

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137719.D
 Acq On : 24 Apr 2024 15:24
 Operator : CG\JU
 Sample : PB160476BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160476BS

Quant Time: Apr 24 16:11:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	288539	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1152629	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	626016	20.000	ng	0.00
64) Phenanthrene-d10	11.610	188	1048873	20.000	ng	0.00
76) Chrysene-d12	14.263	240	730960	20.000	ng	# 0.00
86) Perylene-d12	15.833	264	604317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	2317198	121.991	ng	0.02
7) Phenol-d6	6.681	99	2915893	120.884	ng	0.00
23) Nitrobenzene-d5	7.628	82	1813753	83.531	ng	0.00
42) 2,4,6-Tribromophenol	10.910	330	827080	130.930	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	3394864	81.030	ng	0.00
79) Terphenyl-d14	13.198	244	3869910	85.215	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.105	88	325531	38.273	ng	99
3) Pyridine	3.828	79	836734	36.929	ng	98
4) n-Nitrosodimethylamine	3.799	42	467608	44.221	ng	98
6) Aniline	6.728	93	694957	23.148	ng	97
8) 2-Chlorophenol	6.845	128	954272	48.127	ng	96
9) Benzaldehyde	6.616	77	32816	2.424	ng	90
10) Phenol	6.693	94	1114682	46.257	ng	96
11) bis(2-Chloroethyl)ether	6.798	93	893380	45.453	ng	99
12) 1,3-Dichlorobenzene	7.004	146	981951	47.223	ng	99
13) 1,4-Dichlorobenzene	7.081	146	993009	47.434	ng	99
14) 1,2-Dichlorobenzene	7.234	146	950268	48.765	ng	99
15) Benzyl Alcohol	7.198	79	785211	43.515	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1358991	44.959	ng	99
17) 2-Methylphenol	7.304	107	757778	43.015	ng	99
18) Hexachloroethane	7.581	117	353960	47.773	ng	98
19) n-Nitroso-di-n-propyla...	7.475	70	670340	42.977	ng	98
20) 3+4-Methylphenols	7.451	107	964628	42.395	ng	97
22) Acetophenone	7.475	105	1284213	45.553	ng	99
24) Nitrobenzene	7.645	77	972596	44.335	ng	96
25) Isophorone	7.881	82	1807007	44.809	ng	99
26) 2-Nitrophenol	7.963	139	483341	50.207	ng	98
27) 2,4-Dimethylphenol	7.987	122	722571	37.203	ng	99
28) bis(2-Chloroethoxy)met...	8.087	93	1109243	45.033	ng	99
29) 2,4-Dichlorophenol	8.198	162	800611	47.034	ng	99
30) 1,2,4-Trichlorobenzene	8.287	180	827615	47.702	ng	99
31) Naphthalene	8.375	128	2693399	45.792	ng	99
32) Benzoic acid	8.104	122	566977	46.104	ng	95
33) 4-Chloroaniline	8.410	127	284128	11.413	ng	98
34) Hexachlorobutadiene	8.481	225	483461	46.481	ng	98
35) Caprolactam	8.787	113	131819	23.953	ng	93
36) 4-Chloro-3-methylphenol	8.886	107	833031	46.142	ng	96
37) 2-Methylnaphthalene	9.063	142	1771043	43.870	ng	99
38) 1-Methylnaphthalene	9.163	142	1659814	43.975	ng	100
40) 1,2,4,5-Tetrachloroben...	9.228	216	809429	47.163	ng	99
41) Hexachlorocyclopentadiene	9.216	237	974293	101.317	ng	99
43) 2,4,6-Trichlorophenol	9.334	196	579492	48.131	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137719.D
 Acq On : 24 Apr 2024 15:24
 Operator : CG\JU
 Sample : PB160476BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

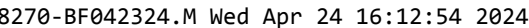
Instrument :
 BNA_F
 ClientSampleId :
 PB160476BS

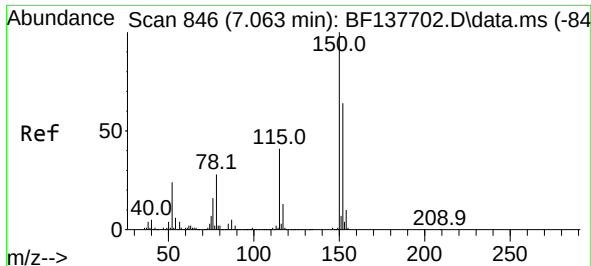
Quant Time: Apr 24 16:11:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	624209	45.238	ng	98
46) 1,1'-Biphenyl	9.528	154	2113051	46.399	ng	100
47) 2-Chloronaphthalene	9.557	162	1662391	47.354	ng	100
48) 2-Nitroaniline	9.651	65	509274	47.606	ng	86
49) Acenaphthylene	9.975	152	2608449	47.646	ng	100
50) Dimethylphthalate	9.828	163	2010438	46.094	ng	100
51) 2,6-Dinitrotoluene	9.886	165	447229	48.666	ng	98
52) Acenaphthene	10.145	154	1757753	49.585	ng	99
53) 3-Nitroaniline	10.057	138	267341	25.887	ng	94
54) 2,4-Dinitrophenol	10.163	184	478963	96.832	ng	# 49
55) Dibenzofuran	10.322	168	2353610	45.293	ng	99
56) 4-Nitrophenol	10.210	139	783388	97.543	ng	98
57) 2,4-Dinitrotoluene	10.298	165	615644	53.139	ng	93
58) Fluorene	10.663	166	1831113	45.098	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.433	232	516469	48.339	ng	98
60) Diethylphthalate	10.528	149	1904931	45.409	ng	99
61) 4-Chlorophenyl-phenyle...	10.651	204	899147	44.818	ng	100
62) 4-Nitroaniline	10.686	138	455118	46.268	ng	99
63) Azobenzene	10.816	77	1914851	44.544	ng	96
65) 4,6-Dinitro-2-methylph...	10.704	198	322449	53.617	ng	86
66) n-Nitrosodiphenylamine	10.775	169	1643105	46.253	ng	100
67) 4-Bromophenyl-phenylether	11.145	248	573435	47.182	ng	99
68) Hexachlorobenzene	11.210	284	600368	50.706	ng	98
69) Atrazine	11.298	200	537492	54.734	ng	99
70) Pentachlorophenol	11.404	266	785339	88.174	ng	99
71) Phenanthrene	11.633	178	2569429	46.277	ng	100
72) Anthracene	11.686	178	2631290	46.281	ng	100
73) Carbazole	11.839	167	2422879	47.023	ng	99
74) Di-n-butylphthalate	12.157	149	2874618	45.767	ng	100
75) Fluoranthene	12.827	202	2694928	46.178	ng	99
77) Benzidine	12.939	184	665730	38.994	ng	100
78) Pyrene	13.057	202	2767847	46.134	ng	100
80) Butylbenzylphthalate	13.663	149	1047095	49.214	ng	99
81) Benzo(a)anthracene	14.251	228	2427801	47.620	ng	100
82) 3,3'-Dichlorobenzidine	14.204	252	380738	24.137	ng	97
83) Chrysene	14.286	228	2253249	47.301	ng	99
84) Bis(2-ethylhexyl)phtha...	14.221	149	1530391	47.629	ng	99
85) Di-n-octyl phthalate	14.851	149	2276076	47.158	ng	99
87) Indeno(1,2,3-cd)pyrene	17.480	276	1731801	51.683	ng	99
88) Benzo(b)fluoranthene	15.363	252	1918939	49.622	ng	99
89) Benzo(k)fluoranthene	15.392	252	1907653	50.184	ng	99
90) Benzo(a)pyrene	15.768	252	1673508	48.241	ng	98
91) Dibenzo(a,h)anthracene	17.504	278	1419923	51.064	ng	98
92) Benzo(g,h,i)perylene	17.986	276	1331682	49.250	ng	98

