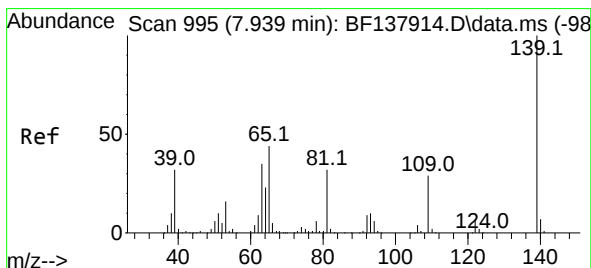
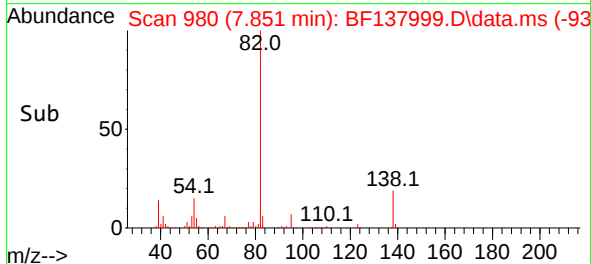
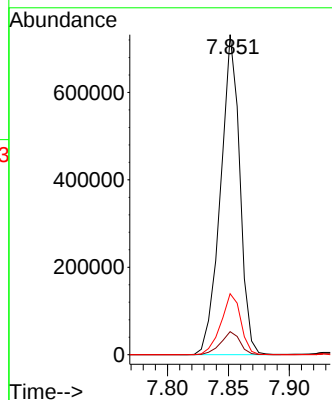
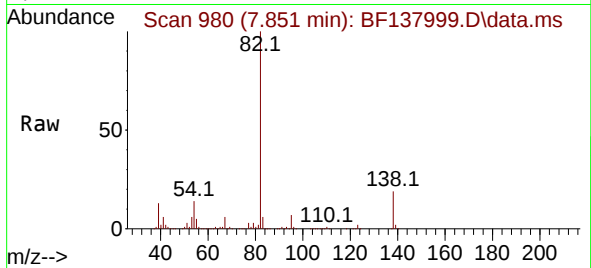




#25
Isophorone
Concen: 44.274 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

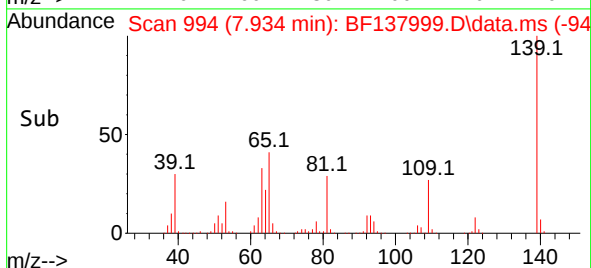
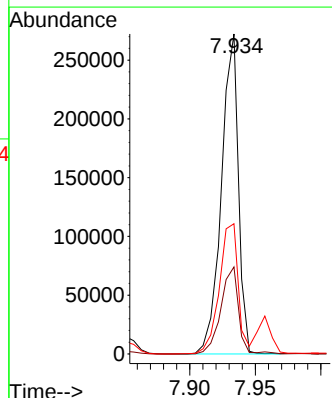
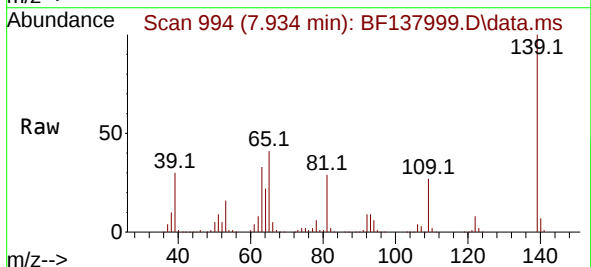
Instrument :
BNA_F
ClientSampleId :
PB161028BS

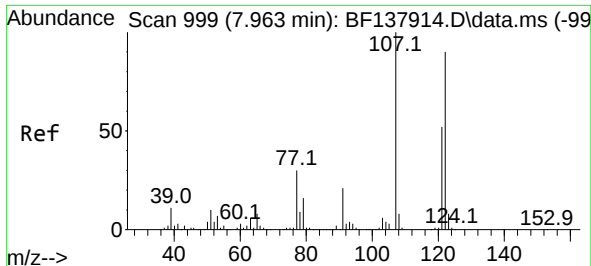
Tgt Ion: 82 Resp: 806173
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 19.0 15.0 22.4



#26
2-Nitrophenol
Concen: 45.774 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

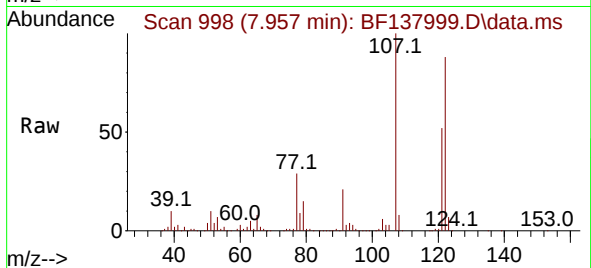
Tgt Ion:139 Resp: 244796
Ion Ratio Lower Upper
139 100
109 27.2 22.8 34.2
65 40.7 35.2 52.8



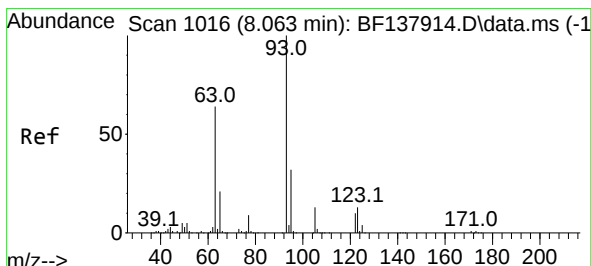
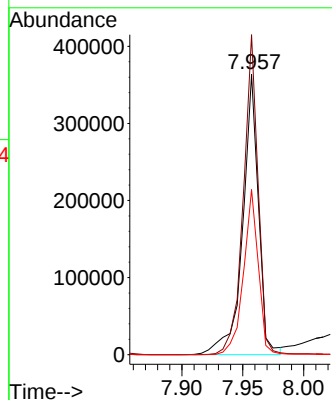
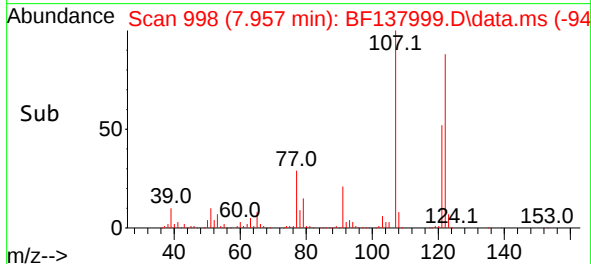


#27
2,4-Dimethylphenol
Concen: 47.499 ng
RT: 7.957 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Instrument :
BNA_F
ClientSampleId :
PB161028BS

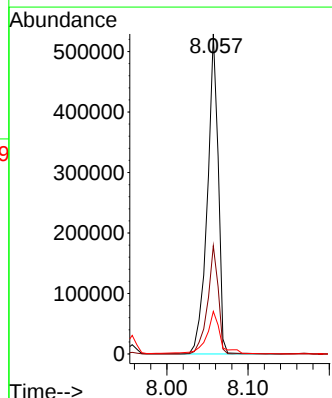
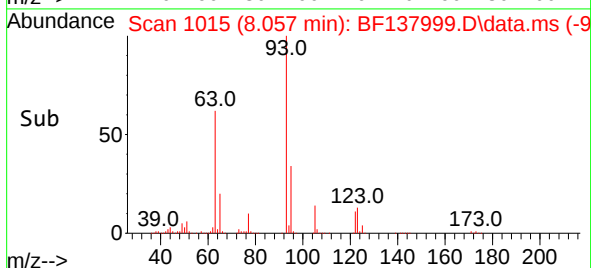
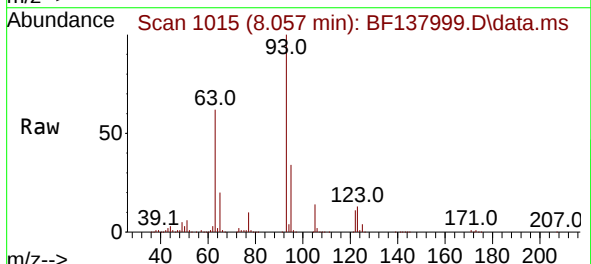


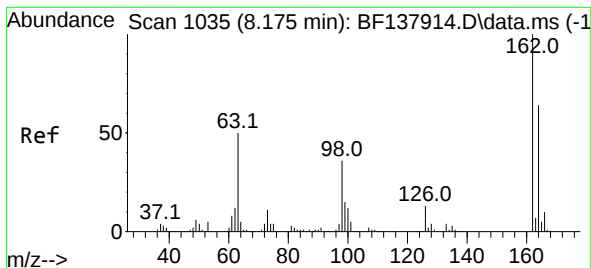
Tgt Ion:122 Resp: 327045
Ion Ratio Lower Upper
122 100
107 114.1 89.0 133.4
121 58.9 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 44.376 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion: 93 Resp: 489729
Ion Ratio Lower Upper
93 100
95 33.8 25.9 38.9
123 13.3 10.4 15.6

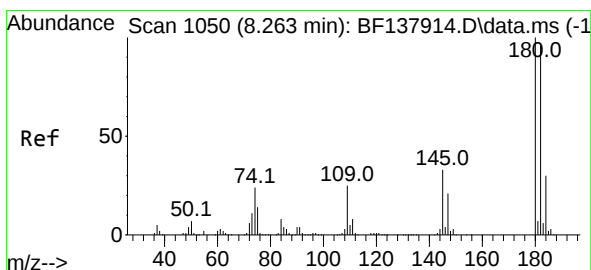
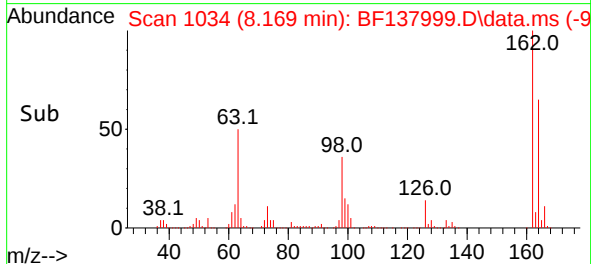
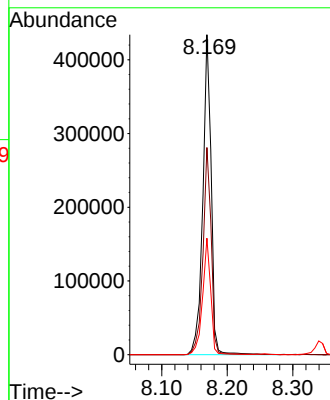
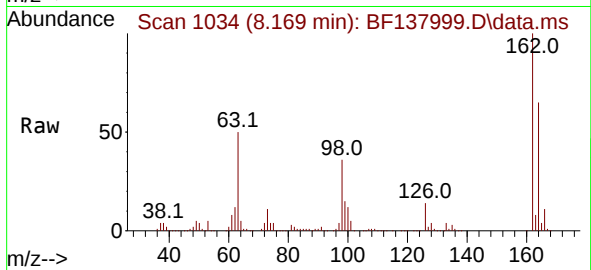




#29
2,4-Dichlorophenol
Concen: 44.557 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

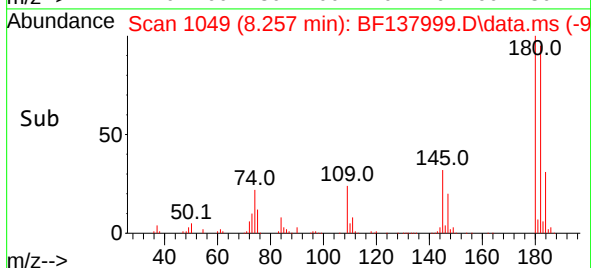
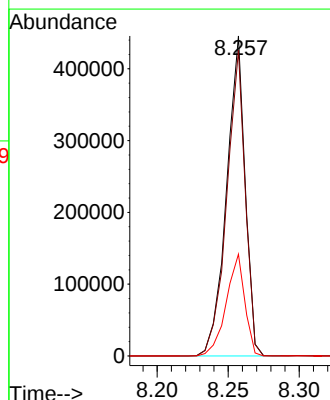
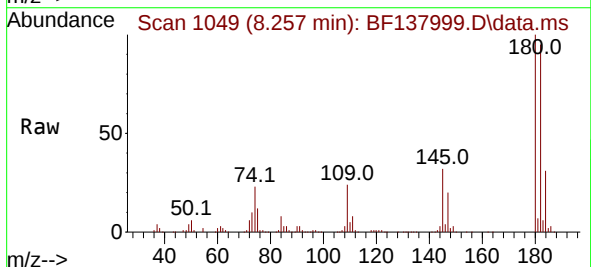
Instrument :
BNA_F
ClientSampleId :
PB161028BS

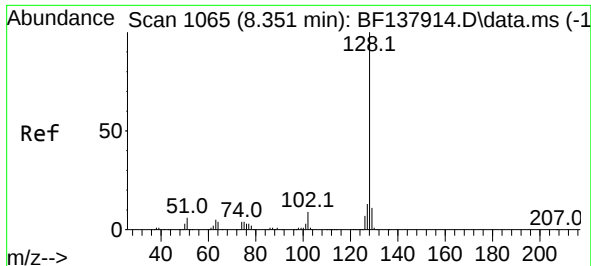
Tgt Ion:162 Resp: 385790
Ion Ratio Lower Upper
162 100
164 64.7 44.3 84.3
98 36.4 15.8 55.8



#30
1,2,4-Trichlorobenzene
Concen: 41.856 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:180 Resp: 404627
Ion Ratio Lower Upper
180 100
182 95.5 76.5 114.7
145 31.8 26.2 39.2

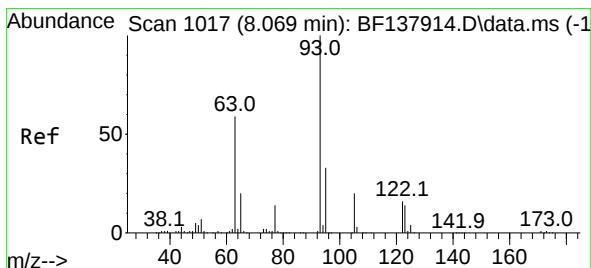
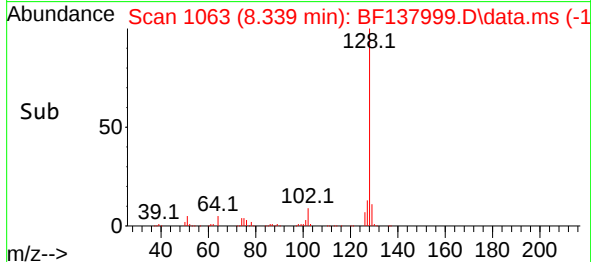
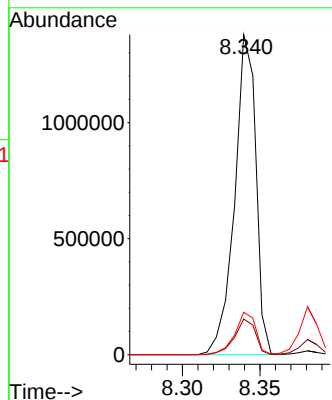
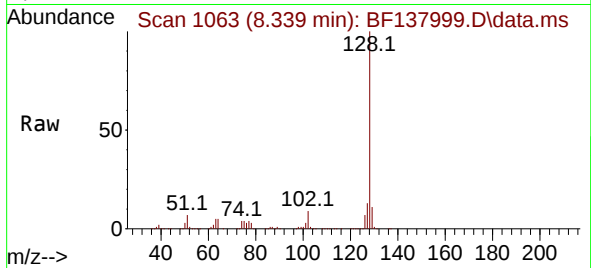




#31
Naphthalene
Concen: 42.292 ng
RT: 8.339 min Scan# 1065
Delta R.T. -0.012 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

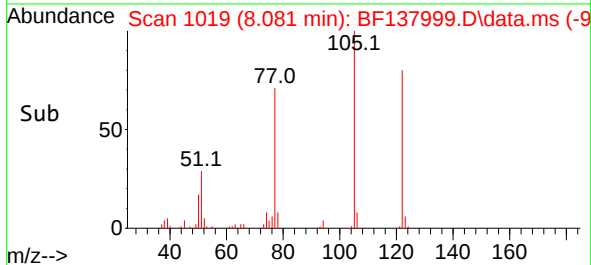
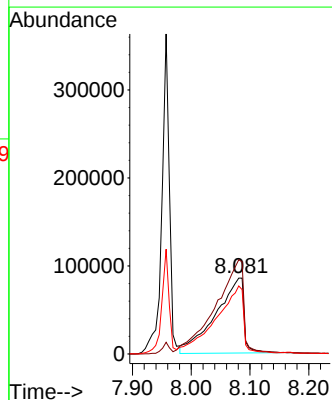
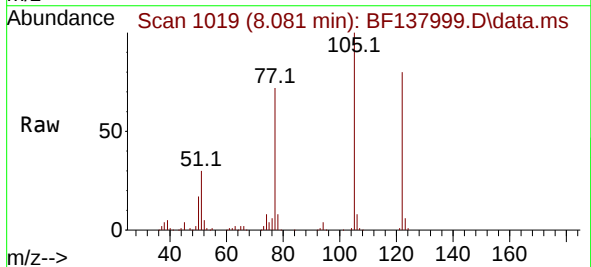
Instrument :
BNA_F
ClientSampleId :
PB161028BS

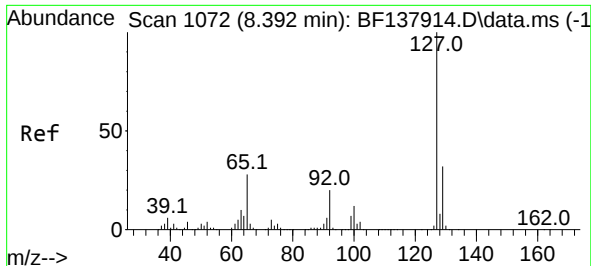
Tgt Ion:128 Resp: 1312937
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 49.176 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.012 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:122 Resp: 286223
Ion Ratio Lower Upper
122 100
105 124.3 103.8 143.8
77 89.6 68.4 108.4

