

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030224\
 Data File : BF137471.D
 Acq On : 02 Mar 2024 13:53
 Operator : CG\JU
 Sample : PB159386BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159386BS

Quant Time: Mar 04 00:32:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	235069	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	949670	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	525956	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	942320	20.000	ng	0.00
76) Chrysene-d12	14.051	240	508355	20.000	ng	0.00
86) Perylene-d12	15.574	264	448907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1957920	126.148	ng	0.02
7) Phenol-d6	6.510	99	2716541	121.253	ng	0.00
23) Nitrobenzene-d5	7.428	82	1729238	84.606	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	680292	147.287	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2750598	81.864	ng	0.00
79) Terphenyl-d14	12.992	244	3197061	86.481	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	320127	37.722	ng	99
3) Pyridine	3.557	79	719243	35.141	ng	98
4) n-Nitrosodimethylamine	3.540	42	391020	47.228	ng	99
6) Aniline	6.534	93	665964	24.327	ng	97
8) 2-Chlorophenol	6.651	128	796391	48.648	ng	99
9) Benzaldehyde	6.416	77	89367	8.142	ng	99
10) Phenol	6.522	94	1050325	43.557	ng	95
11) bis(2-Chloroethyl)ether	6.604	93	822322	46.536	ng	100
12) 1,3-Dichlorobenzene	6.798	146	792191	45.286	ng	99
13) 1,4-Dichlorobenzene	6.875	146	828390	46.284	ng	98
14) 1,2-Dichlorobenzene	7.028	146	767544	46.722	ng	98
15) Benzyl Alcohol	7.010	79	731792	52.467	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1322059	43.525	ng	96
17) 2-Methylphenol	7.122	107	658043	42.958	ng	97
18) Hexachloroethane	7.363	117	284023	48.194	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	594104	42.943	ng	99
20) 3+4-Methylphenols	7.275	107	747399	42.602	ng	91
22) Acetophenone	7.269	105	1043086	45.396	ng	# 96
24) Nitrobenzene	7.445	77	916691	44.647	ng	96
25) Isophorone	7.681	82	1773044	45.661	ng	98
26) 2-Nitrophenol	7.757	139	405467	49.742	ng	94
27) 2,4-Dimethylphenol	7.798	122	600175	39.404	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	1042549	45.760	ng	98
29) 2,4-Dichlorophenol	7.998	162	655317	46.879	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	679069	46.162	ng	99
31) Naphthalene	8.157	128	2215879	43.488	ng	100
32) Benzoic acid	7.945	122	442544	50.131	ng	99
33) 4-Chloroaniline	8.210	127	307784	15.405	ng	99
34) Hexachlorobutadiene	8.275	225	393686	45.331	ng	99
35) Caprolactam	8.592	113	117159	24.717	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	738357	47.254	ng	98
37) 2-Methylnaphthalene	8.851	142	1375767	42.354	ng	100
38) 1-Methylnaphthalene	8.951	142	1307578	42.746	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	664570	45.260	ng	99
41) Hexachlorocyclopentadiene	9.004	237	569972	93.561	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	458438	47.944	ng	99

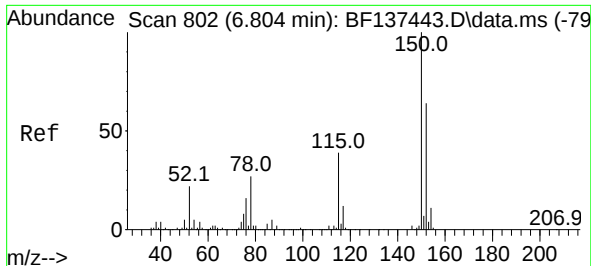
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030224\
 Data File : BF137471.D
 Acq On : 02 Mar 2024 13:53
 Operator : CG\JU
 Sample : PB159386BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159386BS

Quant Time: Mar 04 00:32:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

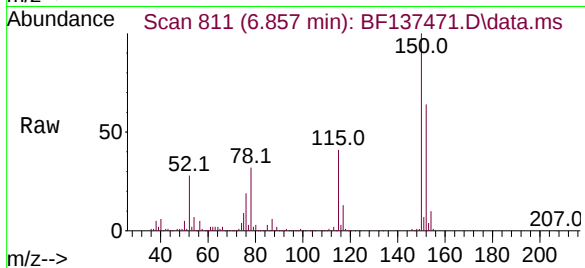
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	477309	43.333	ng	95
46) 1,1'-Biphenyl	9.316	154	1715842	44.573	ng	99
47) 2-Chloronaphthalene	9.339	162	1354575	46.153	ng	98
48) 2-Nitroaniline	9.445	65	496095	49.731	ng	96
49) Acenaphthylene	9.757	152	2131281	45.376	ng	100
50) Dimethylphthalate	9.627	163	1660296	45.348	ng	100
51) 2,6-Dinitrotoluene	9.686	165	367109	47.939	ng	100
52) Acenaphthene	9.933	154	1207948	43.078	ng	98
53) 3-Nitroaniline	9.857	138	254253	31.389	ng	99
54) 2,4-Dinitrophenol	9.969	184	379945	99.489	ng	98
55) Dibenzofuran	10.104	168	1825857	42.751	ng	99
56) 4-Nitrophenol	10.033	139	552107	94.911	ng	96
57) 2,4-Dinitrotoluene	10.092	165	451347	47.973	ng	91
58) Fluorene	10.451	166	1396660	42.582	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	415549	47.046	ng	92
60) Diethylphthalate	10.333	149	1547711	44.765	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	683684	42.531	ng	97
62) 4-Nitroaniline	10.486	138	328282	47.154	ng	98
63) Azobenzene	10.604	77	1804961	45.337	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	268227	51.071	ng	97
66) n-Nitrosodiphenylamine	10.569	169	1309634	43.160	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	451167	43.958	ng	98
68) Hexachlorobenzene	10.992	284	488790	47.152	ng	98
69) Atrazine	11.098	200	393021	42.606	ng	96
70) Pentachlorophenol	11.198	266	566108	90.337	ng	99
71) Phenanthrene	11.416	178	2194015	42.783	ng	98
72) Anthracene	11.469	178	2227453	42.290	ng	100
73) Carbazole	11.627	167	2018840	44.748	ng	100
74) Di-n-butylphthalate	11.963	149	2386625	44.462	ng	99
75) Fluoranthene	12.610	202	2187010	43.629	ng	98
77) Benzidine	12.745	184	195449	15.711	ng	99
78) Pyrene	12.839	202	2267614	45.460	ng	99
80) Butylbenzylphthalate	13.474	149	676701	53.121	ng	100
81) Benzo(a)anthracene	14.039	228	1624061	45.581	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	368402	38.827	ng	99
83) Chrysene	14.080	228	1628092	45.211	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	816004	50.397	ng	99
85) Di-n-octyl phthalate	14.662	149	1401964	45.286	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	1533064	51.896	ng	98
88) Benzo(b)fluoranthene	15.121	252	1310095	49.336	ng	99
89) Benzo(k)fluoranthene	15.151	252	1374716	48.198	ng	98
90) Benzo(a)pyrene	15.509	252	1236722	47.260	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	1241350	51.801	ng	99
92) Benzo(g,h,i)perylene	17.645	276	1256624	51.060	ng	98

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

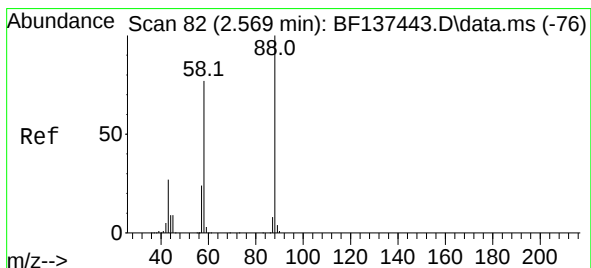
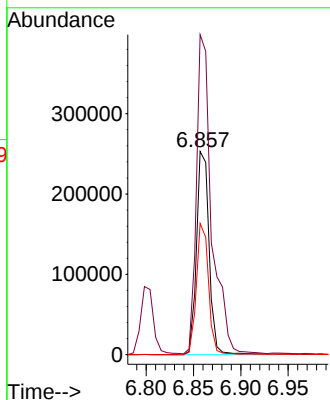
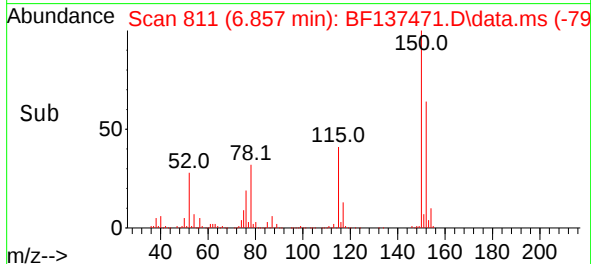


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Instrument :
BNA_F
ClientSampleId :
PB159386BS

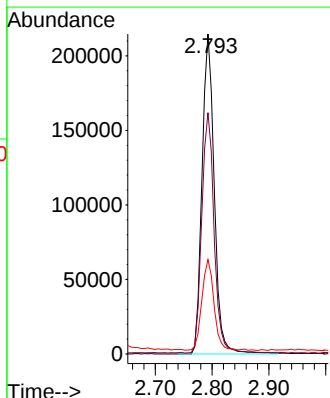
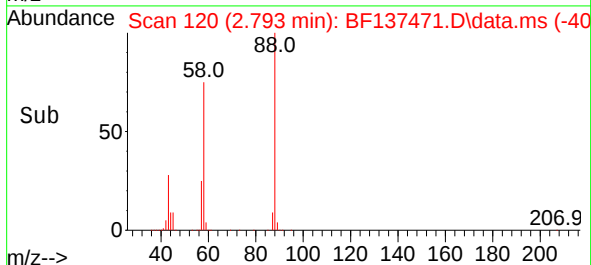
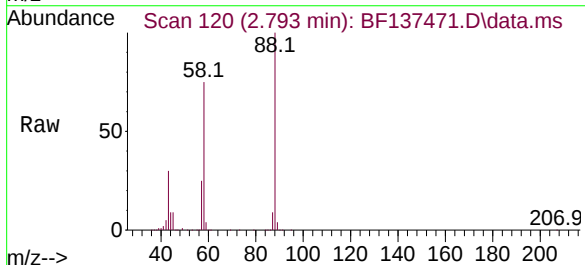


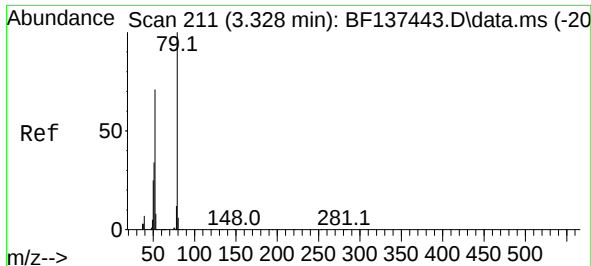
Tgt Ion:152 Resp: 235069
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.6
115 64.6 48.8 73.2



#2
1,4-Dioxane
Concen: 37.722 ng
RT: 2.793 min Scan# 120
Delta R.T. 0.118 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion: 88 Resp: 320127
Ion Ratio Lower Upper
88 100
58 76.1 61.8 92.8
43 27.8 22.2 33.4

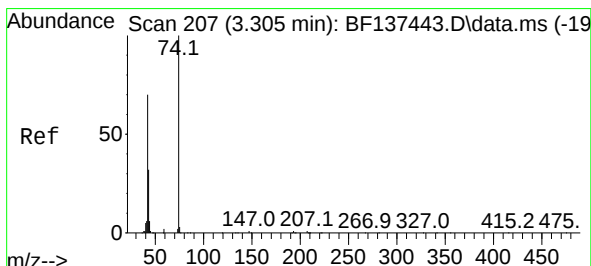
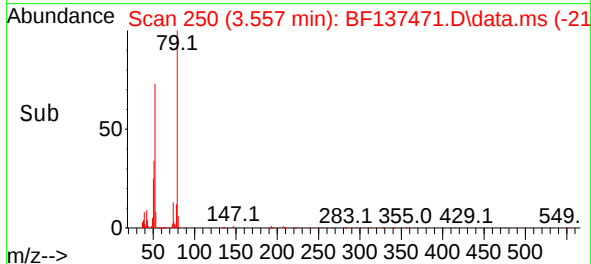
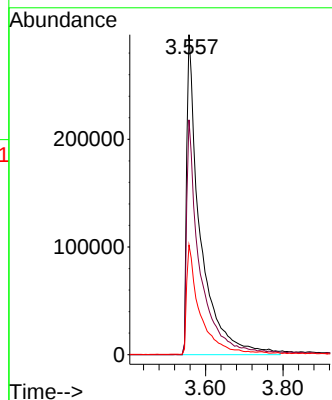
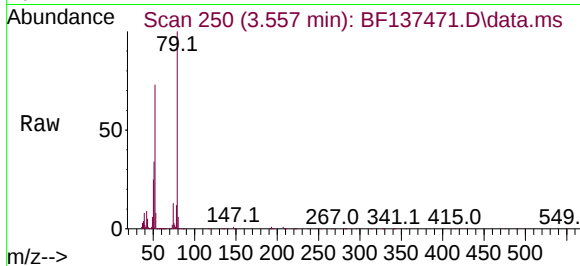




#3
Pyridine
Concen: 35.141 ng
RT: 3.557 min Scan# 211
Delta R.T. 0.094 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

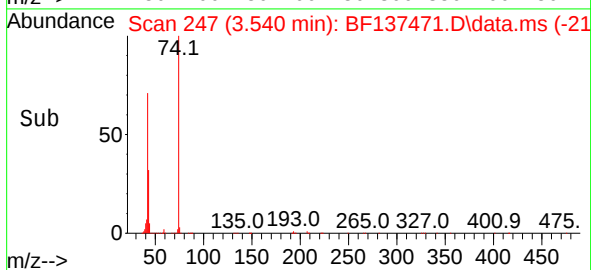
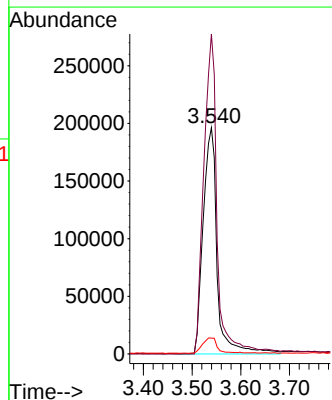
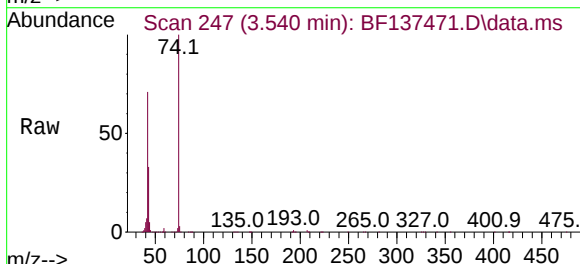
Instrument :
BNA_F
ClientSampleId :
PB159386BS

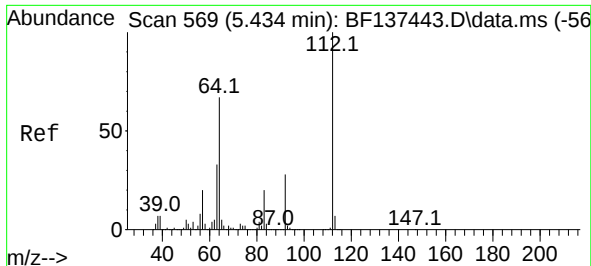
Tgt Ion: 79 Resp: 719243
Ion Ratio Lower Upper
79 100
52 73.4 57.0 85.4
51 34.2 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 47.228 ng
RT: 3.540 min Scan# 247
Delta R.T. 0.094 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion: 42 Resp: 391020
Ion Ratio Lower Upper
42 100
74 141.4 114.0 171.0
44 7.0 7.0 10.4

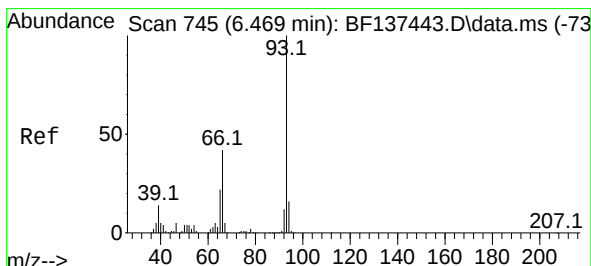
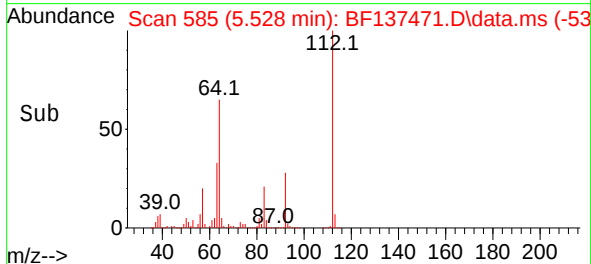
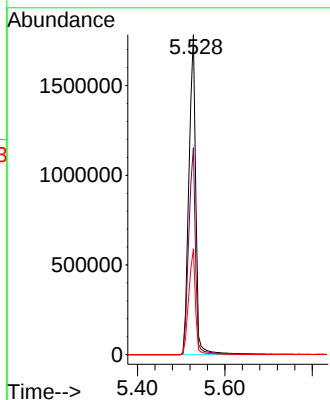
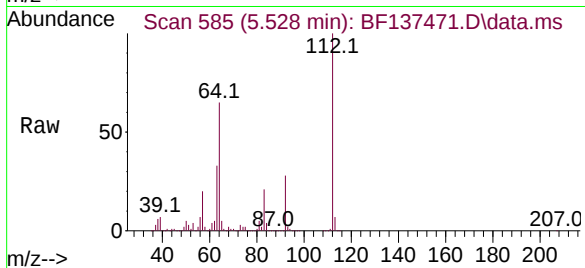




#5
2-Fluorophenol
Concen: 126.148 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

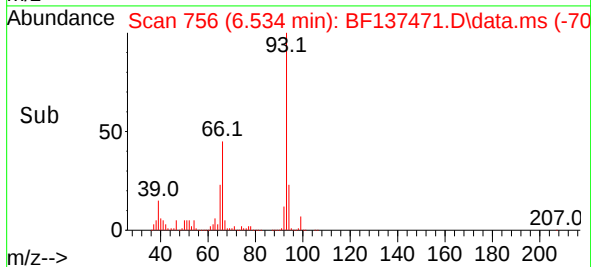
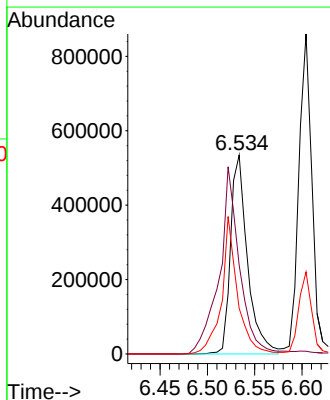
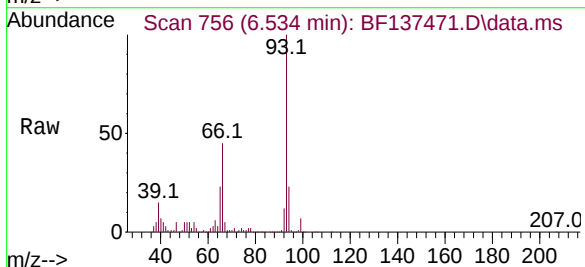
Instrument :
BNA_F
ClientSampleId :
PB159386BS

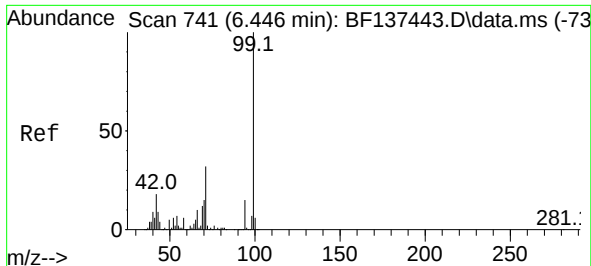
Tgt Ion:112 Resp: 1957920
Ion Ratio Lower Upper
112 100
64 64.7 53.4 80.2
63 33.1 26.2 39.2



#6
Aniline
Concen: 24.327 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion: 93 Resp: 665964
Ion Ratio Lower Upper
93 100
66 44.7 34.0 51.0
65 22.9 17.8 26.8

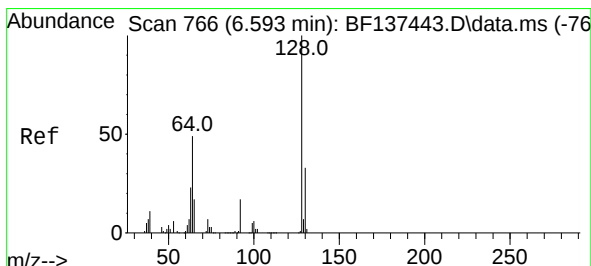
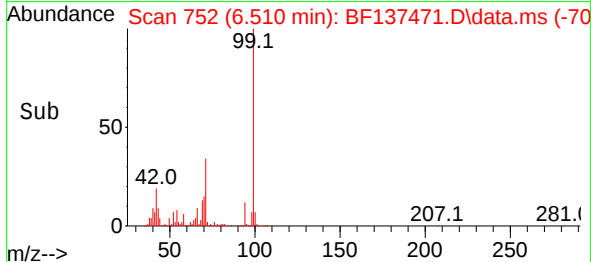
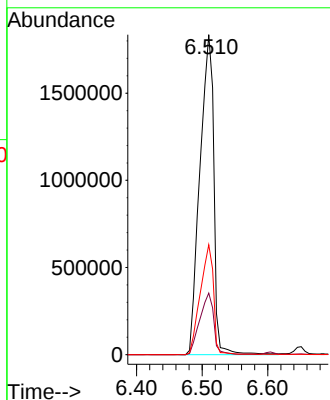
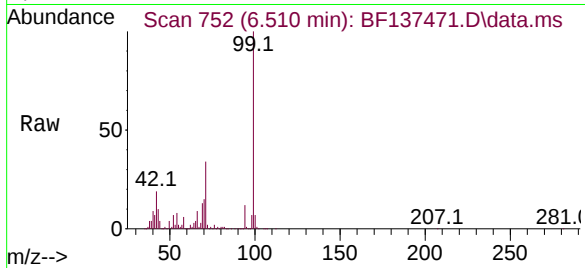




#7
Phenol-d6
Concen: 121.253 ng
RT: 6.510 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

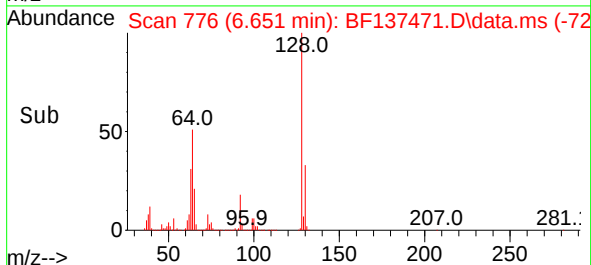
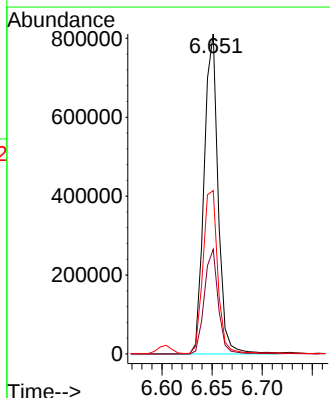
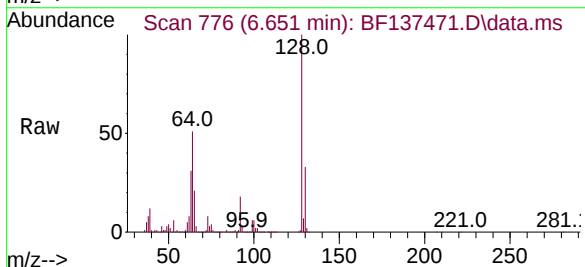
Instrument :
BNA_F
ClientSampleId :
PB159386BS

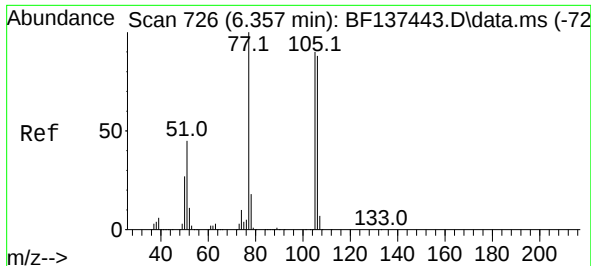
Tgt Ion: 99 Resp: 2716541
Ion Ratio Lower Upper
99 100
42 19.2 14.6 21.8
71 34.4 25.3 37.9



#8
2-Chlorophenol
Concen: 48.648 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion:128 Resp: 796391
Ion Ratio Lower Upper
128 100
130 32.7 13.4 53.4
64 51.1 30.0 70.0





#9

Benzaldehyde

Concen: 8.142 ng

RT: 6.416 min Scan# 743

Delta R.T. -0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

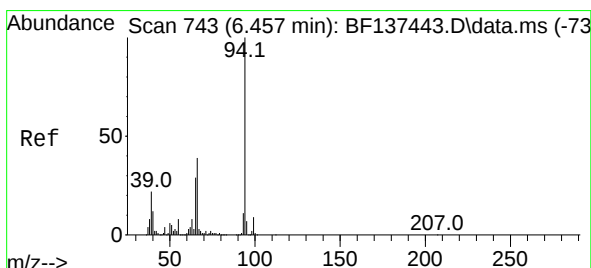
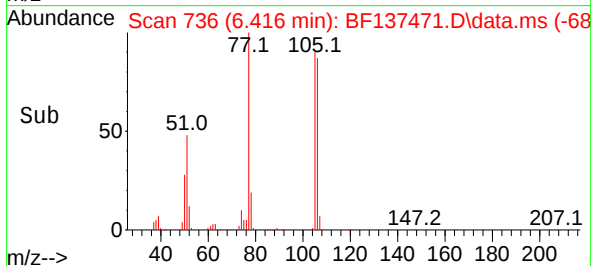
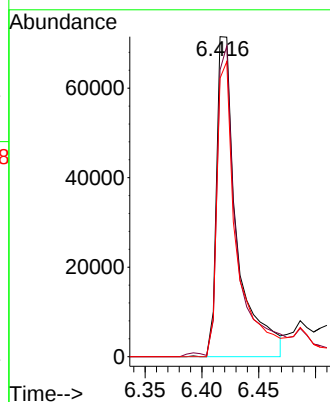
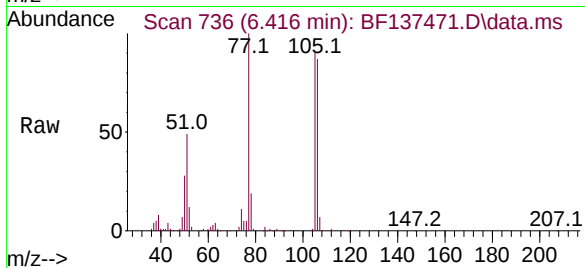
Tgt Ion: 77 Resp: 89367