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

Quant Time: Apr 24 16:11:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

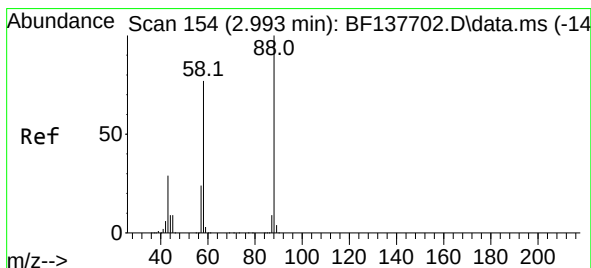
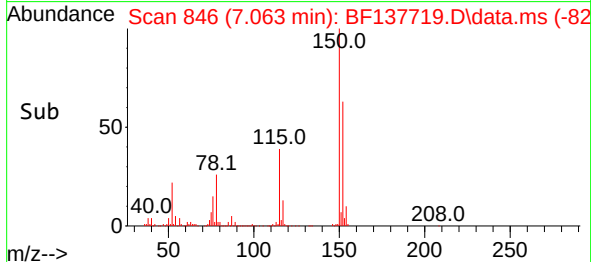
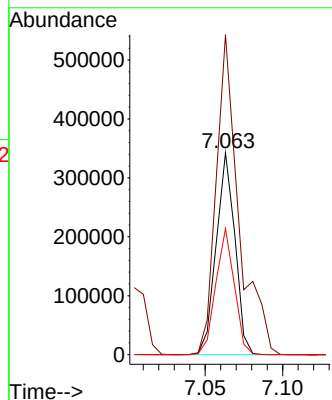
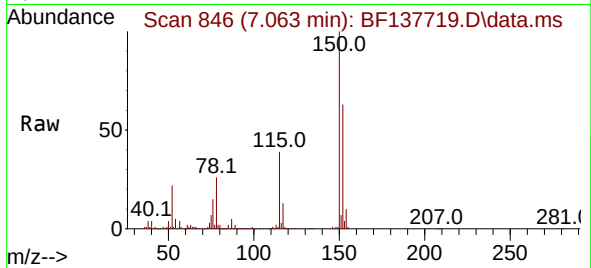




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.063 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BF137719.D
 Acq: 24 Apr 2024 15:24

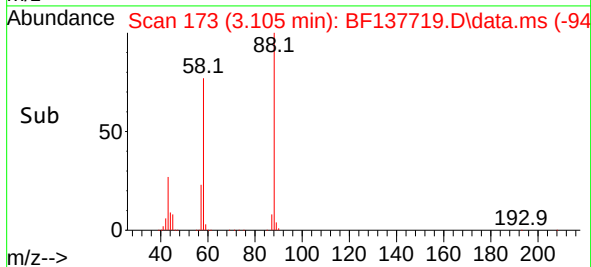
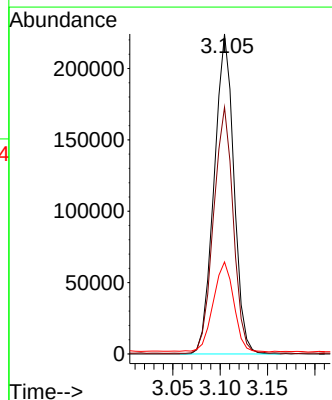
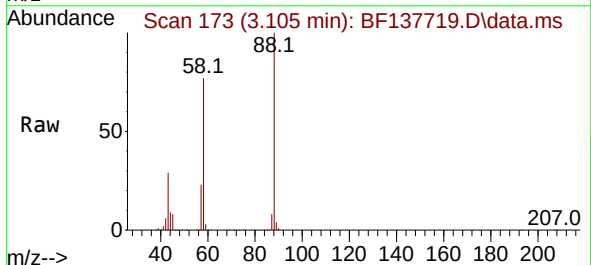
Instrument :
 BNA_F
 ClientSampleId :
 PB160476BS

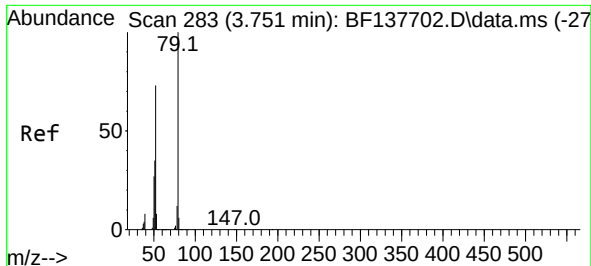
Tgt Ion:152 Resp: 288539
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.2 186.4
 115 62.4 50.8 76.2



#2
 1,4-Dioxane
 Concen: 38.273 ng
 RT: 3.105 min Scan# 173
 Delta R.T. 0.112 min
 Lab File: BF137719.D
 Acq: 24 Apr 2024 15:24

Tgt Ion: 88 Resp: 325531
 Ion Ratio Lower Upper
 88 100
 58 77.0 62.4 93.6
 43 29.3 23.7 35.5

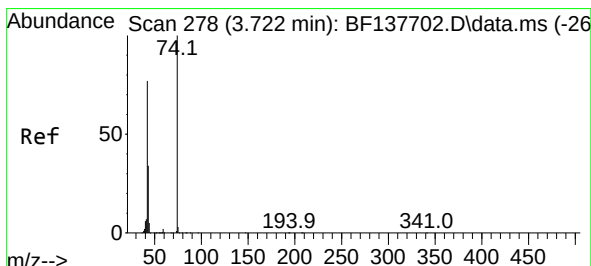
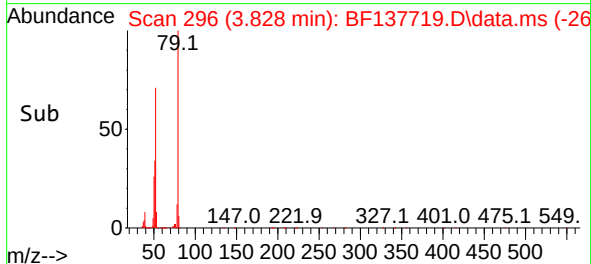
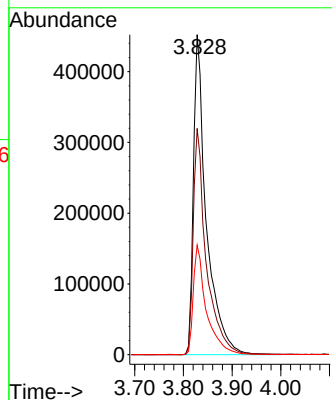
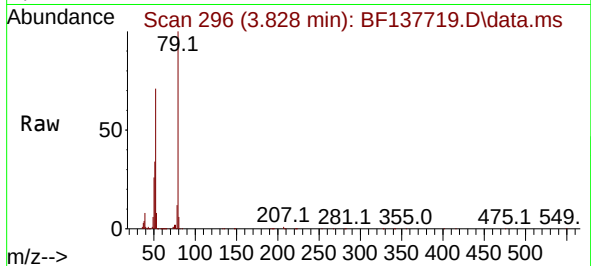




#3
Pyridine
Concen: 36.929 ng
RT: 3.828 min Scan# 296
Delta R.T. 0.077 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

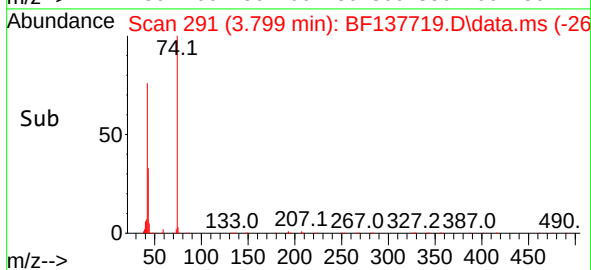
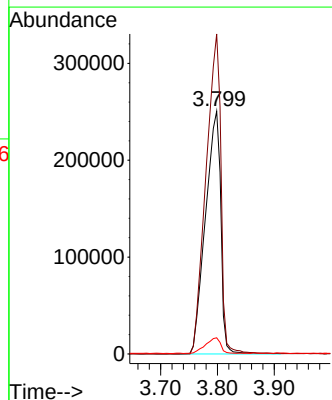
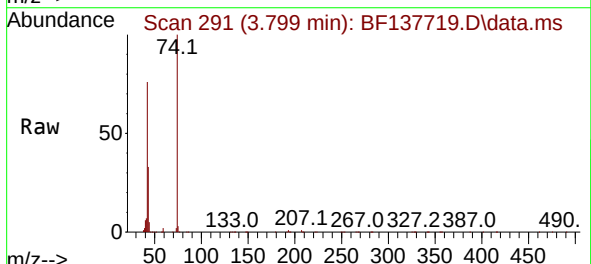
Instrument :
BNA_F
ClientSampleId :
PB160476BS