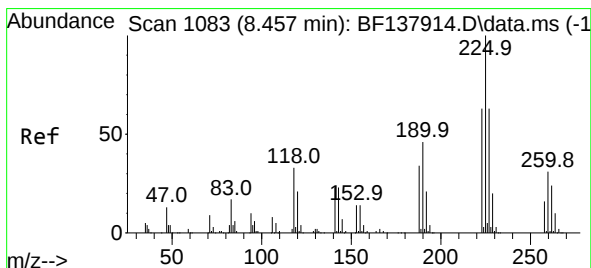
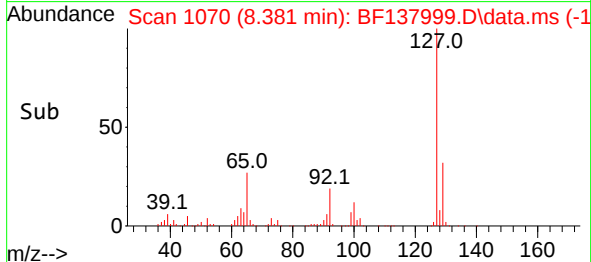
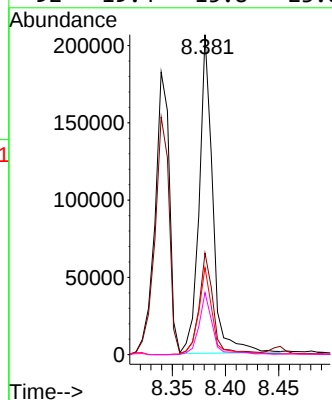
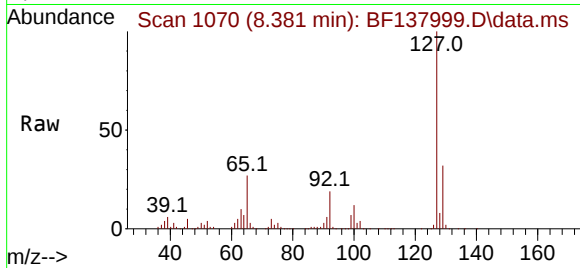




#33
4-Chloroaniline
Concen: 18.068 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

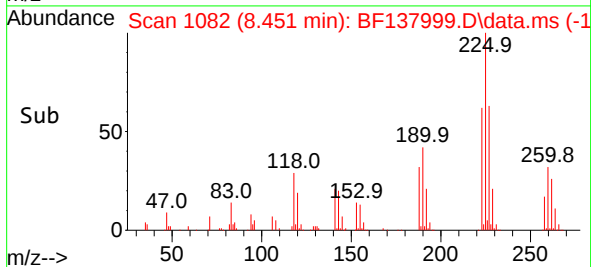
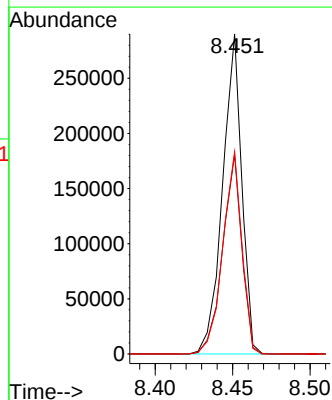
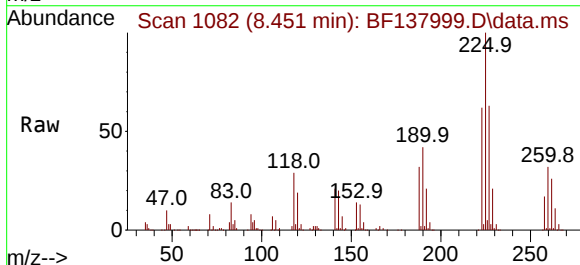
Instrument :
BNA_F
ClientSampleId :
PB161028BS

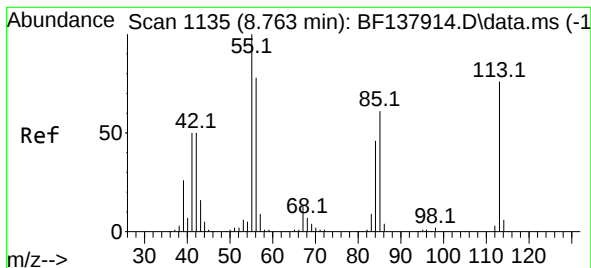
Tgt Ion:	127	Resp:	183883
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	27.2	22.0	33.0
92	19.4	15.8	23.8



#34
Hexachlorobutadiene
Concen: 40.772 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:	225	Resp:	249482
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.0	75.0
227	63.2	50.2	75.4





#35

Caprolactam

Concen: 29.921 ng

RT: 8.763 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

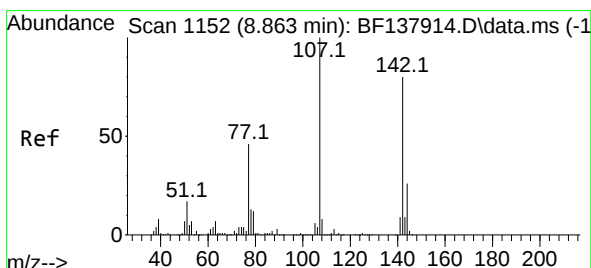
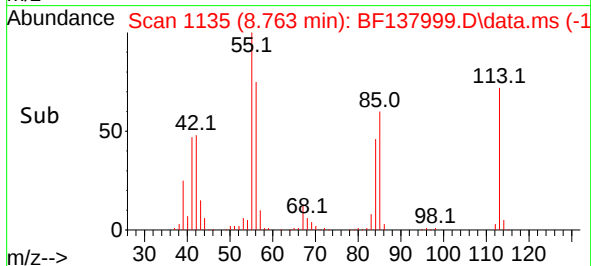
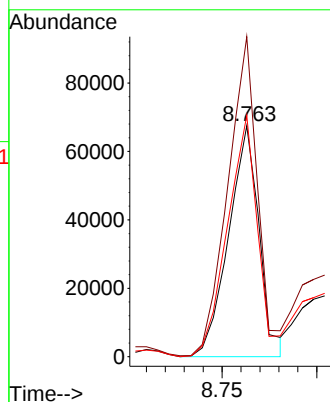
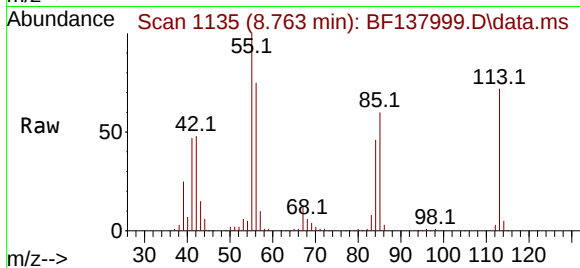
Tgt Ion:113 Resp: 75055

Ion Ratio Lower Upper

113 100

55 138.5 112.3 152.3

56 104.5 82.7 122.7



#36

4-Chloro-3-methylphenol

Concen: 45.784 ng

RT: 8.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

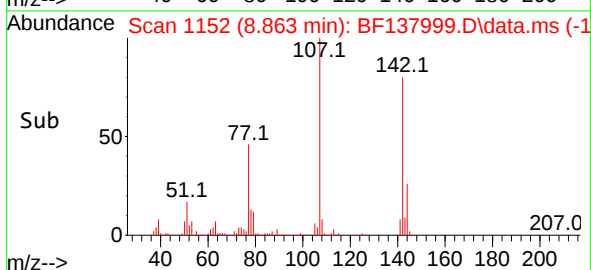
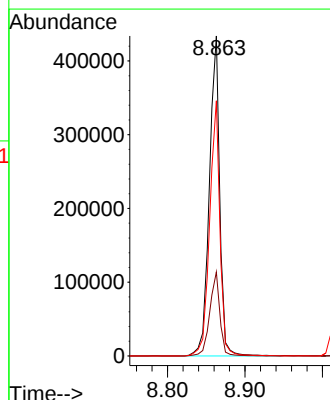
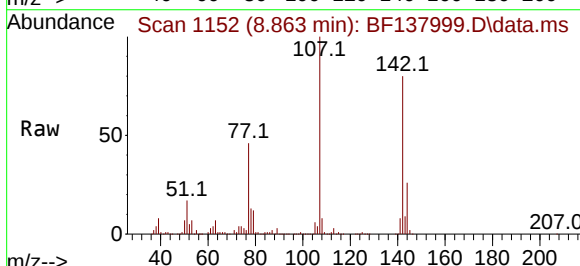
Tgt Ion:107 Resp: 403255

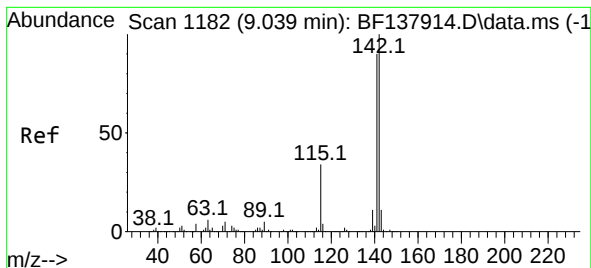
Ion Ratio Lower Upper

107 100

144 26.3 20.7 31.1

142 79.7 64.0 96.0





#37

2-Methylnaphthalene

Concen: 43.511 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

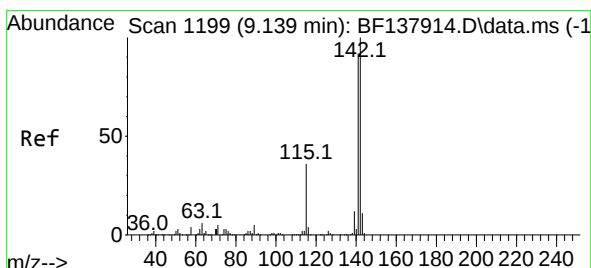
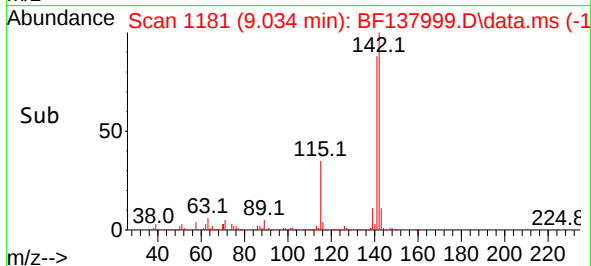
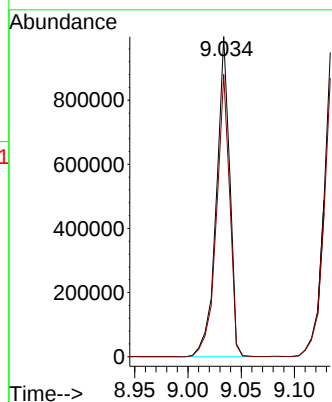
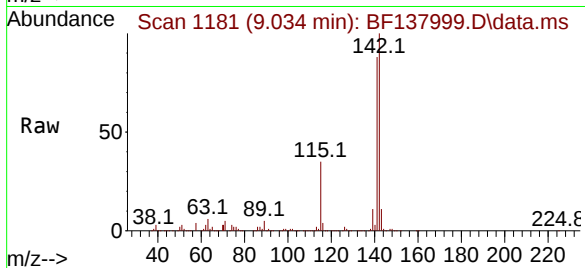
PB161028BS

Tgt Ion:142 Resp: 868272

Ion Ratio Lower Upper

142 100

141 88.2 72.0 108.0



#38

1-Methylnaphthalene

Concen: 40.863 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF137999.D

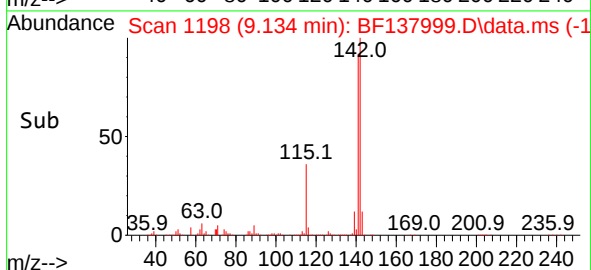
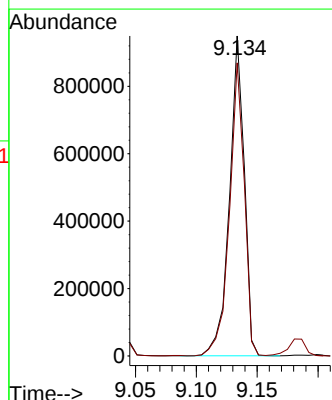
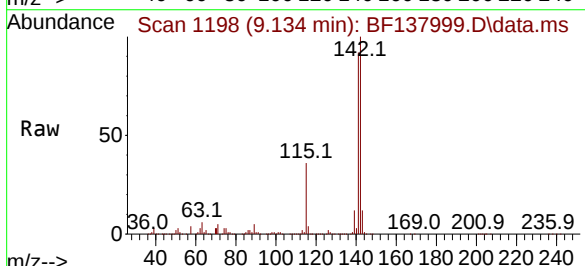
Acq: 22 May 2024 11:44

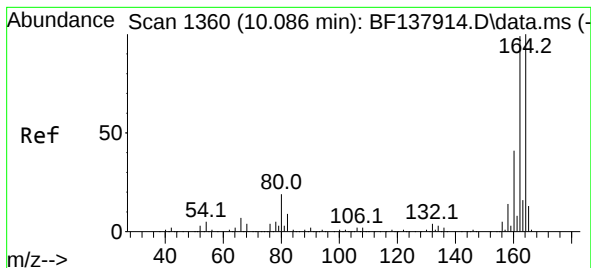
Tgt Ion:142 Resp: 801655

Ion Ratio Lower Upper

142 100

141 91.6 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: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

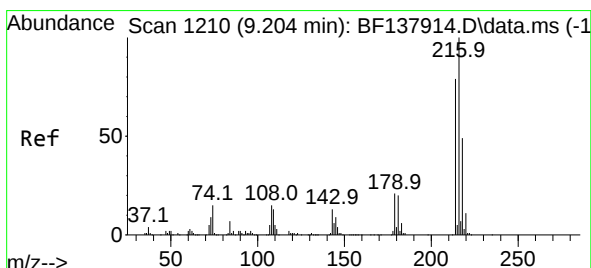
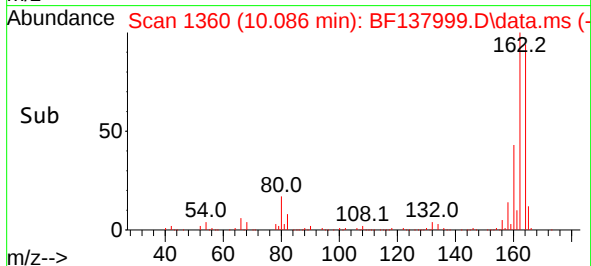
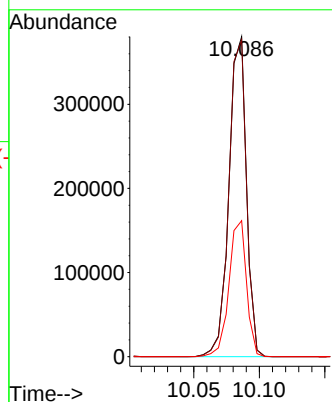
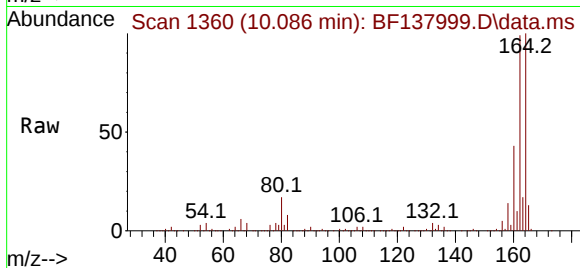
Tgt Ion:164 Resp: 353016

Ion Ratio Lower Upper

164 100

162 99.0 79.4 119.2

160 42.5 33.1 49.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.110 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Tgt Ion:216 Resp: 413738

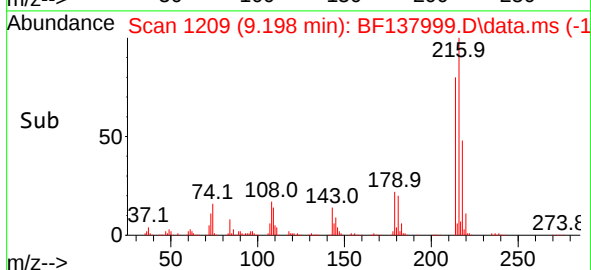
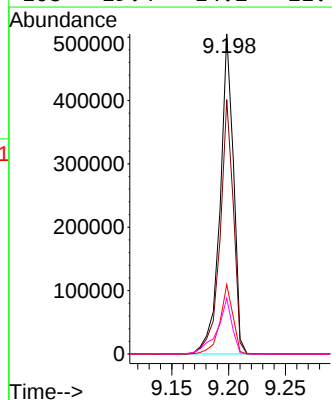
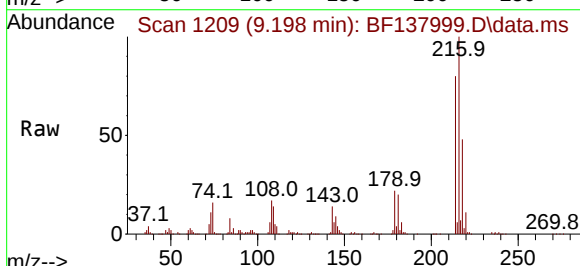
Ion Ratio Lower Upper

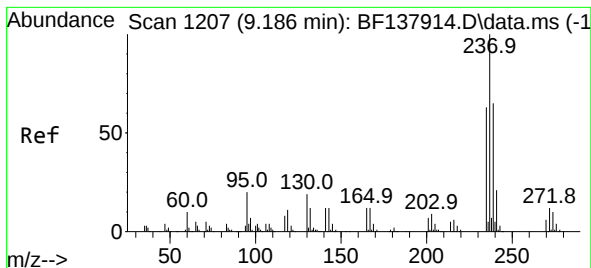
216 100

214 78.7 63.4 95.2

179 21.0 17.0 25.4

108 19.4 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 121.971 ng

RT: 9.187 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

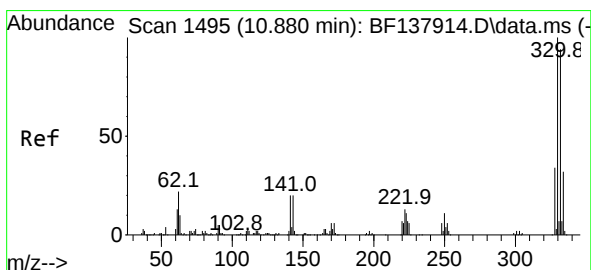
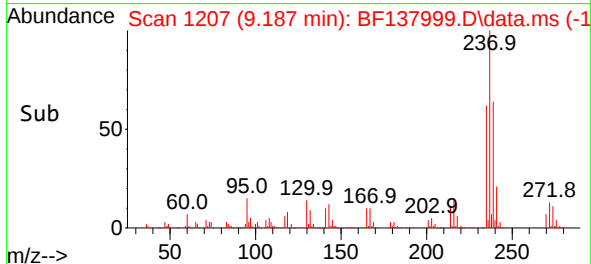
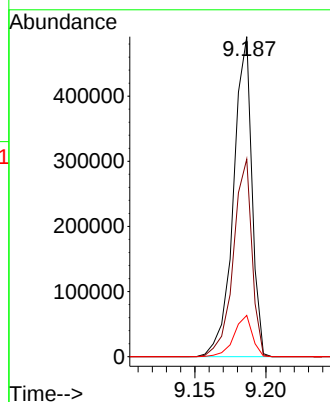
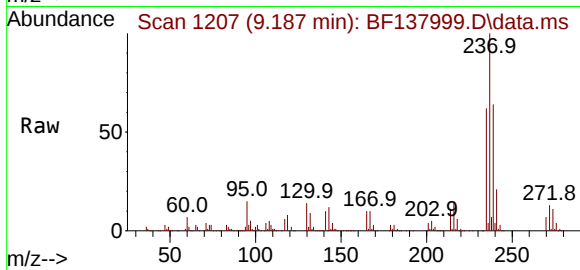
Tgt Ion:237 Resp: 444788