Ion Ratio Lower Upper

77 100

105 89.6 69.8 109.8

106 87.0 67.8 107.8



#10

Phenol

Concen: 43.557 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

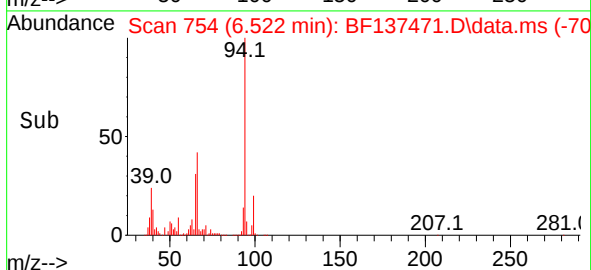
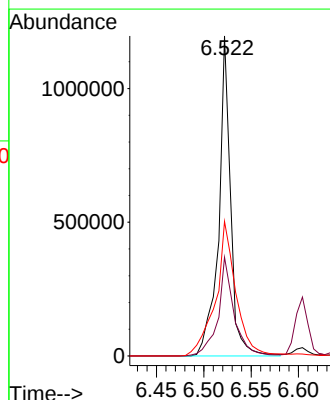
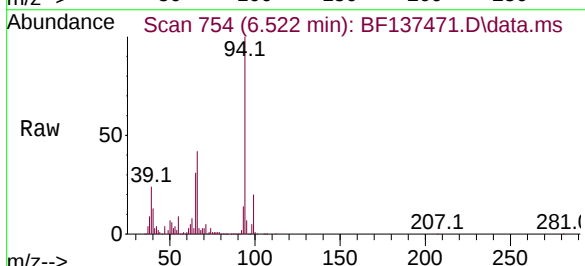
Tgt Ion: 94 Resp: 1050325

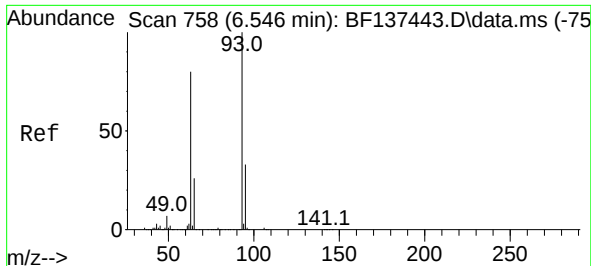
Ion Ratio Lower Upper

94 100

65 30.9 8.7 48.7

66 42.1 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 46.536 ng

RT: 6.604 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

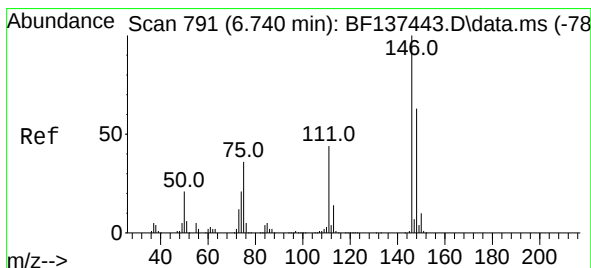
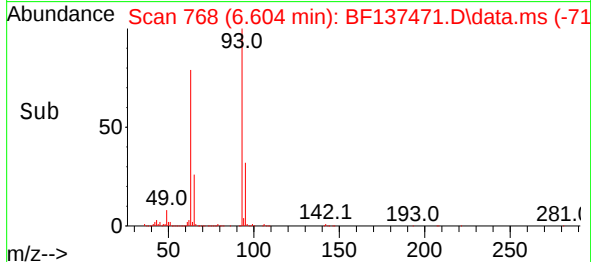
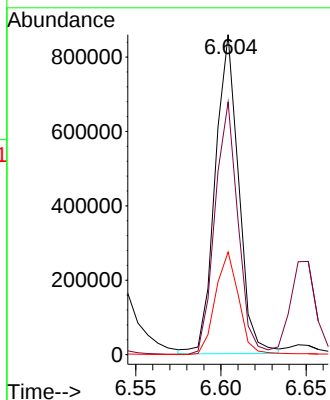
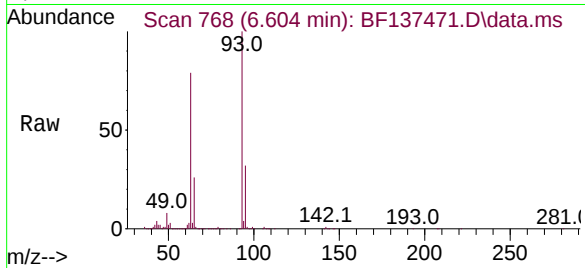
Tgt Ion: 93 Resp: 822322

Ion Ratio Lower Upper

93 100

63 79.0 58.9 98.9

95 32.1 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 45.286 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

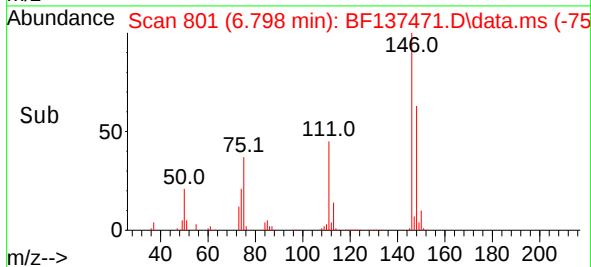
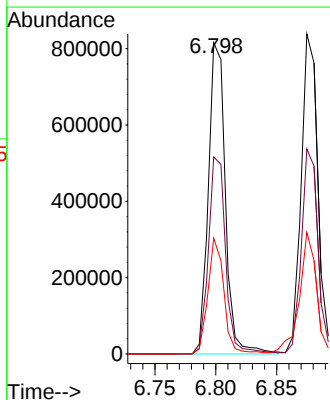
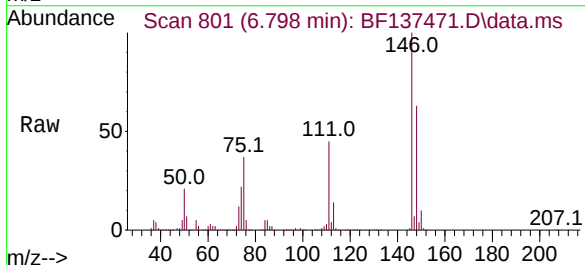
Tgt Ion:146 Resp: 792191

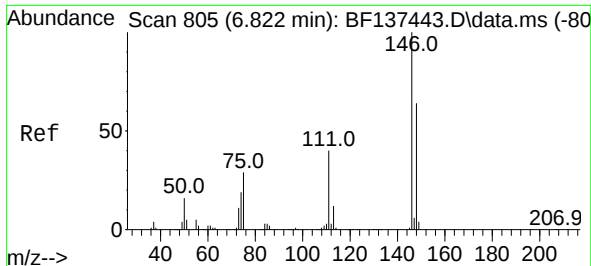
Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

75 37.2 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 46.284 ng

RT: 6.875 min Scan# 814

Delta R.T. -0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

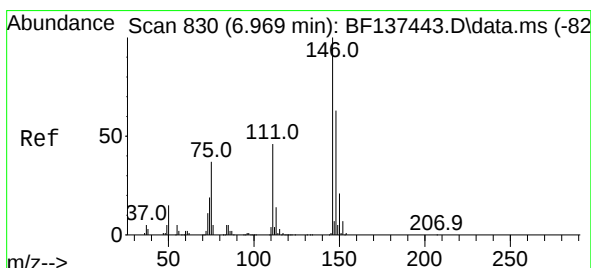
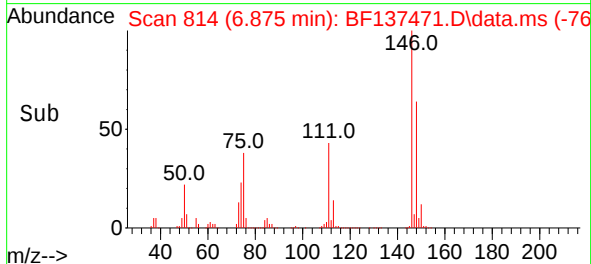
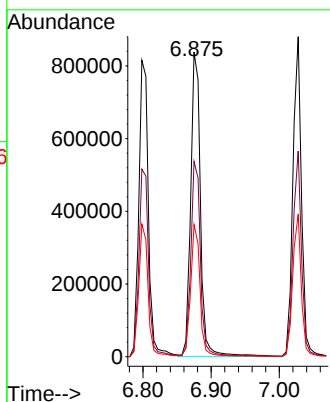
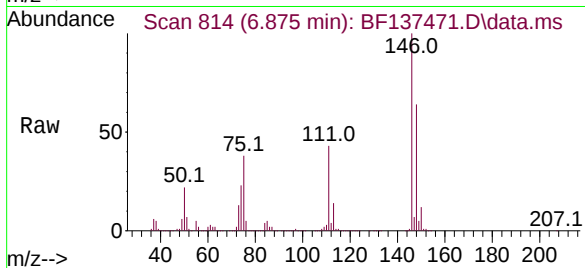
Tgt Ion:146 Resp: 828390

Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

111 43.3 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 46.722 ng

RT: 7.028 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

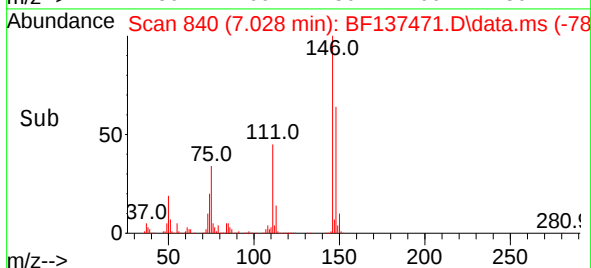
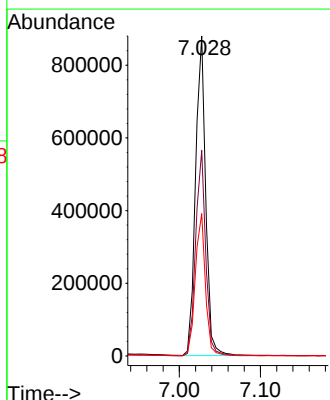
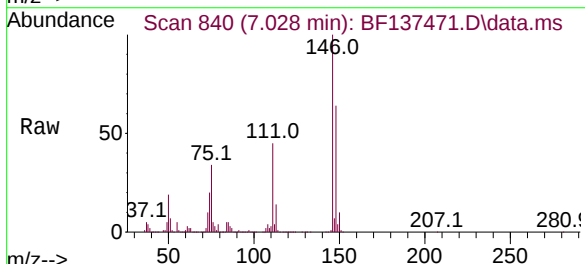
Tgt Ion:146 Resp: 767544

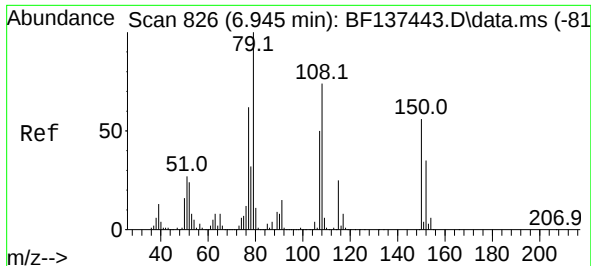
Ion Ratio Lower Upper

146 100

148 64.3 50.0 75.0

111 44.5 36.8 55.2

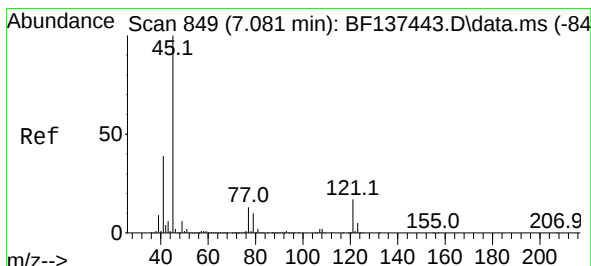
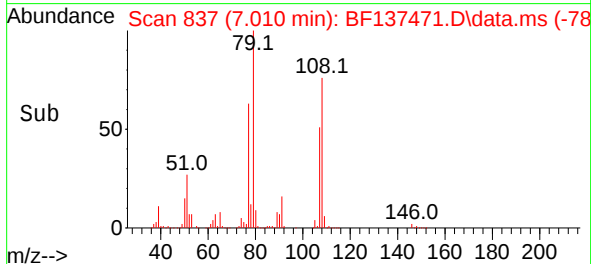
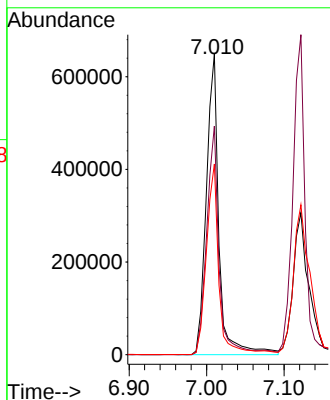
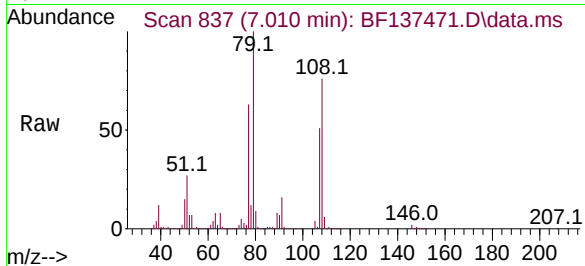




#15
Benzyl Alcohol
Concen: 52.467 ng
RT: 7.010 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

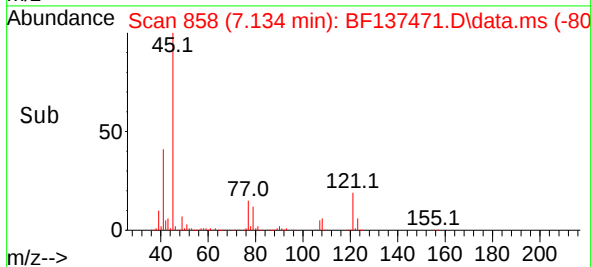
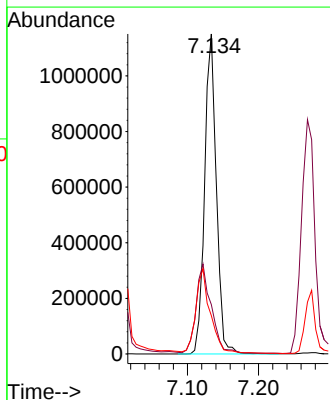
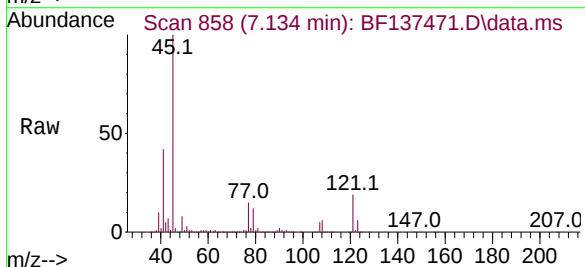
Instrument :
BNA_F
ClientSampleId :
PB159386BS

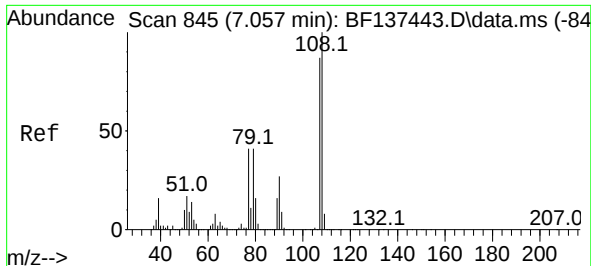
Tgt Ion: 79 Resp: 731792
Ion Ratio Lower Upper
79 100
108 76.0 59.5 89.3
77 63.4 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.525 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion: 45 Resp: 1322059
Ion Ratio Lower Upper
45 100
77 15.4 0.0 33.4
79 12.0 0.0 30.9

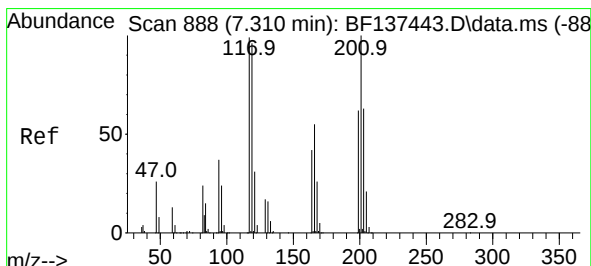
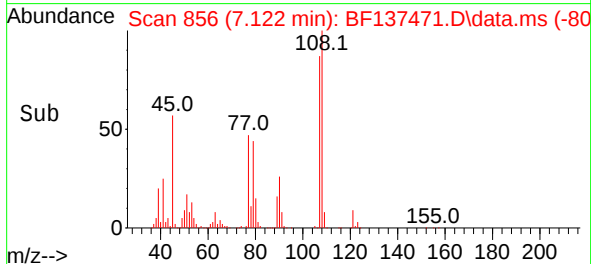
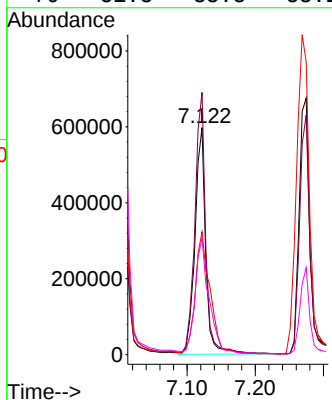
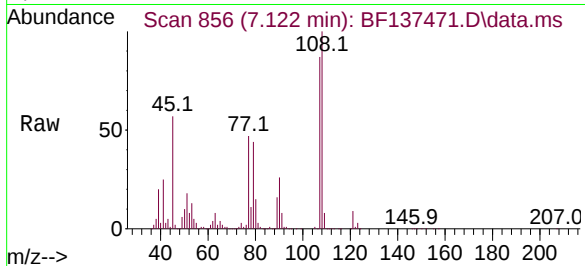




#17
2-Methylphenol
Concen: 42.958 ng
RT: 7.122 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

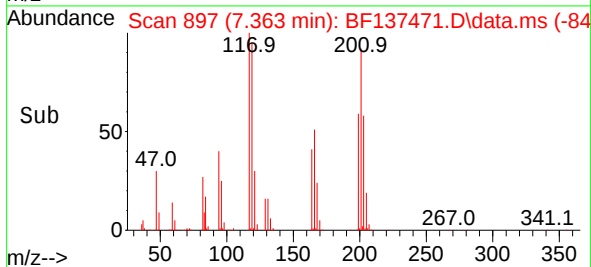
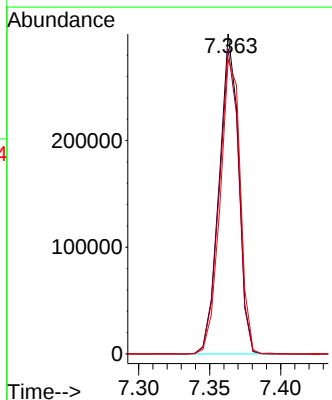
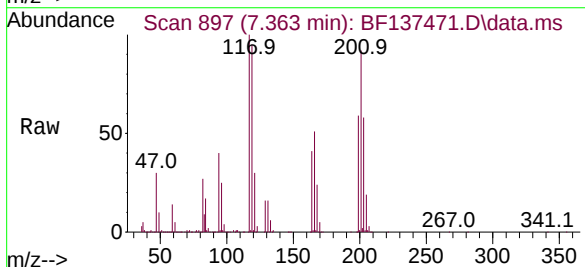
Instrument :
BNA_F
ClientSampleId :
PB159386BS

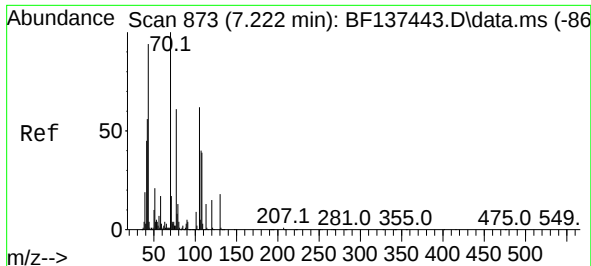
Tgt Ion:107 Resp: 658043
Ion Ratio Lower Upper
107 100
108 115.5 92.2 138.4
77 54.1 38.6 57.8
79 51.3 38.8 58.2



#18
Hexachloroethane
Concen: 48.194 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion:117 Resp: 284023
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3
201 92.0 80.6 121.0

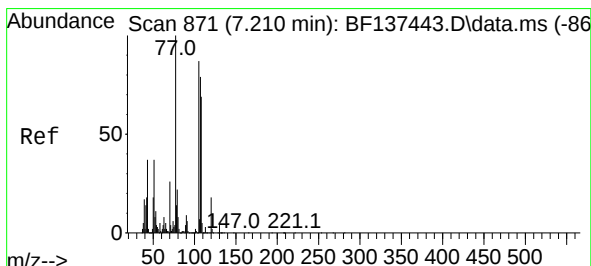
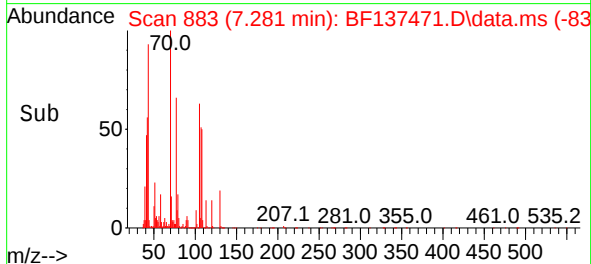
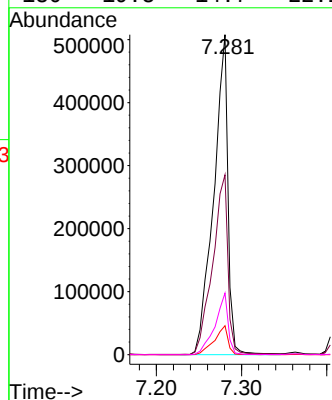
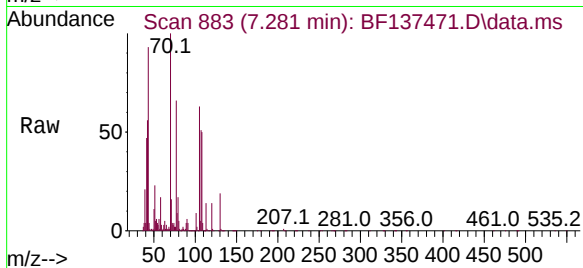




#19
n-Nitroso-di-n-propylamine
Concen: 42.943 ng
RT: 7.281 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

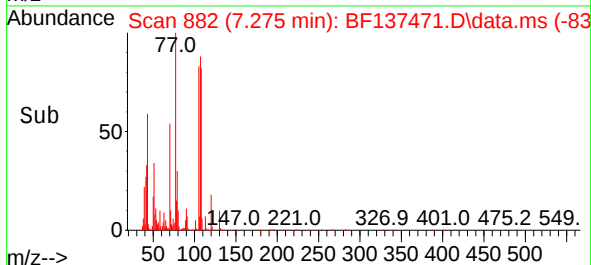
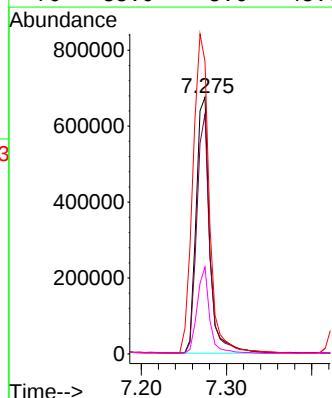
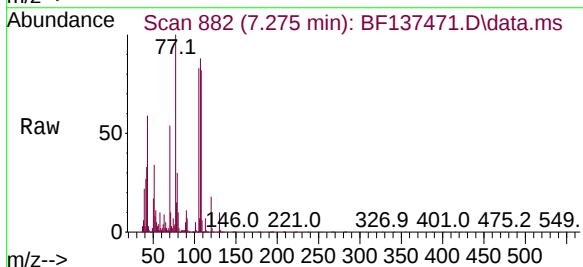
Instrument :
BNA_F
ClientSampleId :
PB159386BS

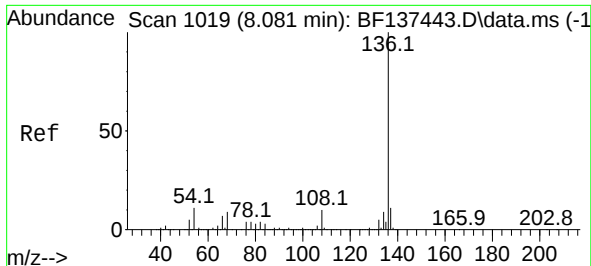
Tgt Ion: 70 Resp: 594104
Ion Ratio Lower Upper
70 100
42 56.2 45.2 67.8
101 9.1 7.3 10.9
130 19.3 14.7 22.1



#20
3+4-Methylphenols
Concen: 42.602 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion:107 Resp: 747399
Ion Ratio Lower Upper
107 100
108 93.4 67.6 107.6
77 114.0 107.1 147.1
79 33.9 8.6 48.6