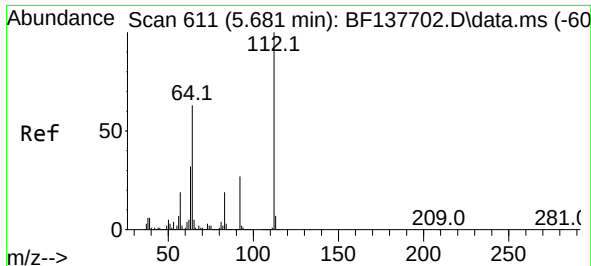
Tgt Ion: 79 Resp: 836734
Ion Ratio Lower Upper
79 100
52 70.7 58.0 87.0
51 34.3 27.9 41.9



#4
n-Nitrosodimethylamine
Concen: 44.221 ng
RT: 3.799 min Scan# 291
Delta R.T. 0.077 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion: 42 Resp: 467608
Ion Ratio Lower Upper
42 100
74 131.8 103.4 155.2
44 6.6 5.5 8.3

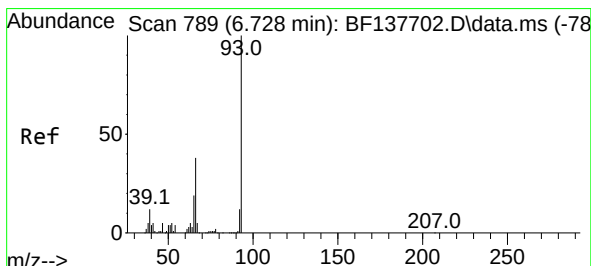
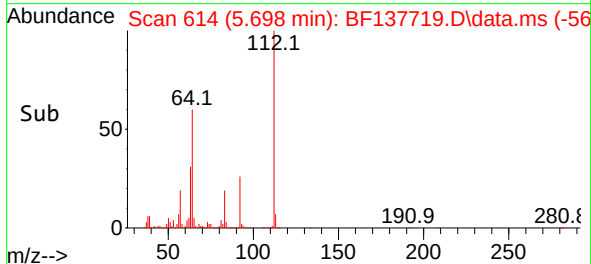
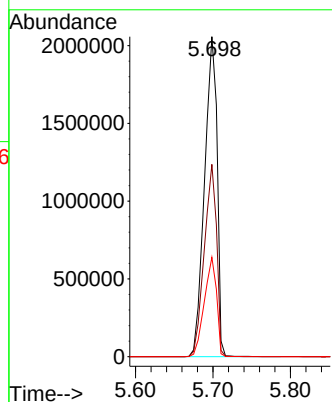
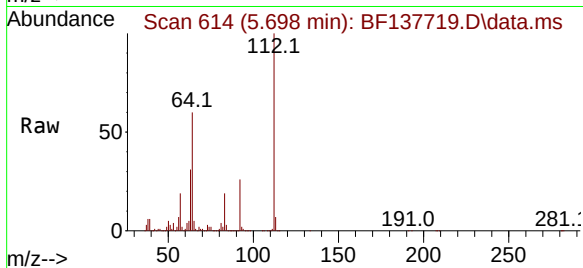




#5
2-Fluorophenol
Concen: 121.991 ng
RT: 5.698 min Scan# 611
Delta R.T. 0.018 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

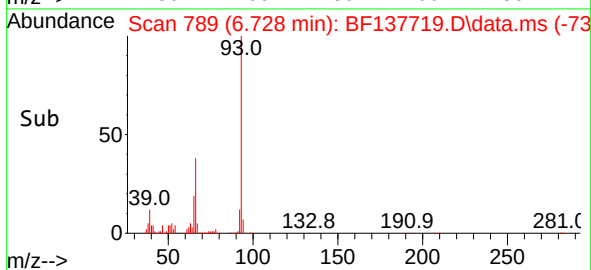
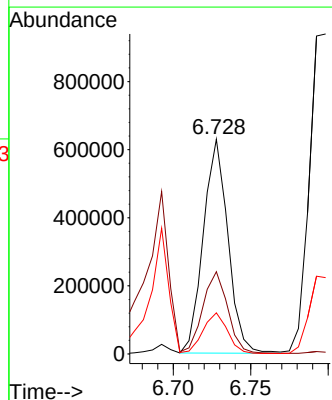
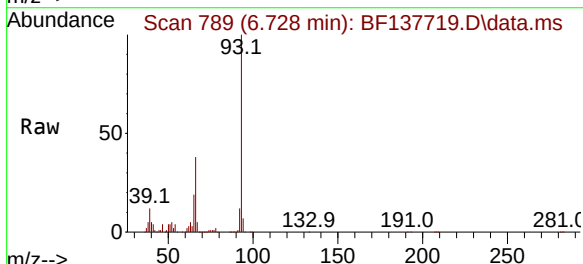
Instrument :
BNA_F
ClientSampleId :
PB160476BS

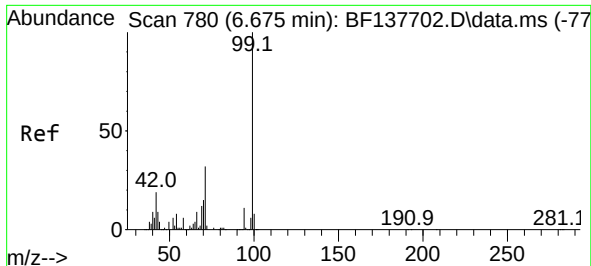
Tgt Ion:112 Resp: 2317198
Ion Ratio Lower Upper
112 100
64 60.1 50.1 75.1
63 31.0 25.2 37.8



#6
Aniline
Concen: 23.148 ng
RT: 6.728 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion: 93 Resp: 694957
Ion Ratio Lower Upper
93 100
66 38.3 32.1 48.1
65 19.1 16.4 24.6

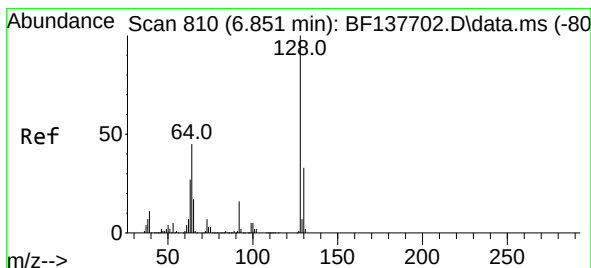
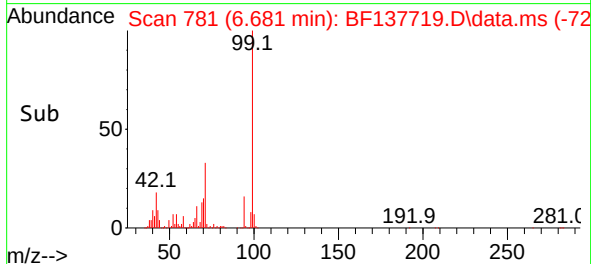
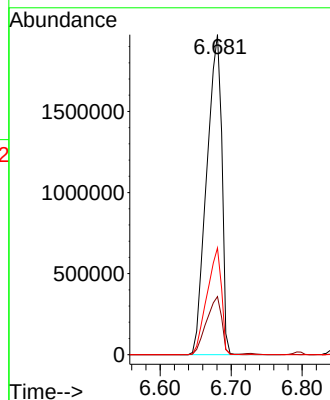
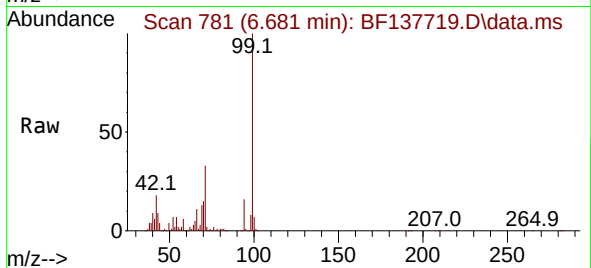




#7
Phenol-d6
Concen: 120.884 ng
RT: 6.681 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