Ion Ratio Lower Upper

237 100

235 61.8 42.8 82.8

272 12.9 0.0 32.0



#42

2,4,6-Tribromophenol

Concen: 135.434 ng

RT: 10.881 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

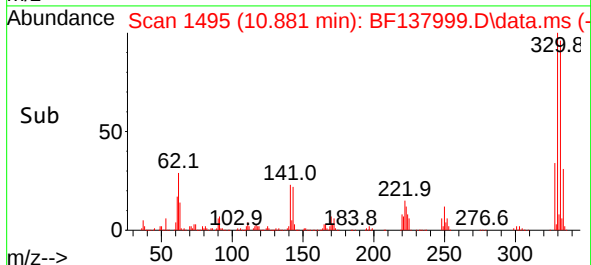
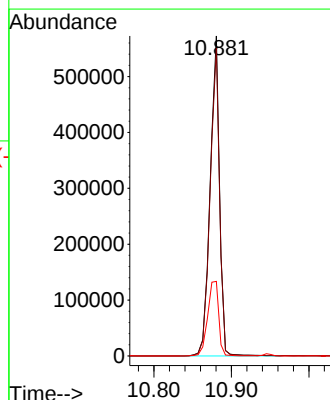
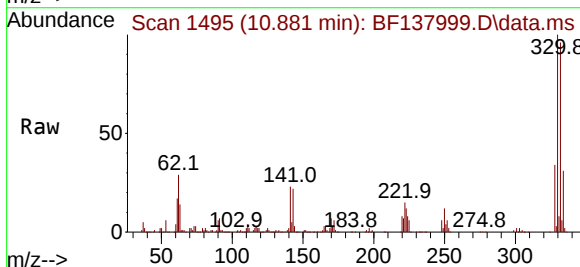
Tgt Ion:330 Resp: 482070

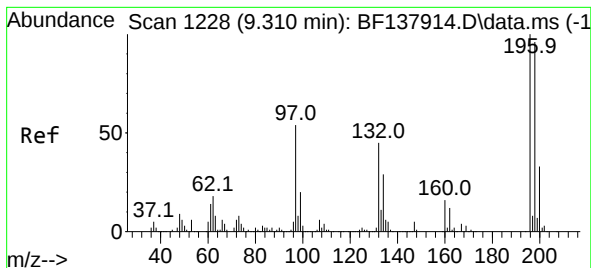
Ion Ratio Lower Upper

330 100

332 96.7 75.8 113.8

141 27.5 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 46.049 ng

RT: 9.310 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

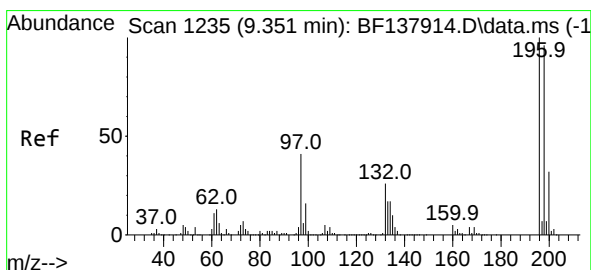
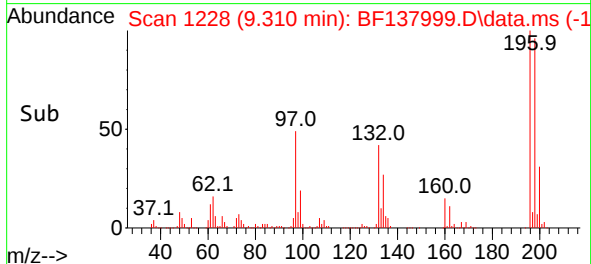
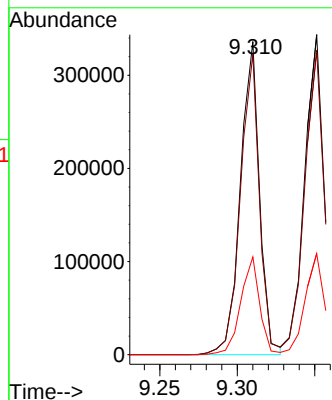
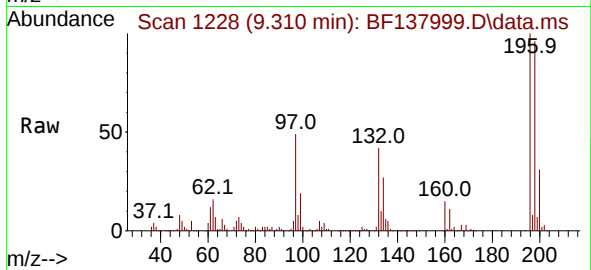
Tgt Ion:196 Resp: 289769

Ion Ratio Lower Upper

196 100

198 96.0 77.0 115.4

200 31.2 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 44.043 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Tgt Ion:196 Resp: 303244

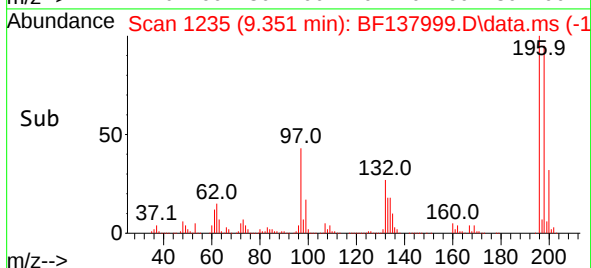
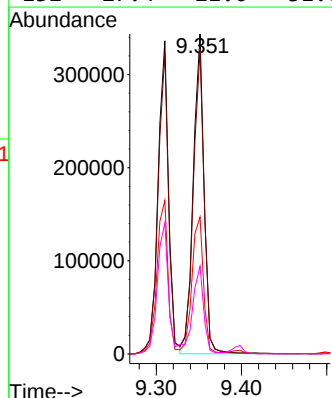
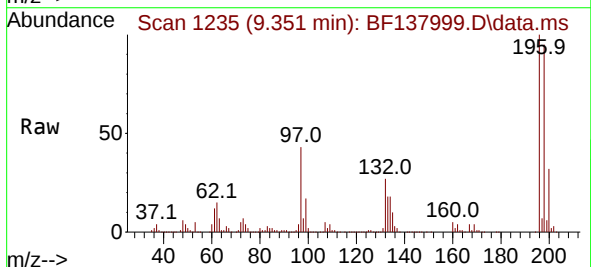
Ion Ratio Lower Upper

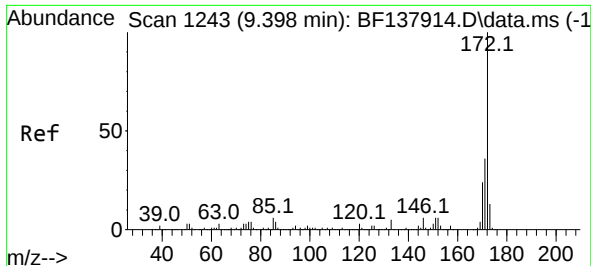
196 100

198 95.1 77.4 116.0

97 42.8 32.9 49.3

132 27.4 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 79.069 ng

RT: 9.398 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

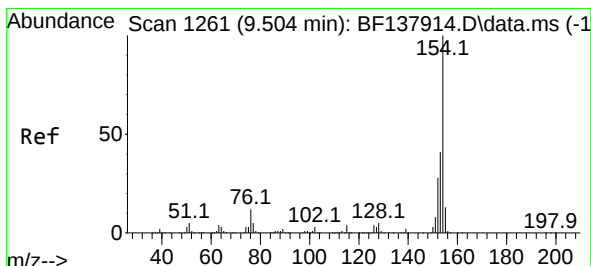
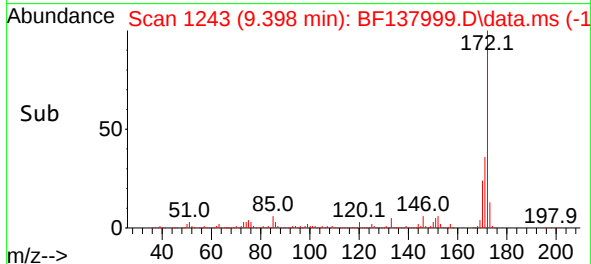
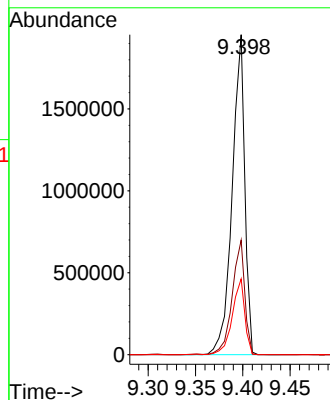
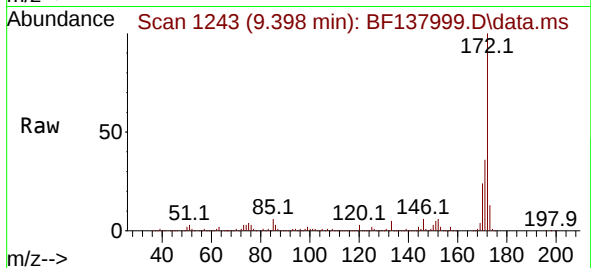
Tgt Ion:172 Resp: 1812055

Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

170 23.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.961 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

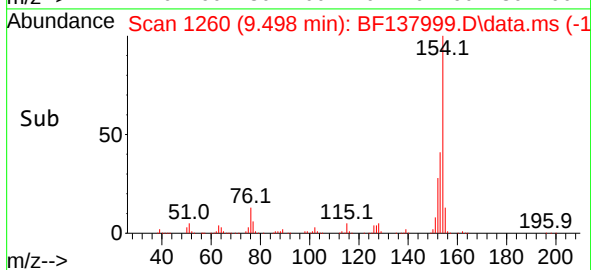
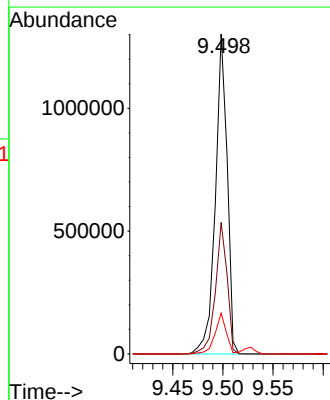
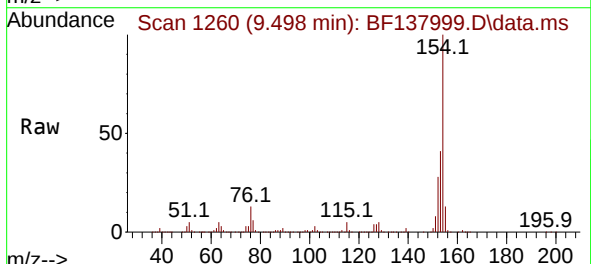
Tgt Ion:154 Resp: 1063712

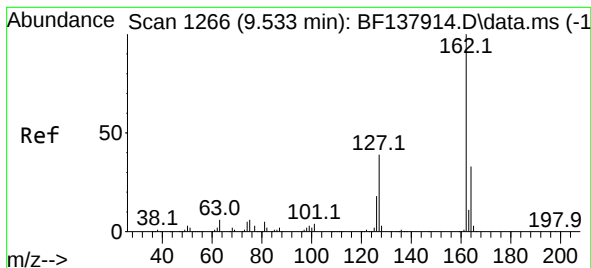
Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

76 12.8 0.0 31.9





#47

2-Chloronaphthalene

Concen: 41.688 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

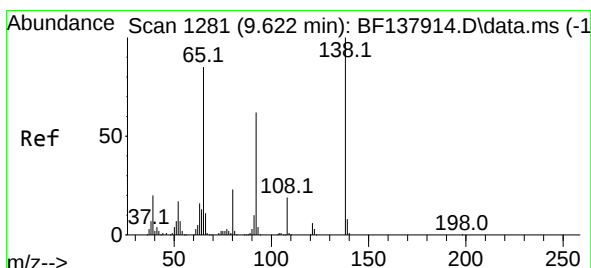
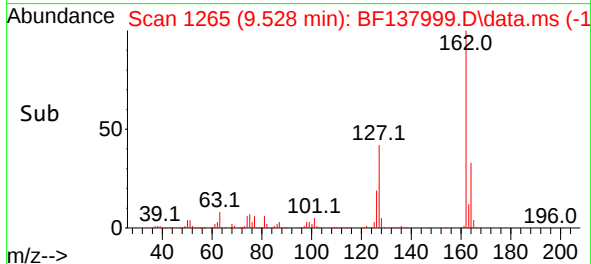
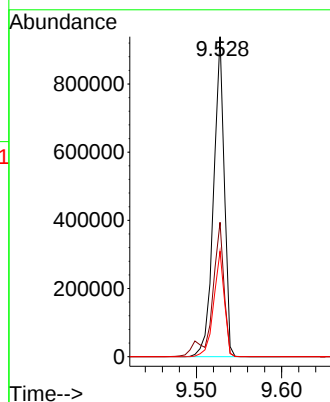
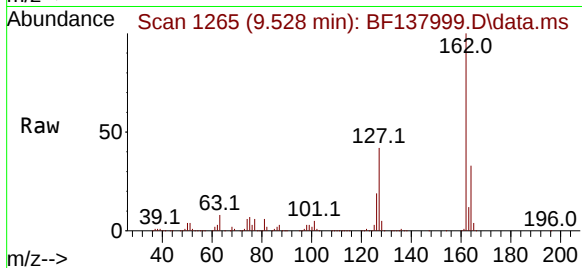
Tgt Ion:162 Resp: 823975

Ion Ratio Lower Upper

162 100

127 42.0 32.0 48.0

164 33.0 26.2 39.4



#48

2-Nitroaniline

Concen: 44.733 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

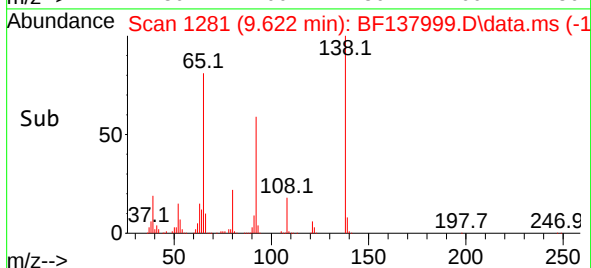
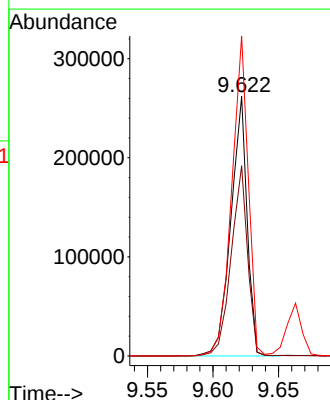
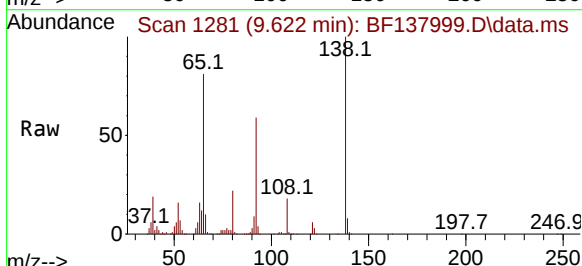
Tgt Ion: 65 Resp: 226411

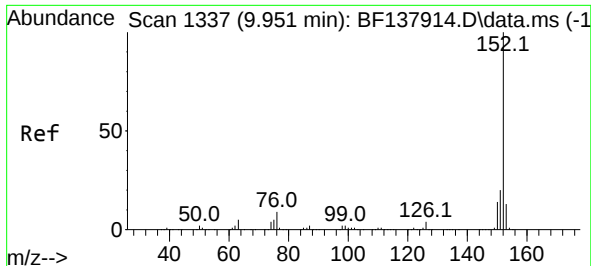
Ion Ratio Lower Upper

65 100

92 73.3 58.6 88.0

138 123.3 94.1 141.1





#49

Acenaphthylene

Concen: 46.403 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

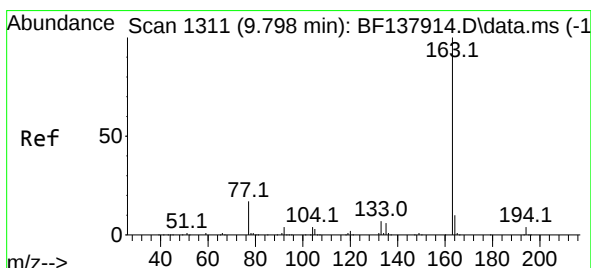
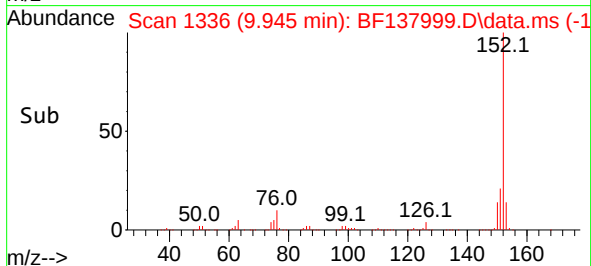
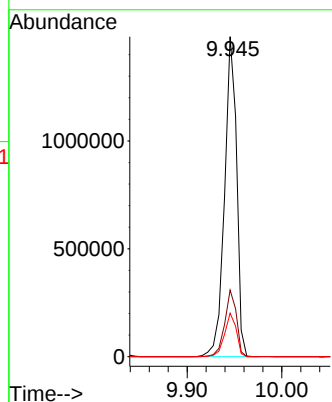
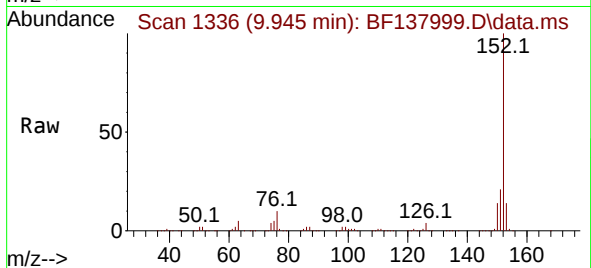
Tgt Ion:152 Resp: 1318758