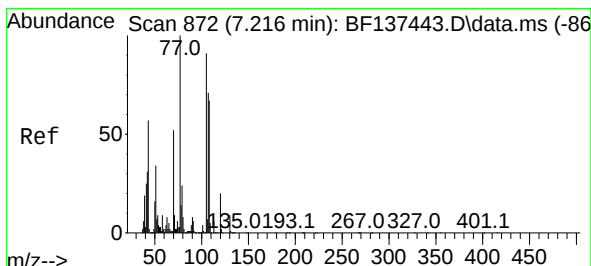
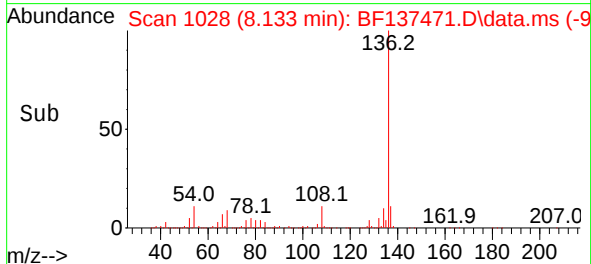
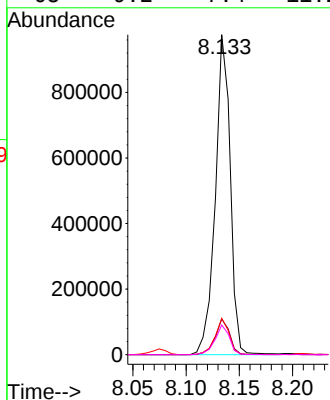
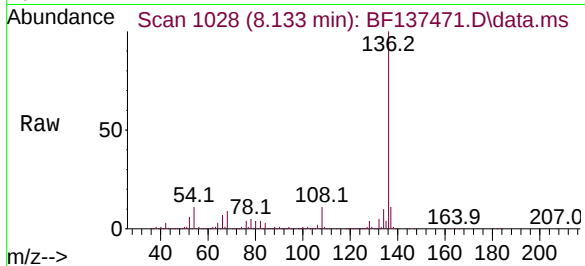




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

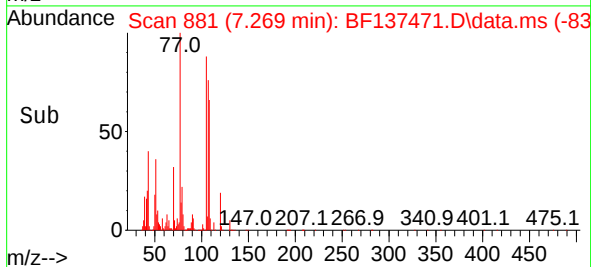
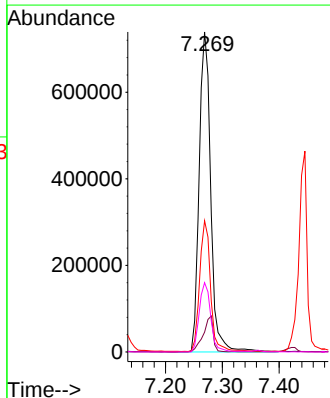
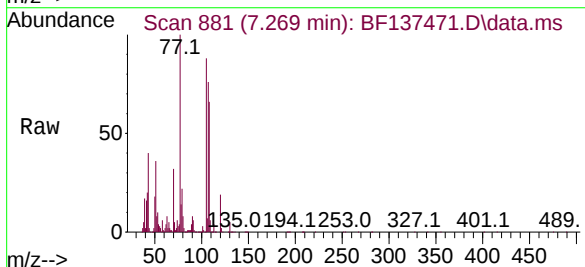
Instrument :
BNA_F
ClientSampleId :
PB159386BS

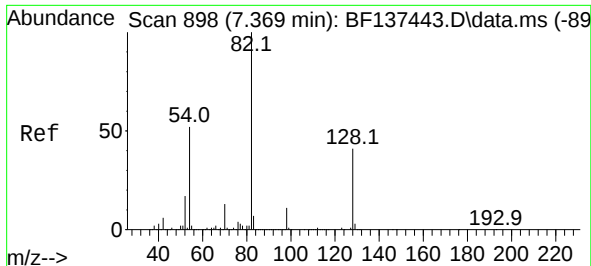
Tgt Ion:136 Resp: 949670
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 11.3 8.5 12.7
68 9.2 7.4 11.2



#22
Acetophenone
Concen: 45.396 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion:105 Resp: 1043086
Ion Ratio Lower Upper
105 100
71 6.2 7.7 11.5#
51 41.0 30.4 45.6
120 21.7 17.4 26.0

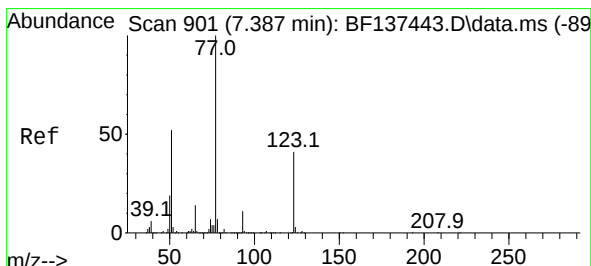
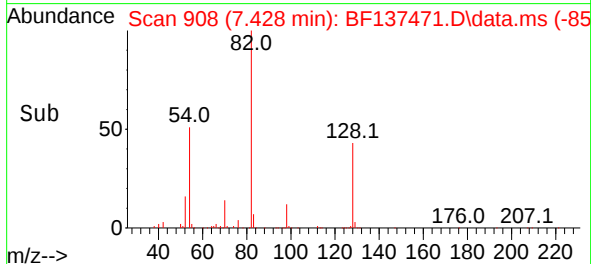
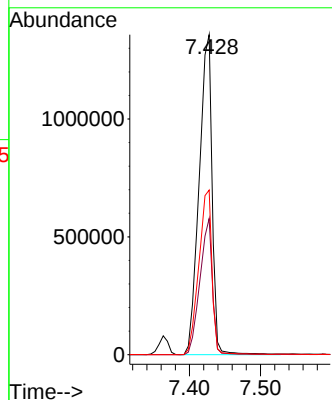
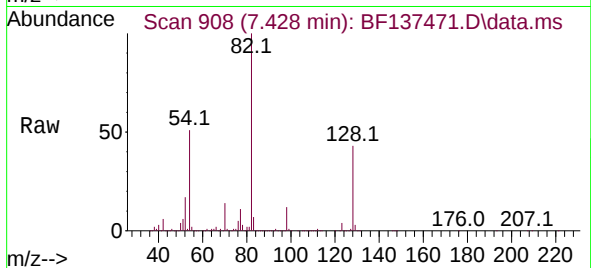




#23
Nitrobenzene-d5
Concen: 84.606 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

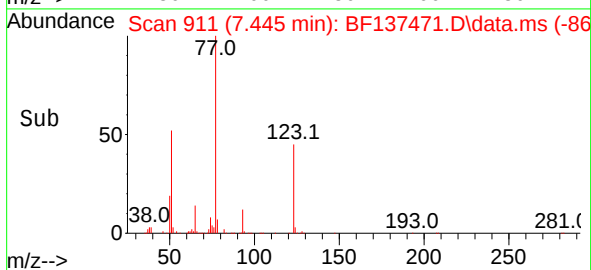
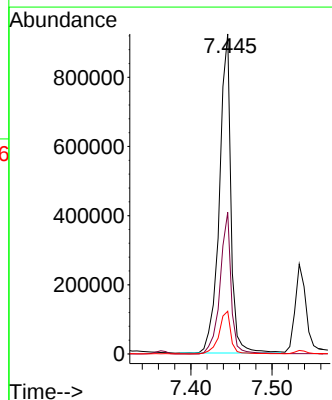
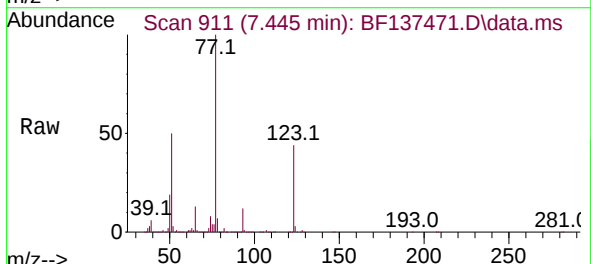
Instrument :
BNA_F
ClientSampleId :
PB159386BS

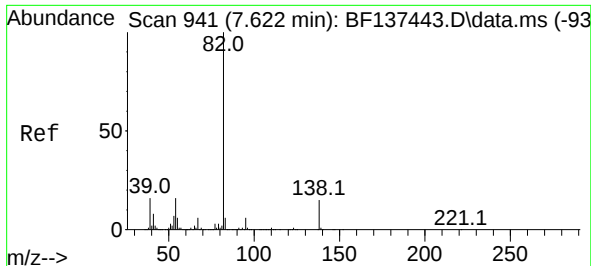
Tgt Ion: 82 Resp: 1729238
Ion Ratio Lower Upper
82 100
128 42.6 32.5 48.7
54 51.4 41.5 62.3



#24
Nitrobenzene
Concen: 44.647 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion: 77 Resp: 916691
Ion Ratio Lower Upper
77 100
123 44.3 33.0 49.6
65 13.4 10.9 16.3

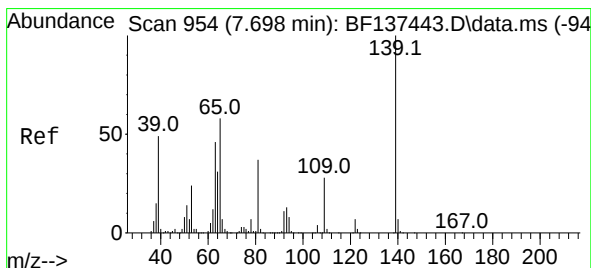
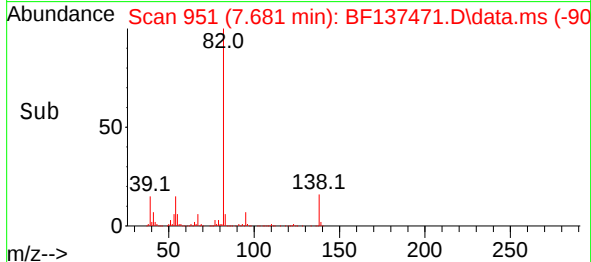
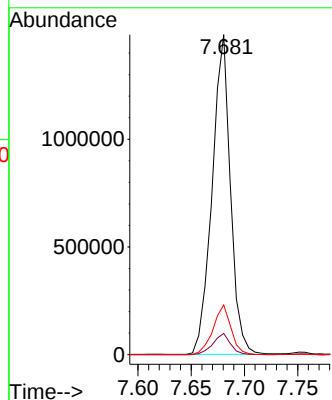
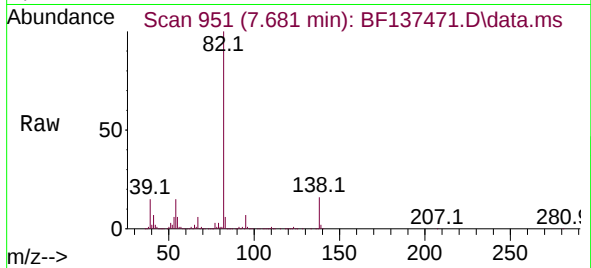




#25
Isophorone
Concen: 45.661 ng
RT: 7.681 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

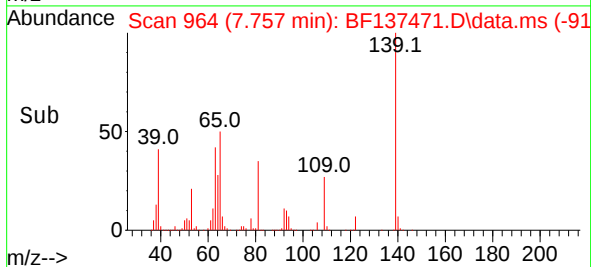
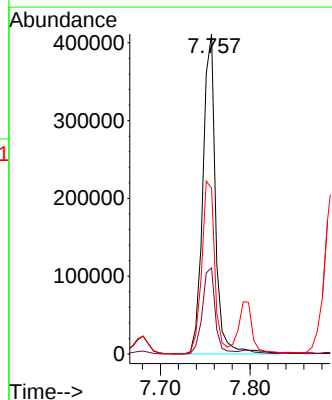
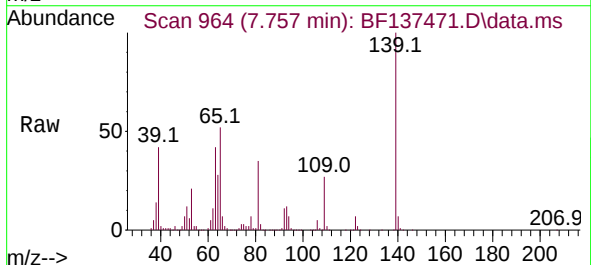
Instrument :
BNA_F
ClientSampleId :
PB159386BS

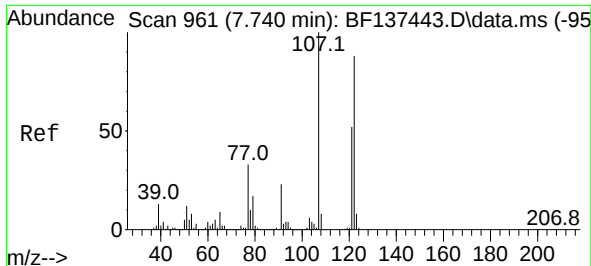
Tgt Ion: 82 Resp: 1773044
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.6 11.8 17.8



#26
2-Nitrophenol
Concen: 49.742 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion: 139 Resp: 405467
Ion Ratio Lower Upper
139 100
109 26.9 22.2 33.4
65 51.7 46.2 69.2

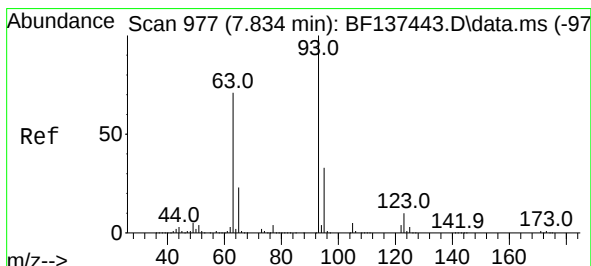
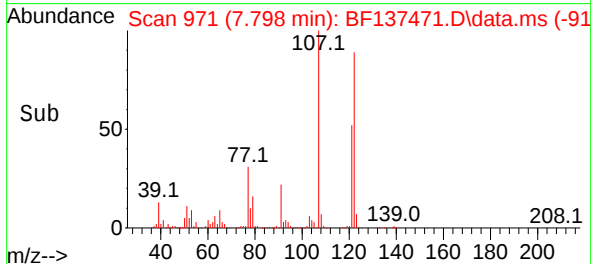
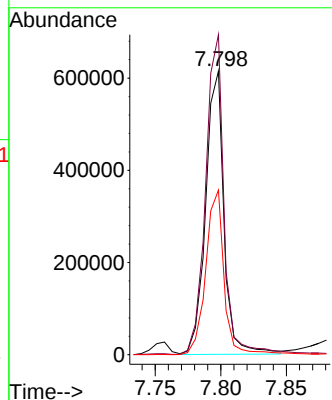
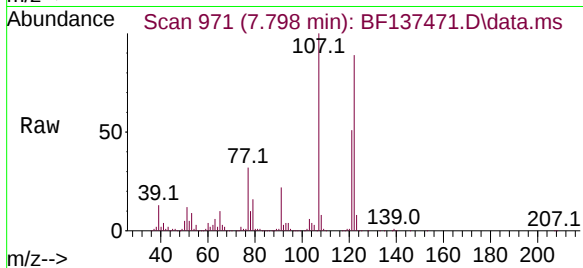




#27
2,4-Dimethylphenol
Concen: 39.404 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

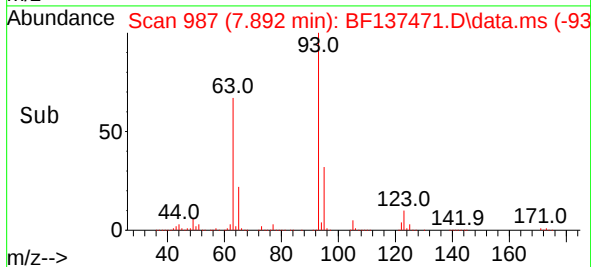
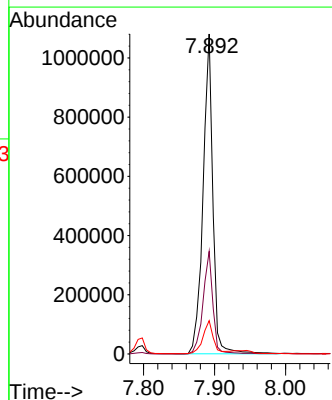
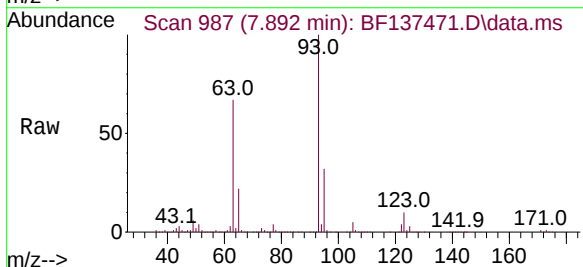
Instrument :
BNA_F
ClientSampleId :
PB159386BS

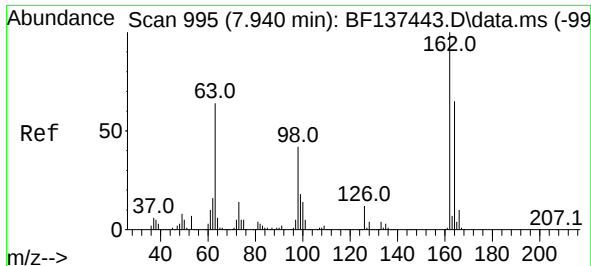
Tgt Ion:122 Resp: 600175
Ion Ratio Lower Upper
122 100
107 112.8 90.9 136.3
121 58.1 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.760 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion: 93 Resp: 1042549
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 10.4 8.0 12.0

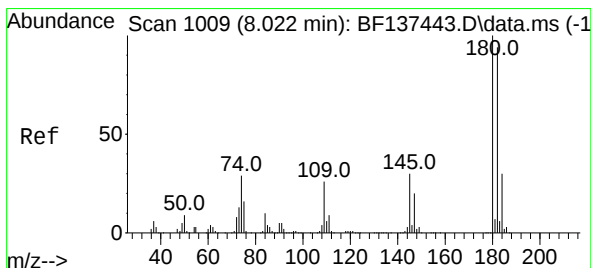
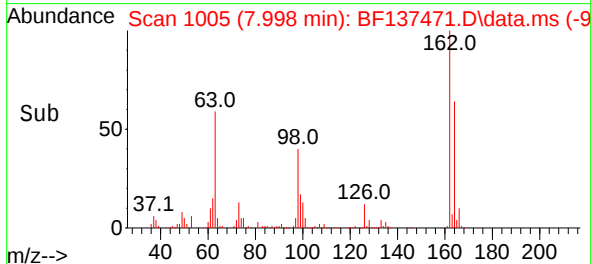
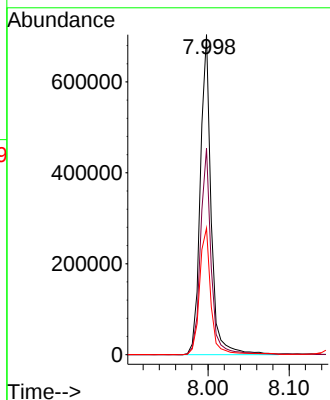
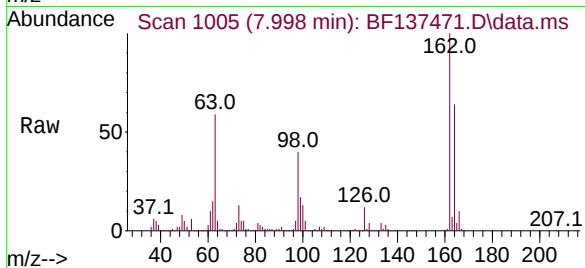




#29
2,4-Dichlorophenol
Concen: 46.879 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

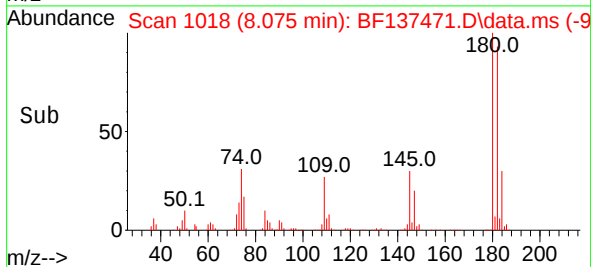
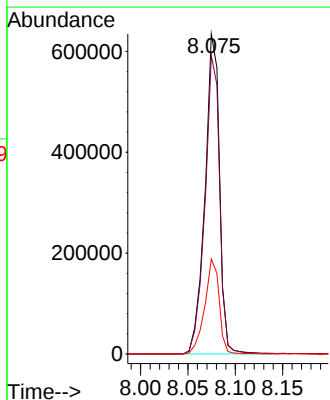
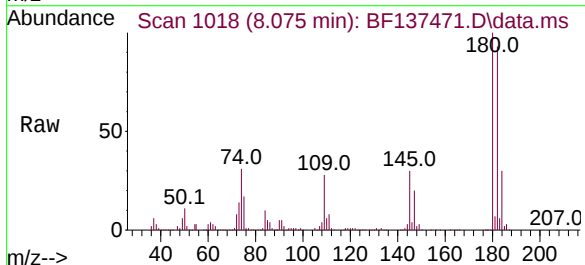
Instrument :
BNA_F
ClientSampleId :
PB159386BS

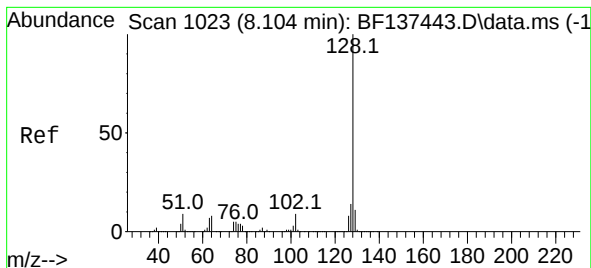
Tgt Ion:162 Resp: 655317
Ion Ratio Lower Upper
162 100
164 64.4 44.7 84.7
98 39.6 22.0 62.0



#30
1,2,4-Trichlorobenzene
Concen: 46.162 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion:180 Resp: 679069
Ion Ratio Lower Upper
180 100
182 93.2 75.0 112.6
145 29.7 23.7 35.5





#31

Naphthalene

Concen: 43.488 ng

RT: 8.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

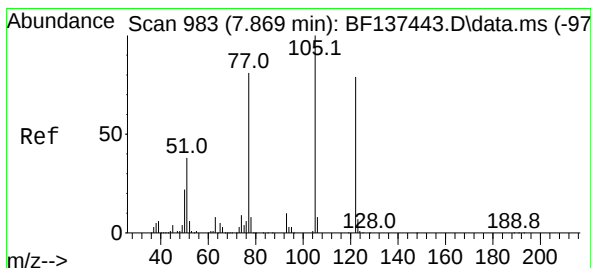
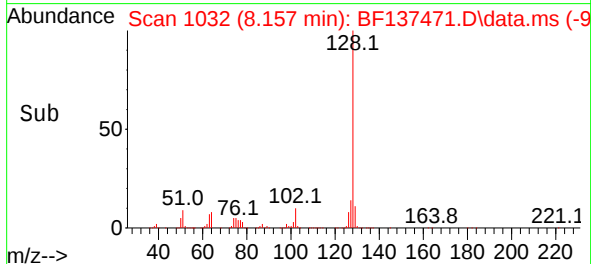
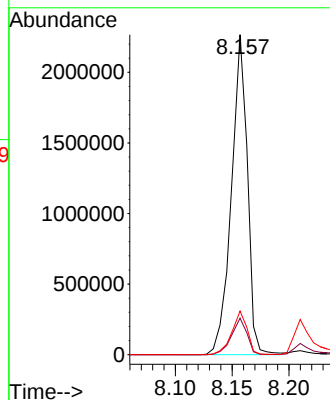
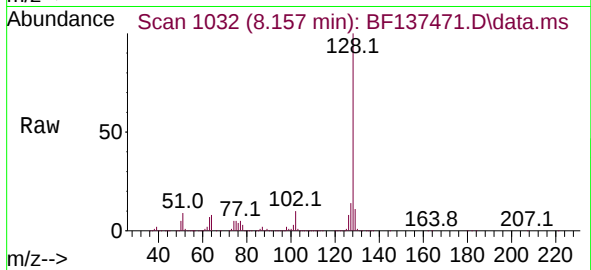
Tgt Ion:128 Resp: 2215879

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

127 13.7 10.8 16.2



#32

Benzoic acid

Concen: 50.131 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.018 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

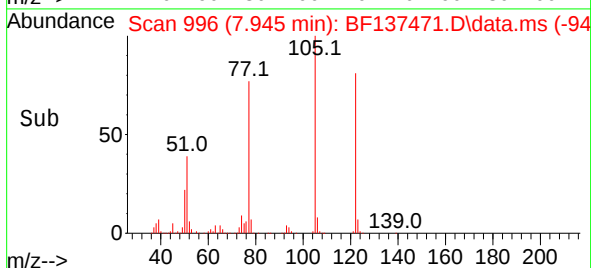
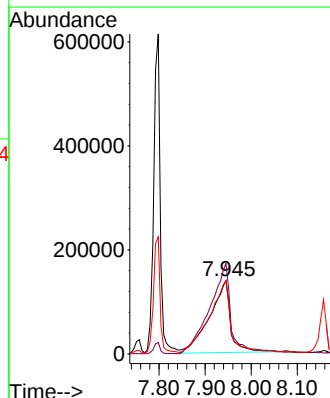
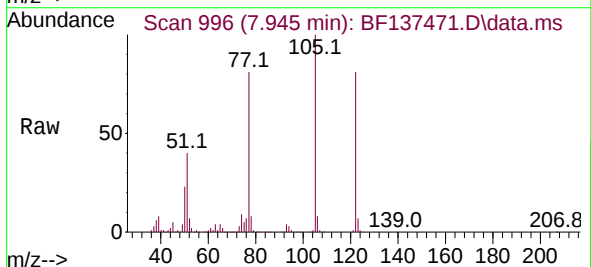
Tgt Ion:122 Resp: 442544