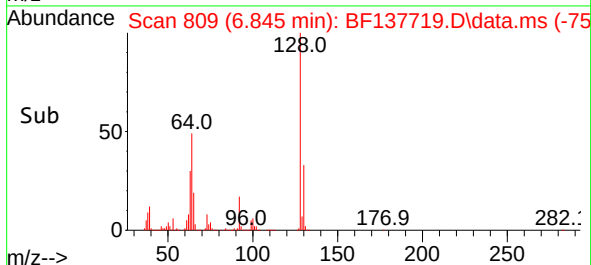
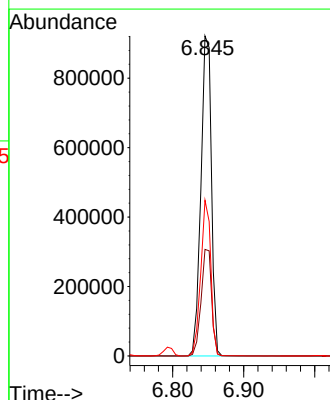
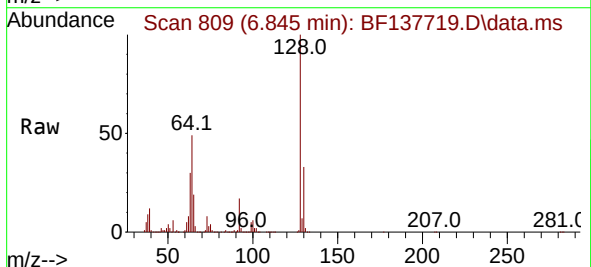
Instrument :
BNA_F
ClientSampleId :
PB160476BS

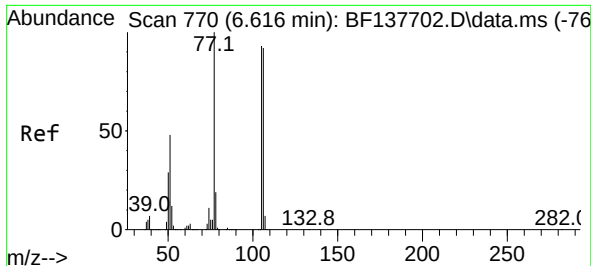
Tgt Ion: 99 Resp: 2915893
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 33.4 25.7 38.5



#8
2-Chlorophenol
Concen: 48.127 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:128 Resp: 954272
Ion Ratio Lower Upper
128 100
130 33.3 13.2 53.2
64 48.6 24.7 64.7

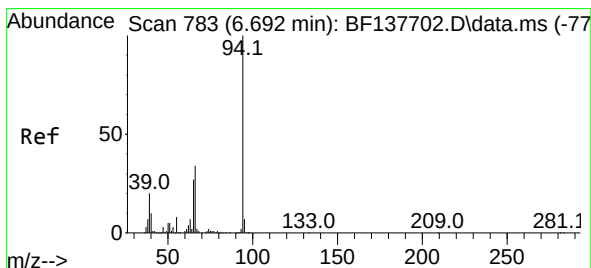
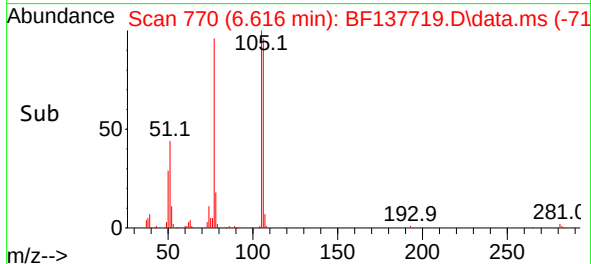
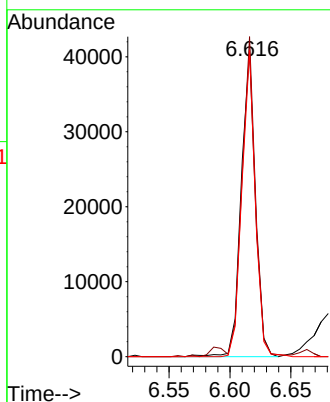
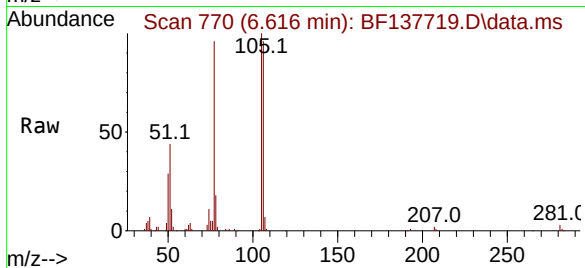




#9
Benzaldehyde
Concen: 2.424 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

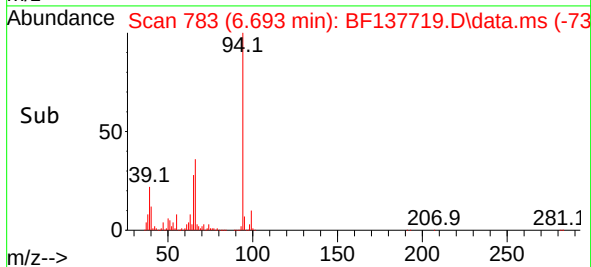
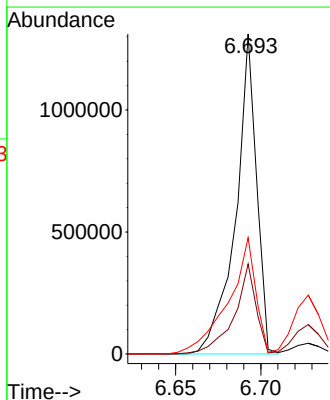
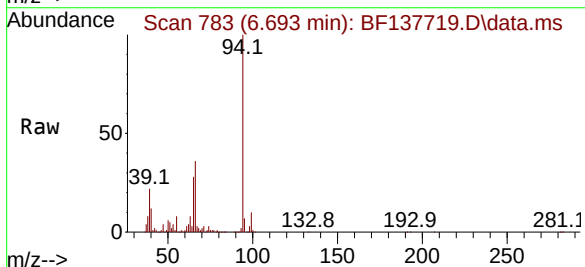
Instrument :
BNA_F
ClientSampleId :
PB160476BS

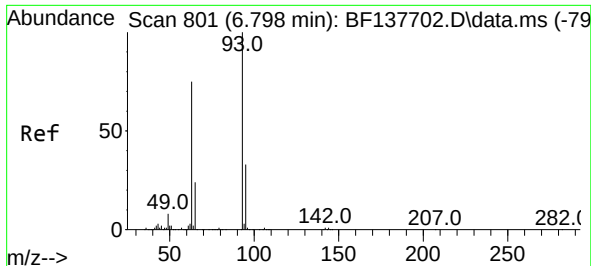
Tgt Ion: 77 Resp: 32816
Ion Ratio Lower Upper
77 100
105 104.5 73.3 113.3
106 100.0 72.1 112.1



#10
Phenol
Concen: 46.257 ng
RT: 6.693 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion: 94 Resp: 1114682
Ion Ratio Lower Upper
94 100
65 28.2 6.5 46.5
66 36.4 13.9 53.9

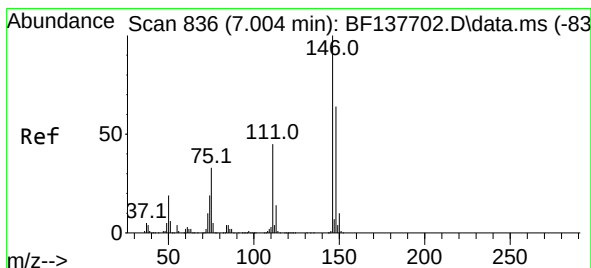
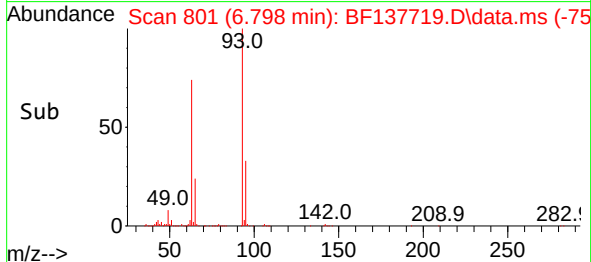
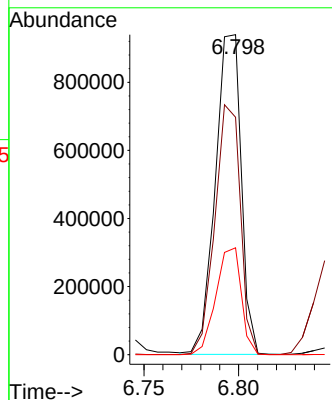
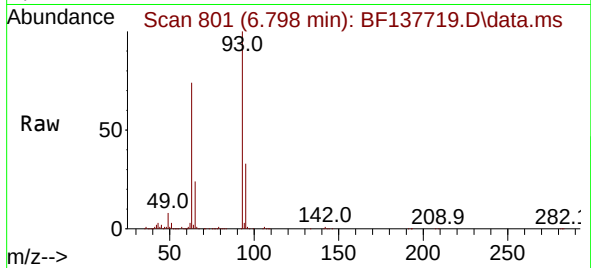