Ion Ratio Lower Upper

152 100

151 20.8 15.8 23.8

153 13.6 10.2 15.4



#50

Dimethylphthalate

Concen: 45.597 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

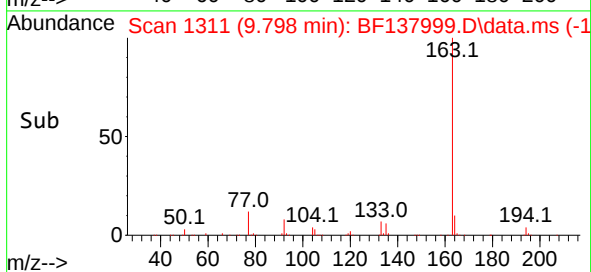
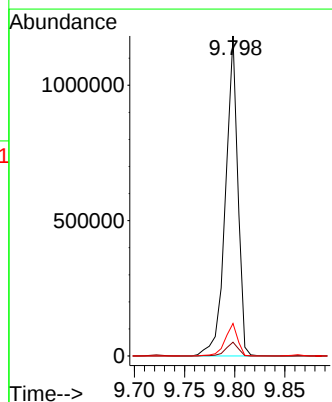
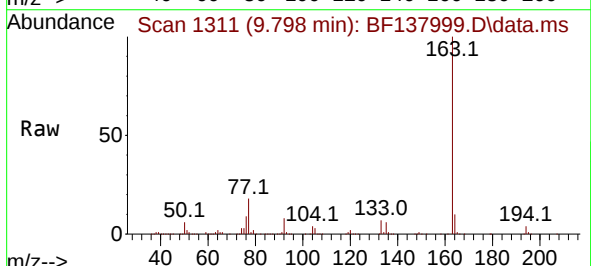
Tgt Ion:163 Resp: 1009381

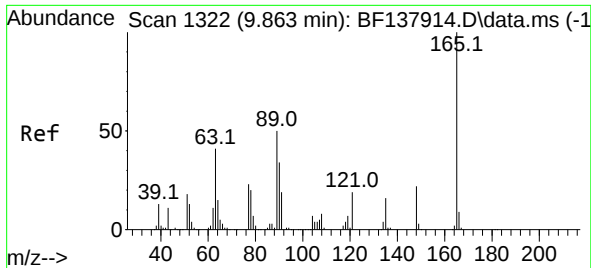
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.1 8.0 12.0

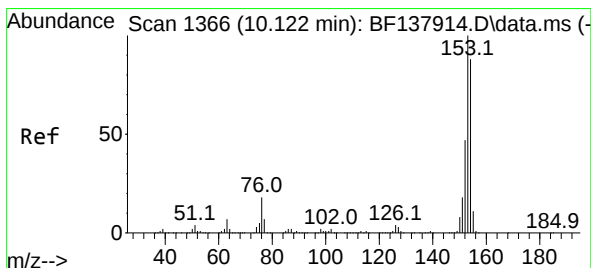
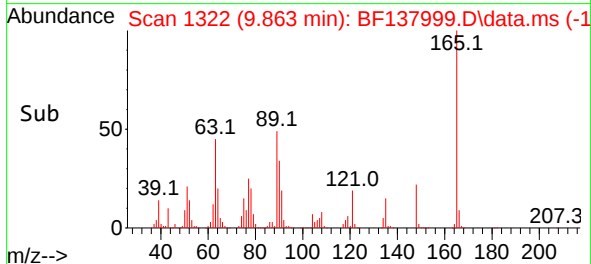
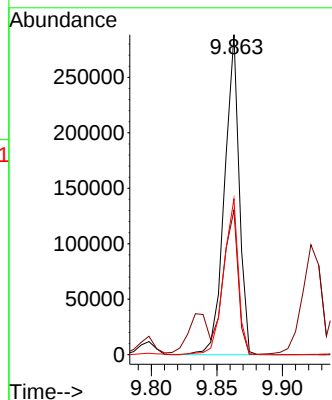
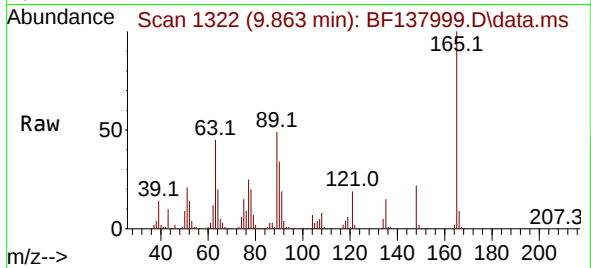




#51
2,6-Dinitrotoluene
Concen: 44.215 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

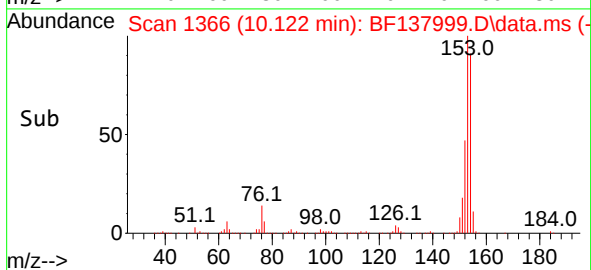
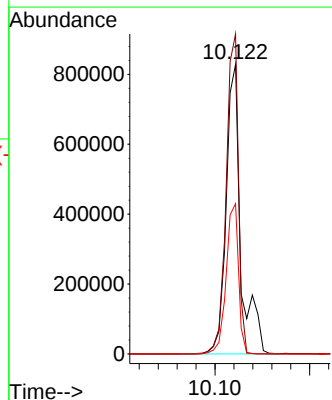
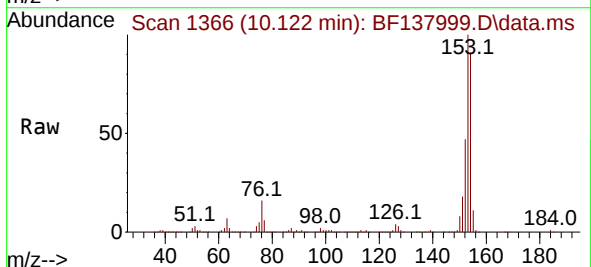
Instrument :
BNA_F
ClientSampleId :
PB161028BS

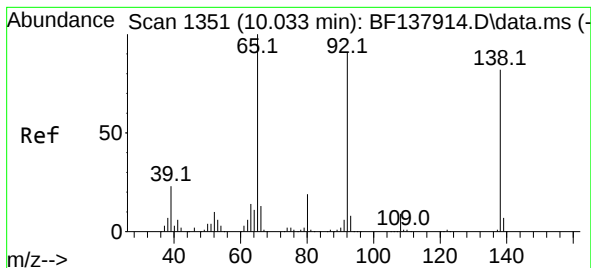
Tgt Ion:165 Resp: 224644
Ion Ratio Lower Upper
165 100
63 45.1 38.9 58.3
89 48.7 40.4 60.6



#52
Acenaphthene
Concen: 47.595 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:154 Resp: 894015
Ion Ratio Lower Upper
154 100
153 110.5 90.4 135.6
152 51.9 42.3 63.5

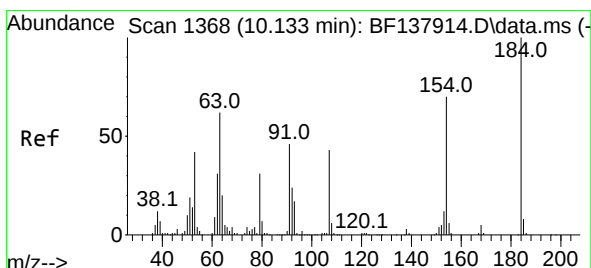
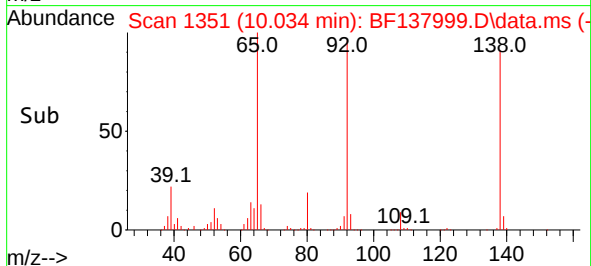
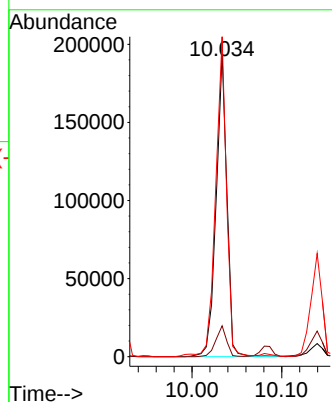
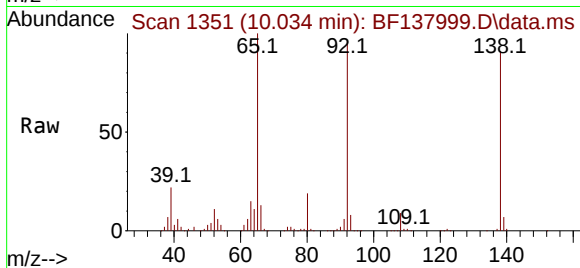




#53
3-Nitroaniline
Concen: 32.581 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

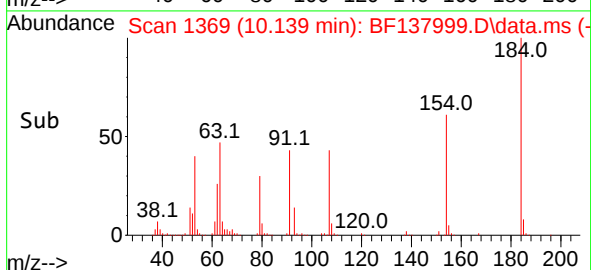
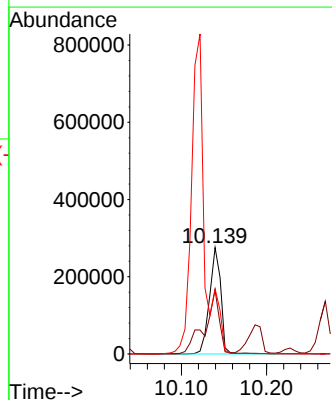
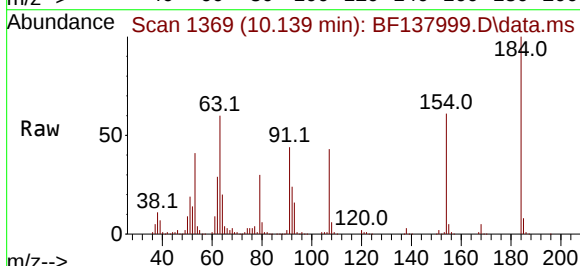
Instrument :
BNA_F
ClientSampleId :
PB161028BS

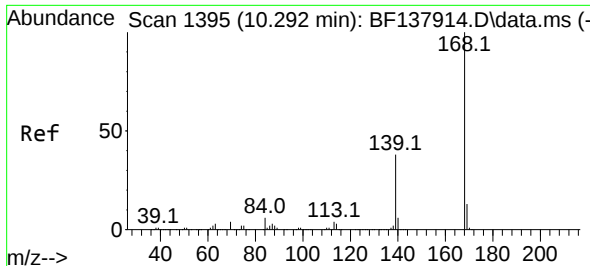
Tgt Ion:138 Resp: 161826
Ion Ratio Lower Upper
138 100
108 10.2 8.8 13.2
92 105.6 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 91.889 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:184 Resp: 255333
Ion Ratio Lower Upper
184 100
63 60.0 50.4 75.6
154 61.1 63.7 95.5#

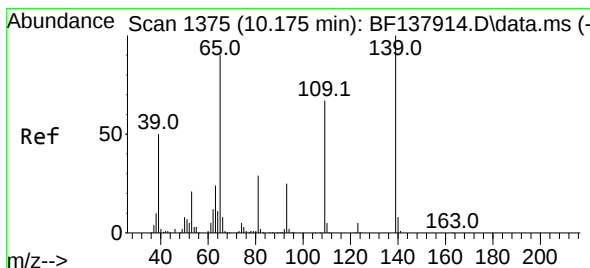
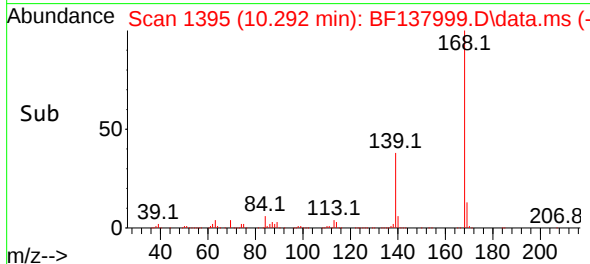
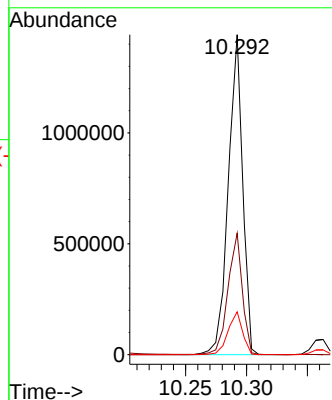
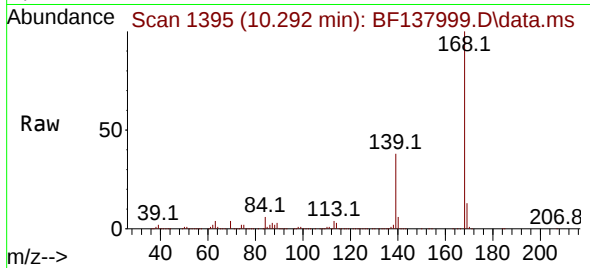




#55
Dibenzofuran
Concen: 43.341 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

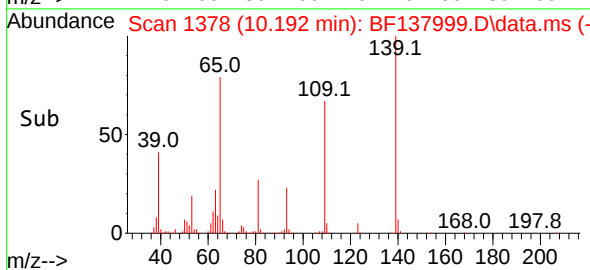
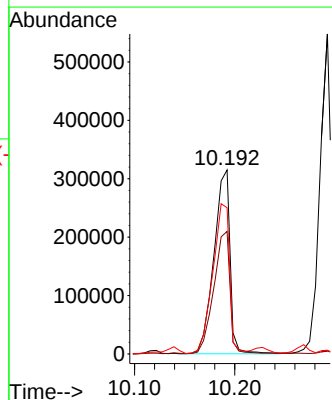
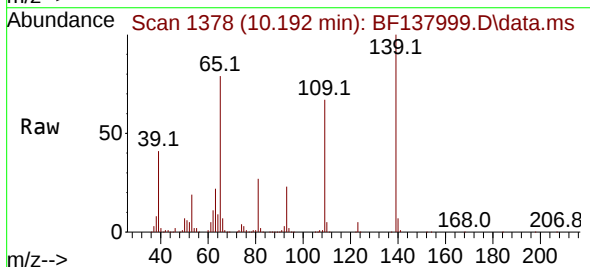
Instrument :
BNA_F
ClientSampleId :
PB161028BS

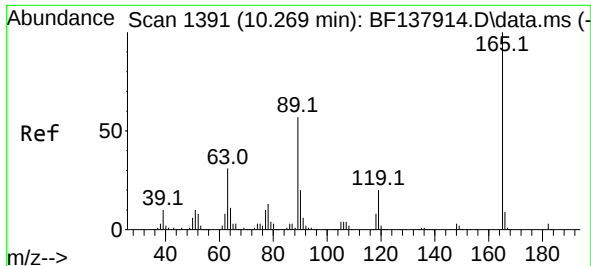
Tgt Ion:168 Resp: 1184807
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 98.583 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.018 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

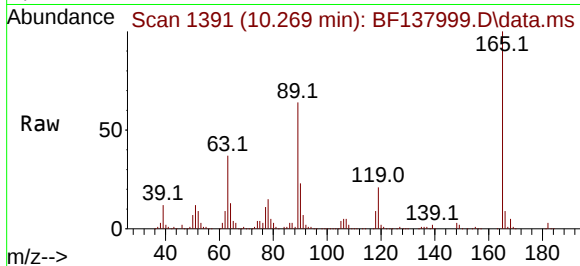
Tgt Ion:139 Resp: 351686
Ion Ratio Lower Upper
139 100
109 66.6 46.5 86.5
65 79.4 70.4 110.4



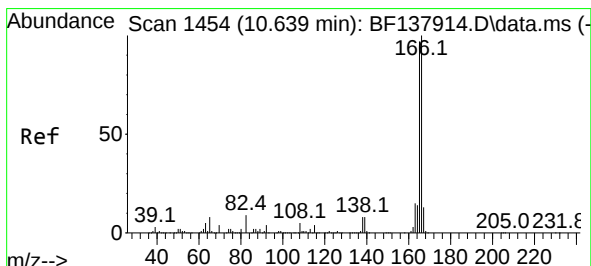
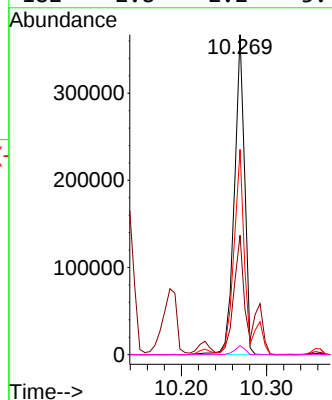
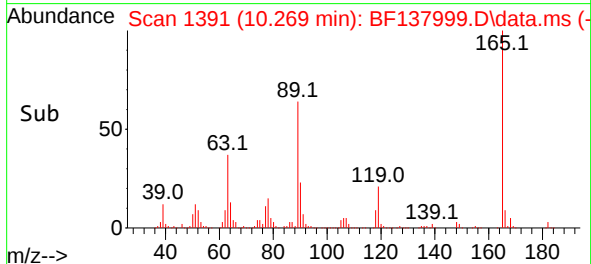


#57
2,4-Dinitrotoluene
Concen: 46.901 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

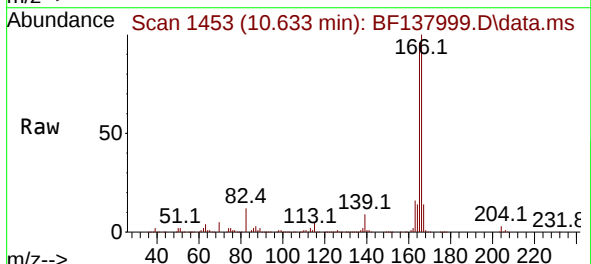
Instrument :
BNA_F
ClientSampleId :
PB161028BS



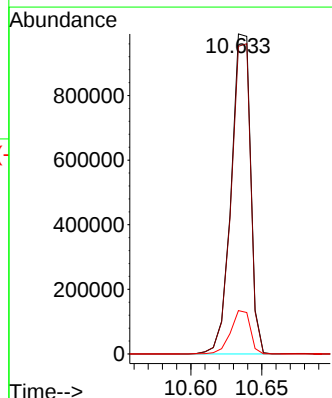
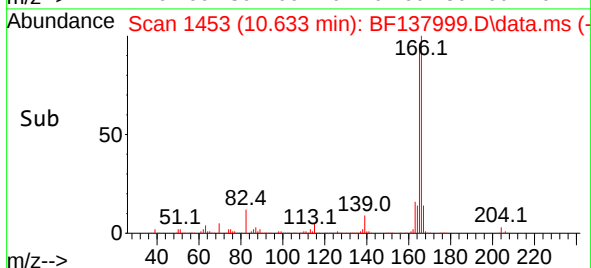
Tgt Ion:165 Resp: 308054
Ion Ratio Lower Upper
165 100
63 37.3 25.3 37.9
89 64.2 45.9 68.9
182 2.8 2.2 3.4