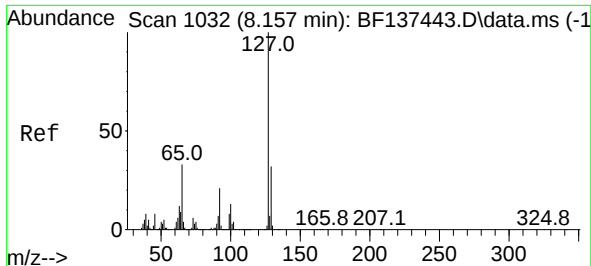
Ion Ratio Lower Upper

122 100

105 123.5 102.4 142.4

77 99.7 81.1 121.1





#33

4-Chloroaniline

Concen: 15.405 ng

RT: 8.210 min Scan# 1041

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

Tgt Ion:127 Resp: 307784

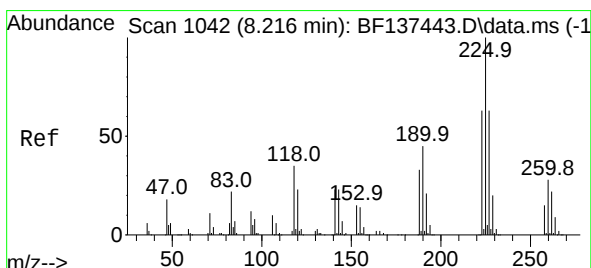
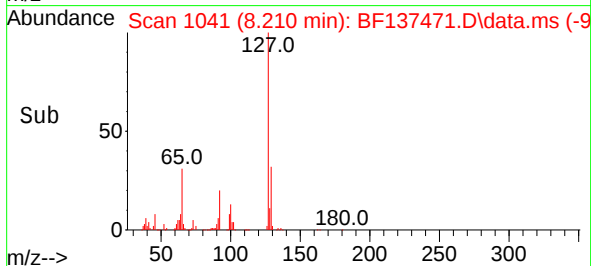
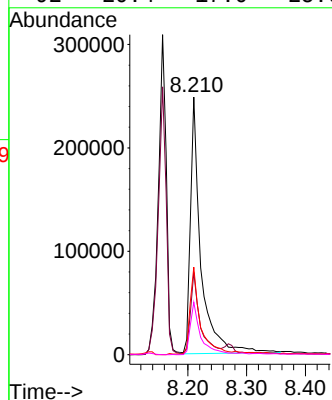
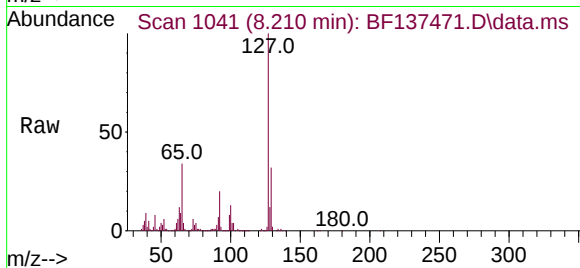
Ion Ratio Lower Upper

127 100

129 31.9 26.0 39.0

65 34.0 26.8 40.2

92 20.4 17.0 25.6



#34

Hexachlorobutadiene

Concen: 45.331 ng

RT: 8.275 min Scan# 1052

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

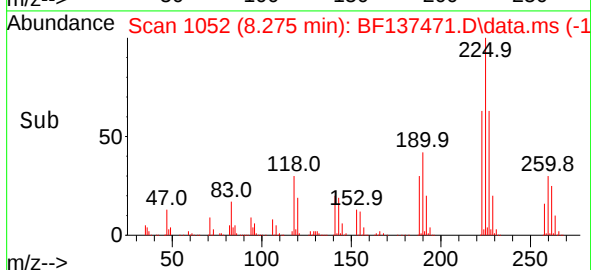
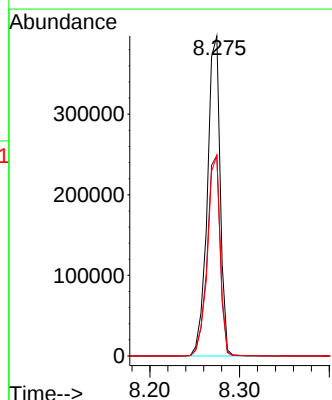
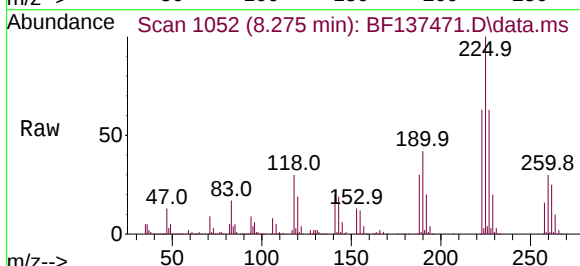
Tgt Ion:225 Resp: 393686

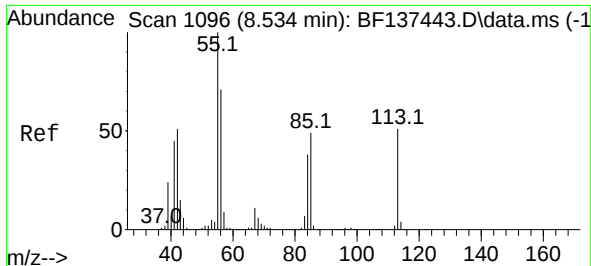
Ion Ratio Lower Upper

225 100

223 62.7 50.7 76.1

227 62.7 50.6 75.8





#35

Caprolactam

Concen: 24.717 ng

RT: 8.592 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

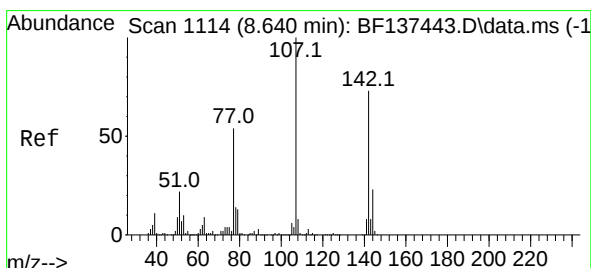
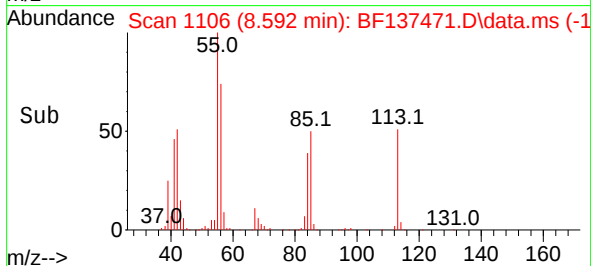
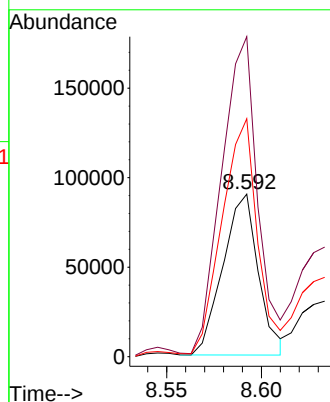
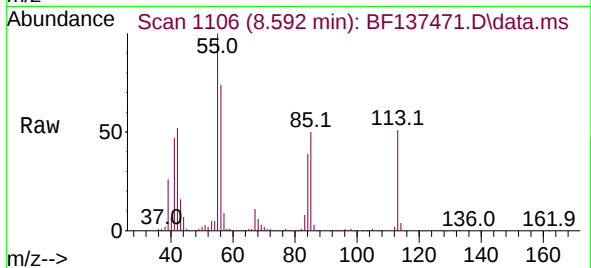
Tgt Ion:113 Resp: 117159

Ion Ratio Lower Upper

113 100

55 196.8 176.7 216.7

56 146.4 120.6 160.6



#36

4-Chloro-3-methylphenol

Concen: 47.254 ng

RT: 8.698 min Scan# 1124

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

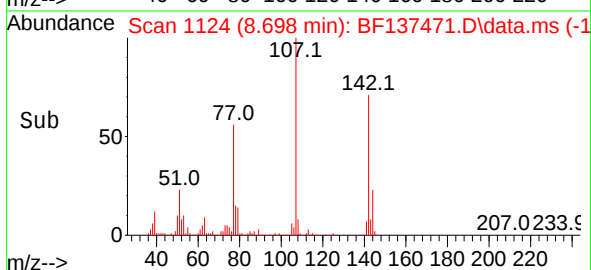
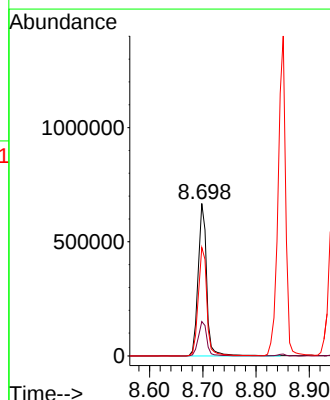
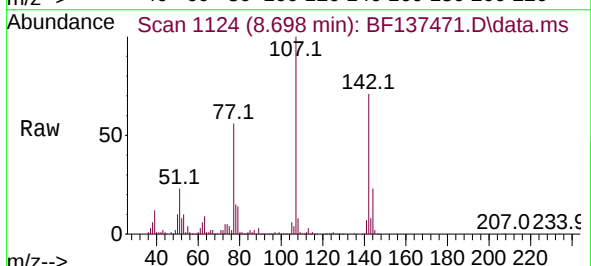
Tgt Ion:107 Resp: 738357

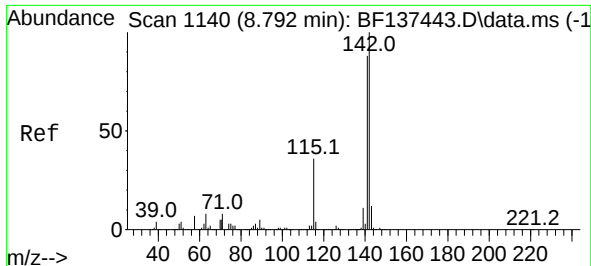
Ion Ratio Lower Upper

107 100

144 22.5 18.7 28.1

142 71.1 58.2 87.2





#37

2-Methylnaphthalene

Concen: 42.354 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

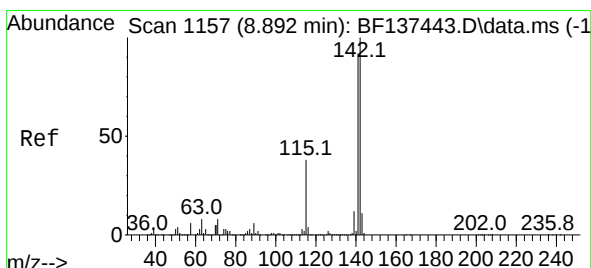
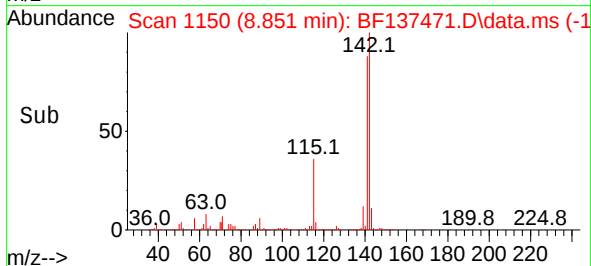
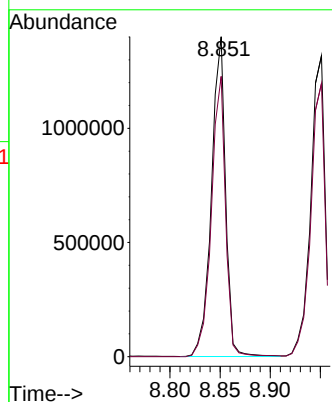
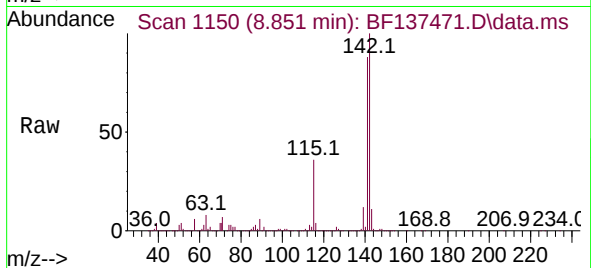
PB159386BS

Tgt Ion:142 Resp: 1375767

Ion Ratio Lower Upper

142 100

141 87.6 70.4 105.6



#38

1-Methylnaphthalene

Concen: 42.746 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF137471.D

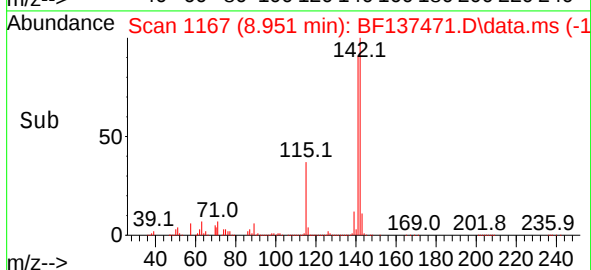
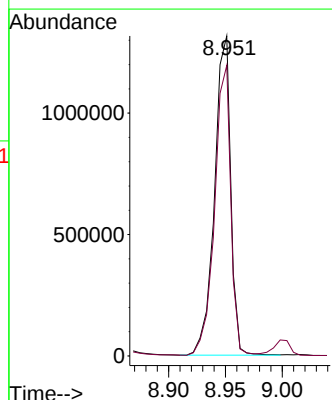
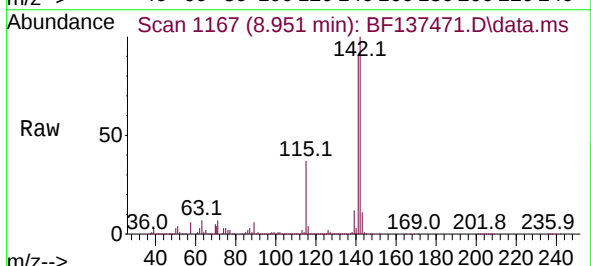
Acq: 02 Mar 2024 13:53

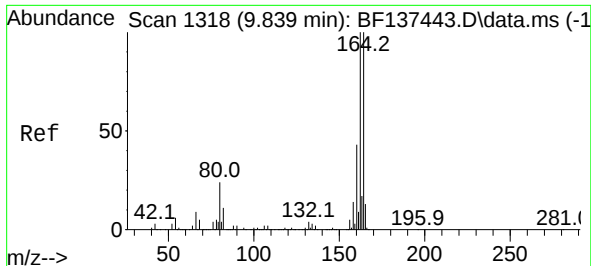
Tgt Ion:142 Resp: 1307578

Ion Ratio Lower Upper

142 100

141 90.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

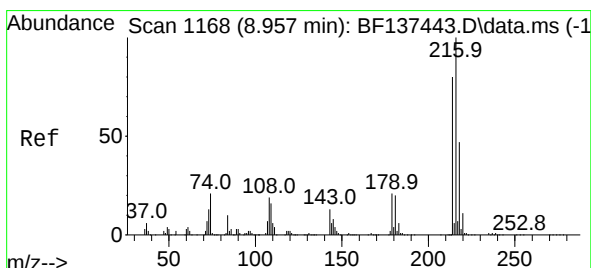
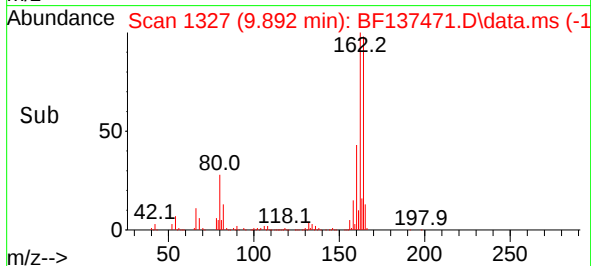
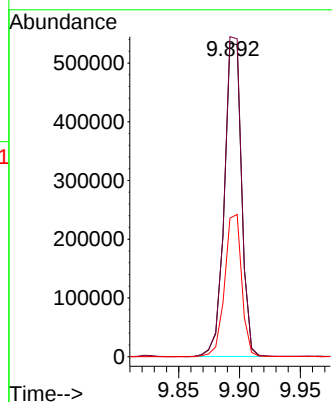
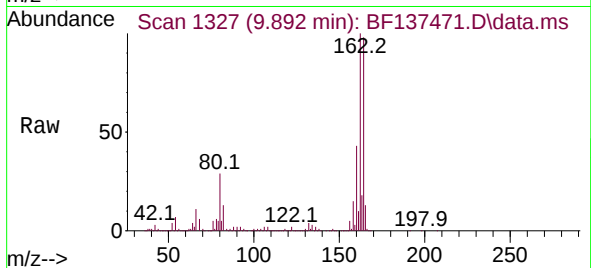
Tgt Ion:164 Resp: 525956

Ion Ratio Lower Upper

164 100

162 102.1 79.8 119.8

160 44.2 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.260 ng

RT: 9.016 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Tgt Ion:216 Resp: 664570

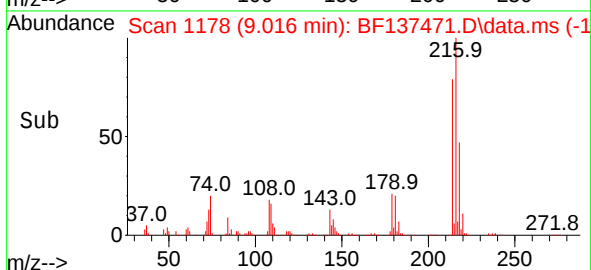
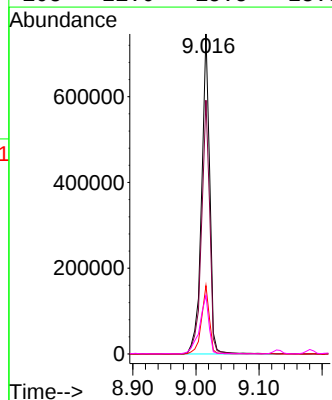
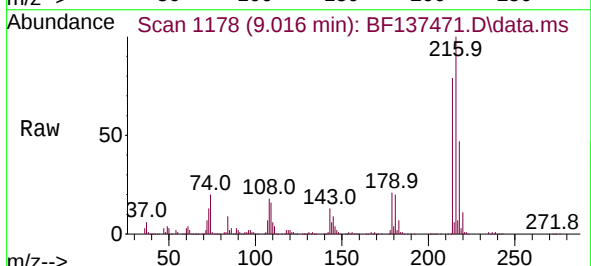
Ion Ratio Lower Upper

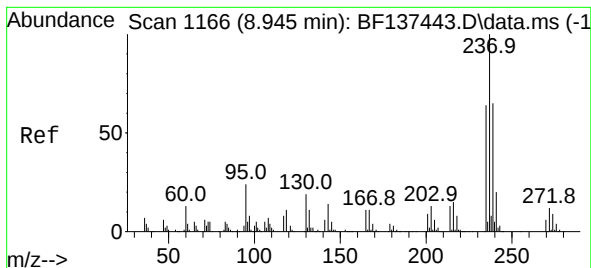
216 100

214 79.4 63.5 95.3

179 20.8 16.6 25.0

108 21.0 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 93.561 ng

RT: 9.004 min Scan# 1166

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

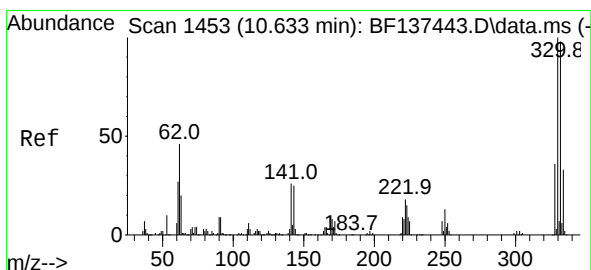
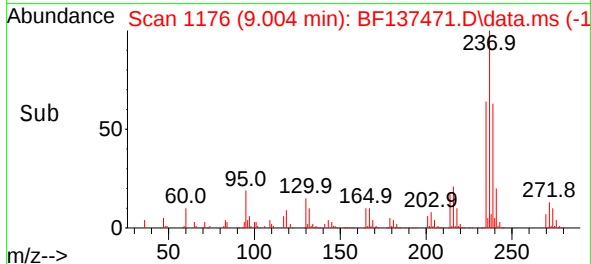
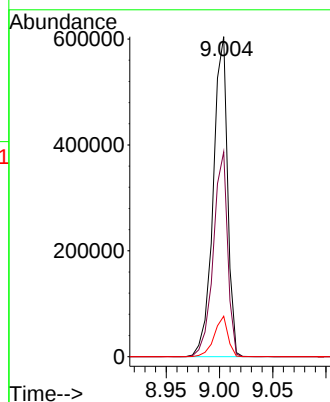
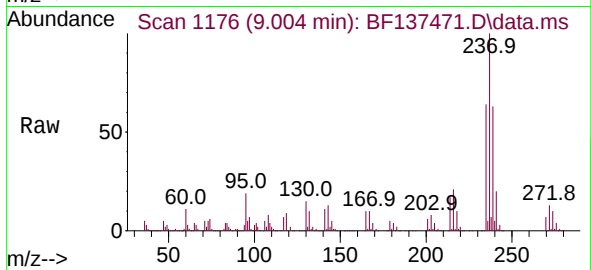
Tgt Ion:237 Resp: 569972

Ion Ratio Lower Upper

237 100

235 64.0 43.6 83.6

272 12.7 0.0 31.9



#42

2,4,6-Tribromophenol

Concen: 147.287 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

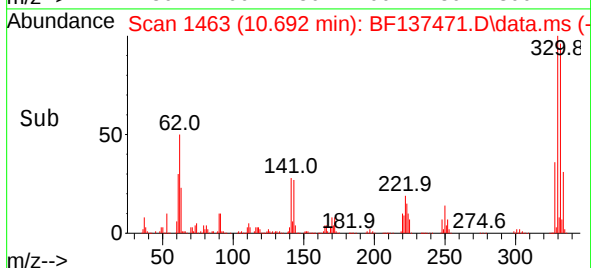
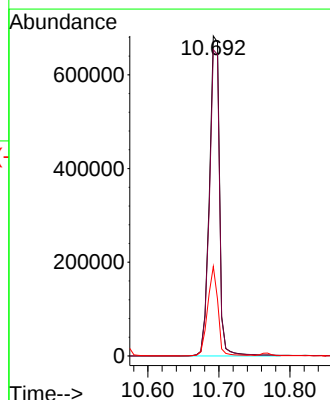
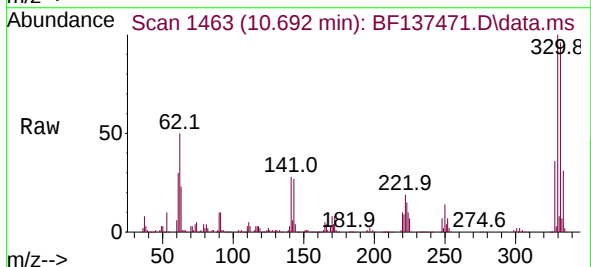
Tgt Ion:330 Resp: 680292

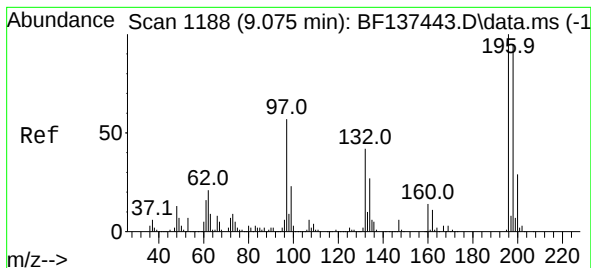
Ion Ratio Lower Upper

330 100

332 96.2 78.0 117.0

141 28.1 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 47.944 ng

RT: 9.133 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

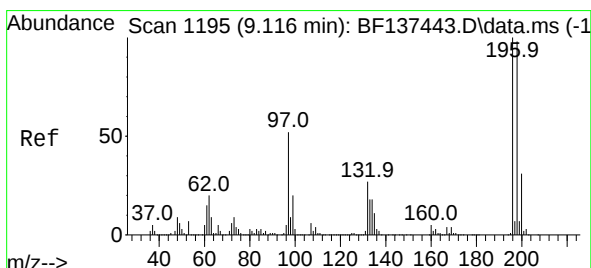
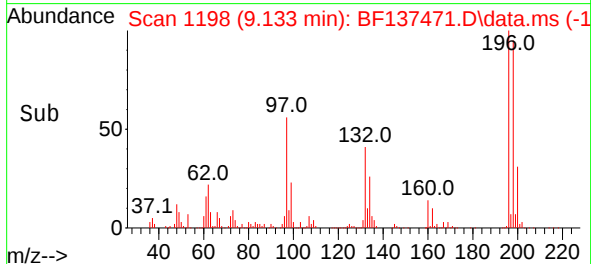
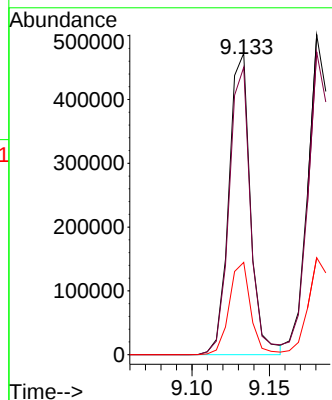
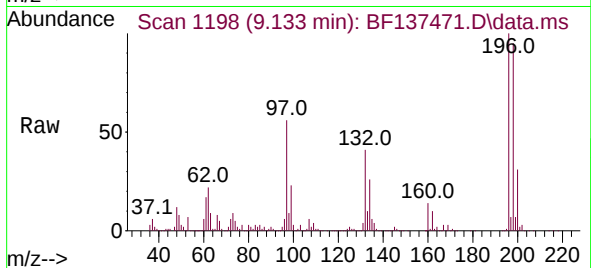
Tgt Ion:196 Resp: 458438

Ion Ratio Lower Upper

196 100

198 95.3 75.8 113.8

200 30.6 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 43.333 ng

RT: 9.180 min Scan# 1206

Delta R.T. 0.012 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Tgt Ion:196 Resp: 477309

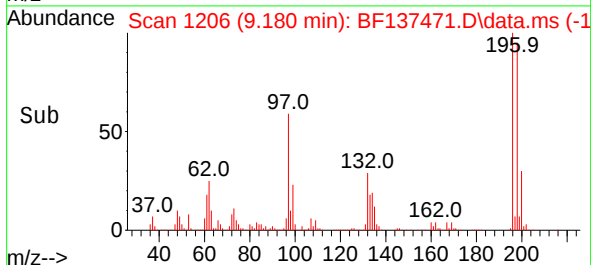
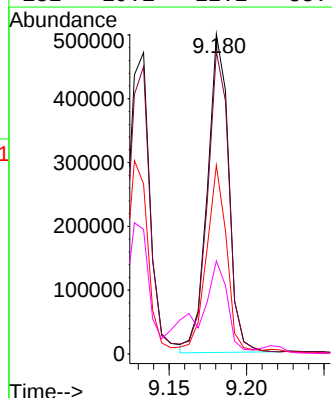
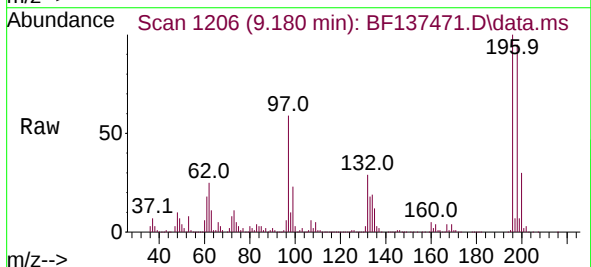
Ion Ratio Lower Upper