#11
bis(2-Chloroethyl)ether
Concen: 45.453 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

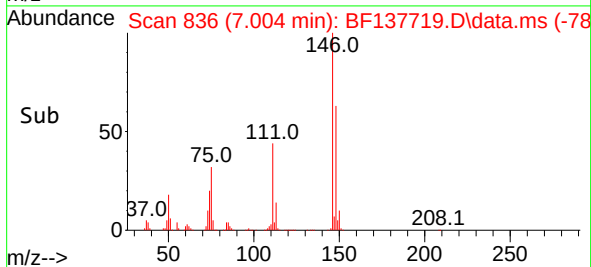
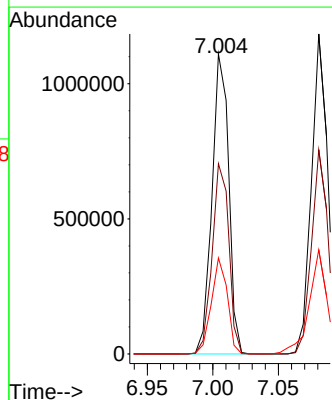
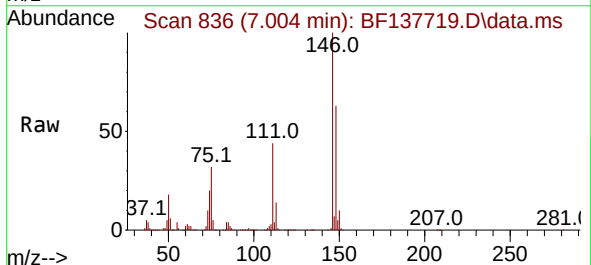
Instrument :
BNA_F
ClientSampleId :
PB160476BS

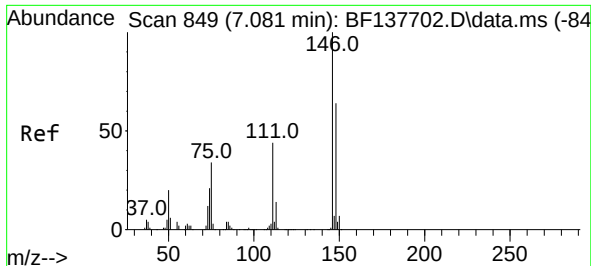
Tgt Ion: 93 Resp: 893380
Ion Ratio Lower Upper
93 100
63 74.2 54.8 94.8
95 33.4 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 47.223 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion: 146 Resp: 981951
Ion Ratio Lower Upper
146 100
148 63.4 50.8 76.2
75 32.0 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 47.434 ng

RT: 7.081 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_F

ClientSampleId :

PB160476BS

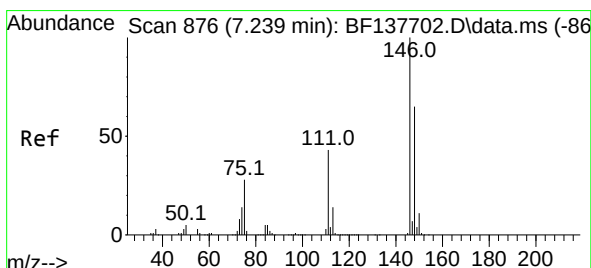
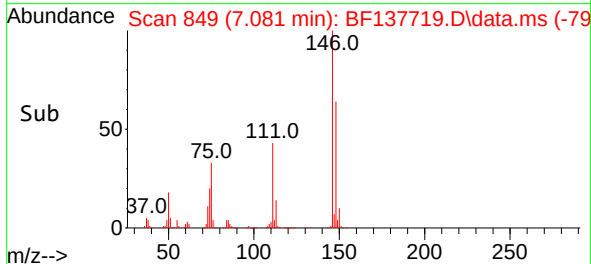
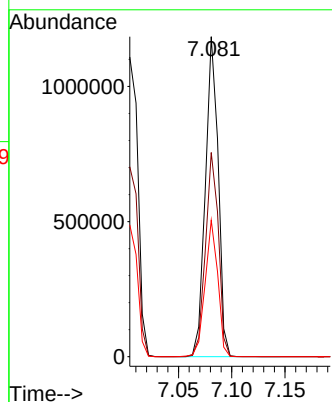
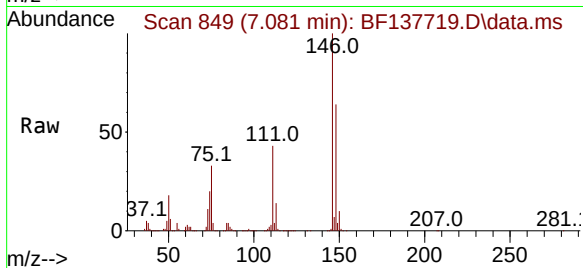
Tgt Ion:146 Resp: 993009

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

111 42.7 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 48.765 ng

RT: 7.234 min Scan# 875

Delta R.T. -0.006 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

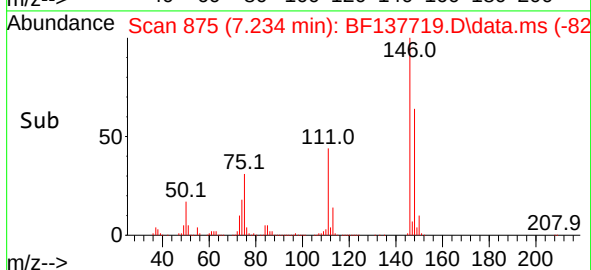
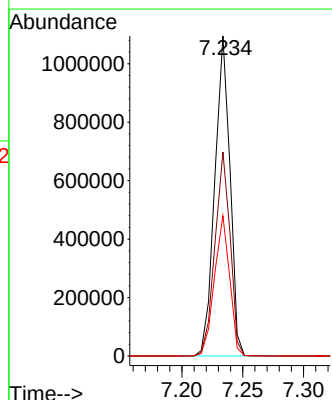
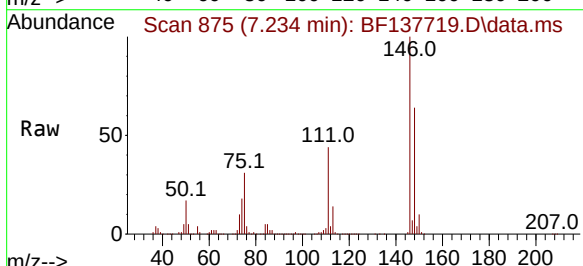
Tgt Ion:146 Resp: 950268