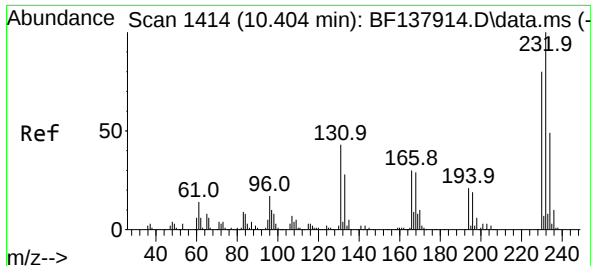


#58
Fluorene
Concen: 43.625 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44



Tgt Ion:166 Resp: 943280
Ion Ratio Lower Upper
166 100
165 96.1 77.8 116.8
167 13.5 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.264 ng

RT: 10.404 min Scan# 1414

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

Tgt Ion:232 Resp: 261056

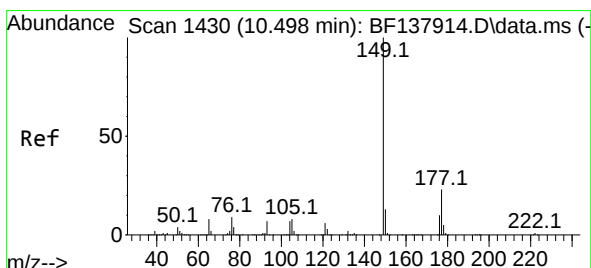
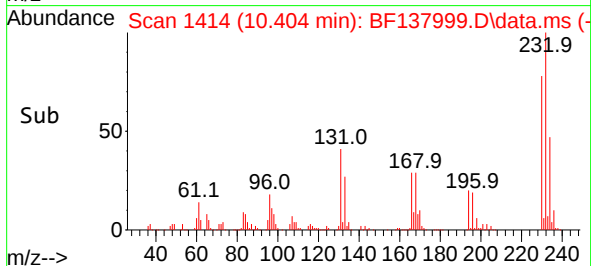
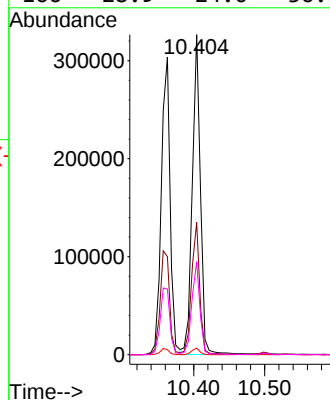
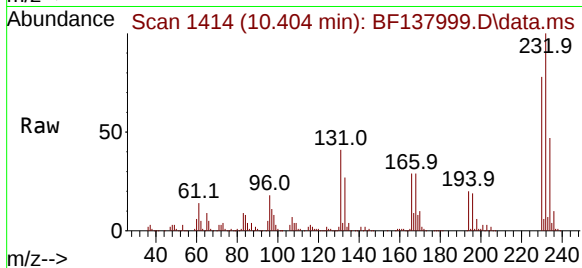
Ion Ratio Lower Upper

232 100

131 41.2 34.4 51.6

130 2.0 1.7 2.5

166 28.9 24.0 36.0



#60

Diethylphthalate

Concen: 45.819 ng

RT: 10.498 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

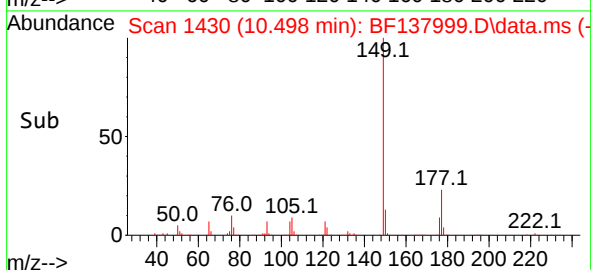
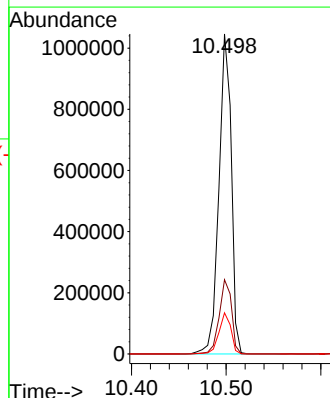
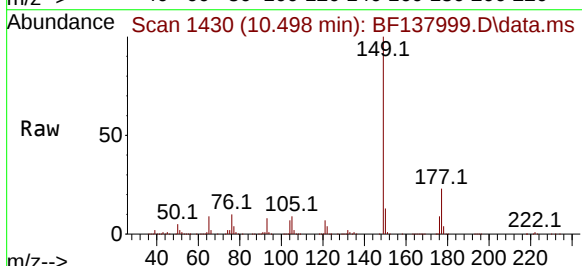
Tgt Ion:149 Resp: 947284

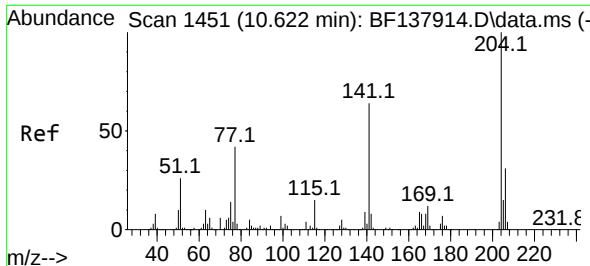
Ion Ratio Lower Upper

149 100

177 23.2 18.4 27.6

150 12.9 10.1 15.1

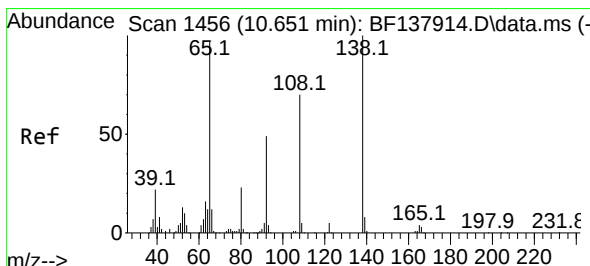
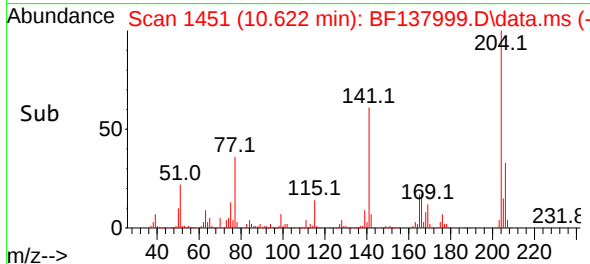
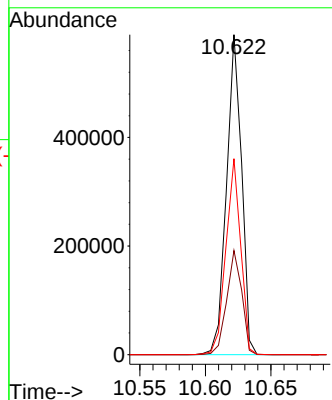
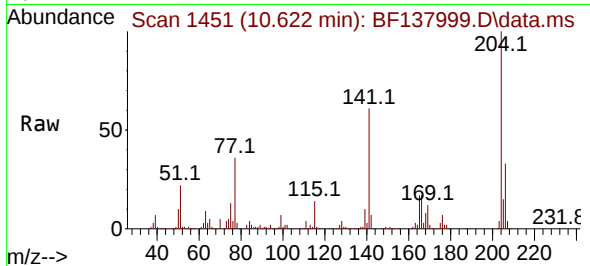




#61
4-Chlorophenyl-phenylether
Concen: 44.063 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

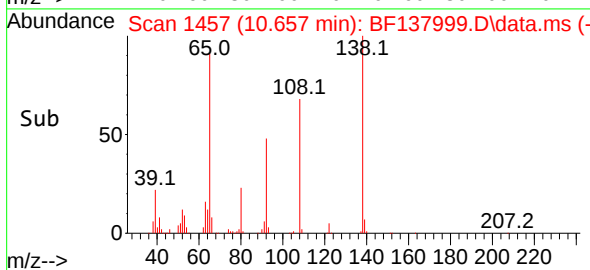
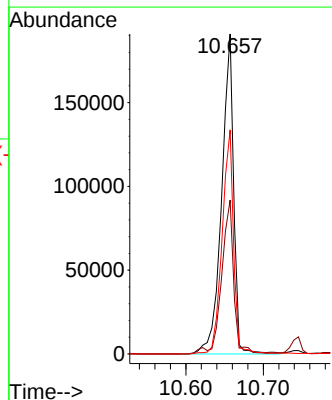
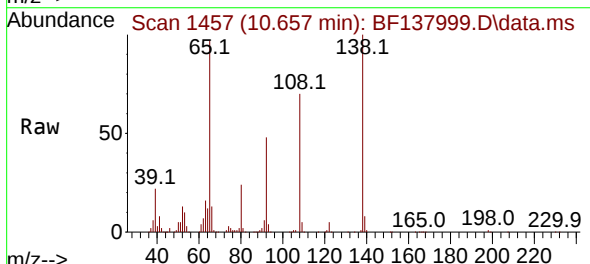
Instrument :
BNA_F
ClientSampleId :
PB161028BS

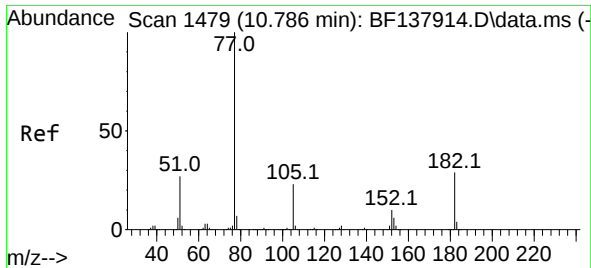
Tgt Ion:204 Resp: 469852
Ion Ratio Lower Upper
204 100
206 32.5 25.1 37.7
141 61.2 51.0 76.6



#62
4-Nitroaniline
Concen: 43.681 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:138 Resp: 205783
Ion Ratio Lower Upper
138 100
92 48.1 29.0 69.0
108 70.1 49.7 89.7

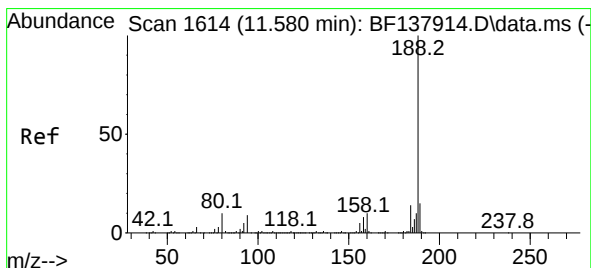
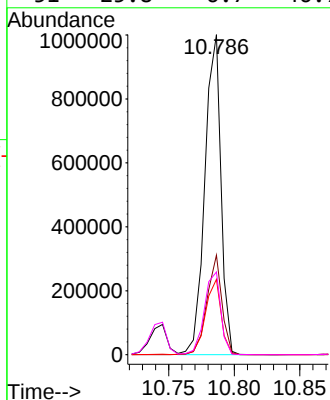
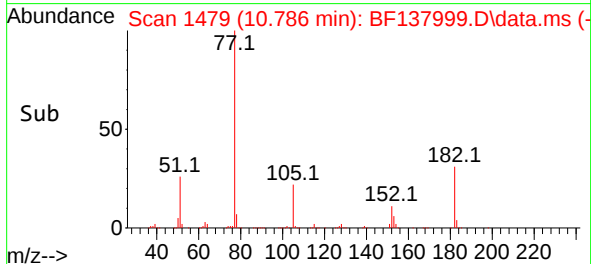
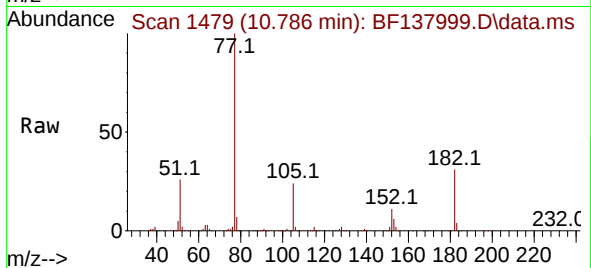




#63
Azobenzene
Concen: 45.488 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

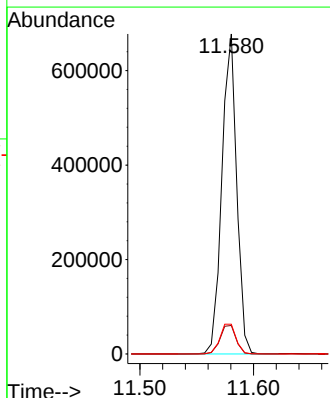
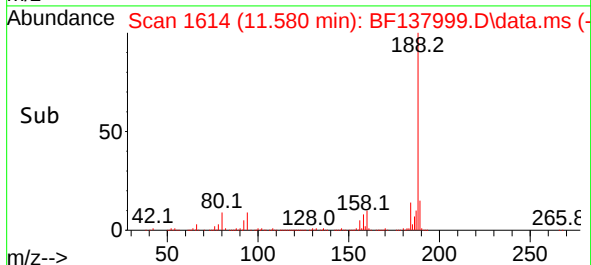
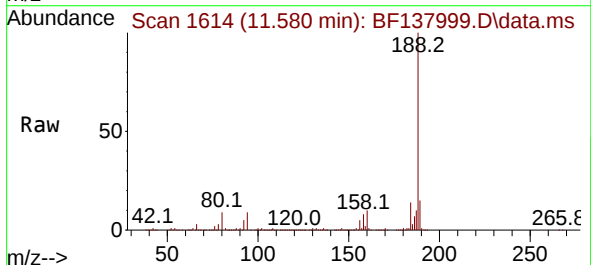
Instrument :
BNA_F
ClientSampleId :
PB161028BS

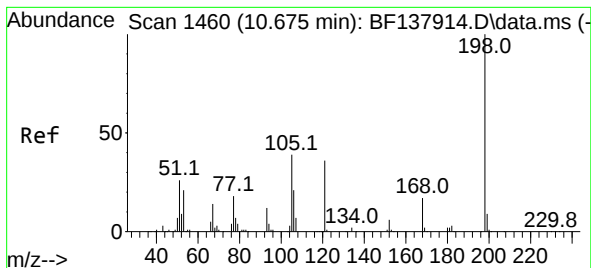
Tgt Ion: 77	Resp: 855424
Ion Ratio	Lower Upper
77 100	
182 31.1	9.2 49.2
105 23.6	3.1 43.1
51 25.8	6.7 46.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:188	Resp: 614670		
Ion Ratio	Lower	Upper	
188 100			
94 8.9	7.0	10.4	
80 9.3	7.7	11.5	

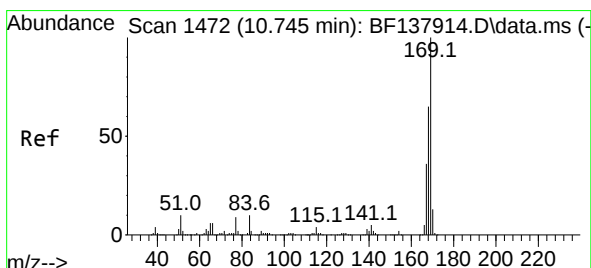
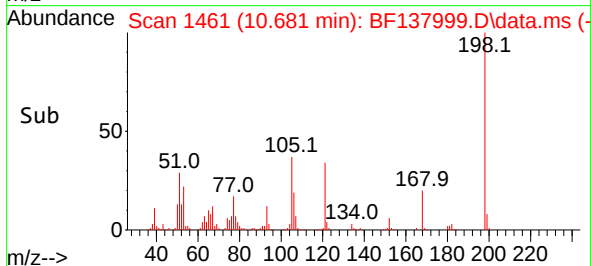
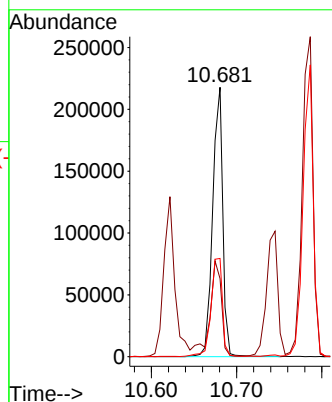
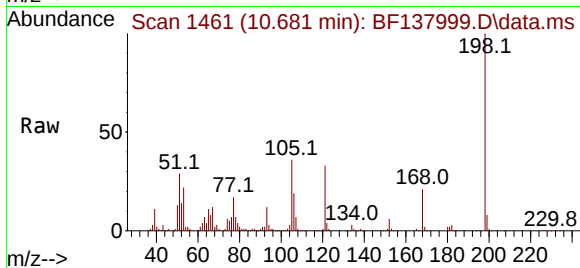




#65
4,6-Dinitro-2-methylphenol
Concen: 50.572 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

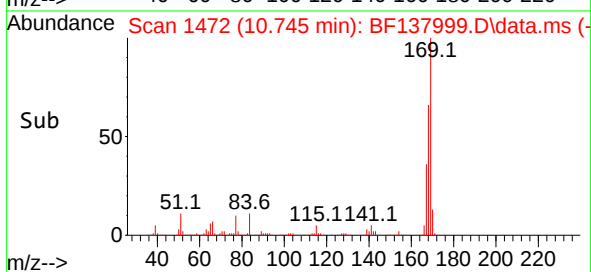
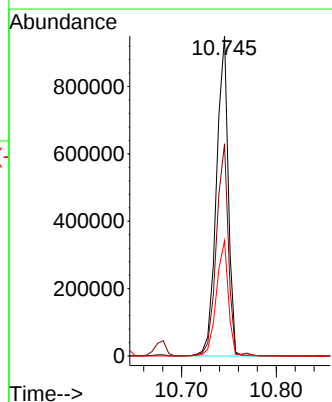
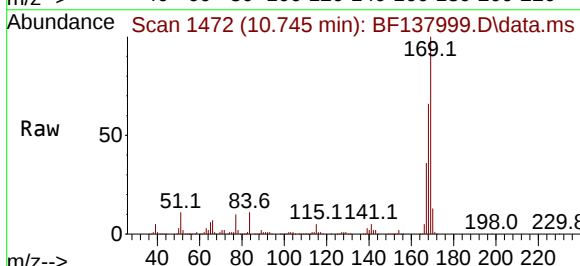
Instrument :
BNA_F
ClientSampleId :
PB161028BS