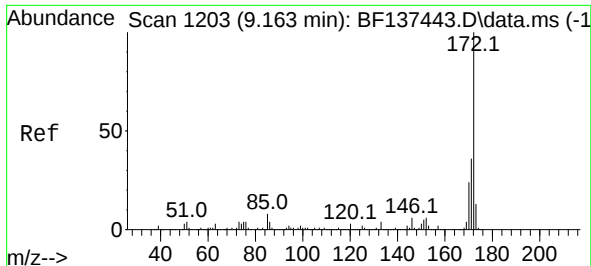
196 100

198 94.6 78.6 117.8

97 58.9 41.8 62.8

132 29.1 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 81.864 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

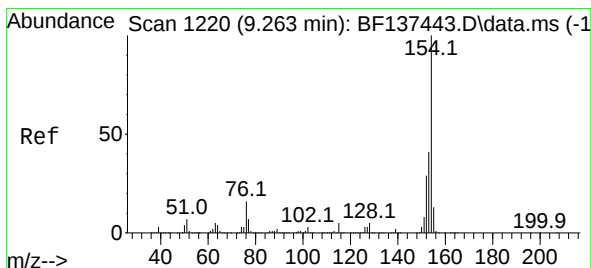
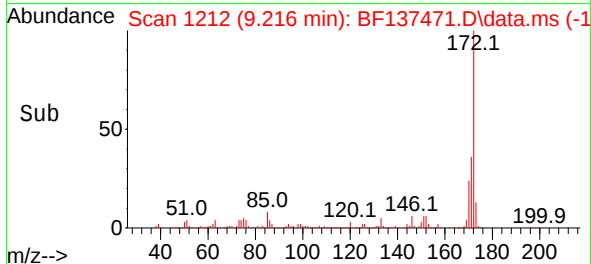
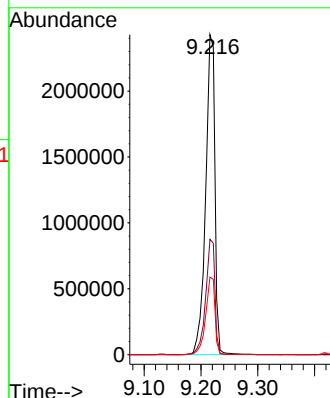
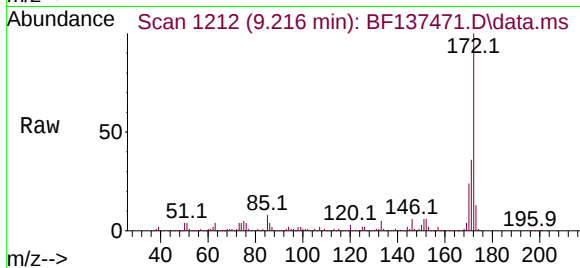
Tgt Ion:172 Resp: 2750598

Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 44.573 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

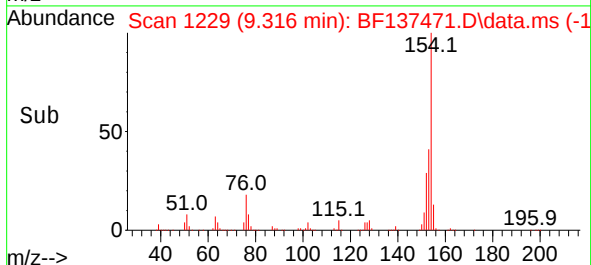
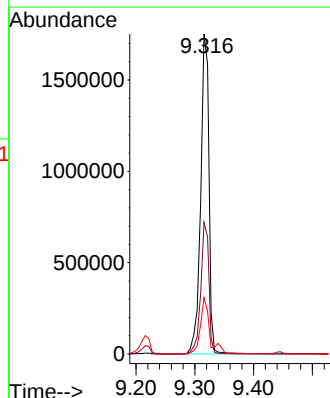
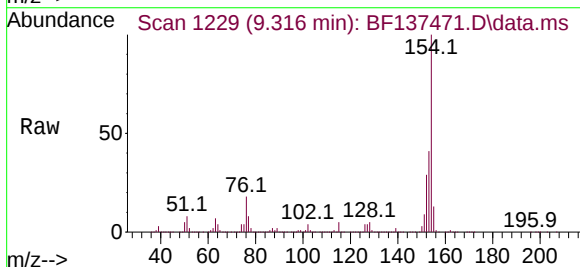
Tgt Ion:154 Resp: 1715842

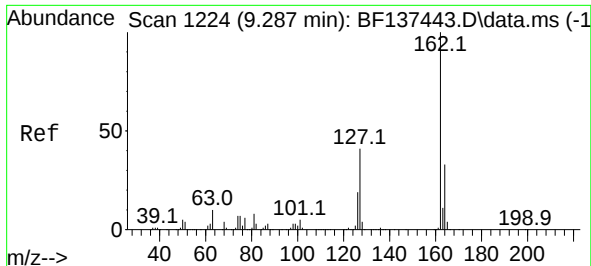
Ion Ratio Lower Upper

154 100

153 41.1 21.0 61.0

76 17.6 0.0 35.8





#47

2-Chloronaphthalene

Concen: 46.153 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

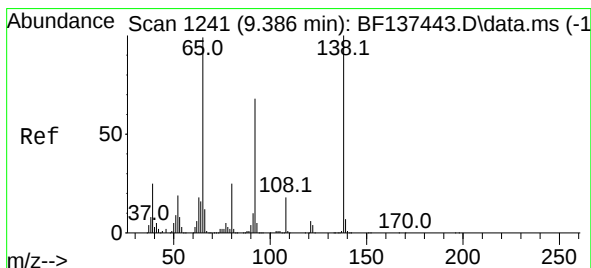
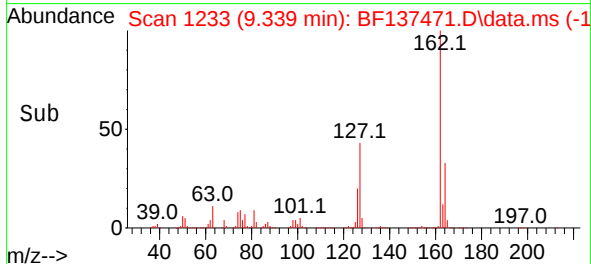
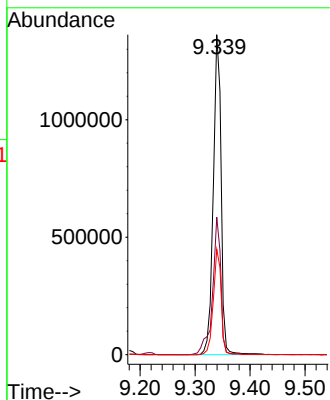
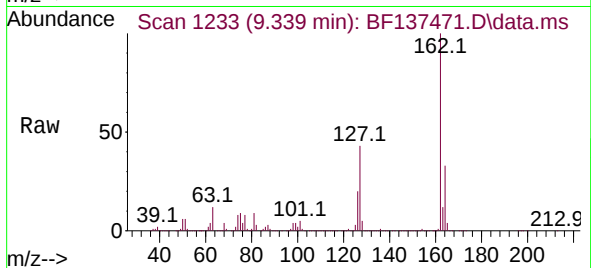
Tgt Ion:162 Resp: 1354575

Ion Ratio Lower Upper

162 100

127 42.9 32.6 49.0

164 32.9 26.5 39.7



#48

2-Nitroaniline

Concen: 49.731 ng

RT: 9.445 min Scan# 1251

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

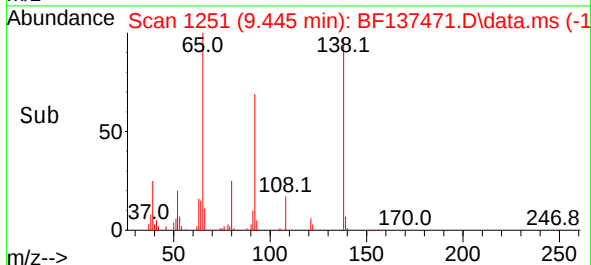
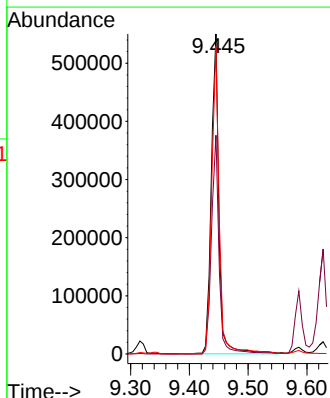
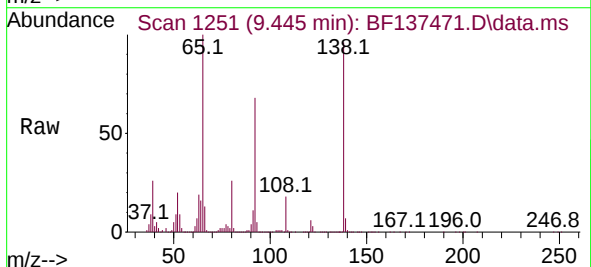
Tgt Ion: 65 Resp: 496095

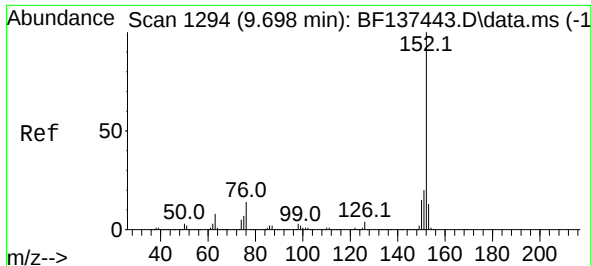
Ion Ratio Lower Upper

65 100

92 68.3 55.4 83.2

138 96.2 81.0 121.6





#49

Acenaphthylene

Concen: 45.376 ng

RT: 9.757 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

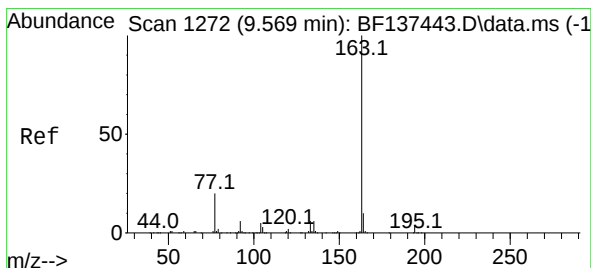
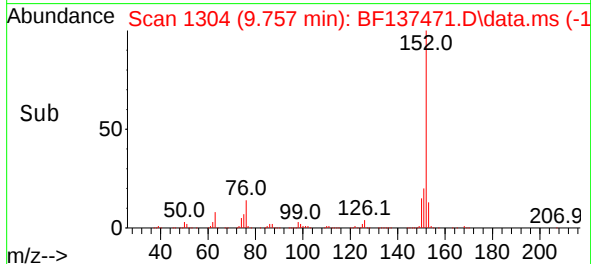
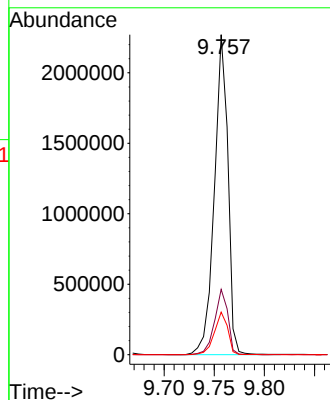
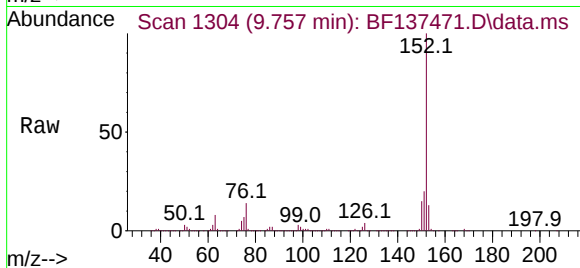
Tgt Ion:152 Resp: 2131281

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 45.348 ng

RT: 9.627 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

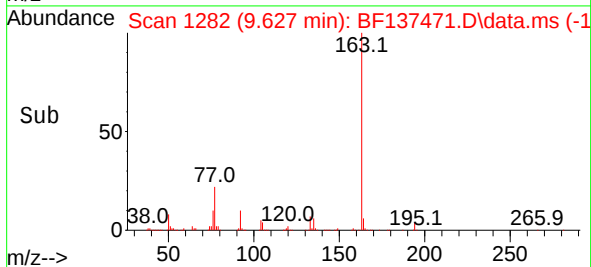
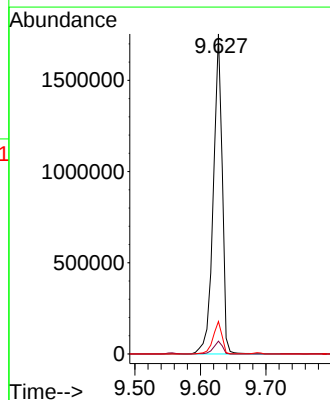
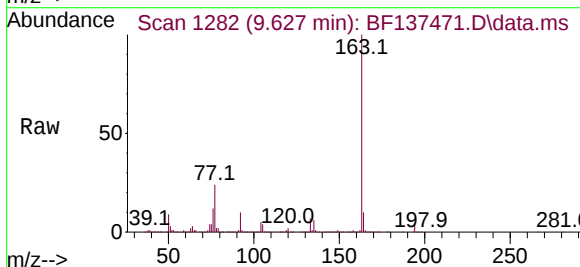
Tgt Ion:163 Resp: 1660296

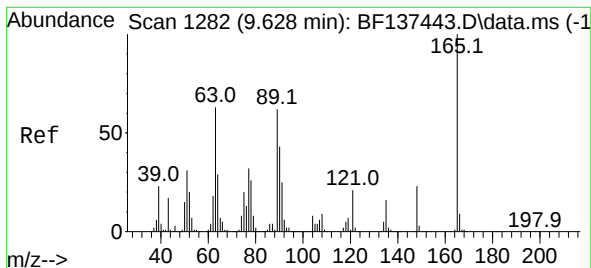
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 47.939 ng

RT: 9.686 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

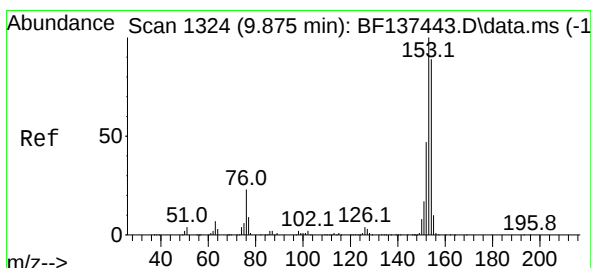
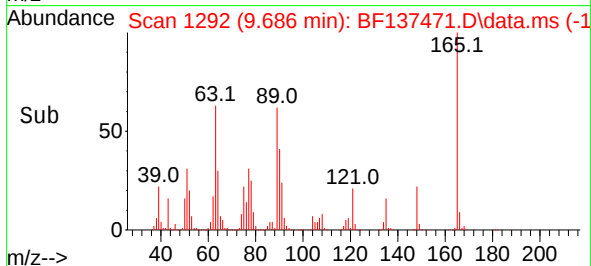
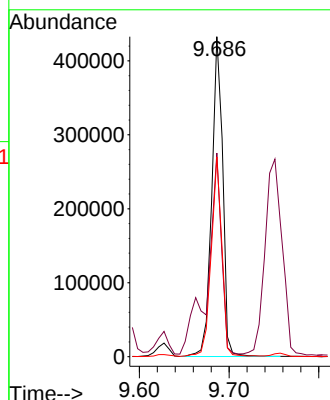
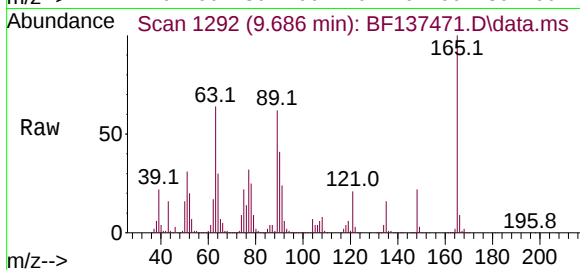
Tgt Ion:165 Resp: 367109

Ion Ratio Lower Upper

165 100

63 63.6 50.7 76.1

89 62.4 50.0 75.0



#52

Acenaphthene

Concen: 43.078 ng

RT: 9.933 min Scan# 1334

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

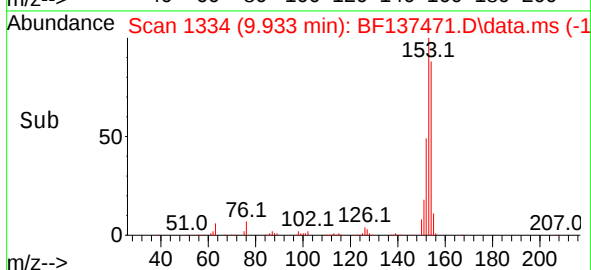
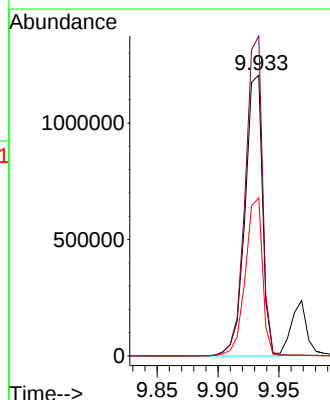
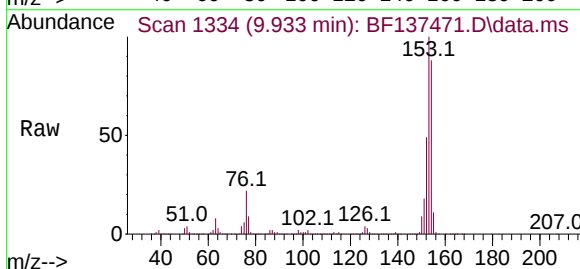
Tgt Ion:154 Resp: 1207948

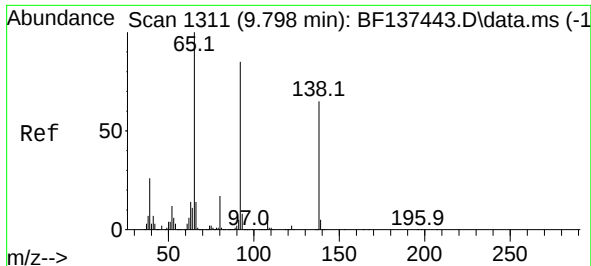
Ion Ratio Lower Upper

154 100

153 114.0 90.3 135.5

152 56.3 42.7 64.1





#53

3-Nitroaniline

Concen: 31.389 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

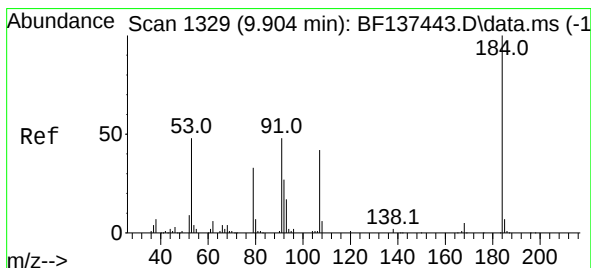
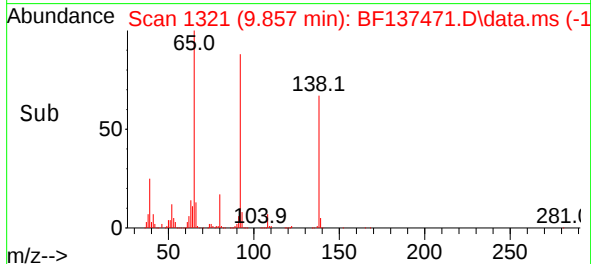
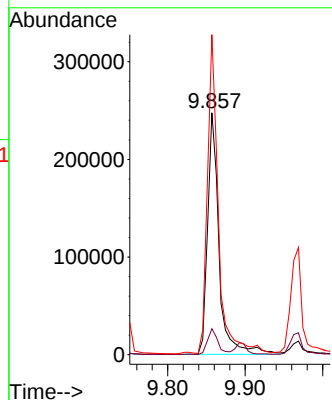
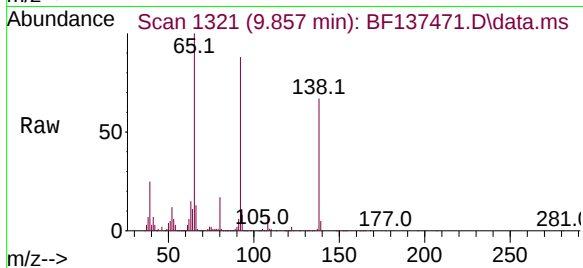
Tgt Ion:138 Resp: 254253

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

92 132.3 104.6 157.0



#54

2,4-Dinitrophenol

Concen: 99.489 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

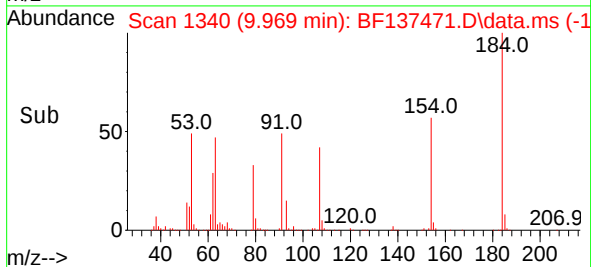
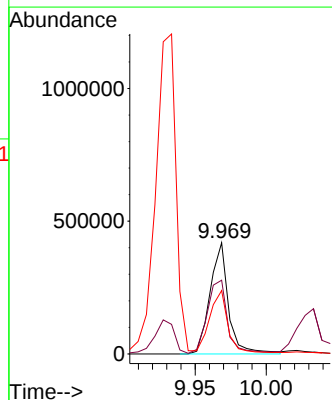
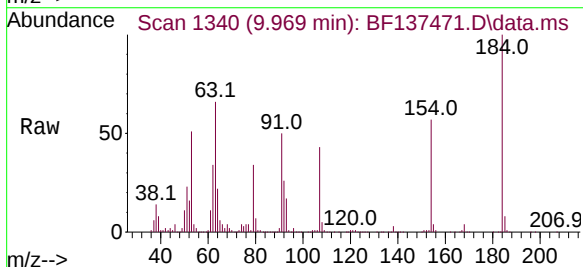
Tgt Ion:184 Resp: 379945

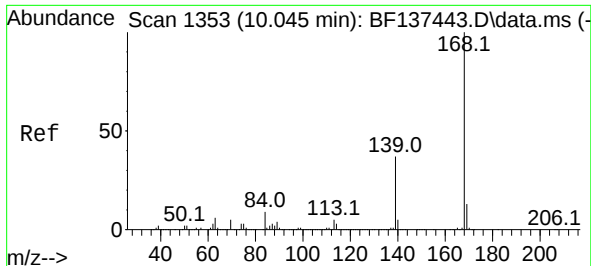
Ion Ratio Lower Upper

184 100

63 66.4 53.3 79.9

154 57.0 47.4 71.0





#55

Dibenzenofuran

Concen: 42.751 ng

RT: 10.104 min Scan# 1363

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

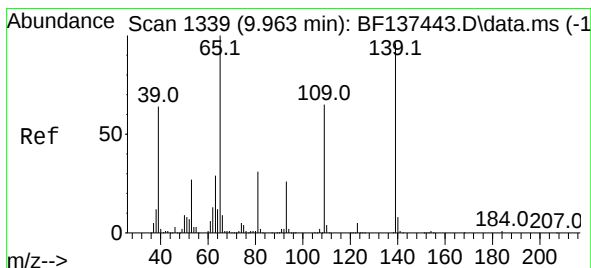
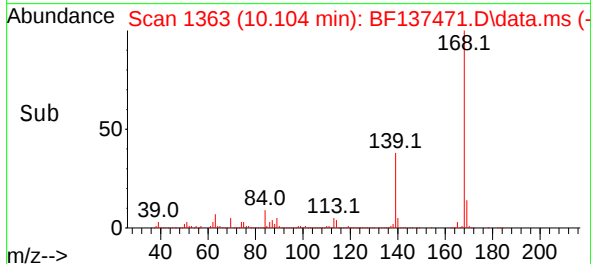
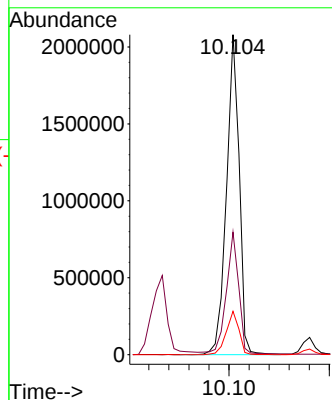
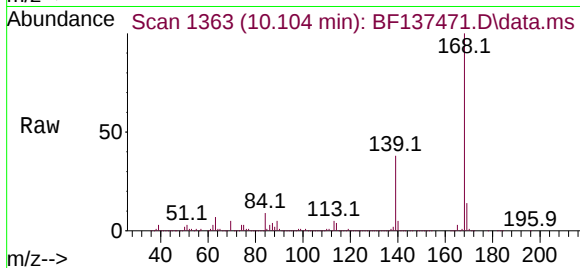
Tgt Ion:168 Resp: 1825857

Ion Ratio Lower Upper

168 100

139 38.3 29.8 44.6

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 94.911 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.012 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

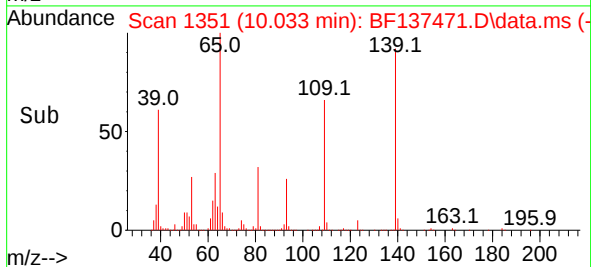
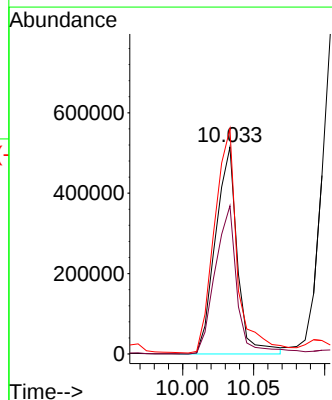
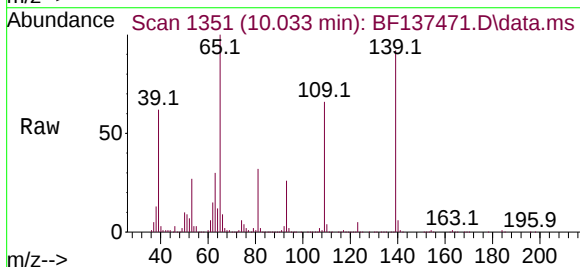
Tgt Ion:139 Resp: 552107