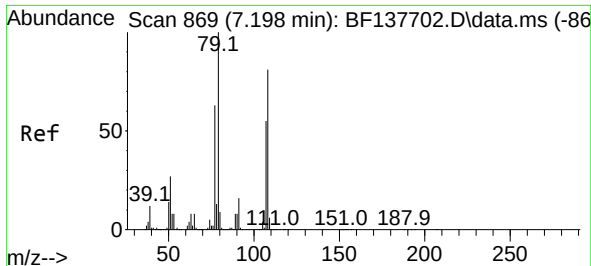
Ion Ratio Lower Upper

146 100

148 63.8 52.1 78.1

111 43.8 34.5 51.7

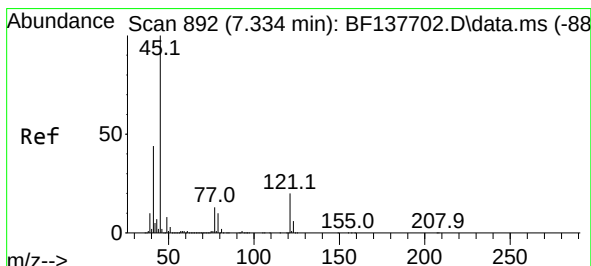
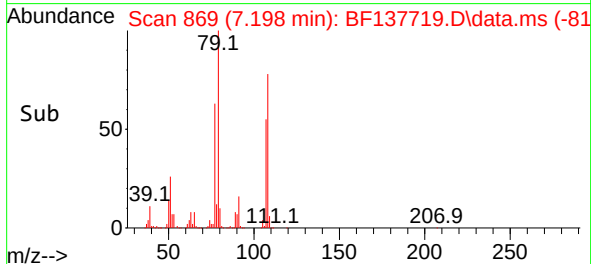
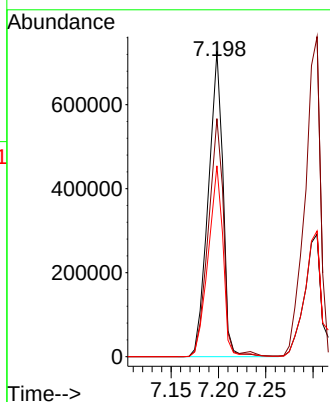
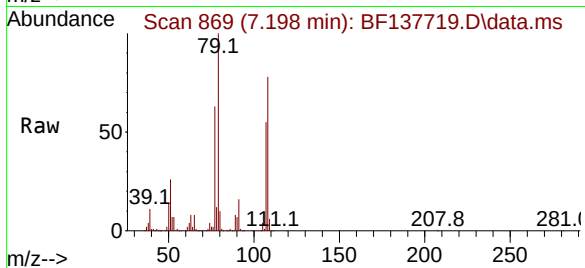




#15
Benzyl Alcohol
Concen: 43.515 ng
RT: 7.198 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

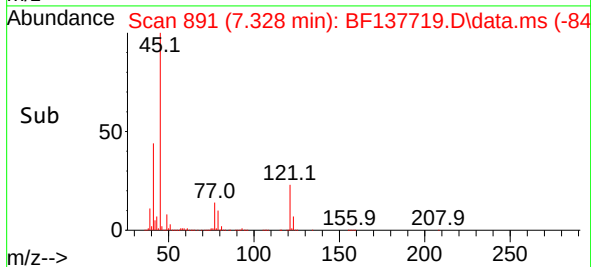
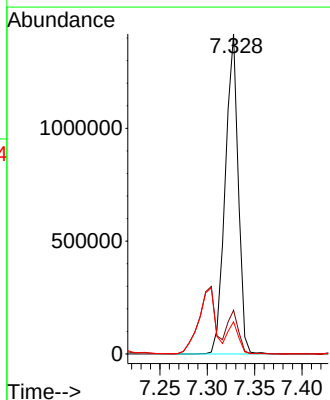
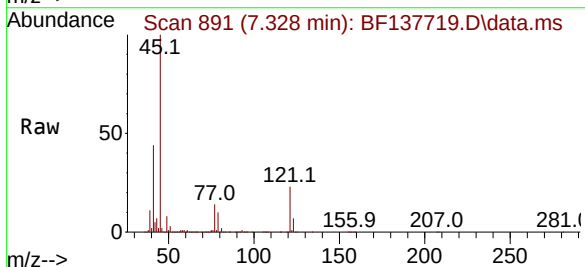
Instrument :
BNA_F
ClientSampleId :
PB160476BS

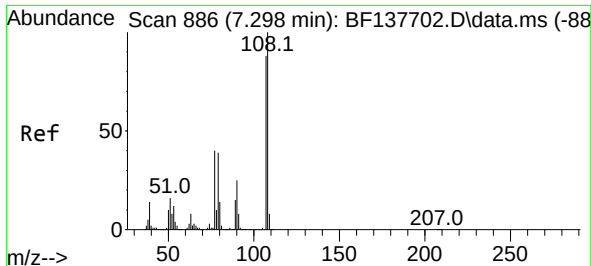
Tgt Ion: 79 Resp: 785211
Ion Ratio Lower Upper
79 100
108 77.9 64.8 97.2
77 62.5 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.959 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

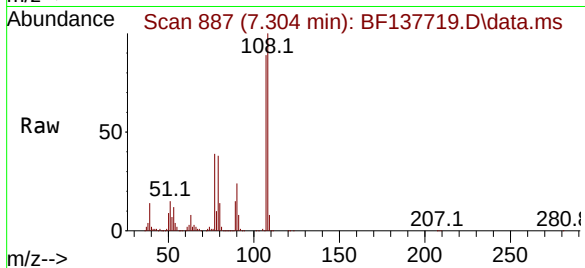
Tgt Ion: 45 Resp: 1358991
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.8
79 10.1 0.0 30.1





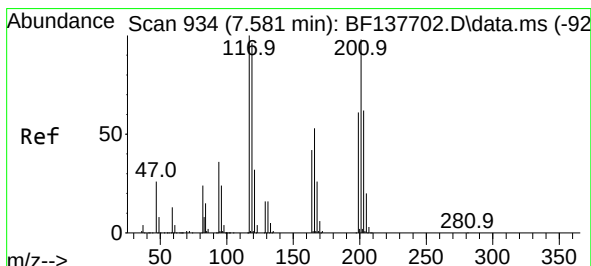
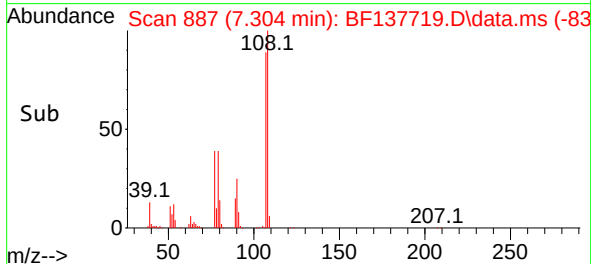
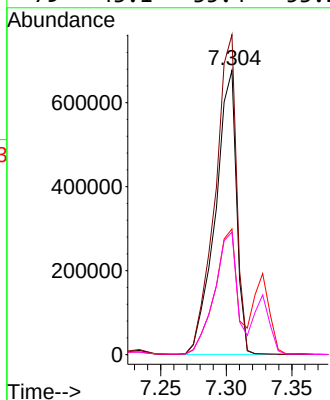
#17
2-Methylphenol
Concen: 43.015 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Instrument :
BNA_F
ClientSampleId :
PB160476BS



Tgt Ion:107 Resp: 757778

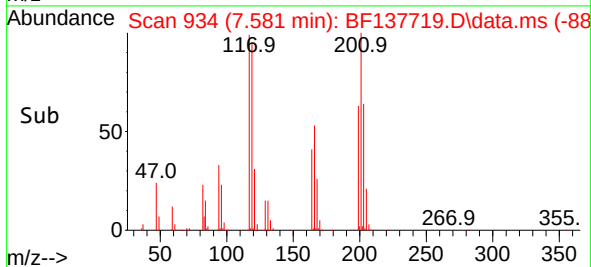
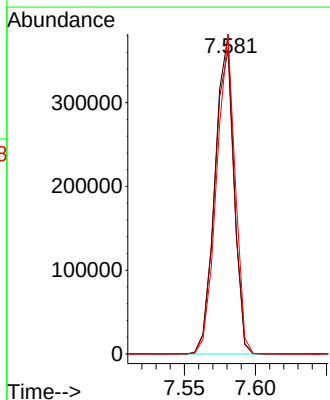
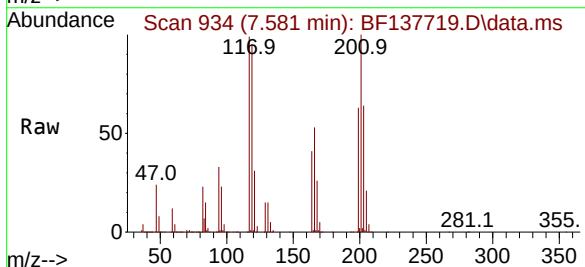
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.6	135.8
77	44.2	35.8	53.8
79	43.1	35.4	53.2