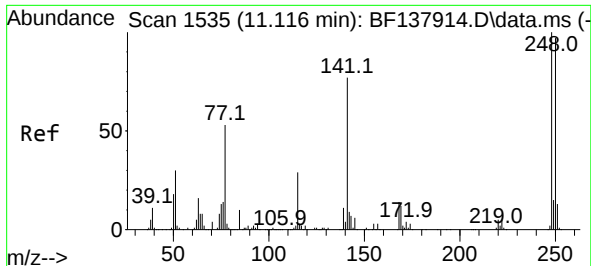
Tgt Ion:198 Resp: 179488
Ion Ratio Lower Upper
198 100
51 29.0 13.8 53.8
105 36.4 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 43.615 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:169 Resp: 822146
Ion Ratio Lower Upper
169 100
168 66.3 52.4 78.6
167 36.0 28.9 43.3

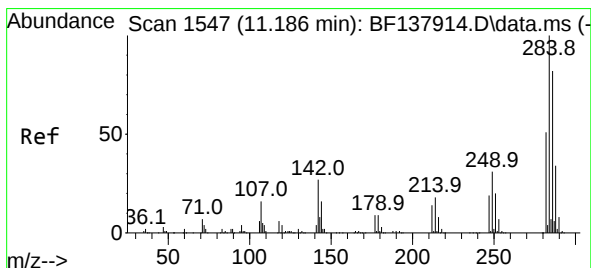
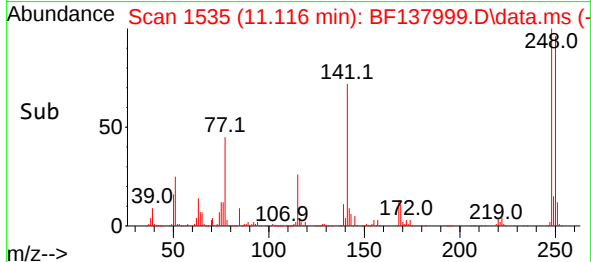
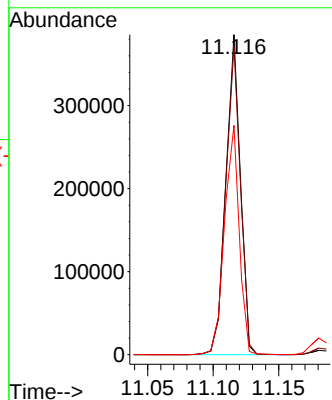
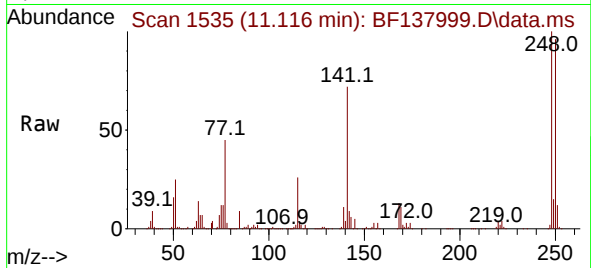




#67
4-Bromophenyl-phenylether
Concen: 44.310 ng
RT: 11.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

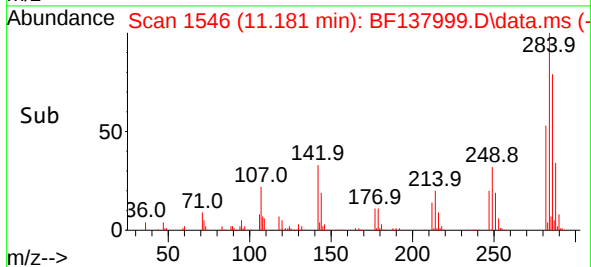
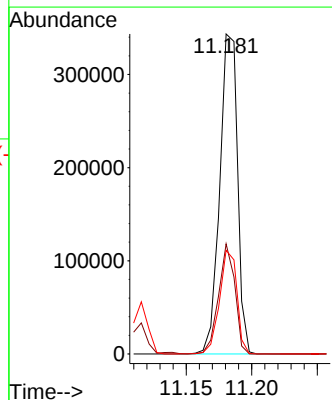
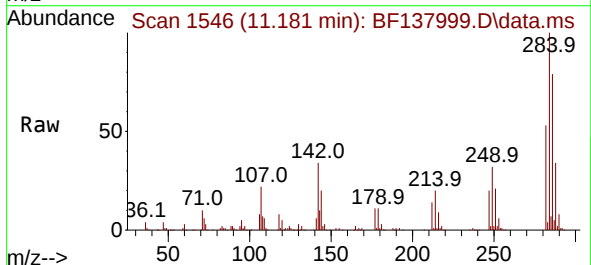
Instrument :
BNA_F
ClientSampleId :
PB161028BS

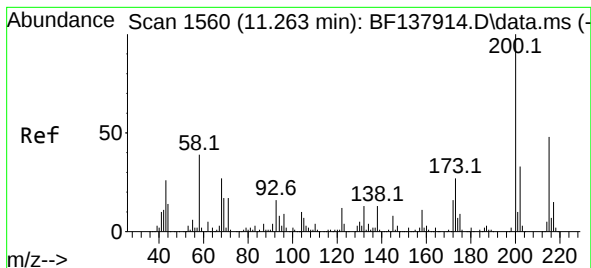
Tgt Ion:248 Resp: 298585
Ion Ratio Lower Upper
248 100
250 96.4 77.6 116.4
141 71.7 61.4 92.2



#68
Hexachlorobenzene
Concen: 43.483 ng
RT: 11.181 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:284 Resp: 323888
Ion Ratio Lower Upper
284 100
142 34.4 21.3 31.9#
249 32.4 24.6 37.0





#69

Atrazine

Concen: 55.052 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

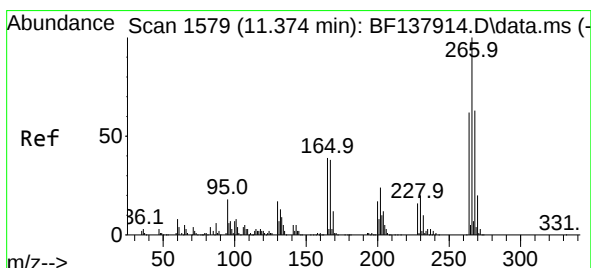
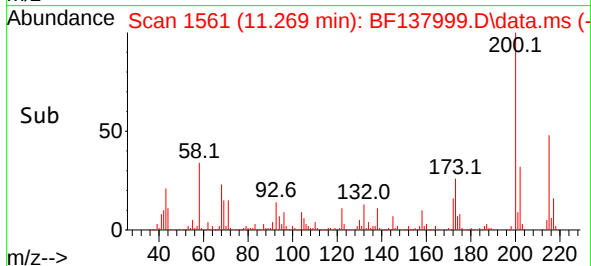
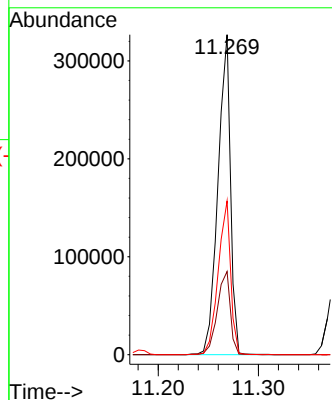
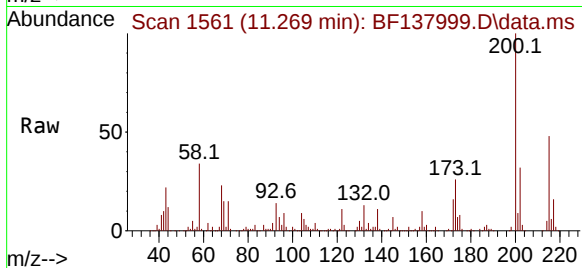
Tgt Ion:200 Resp: 283369

Ion Ratio Lower Upper

200 100

173 26.0 6.6 46.6

215 48.1 27.5 67.5



#70

Pentachlorophenol

Concen: 91.251 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

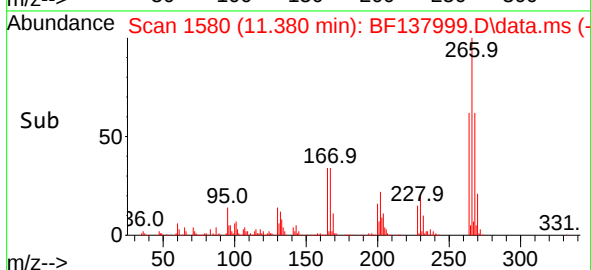
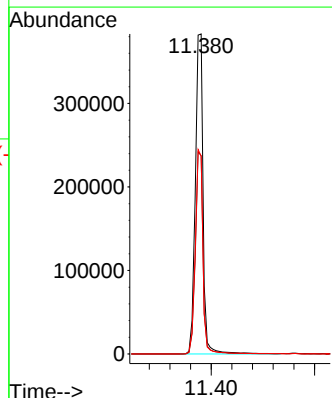
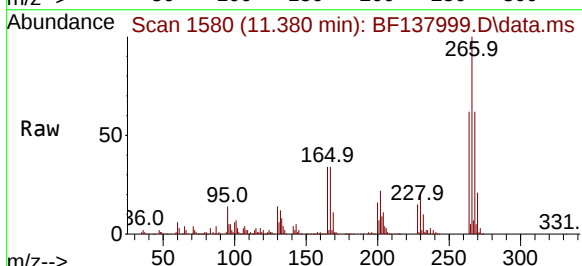
Tgt Ion:266 Resp: 398147

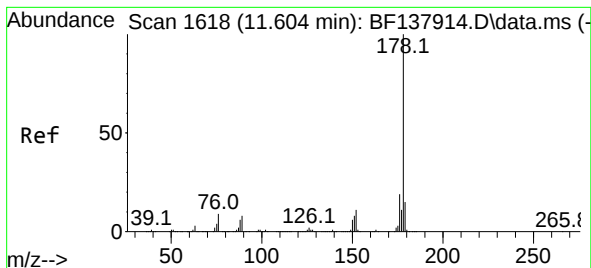
Ion Ratio Lower Upper

266 100

268 62.0 50.1 75.1

264 61.8 49.4 74.2





#71

Phenanthrene

Concen: 44.078 ng

RT: 11.604 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

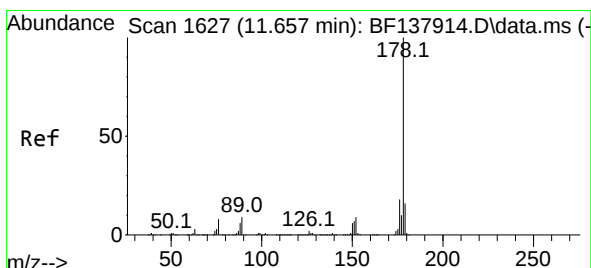
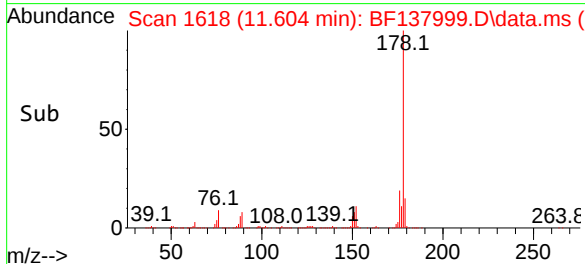
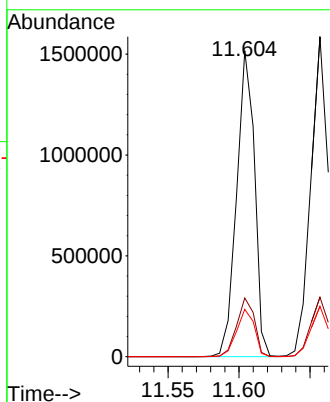
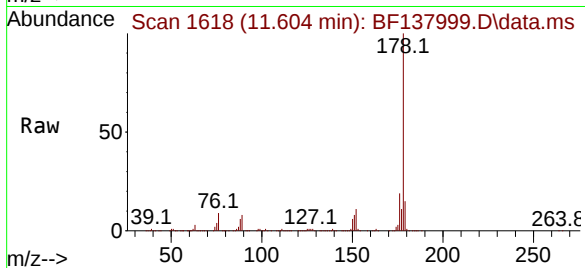
Tgt Ion:178 Resp: 1335129

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.5 12.2 18.4



#72

Anthracene

Concen: 44.502 ng

RT: 11.657 min Scan# 1627

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

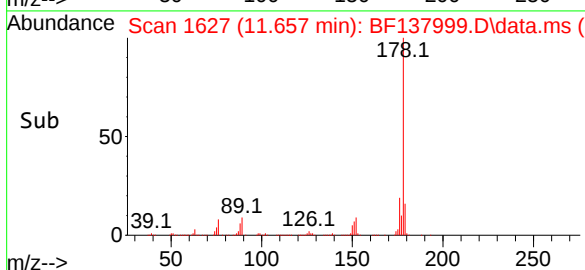
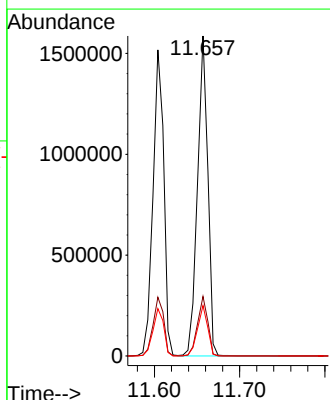
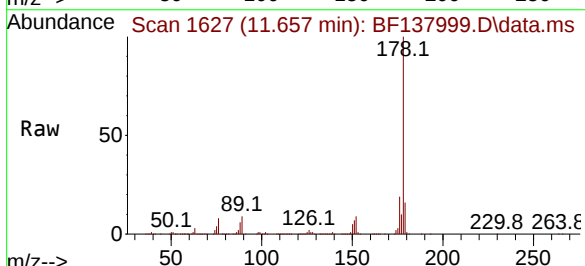
Tgt Ion:178 Resp: 1337431

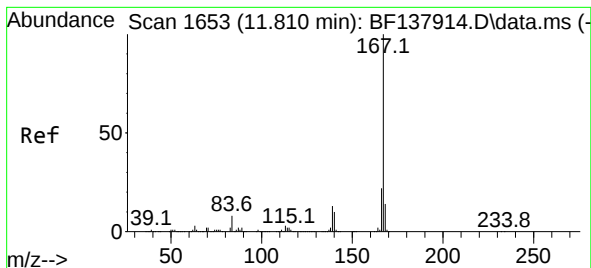
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.8 12.4 18.6





#73

Carbazole

Concen: 43.933 ng

RT: 11.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

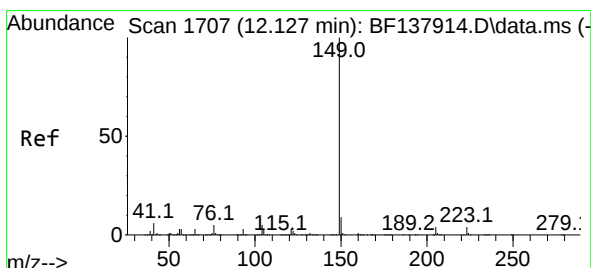
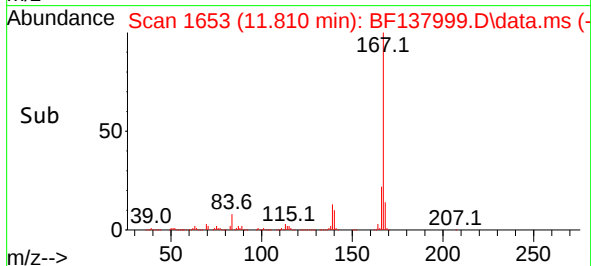
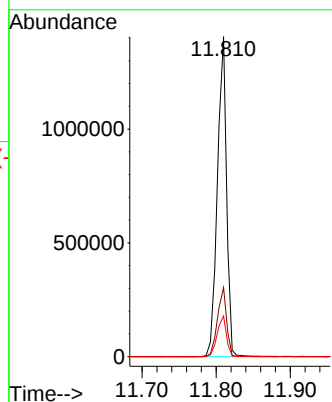
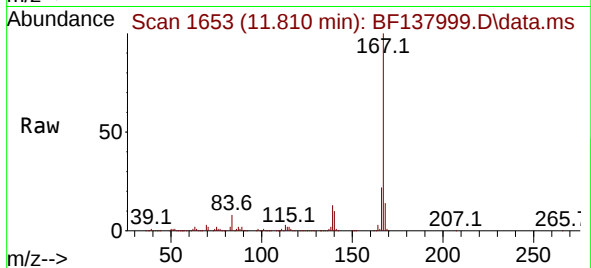
Tgt Ion:167 Resp: 1206118

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 12.7 10.3 15.5



#74

Di-n-butylphthalate

Concen: 48.015 ng

RT: 12.128 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

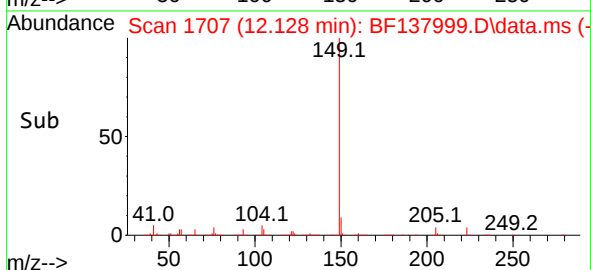
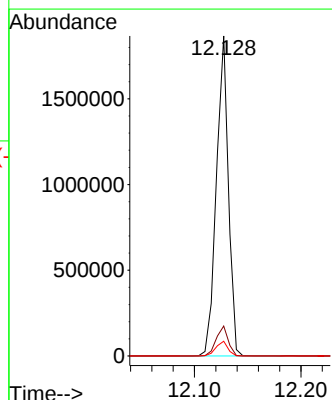
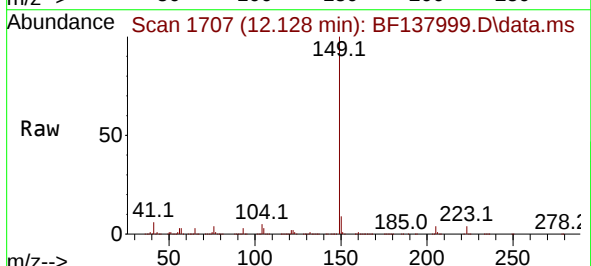
Tgt Ion:149 Resp: 1462925

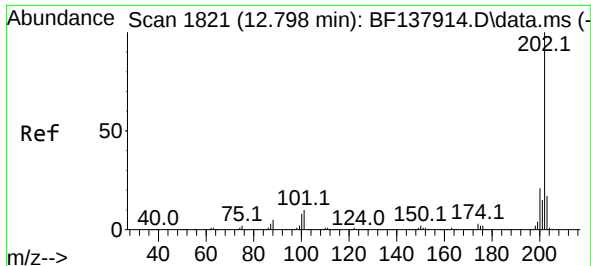
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.6 3.6 5.4