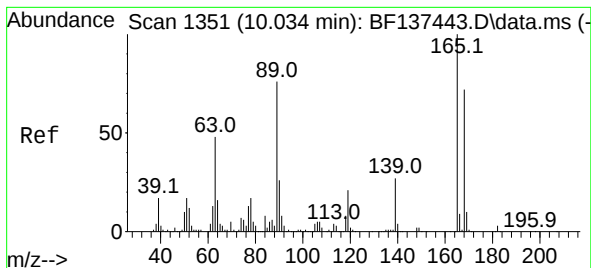
Ion Ratio Lower Upper

139 100

109 71.6 47.1 87.1

65 108.9 85.1 125.1

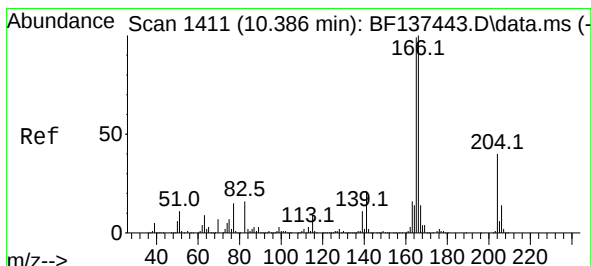
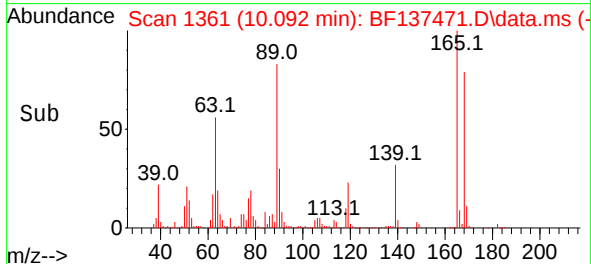
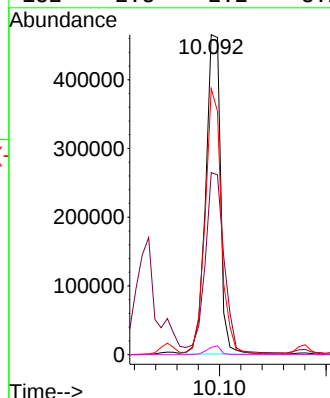
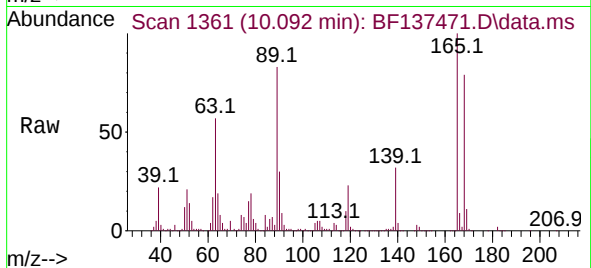




#57
2,4-Dinitrotoluene
Concen: 47.973 ng
RT: 10.092 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

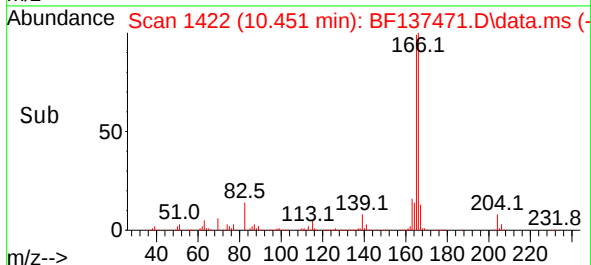
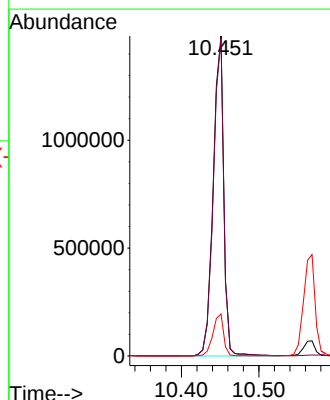
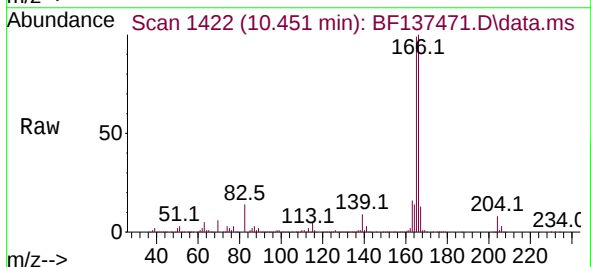
Instrument :
BNA_F
ClientSampleId :
PB159386BS

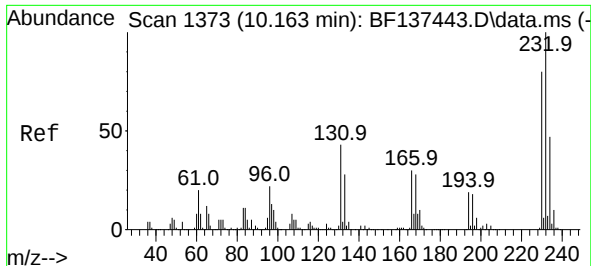
Tgt Ion:165 Resp: 451347
Ion Ratio Lower Upper
165 100
63 56.9 39.0 58.6
89 83.1 60.9 91.3
182 2.3 2.2 3.2



#58
Fluorene
Concen: 42.582 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion:166 Resp: 1396660
Ion Ratio Lower Upper
166 100
165 99.2 79.2 118.8
167 13.2 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.046 ng

RT: 10.222 min Scan# 1402

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

Tgt Ion:232 Resp: 415549

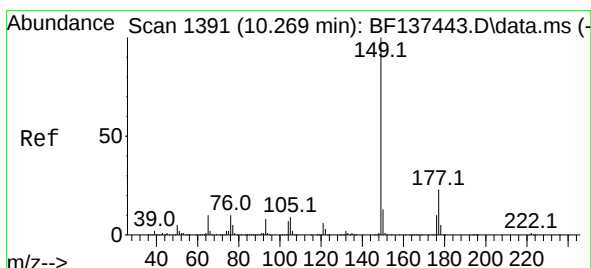
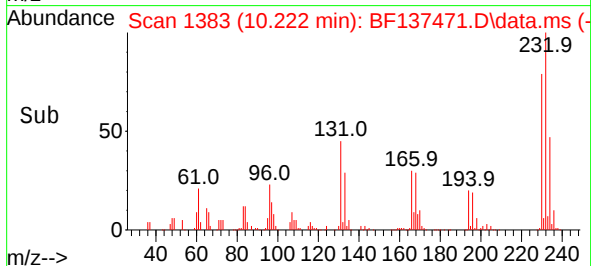
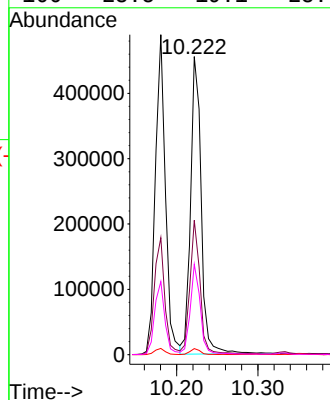
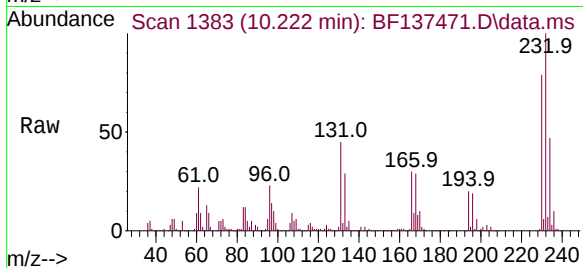
Ion Ratio Lower Upper

232 100

131 43.7 31.2 46.8

130 2.0 1.8 2.6

166 28.5 19.1 28.7



#60

Diethylphthalate

Concen: 44.765 ng

RT: 10.333 min Scan# 1402

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

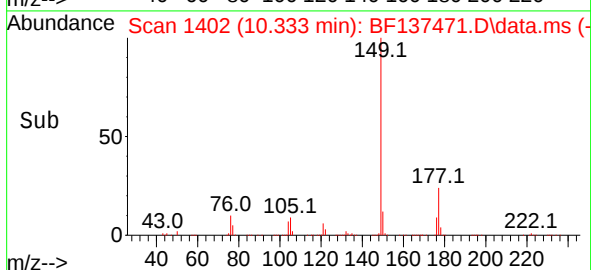
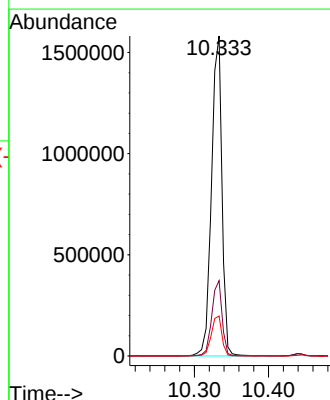
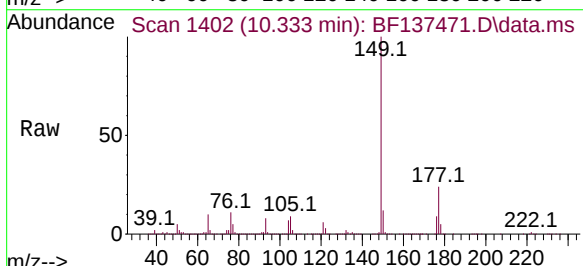
Tgt Ion:149 Resp: 1547711

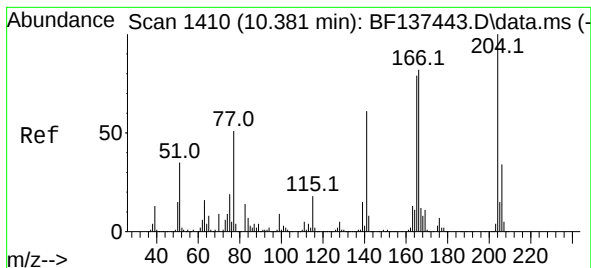
Ion Ratio Lower Upper

149 100

177 23.6 18.7 28.1

150 12.5 10.2 15.4

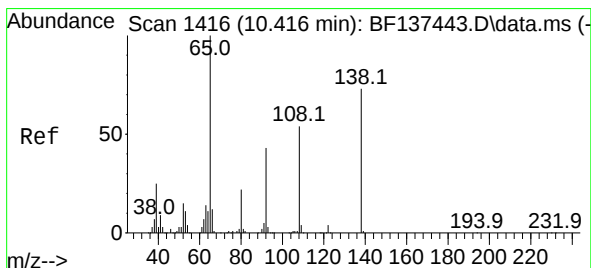
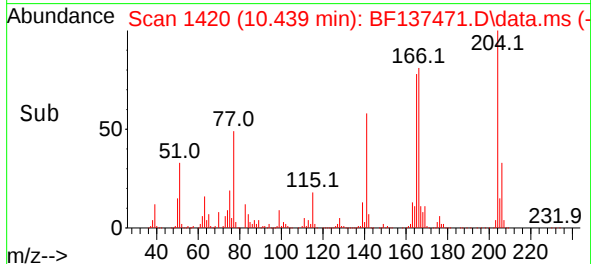
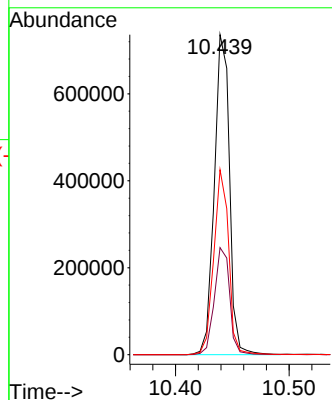
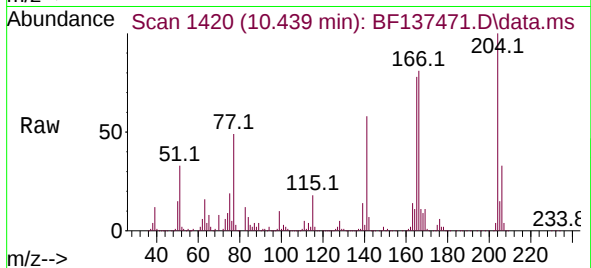




#61
4-Chlorophenyl-phenylether
Concen: 42.531 ng
RT: 10.439 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

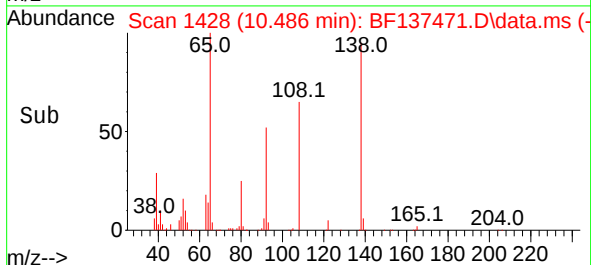
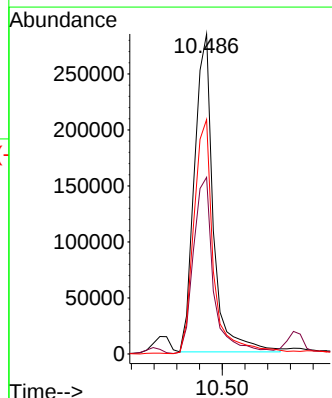
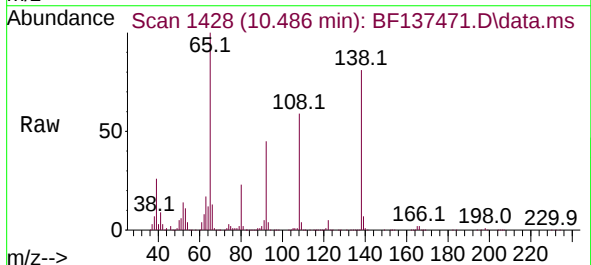
Instrument :
BNA_F
ClientSampleId :
PB159386BS

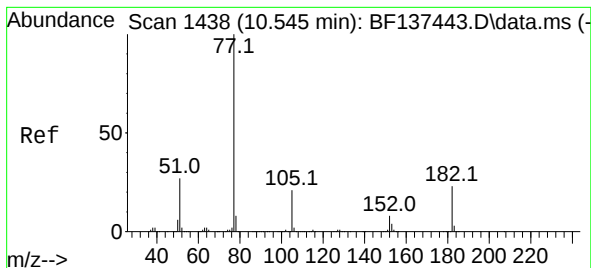
Tgt Ion:204 Resp: 683684
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.0
141 57.8 48.4 72.6



#62
4-Nitroaniline
Concen: 47.154 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion:138 Resp: 328282
Ion Ratio Lower Upper
138 100
92 55.2 37.9 77.9
108 73.3 53.2 93.2





#63

Azobenzene

Concen: 45.337 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

Tgt Ion: 77 Resp: 1804961

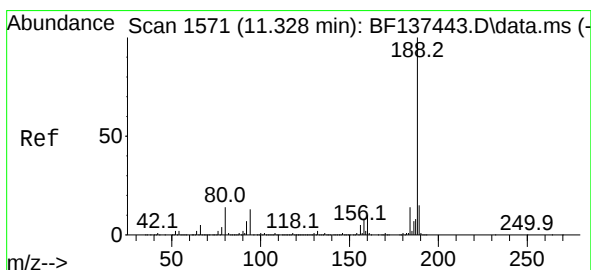
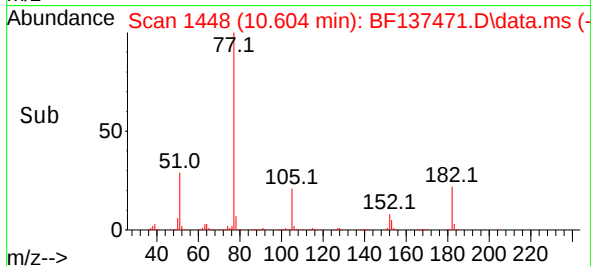
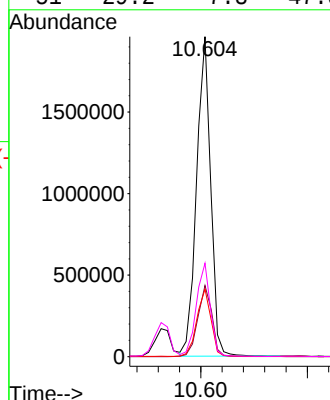
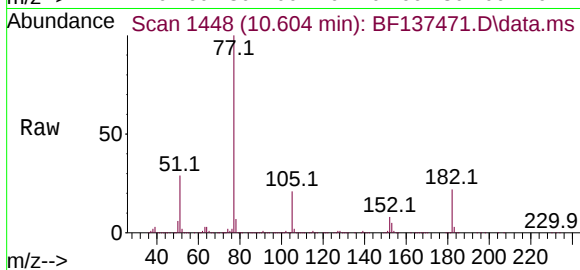
Ion Ratio Lower Upper

77 100

182 22.3 3.2 43.2

105 21.1 1.2 41.2

51 29.2 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

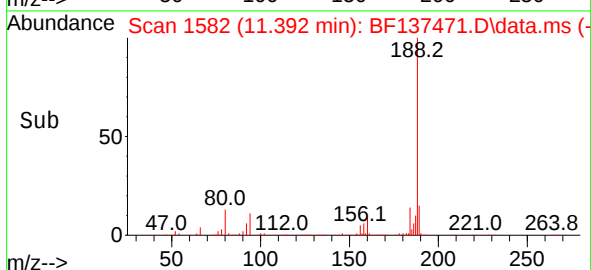
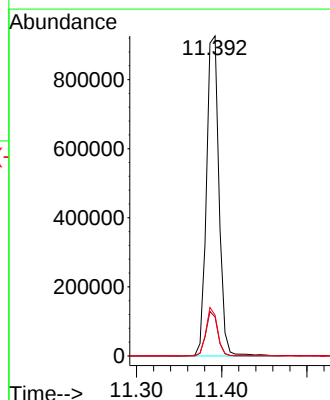
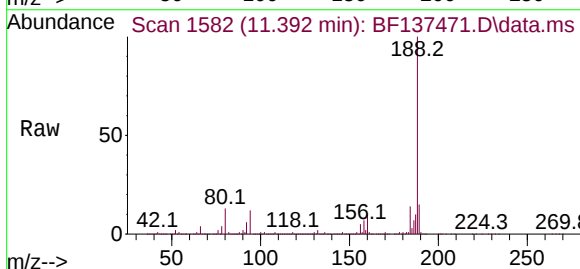
Tgt Ion:188 Resp: 942320

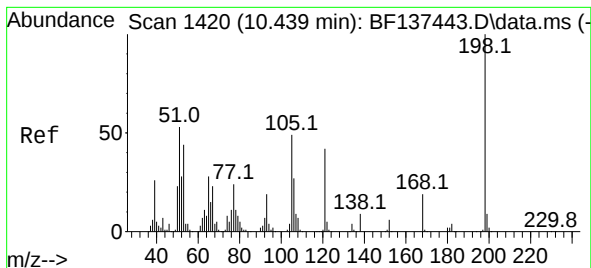
Ion Ratio Lower Upper

188 100

94 12.2 10.6 15.8

80 12.7 11.5 17.3

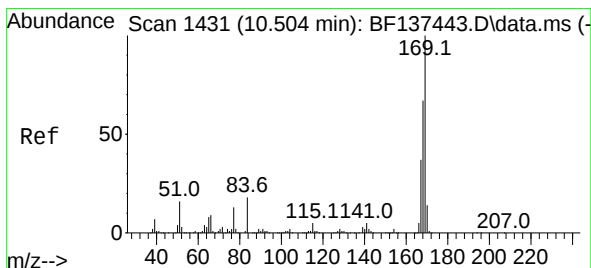
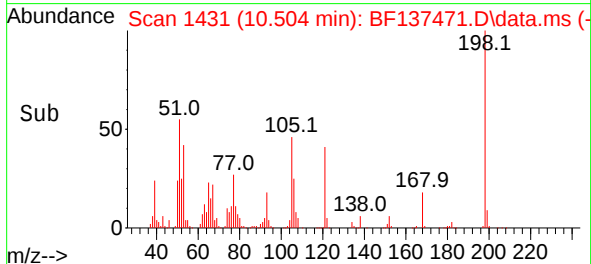
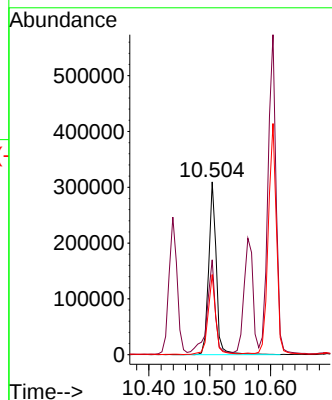
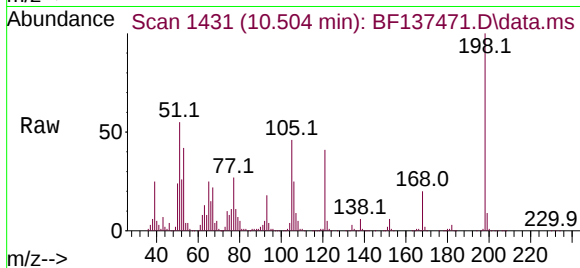




#65
4,6-Dinitro-2-methylphenol
Concen: 51.071 ng
RT: 10.504 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

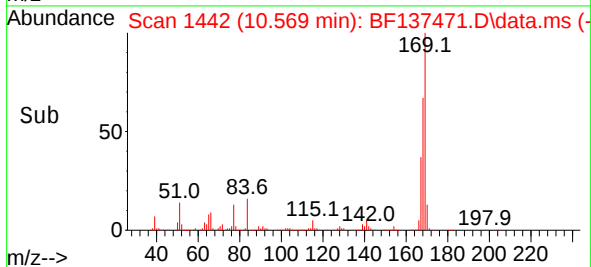
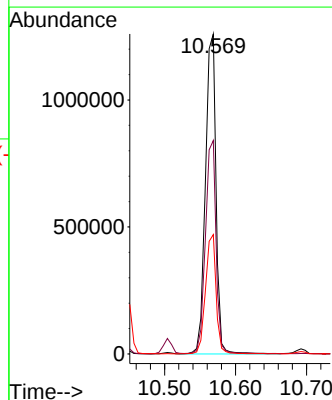
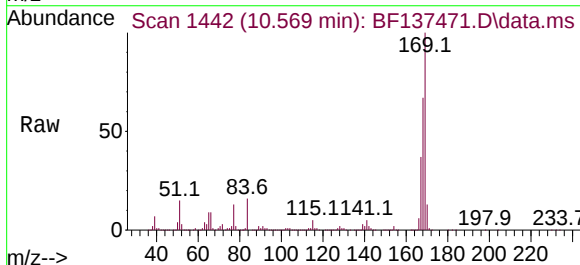
Instrument :
BNA_F
ClientSampleId :
PB159386BS

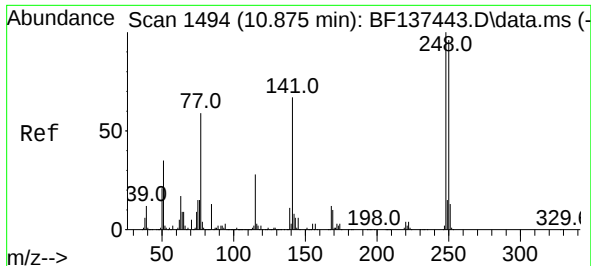
Tgt Ion:198 Resp: 268227
Ion Ratio Lower Upper
198 100
51 55.0 37.2 77.2
105 46.5 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 43.160 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion:169 Resp: 1309634
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.6
167 37.3 29.6 44.4

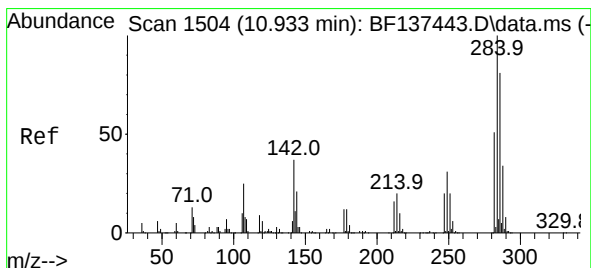
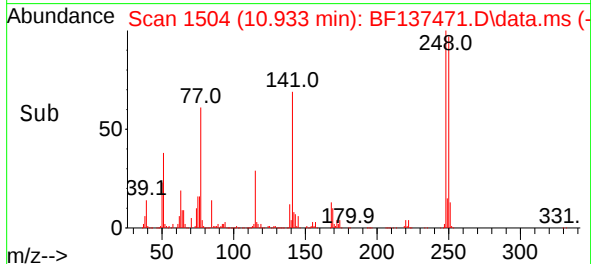
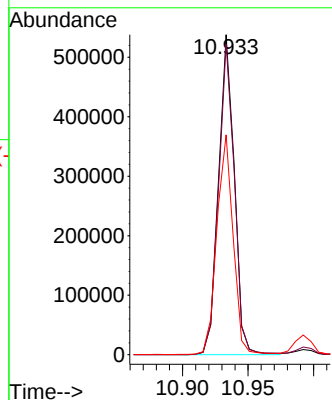
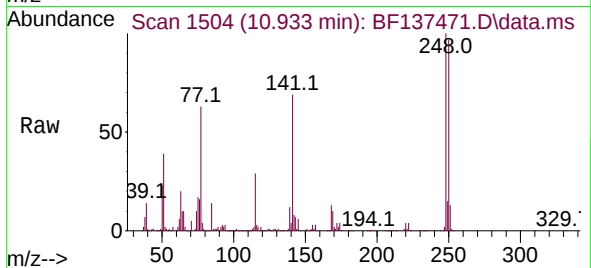




#67
4-Bromophenyl-phenylether
Concen: 43.958 ng
RT: 10.933 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