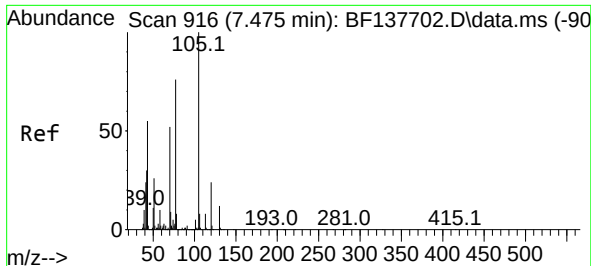


#18
Hexachloroethane
Concen: 47.773 ng
RT: 7.581 min Scan# 934
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:117 Resp: 353960

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.1	115.7
201	100.7	78.1	117.1

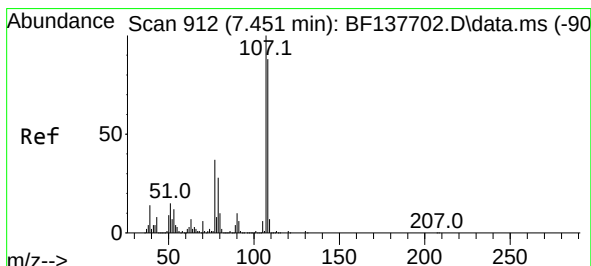
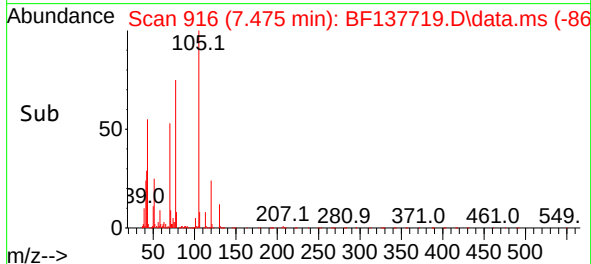
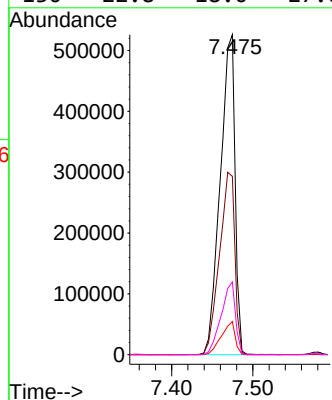
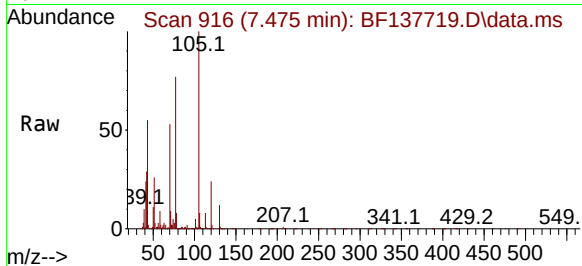




#19
n-Nitroso-di-n-propylamine
Concen: 42.977 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

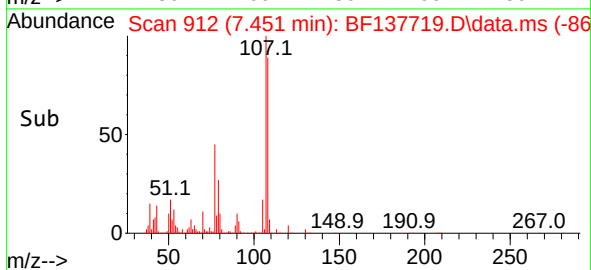
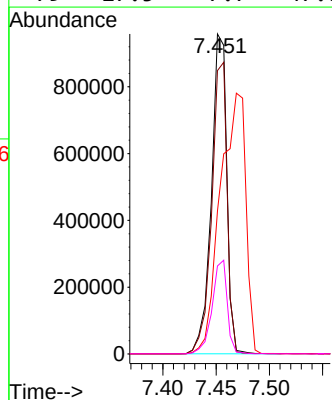
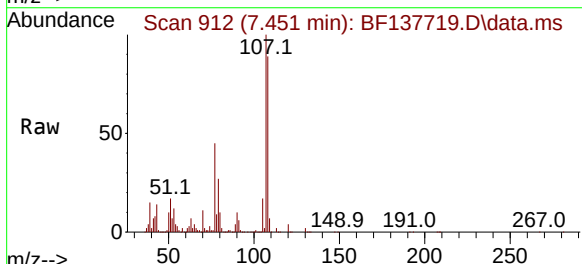
Instrument :
BNA_F
ClientSampleId :
PB160476BS

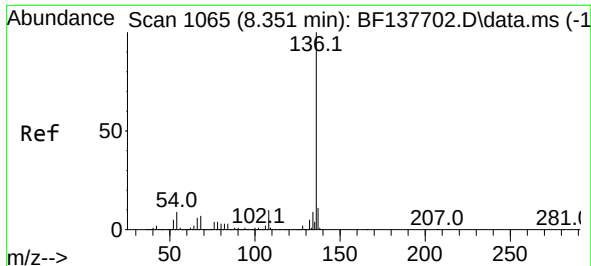
Tgt Ion: 70 Resp: 670340
Ion Ratio Lower Upper
70 100
42 55.8 45.9 68.9
101 10.3 8.0 12.0
130 22.8 18.0 27.0



#20
3+4-Methylphenols
Concen: 42.395 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

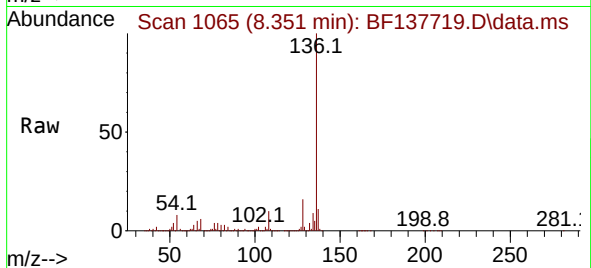
Tgt Ion: 107 Resp: 964628
Ion Ratio Lower Upper
107 100
108 88.6 68.2 108.2
77 44.7 16.8 56.8
79 27.5 7.7 47.7





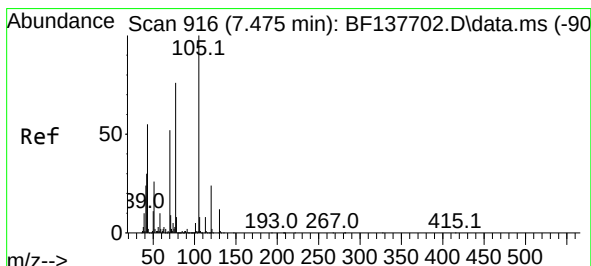
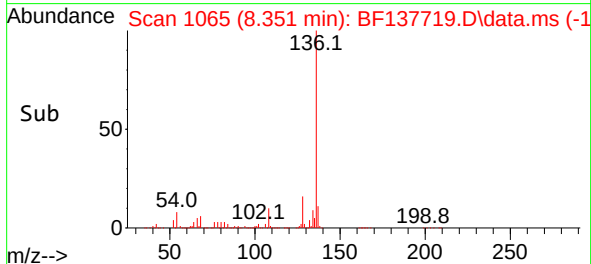
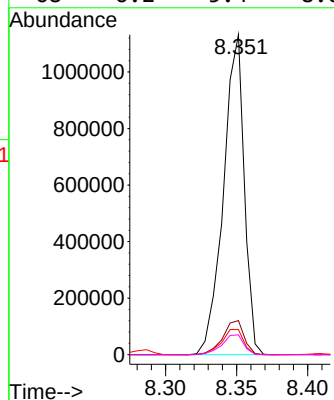
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.351 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Instrument :
BNA_F
ClientSampleId :
PB160476BS