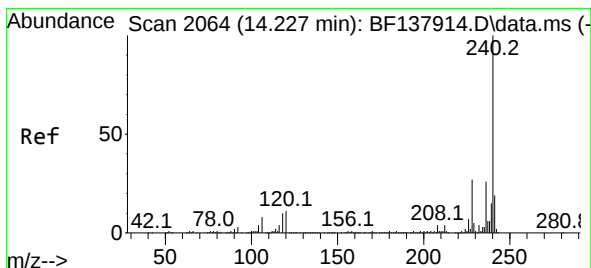
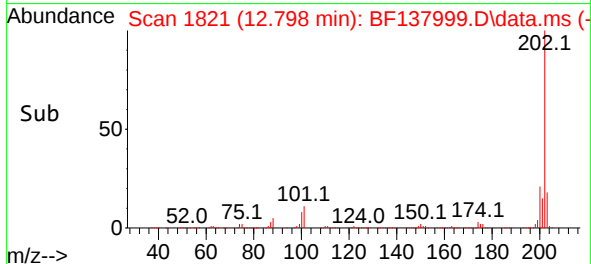
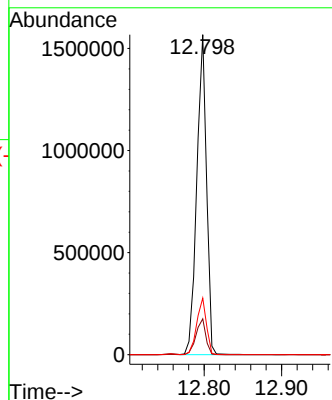
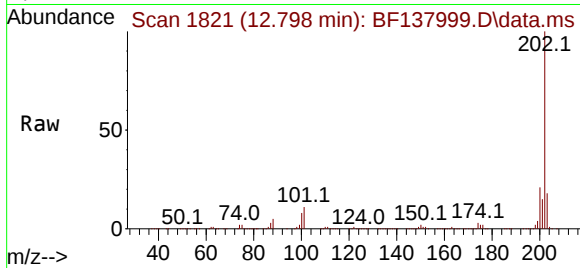




#75
Fluoranthene
Concen: 44.457 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

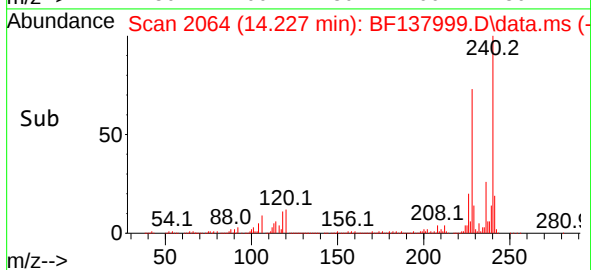
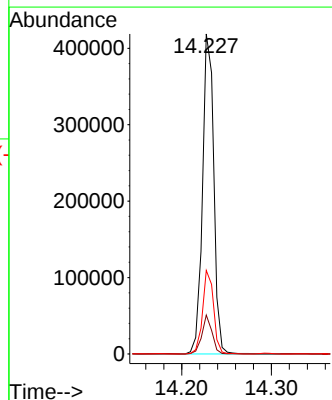
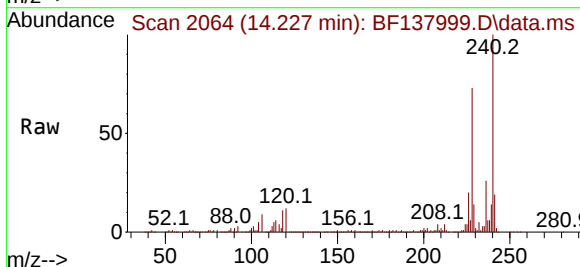
Instrument :
BNA_F
ClientSampleId :
PB161028BS

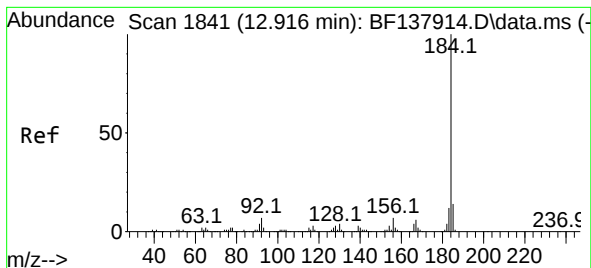
Tgt Ion:202 Resp: 1366847
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.5
203 17.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:240 Resp: 365439
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 26.1 21.0 31.4





#77

Benzidine

Concen: 21.356 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

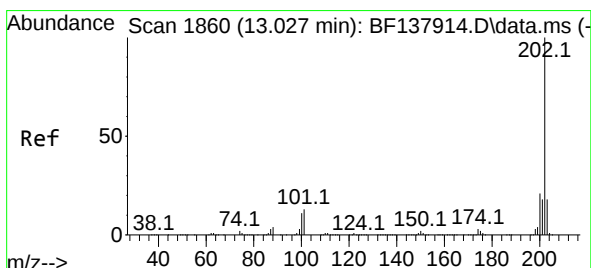
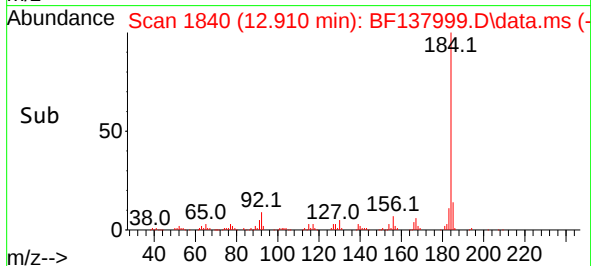
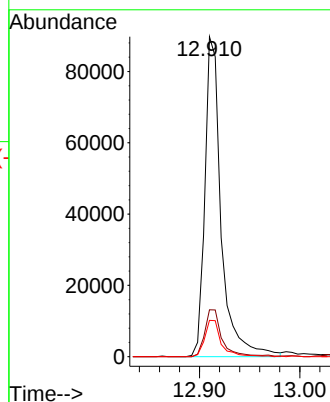
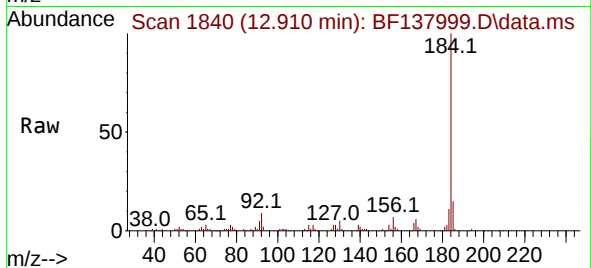
Tgt Ion:184 Resp: 101992

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.2

183 11.4 9.5 14.3



#78

Pyrene

Concen: 43.155 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

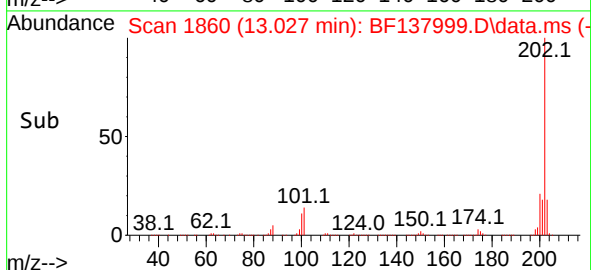
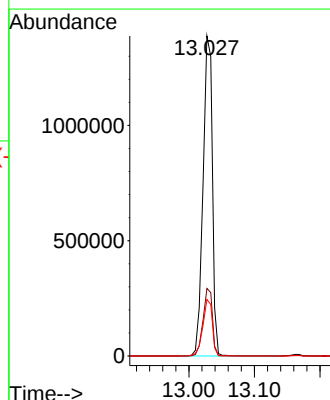
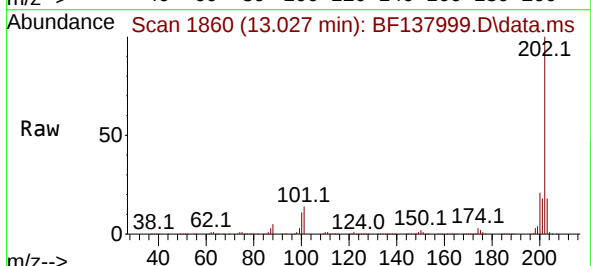
Tgt Ion:202 Resp: 1379363

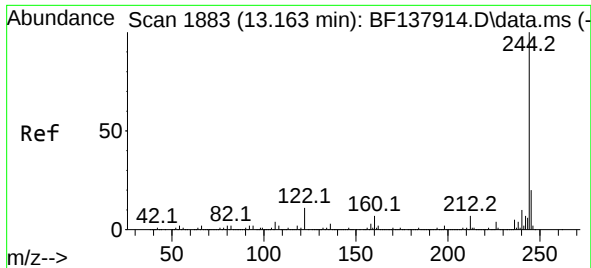
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.7 14.1 21.1

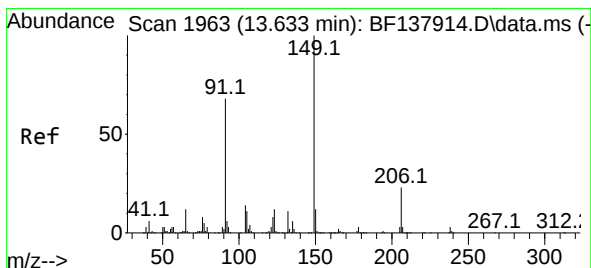
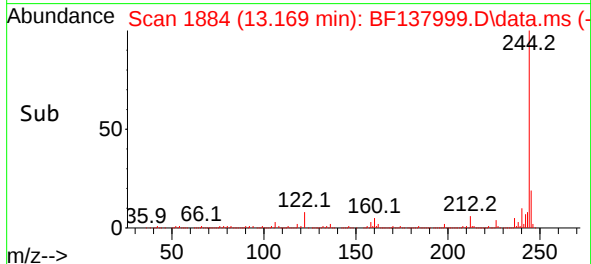
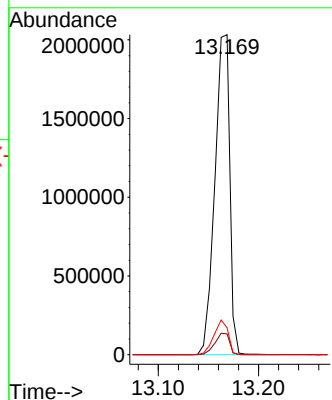
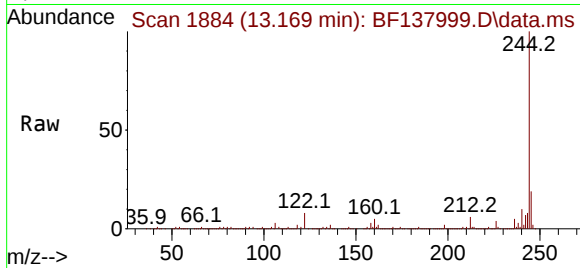




#79
Terphenyl-d14
Concen: 84.715 ng
RT: 13.169 min Scan# 1883
Delta R.T. 0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

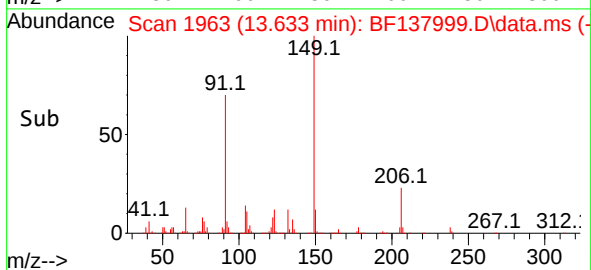
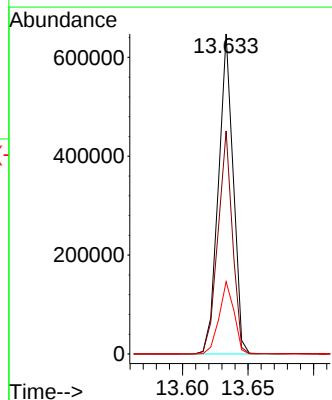
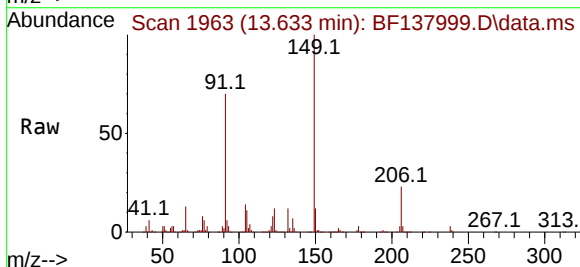
Instrument :
BNA_F
ClientSampleId :
PB161028BS

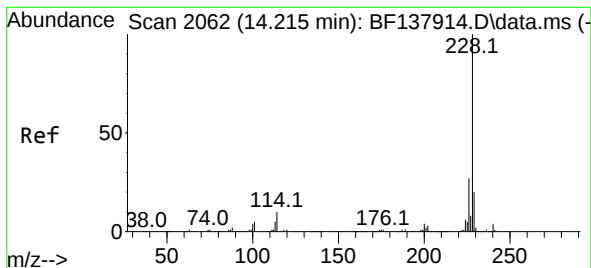
Tgt Ion:244 Resp: 2100560
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 8.4 8.8 13.2#



#80
Butylbenzylphthalate
Concen: 52.478 ng
RT: 13.633 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:149 Resp: 505931
Ion Ratio Lower Upper
149 100
91 69.7 54.2 81.4
206 22.6 18.1 27.1





#81

Benzo(a)anthracene

Concen: 46.701 ng

RT: 14.216 min Scan# 2062

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

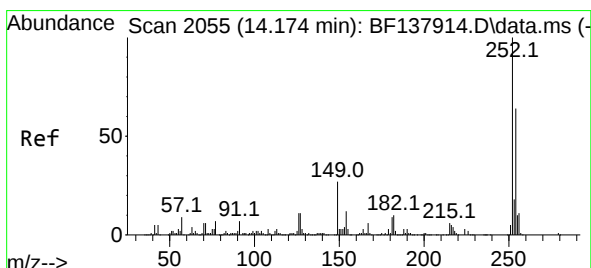
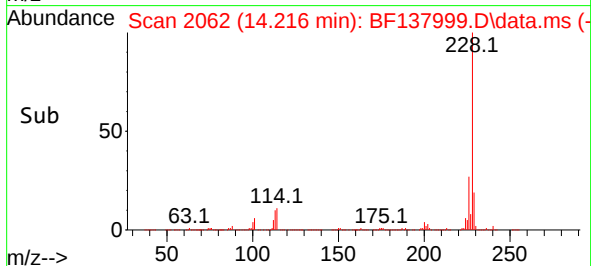
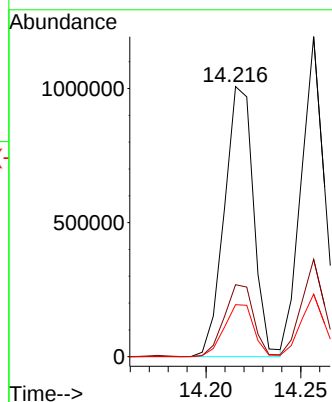
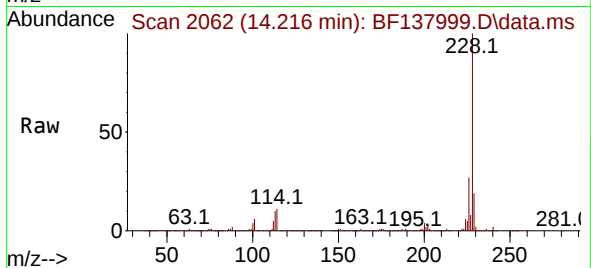
Tgt Ion:228 Resp: 1079721

Ion Ratio Lower Upper

228 100

226 26.7 21.3 31.9

229 19.3 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 32.498 ng

RT: 14.174 min Scan# 2055

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

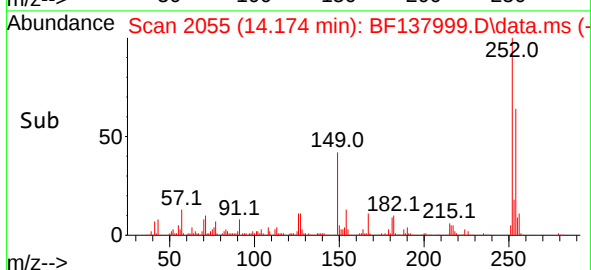
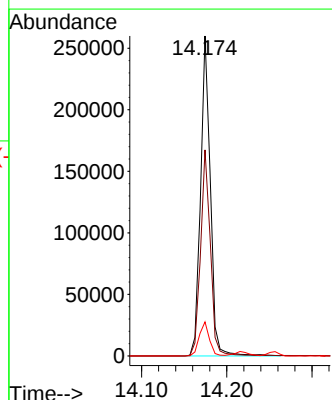
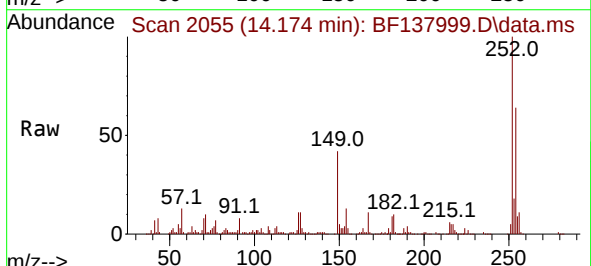
Tgt Ion:252 Resp: 208221

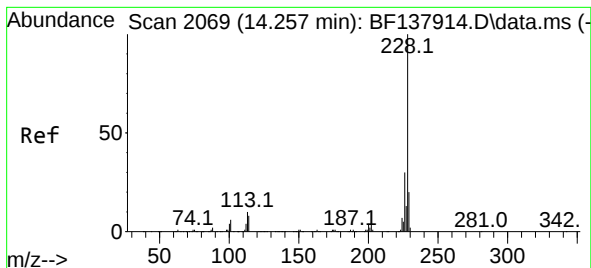
Ion Ratio Lower Upper

252 100

254 64.4 51.2 76.8

126 10.7 8.7 13.1





#83

Chrysene

Concen: 45.122 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

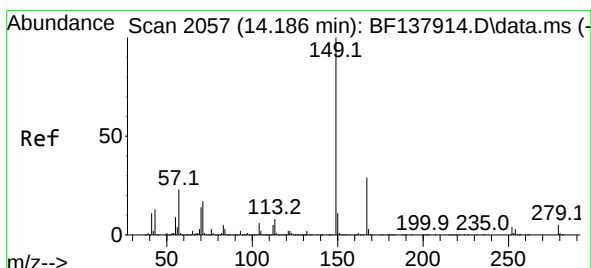
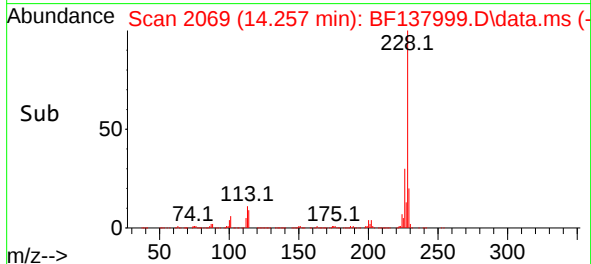
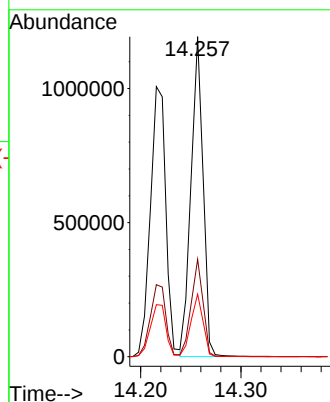
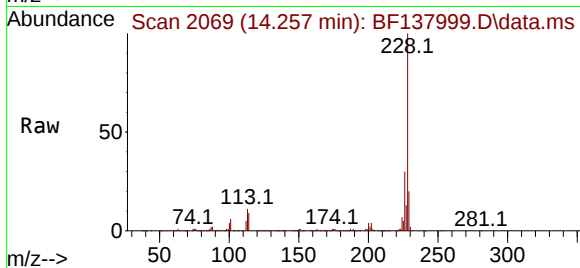
Tgt Ion:228 Resp: 997697