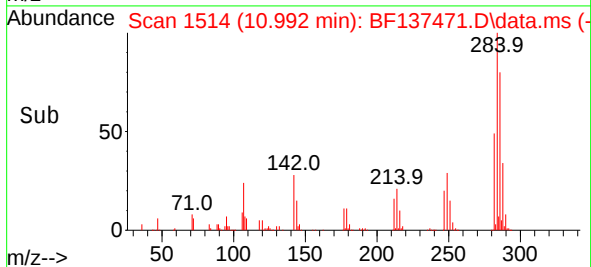
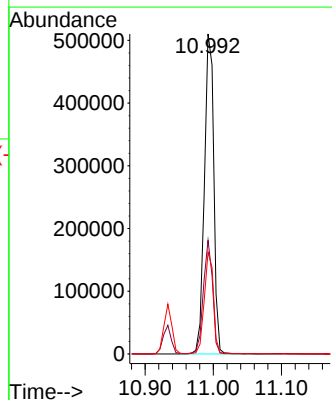
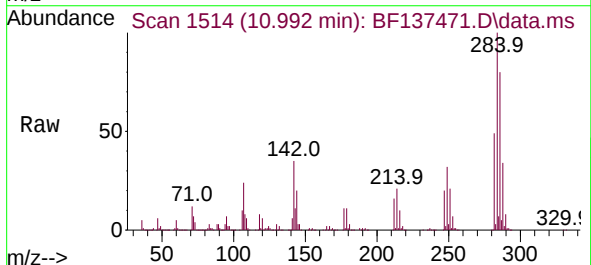
Instrument :
BNA_F
ClientSampleId :
PB159386BS

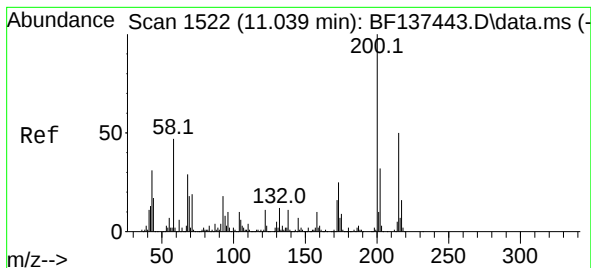
Tgt Ion:248 Resp: 451167
Ion Ratio Lower Upper
248 100
250 97.1 76.8 115.2
141 68.7 53.4 80.0



#68
Hexachlorobenzene
Concen: 47.152 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion:284 Resp: 488790
Ion Ratio Lower Upper
284 100
142 35.5 29.4 44.0
249 31.8 25.0 37.4





#69

Atrazine

Concen: 42.606 ng

RT: 11.098 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

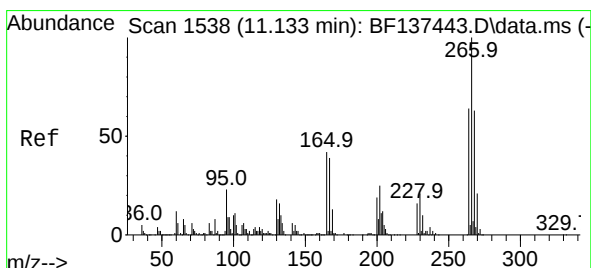
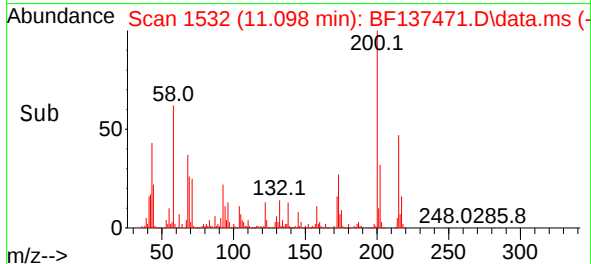
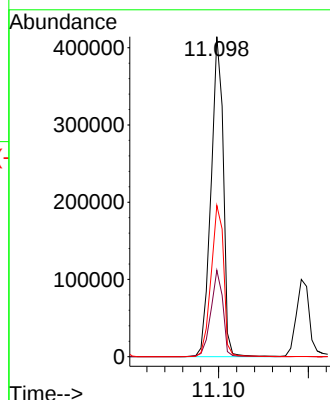
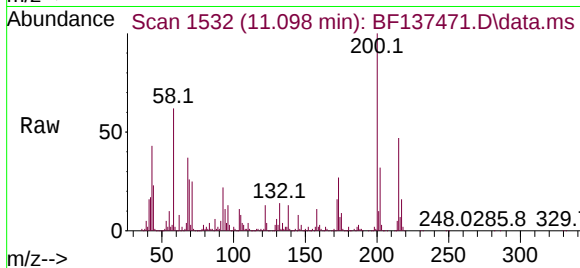
Tgt Ion:200 Resp: 393021

Ion Ratio Lower Upper

200 100

173 27.0 5.1 45.1

215 47.3 30.4 70.4



#70

Pentachlorophenol

Concen: 90.337 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

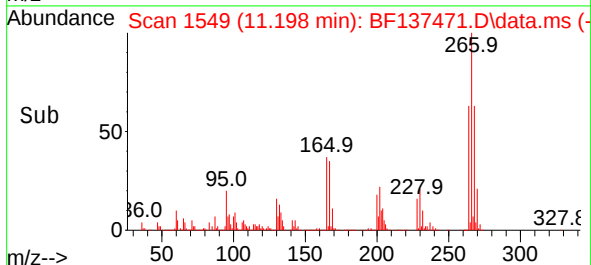
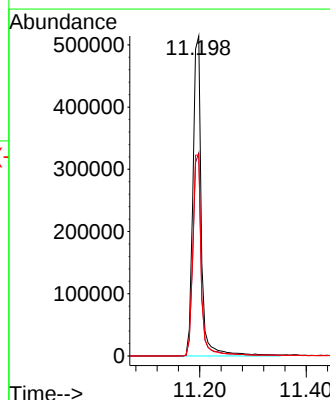
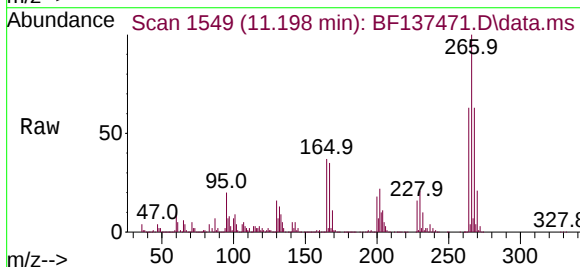
Tgt Ion:266 Resp: 566108

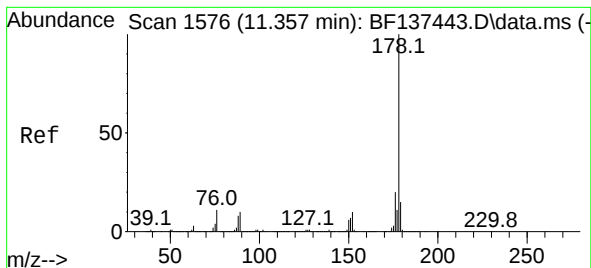
Ion Ratio Lower Upper

266 100

268 63.4 50.2 75.2

264 62.8 50.9 76.3





#71

Phenanthrene

Concen: 42.783 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

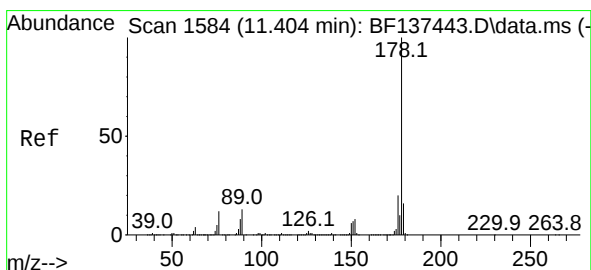
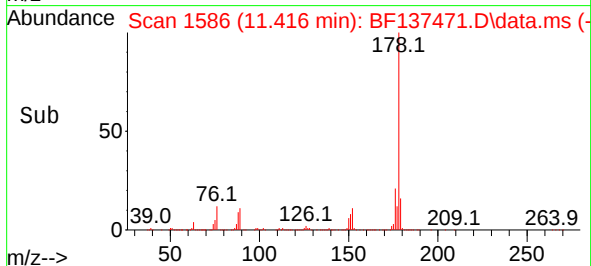
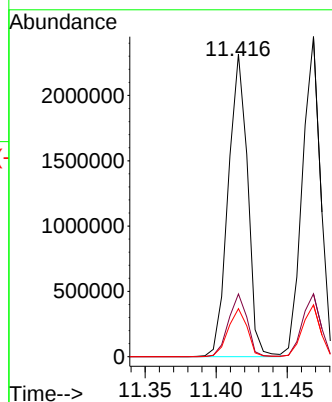
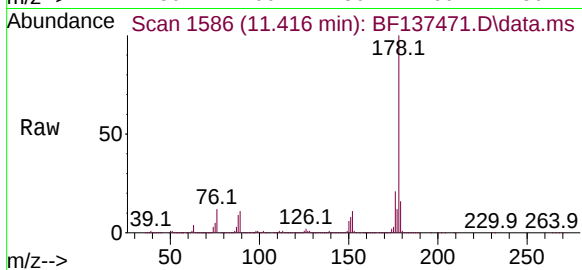
Tgt Ion:178 Resp: 2194015

Ion Ratio Lower Upper

178 100

176 20.7 15.8 23.8

179 15.9 12.2 18.2



#72

Anthracene

Concen: 42.290 ng

RT: 11.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

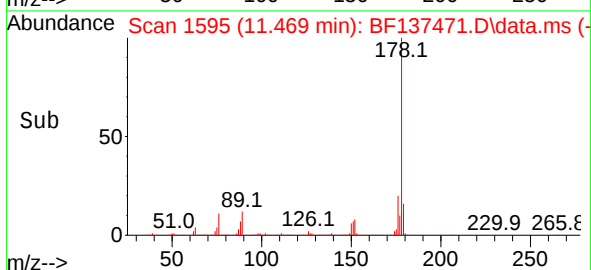
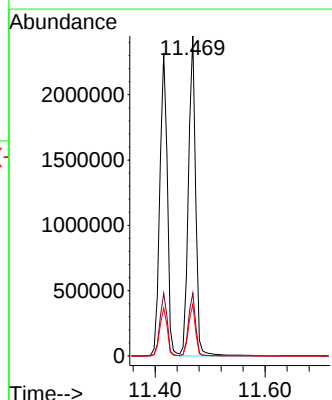
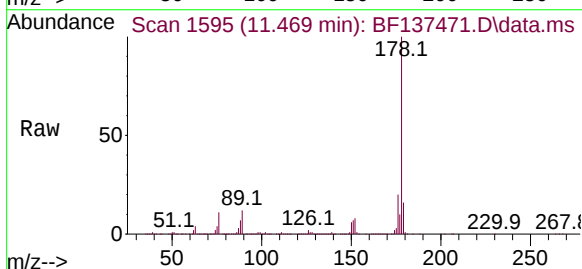
Tgt Ion:178 Resp: 2227453

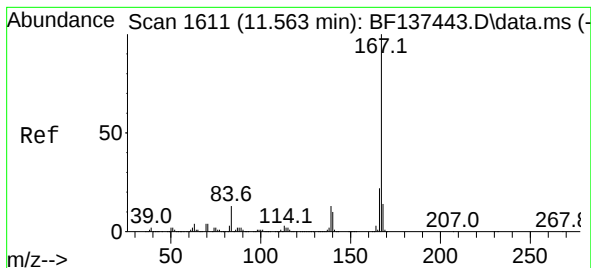
Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

179 16.2 12.7 19.1





#73

Carbazole

Concen: 44.748 ng

RT: 11.627 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

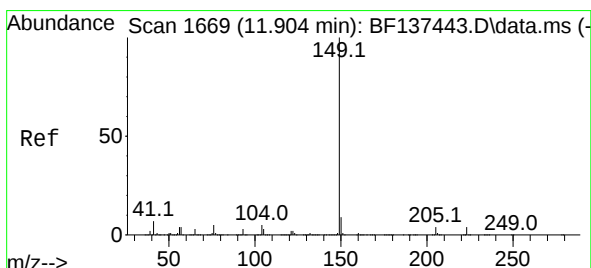
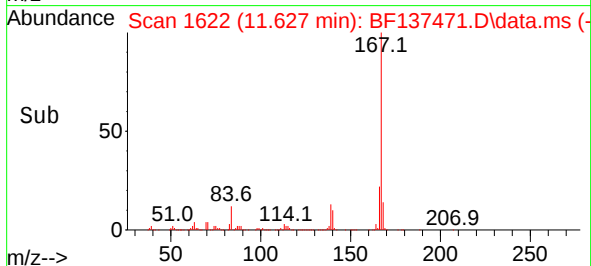
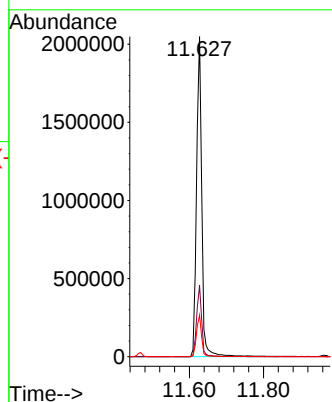
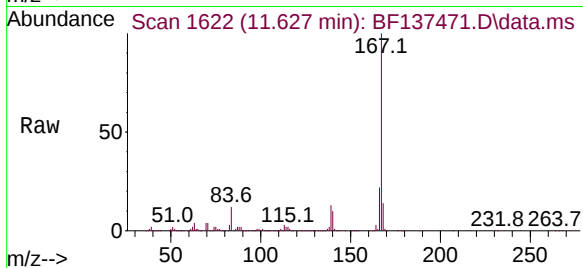
Tgt Ion:167 Resp: 2018840

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.8

139 13.0 10.5 15.7



#74

Di-n-butylphthalate

Concen: 44.462 ng

RT: 11.963 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

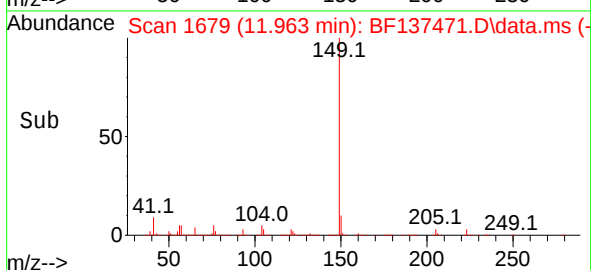
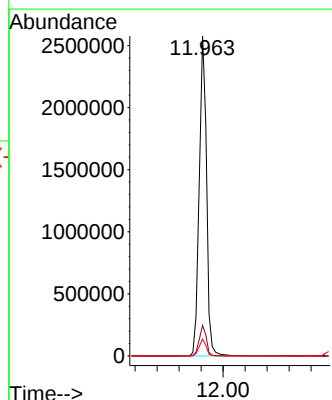
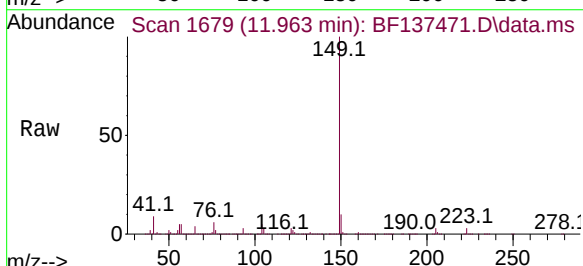
Tgt Ion:149 Resp: 2386625

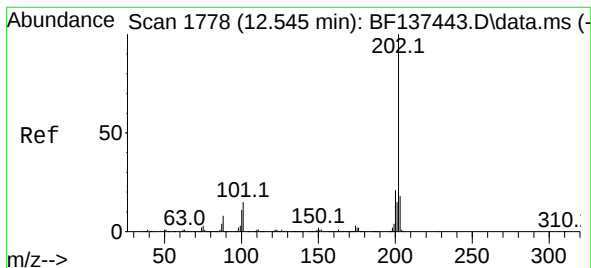
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 5.3 3.8 5.6

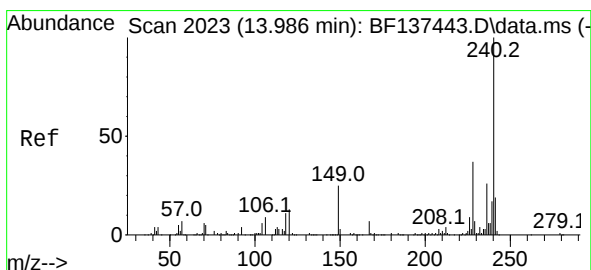
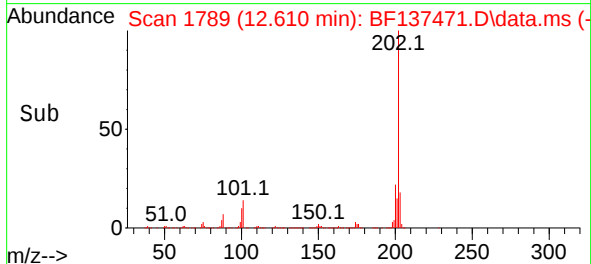
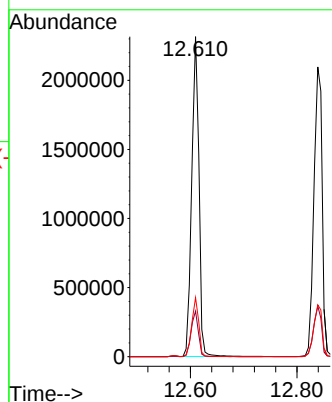
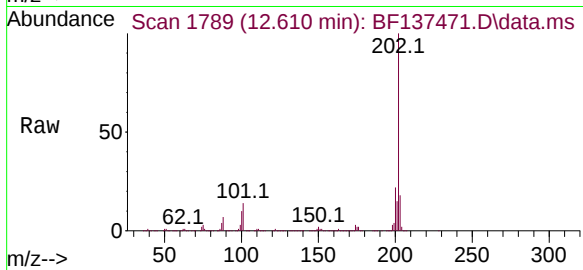




#75
Fluoranthene
Concen: 43.629 ng
RT: 12.610 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

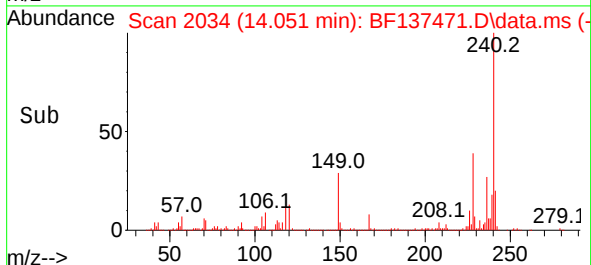
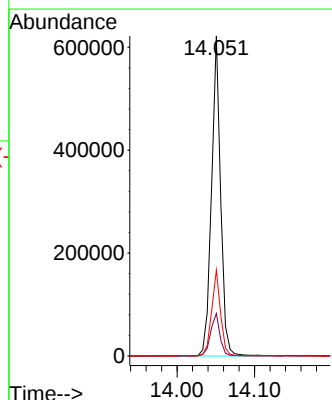
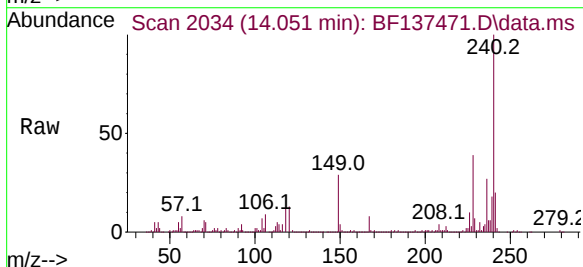
Instrument :
BNA_F
ClientSampleId :
PB159386BS

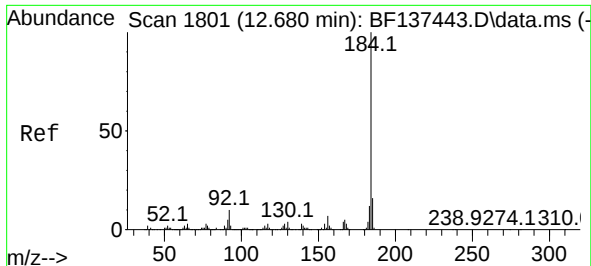
Tgt Ion:202 Resp: 2187010
Ion Ratio Lower Upper
202 100
101 14.2 0.0 35.0
203 18.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion:240 Resp: 508355
Ion Ratio Lower Upper
240 100
120 13.3 10.4 15.6
236 26.8 20.9 31.3

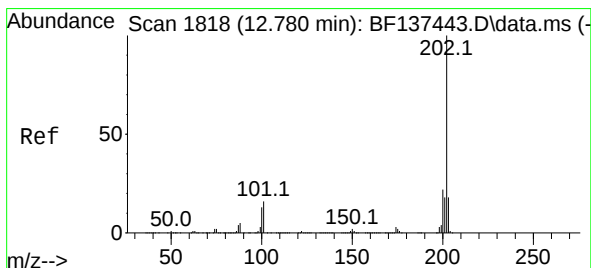
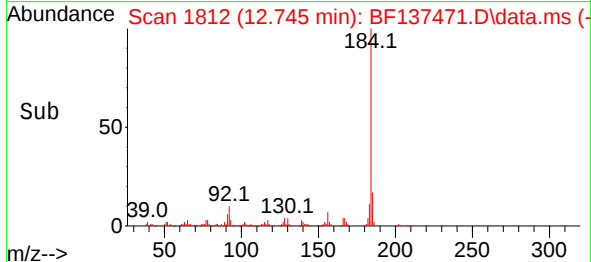
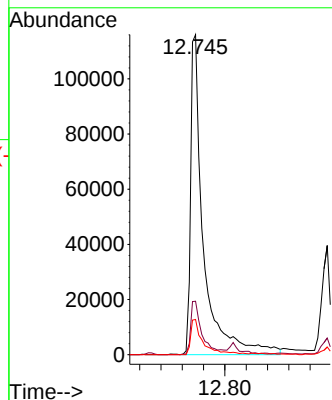
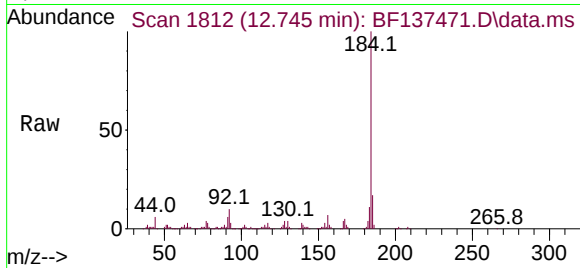




#77
Benzidine
Concen: 15.711 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

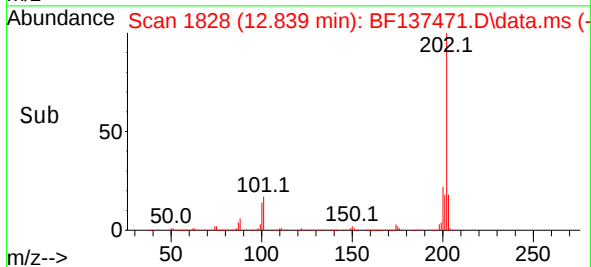
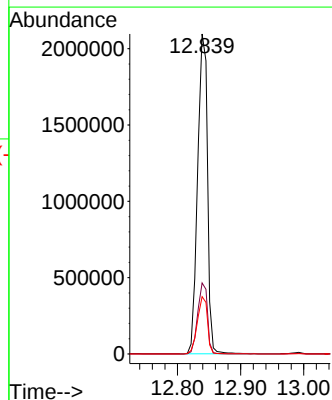
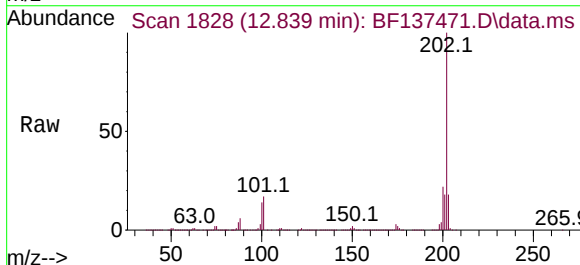
Instrument :
BNA_F
ClientSampleId :
PB159386BS

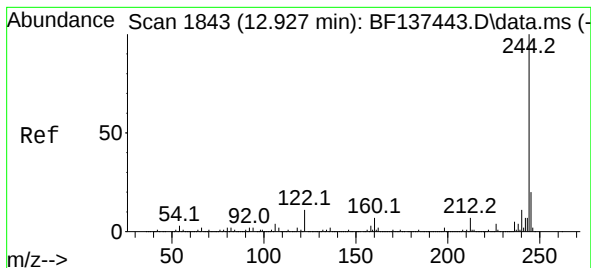
Tgt Ion:184 Resp: 195449
Ion Ratio Lower Upper
184 100
185 16.7 13.2 19.8
183 11.0 9.3 13.9



#78
Pyrene
Concen: 45.460 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF137471.D
Acq: 02 Mar 2024 13:53

Tgt Ion:202 Resp: 2267614
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 86.481 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

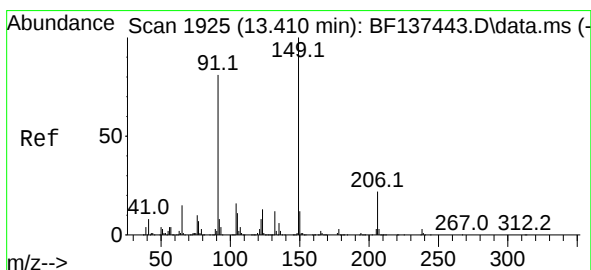
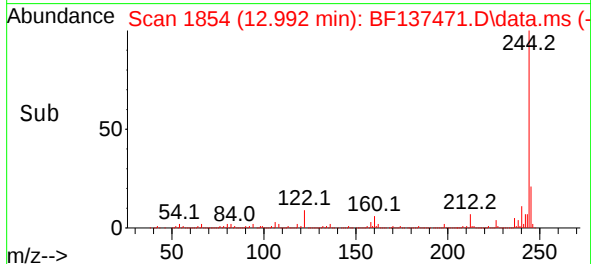
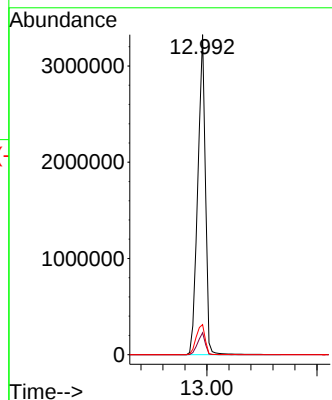
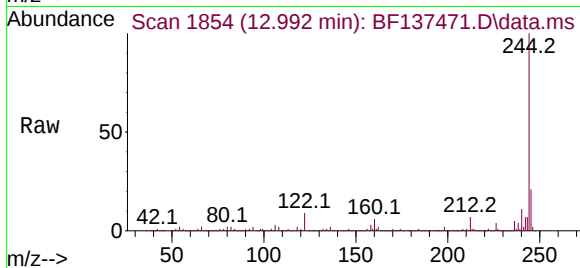
Tgt Ion:244 Resp: 3197061