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.8

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.716 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

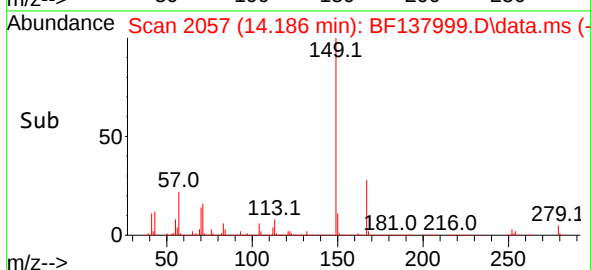
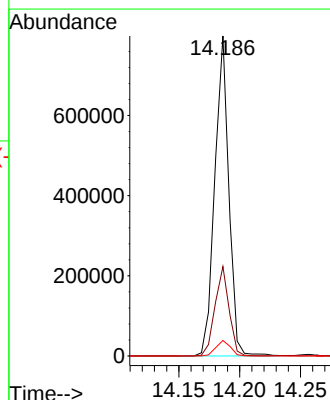
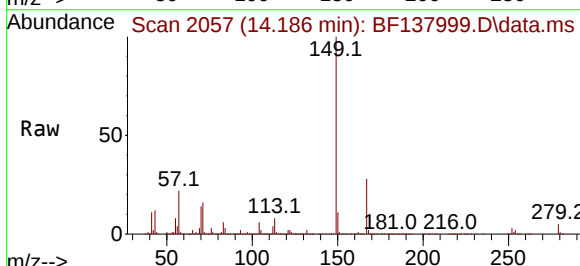
Tgt Ion:149 Resp: 638870

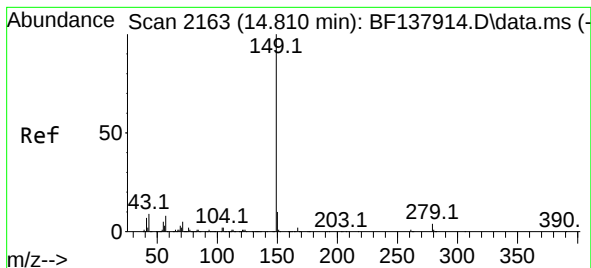
Ion Ratio Lower Upper

149 100

167 27.9 23.2 34.8

279 4.8 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 54.044 ng

RT: 14.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

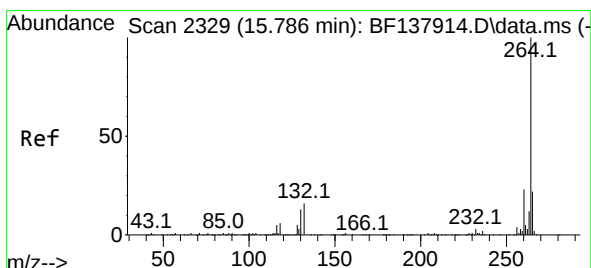
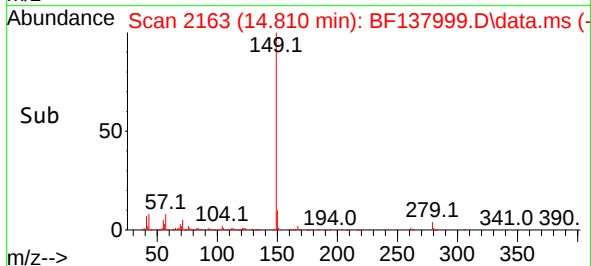
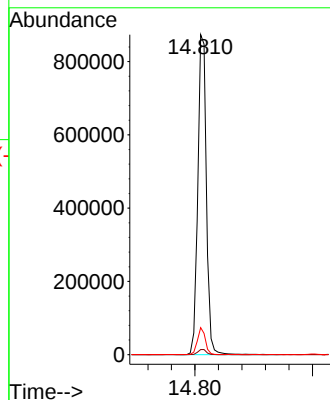
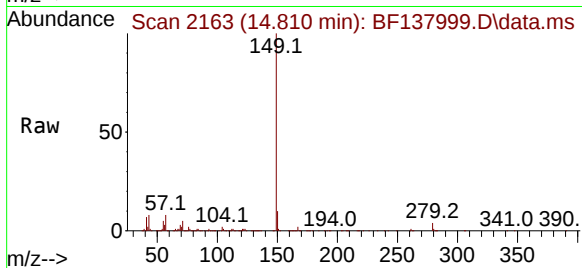
Tgt Ion:149 Resp: 884832

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 7.8 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: BF137999.D

Acq: 22 May 2024 11:44

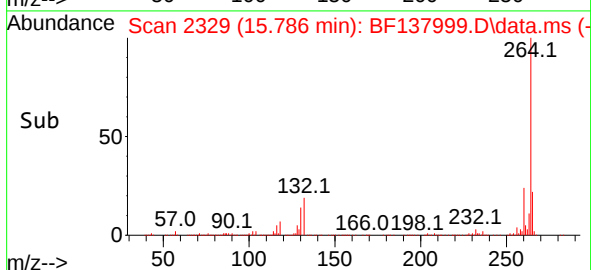
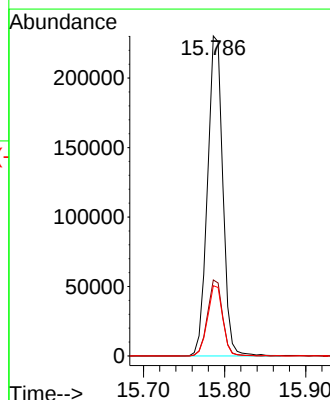
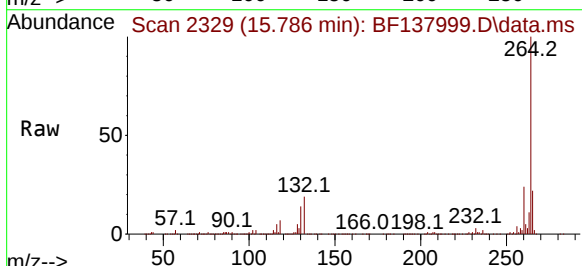
Tgt Ion:264 Resp: 301176

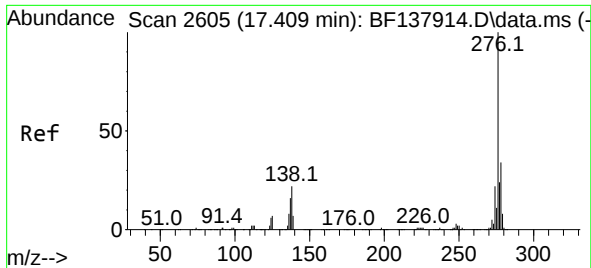
Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 21.9 17.6 26.4

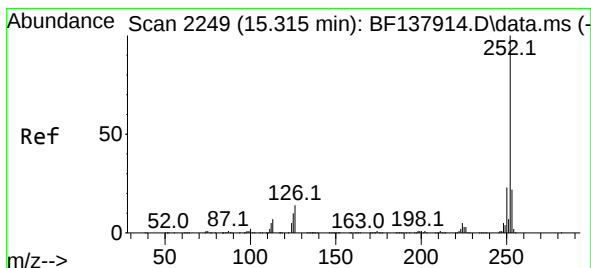
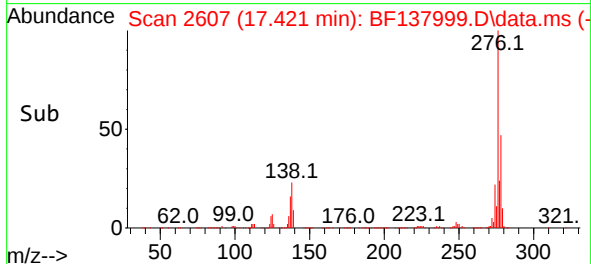
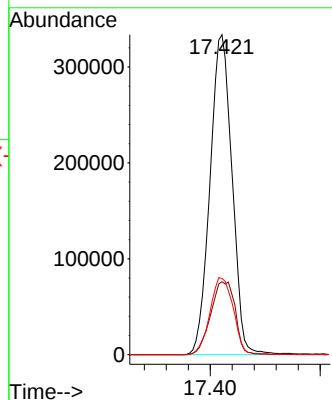
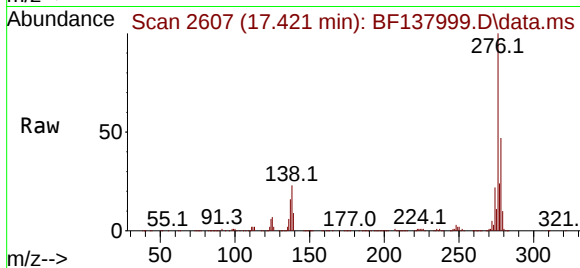




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.020 ng
RT: 17.421 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

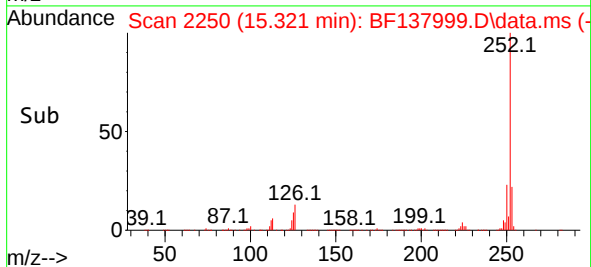
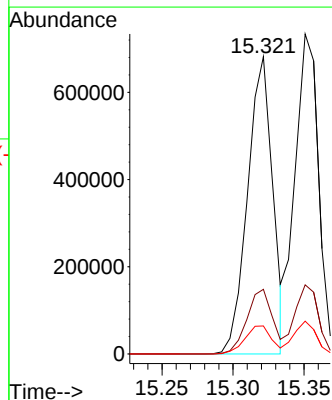
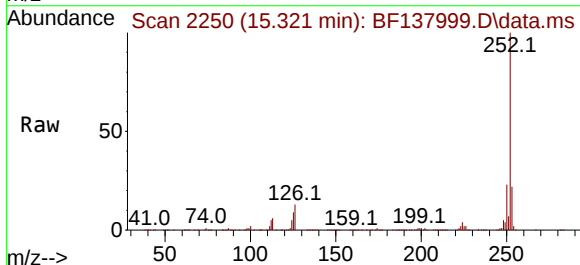
Instrument :
BNA_F
ClientSampleId :
PB161028BS

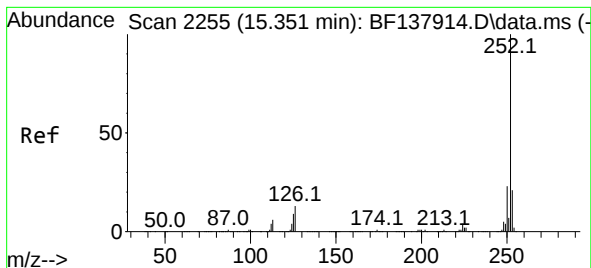
Tgt Ion:276 Resp: 929169
Ion Ratio Lower Upper
276 100
138 25.3 20.6 30.8
277 25.5 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 47.945 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:252 Resp: 836084
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.4 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 49.670 ng

RT: 15.351 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

Instrument :

BNA_F

ClientSampleId :

PB161028BS

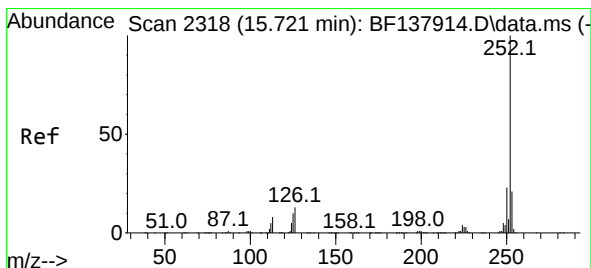
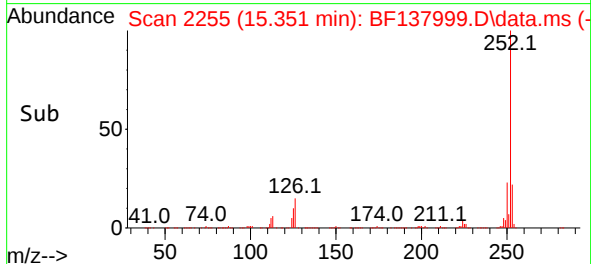
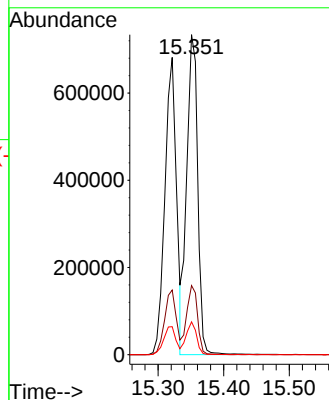
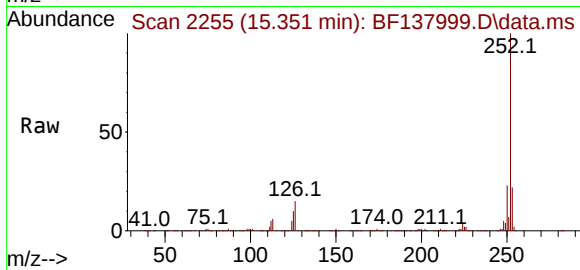
Tgt Ion:252 Resp: 850914

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.3 7.7 11.5



#90

Benzo(a)pyrene

Concen: 50.560 ng

RT: 15.721 min Scan# 2318

Delta R.T. 0.000 min

Lab File: BF137999.D

Acq: 22 May 2024 11:44

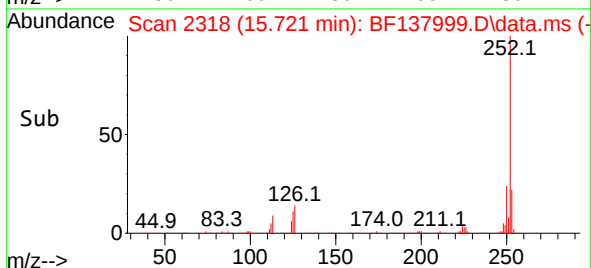
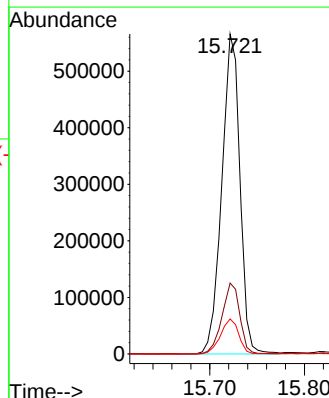
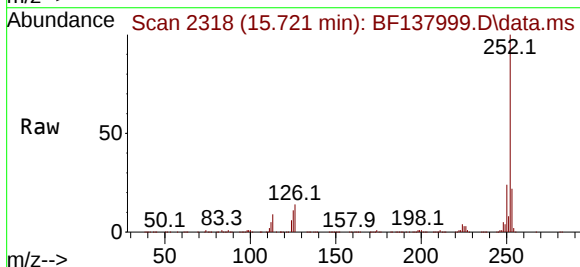
Tgt Ion:252 Resp: 752870

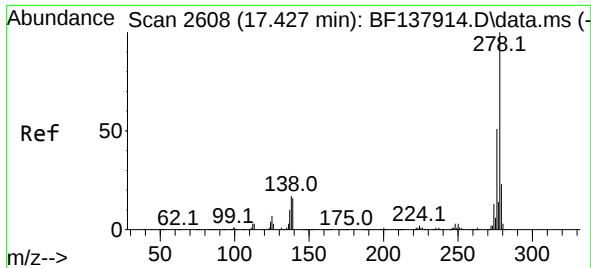
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 11.0 7.8 11.8

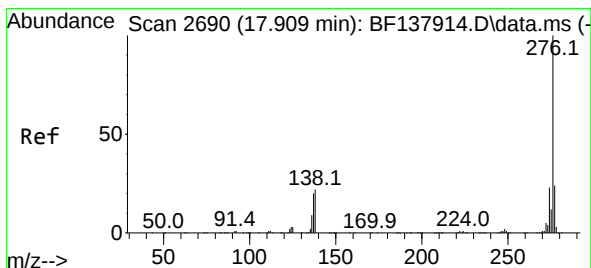
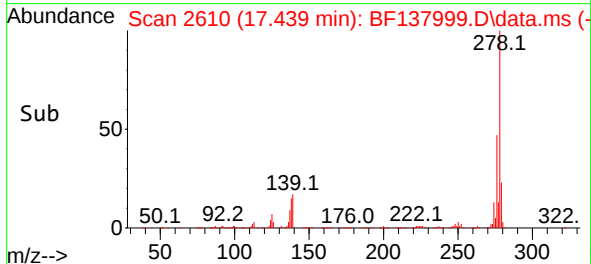
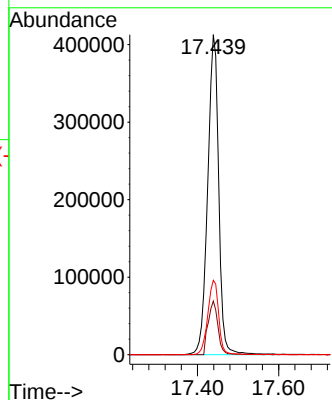
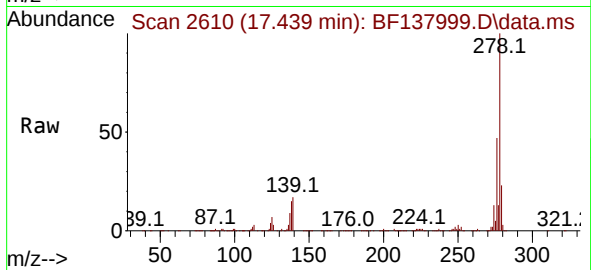




#91
Dibenzo(a,h)anthracene
Concen: 48.472 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.012 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Instrument :
BNA_F
ClientSampleId :
PB161028BS

Tgt Ion:278 Resp: 774919
Ion Ratio Lower Upper
278 100
139 16.8 13.1 19.7
279 23.2 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 43.608 ng
RT: 17.921 min Scan# 2692
Delta R.T. 0.012 min
Lab File: BF137999.D
Acq: 22 May 2024 11:44

Tgt Ion:276 Resp: 732361
Ion Ratio Lower Upper
276 100
277 24.9 18.9 28.3
138 21.5 17.6 26.4