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 9.4 9.1 13.7



#80

Butylbenzylphthalate

Concen: 53.121 ng

RT: 13.474 min Scan# 1936

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

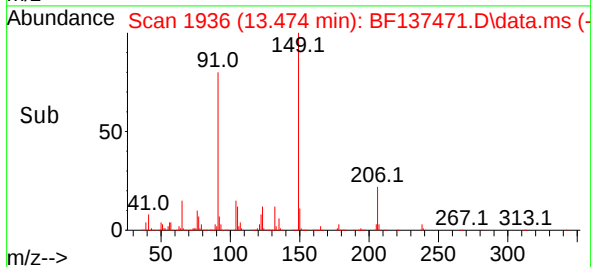
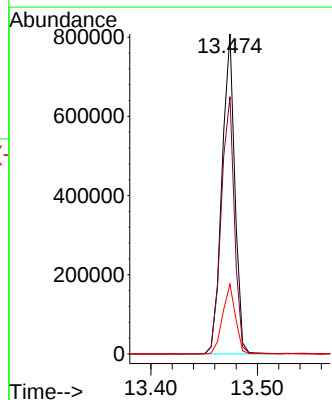
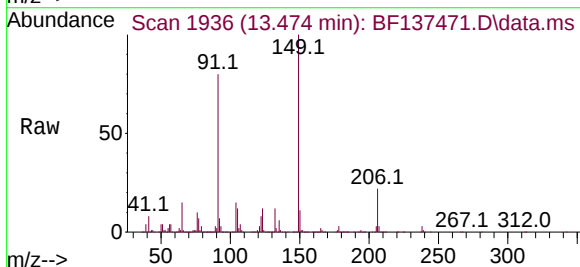
Tgt Ion:149 Resp: 676701

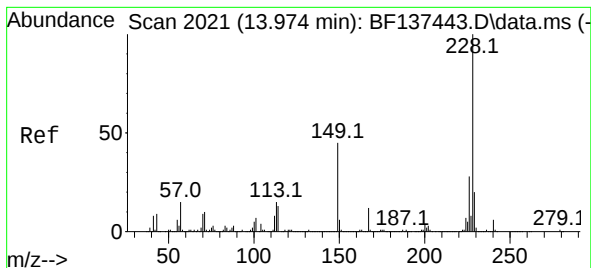
Ion Ratio Lower Upper

149 100

91 80.4 64.7 97.1

206 21.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 45.581 ng

RT: 14.039 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

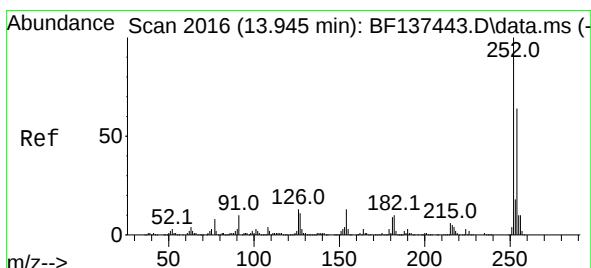
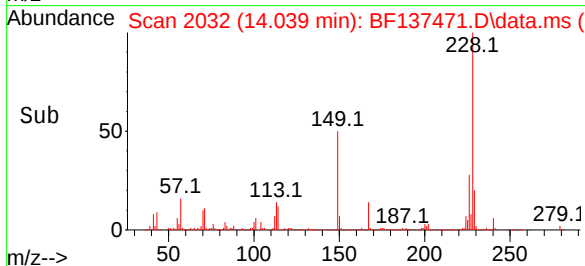
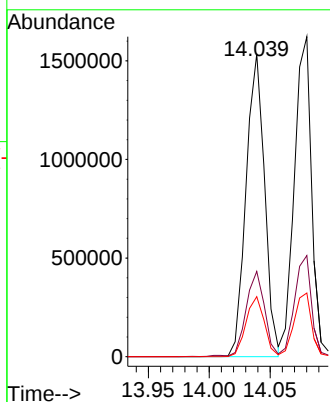
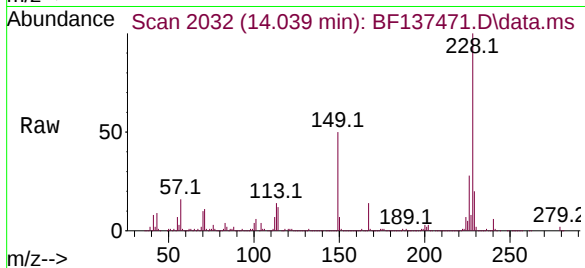
Tgt Ion:228 Resp: 1624061

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

229 19.8 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 38.827 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

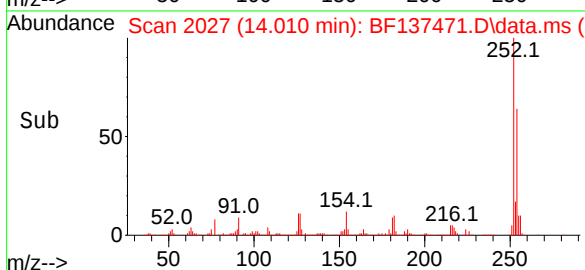
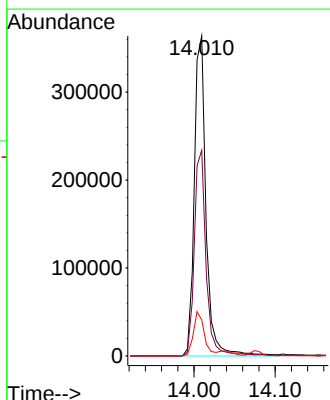
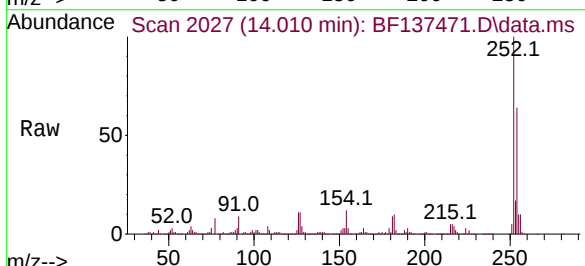
Tgt Ion:252 Resp: 368402

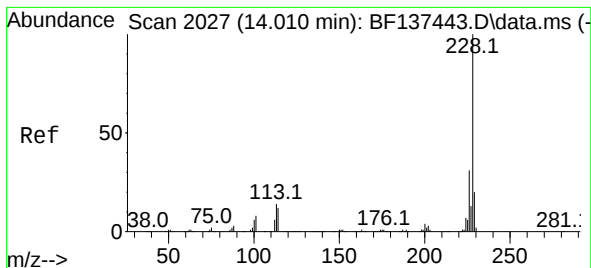
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

126 11.2 10.4 15.6





#83

Chrysene

Concen: 45.211 ng

RT: 14.080 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

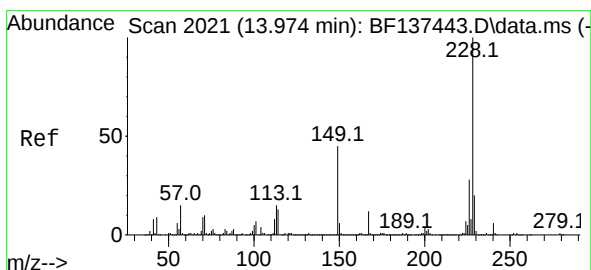
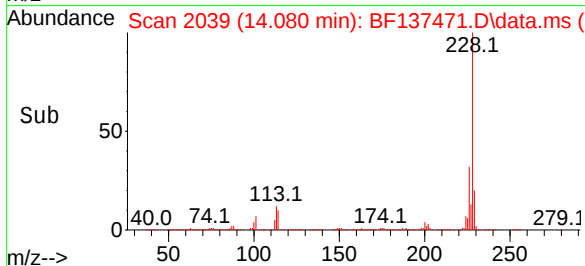
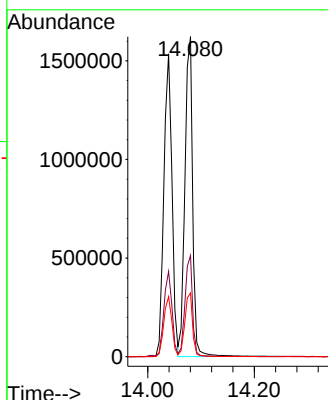
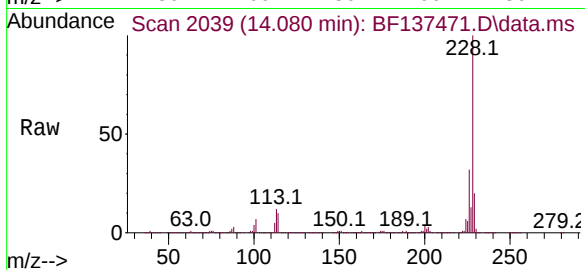
Tgt Ion:228 Resp: 1628092

Ion Ratio Lower Upper

228 100

226 31.6 24.7 37.1

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.397 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

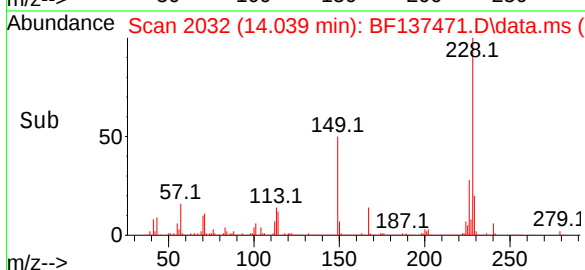
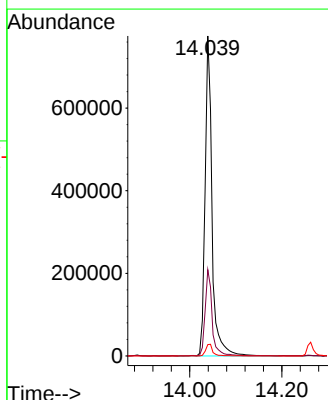
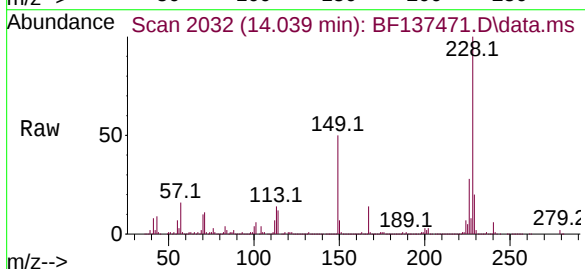
Tgt Ion:149 Resp: 816004

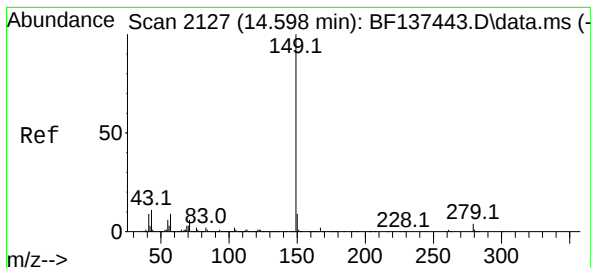
Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

279 3.6 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 45.286 ng

RT: 14.662 min Scan# 2127

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

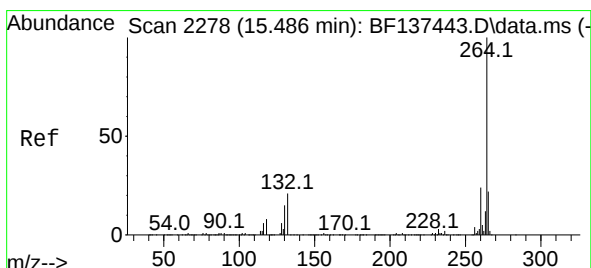
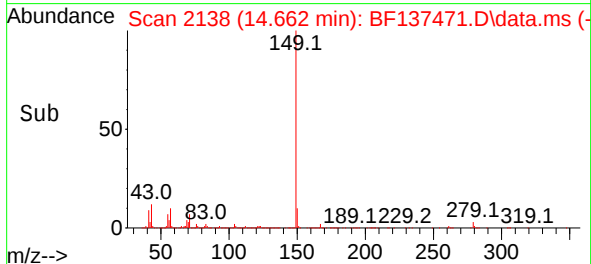
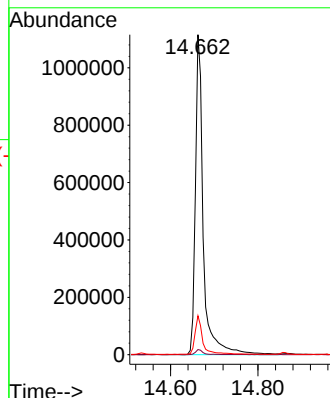
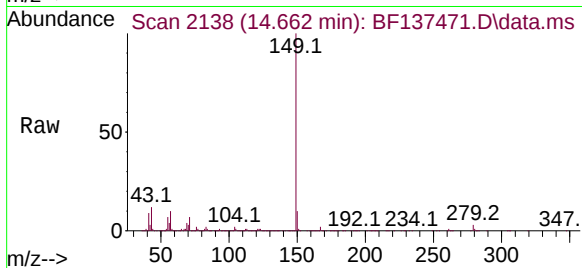
Tgt Ion:149 Resp: 1401964

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2293

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

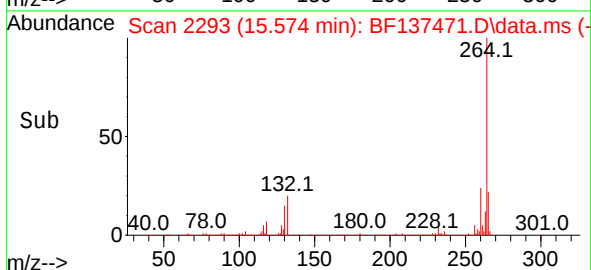
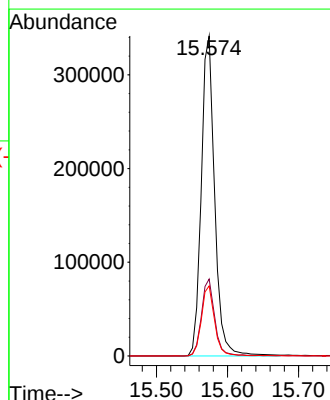
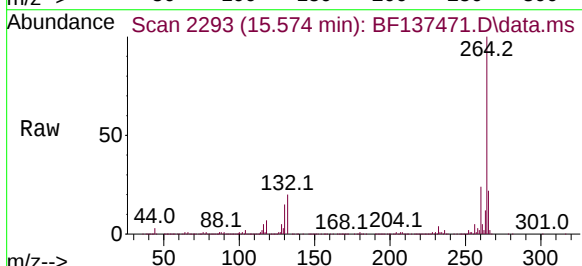
Tgt Ion:264 Resp: 448907

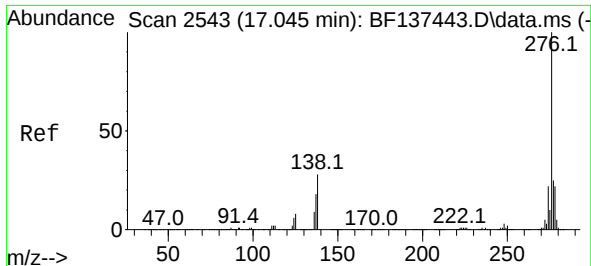
Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

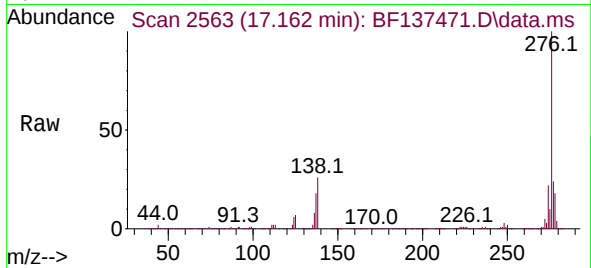
265 21.9 17.4 26.0



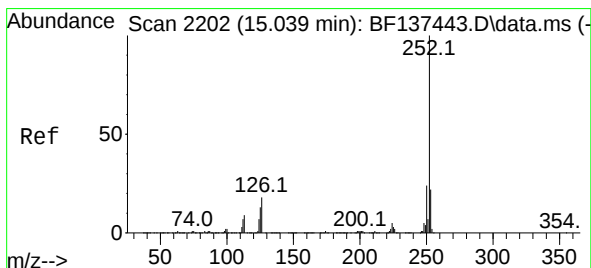
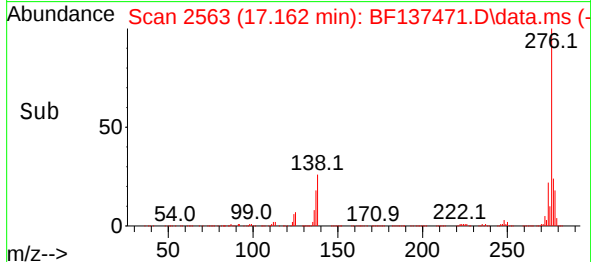
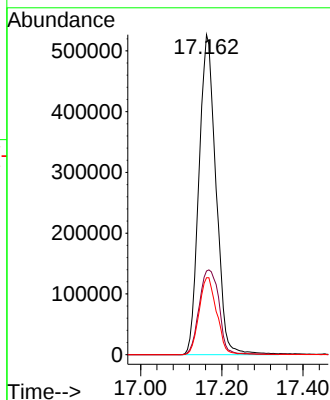


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.896 ng
 RT: 17.162 min Scan# 2116
 Delta R.T. 0.006 min
 Lab File: BF137471.D
 Acq: 02 Mar 2024 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PB159386BS

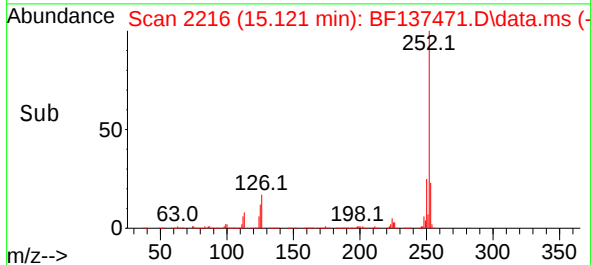
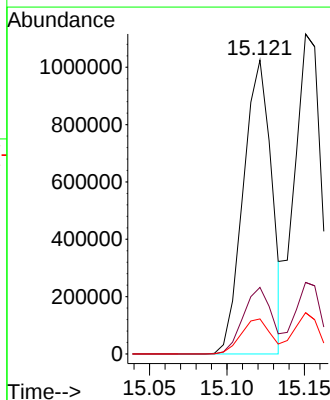
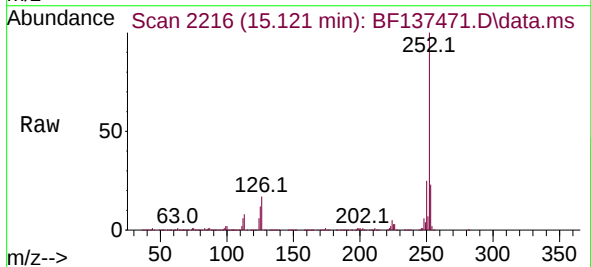


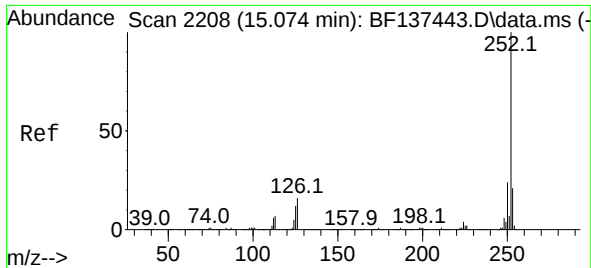
Tgt Ion:276 Resp: 1533064
 Ion Ratio Lower Upper
 276 100
 138 30.9 25.8 38.8
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 49.336 ng
 RT: 15.121 min Scan# 2216
 Delta R.T. 0.006 min
 Lab File: BF137471.D
 Acq: 02 Mar 2024 13:53

Tgt Ion:252 Resp: 1310095
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.8 26.8
 125 11.9 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 48.198 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

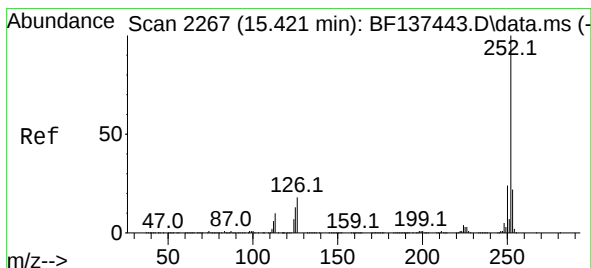
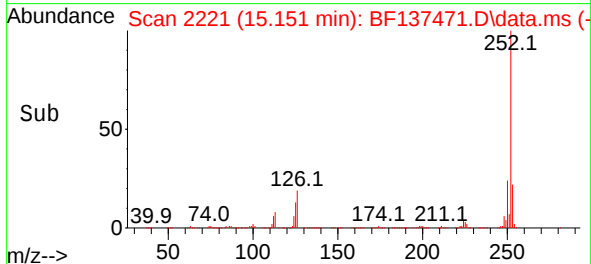
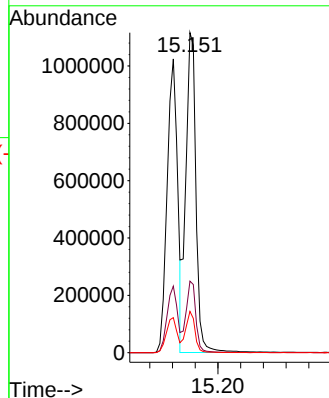
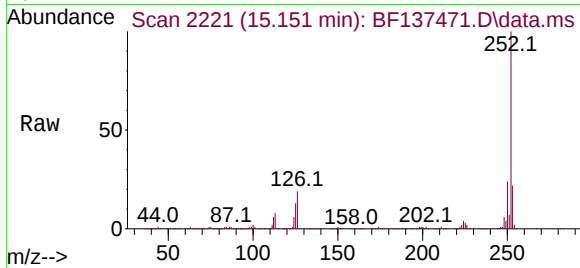
Tgt Ion:252 Resp: 1374716

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 12.9 9.6 14.4



#90

Benzo(a)pyrene

Concen: 47.260 ng

RT: 15.509 min Scan# 2282

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

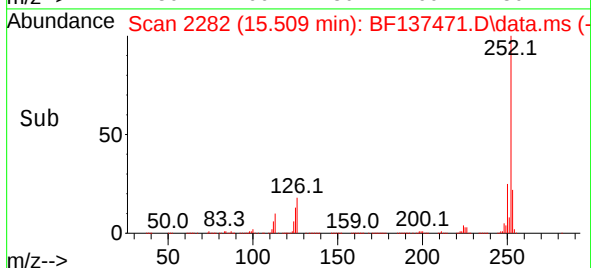
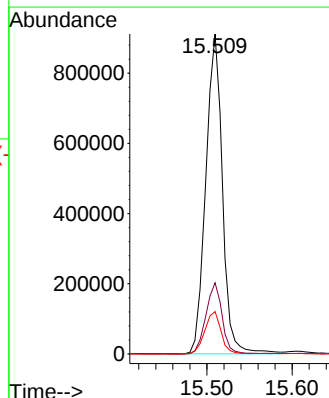
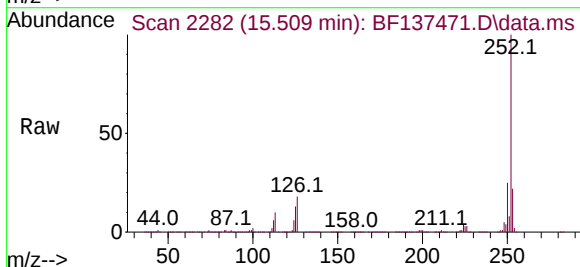
Tgt Ion:252 Resp: 1236722

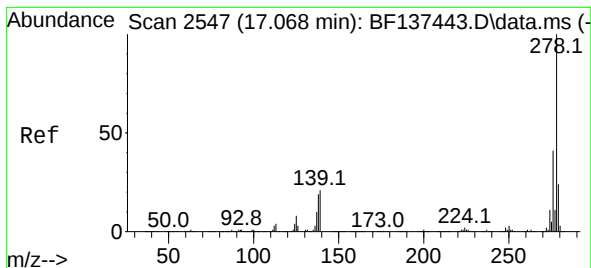
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 13.2 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 51.801 ng

RT: 17.186 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB159386BS

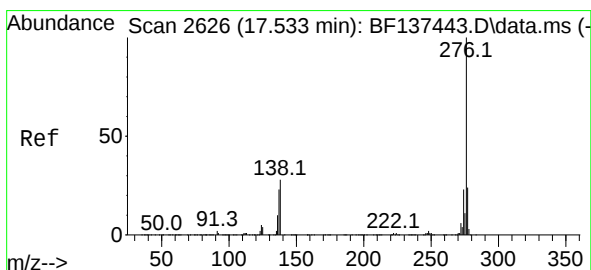
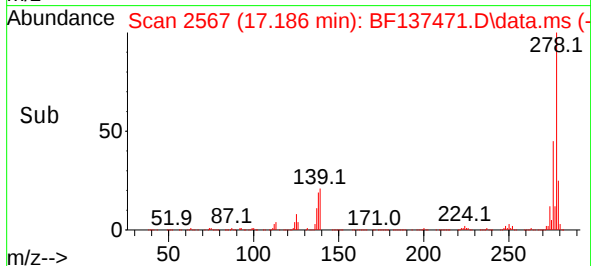
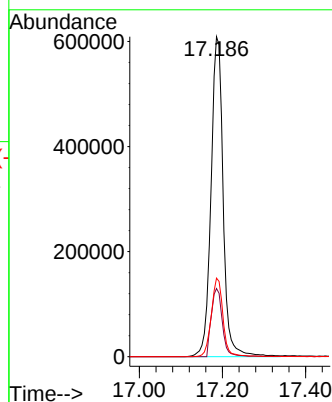
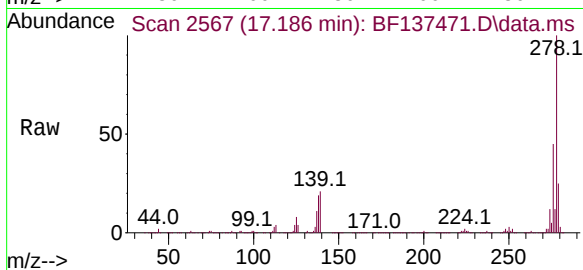
Tgt Ion:278 Resp: 1241350

Ion Ratio Lower Upper

278 100

139 21.3 17.0 25.6

279 24.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 51.060 ng

RT: 17.645 min Scan# 2645

Delta R.T. 0.006 min

Lab File: BF137471.D

Acq: 02 Mar 2024 13:53

Tgt Ion:276 Resp: 1256624

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.4

138 26.9 22.2 33.2