Tgt Ion:136 Resp: 1152629

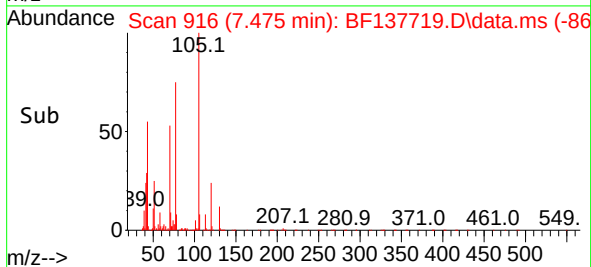
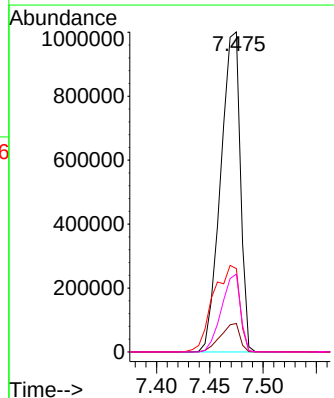
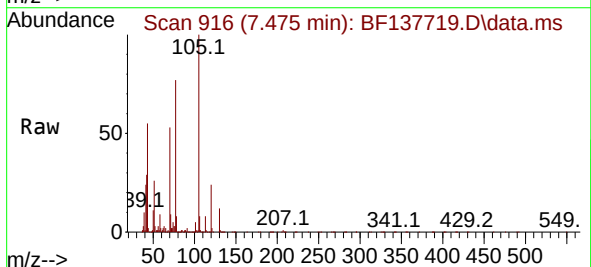
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.8	6.9	10.3
68	6.2	5.4	8.0

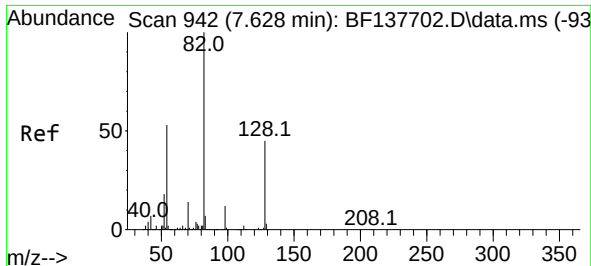


#22
Acetophenone
Concen: 45.553 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:105 Resp: 1284213

Ion	Ratio	Lower	Upper
105	100		
71	8.9	7.0	10.6
51	26.0	20.5	30.7
120	24.3	19.2	28.8





#23

Nitrobenzene-d5

Concen: 83.531 ng

RT: 7.628 min Scan# 942

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

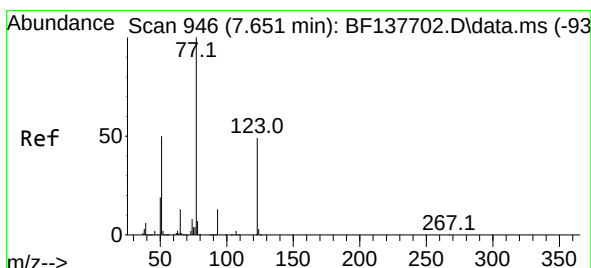
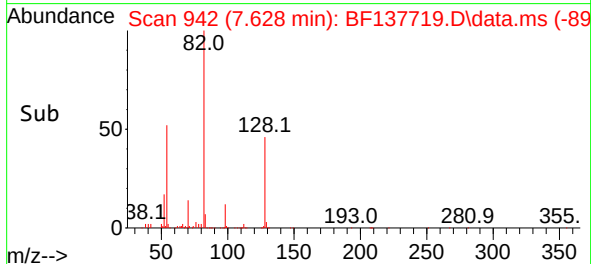
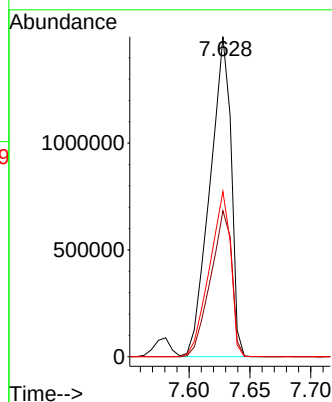
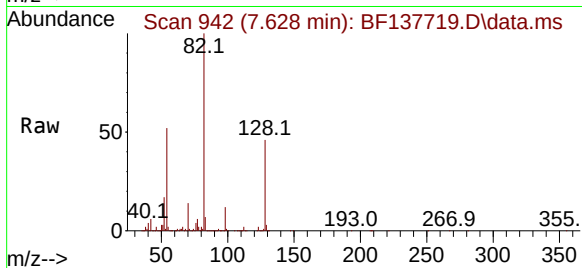
BNA_F

ClientSampleId :

PB160476BS

Tgt Ion: 82 Resp: 1813753

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.8	53.6
54	51.6	42.5	63.7



#24

Nitrobenzene

Concen: 44.335 ng

RT: 7.645 min Scan# 945

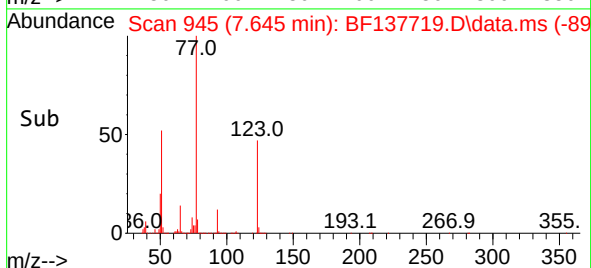
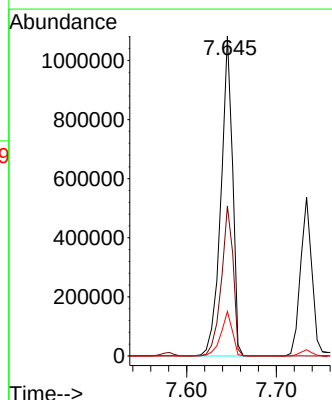
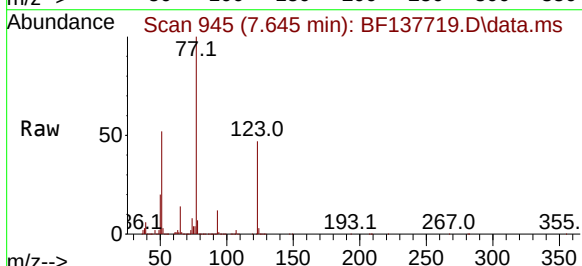
Delta R.T. -0.006 min

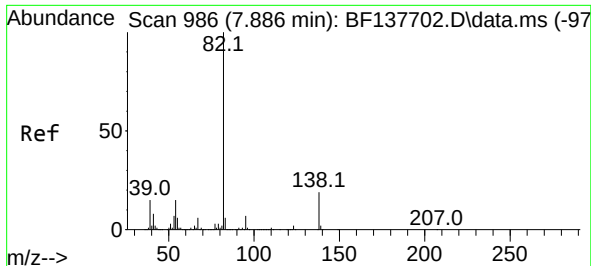
Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Tgt Ion: 77 Resp: 972596

Ion	Ratio	Lower	Upper
77	100		
123	46.9	40.4	60.6
65	13.9	10.7	16.1

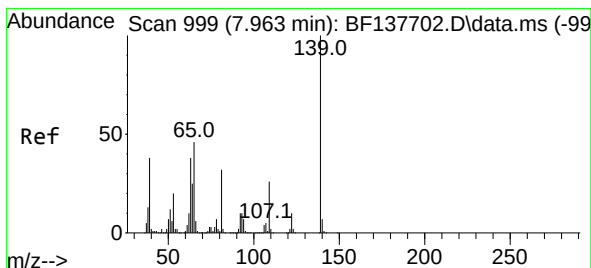
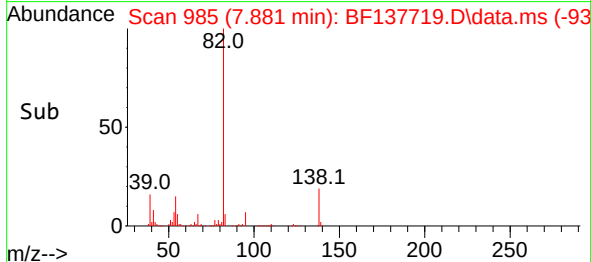
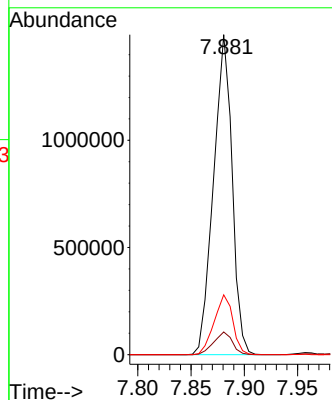
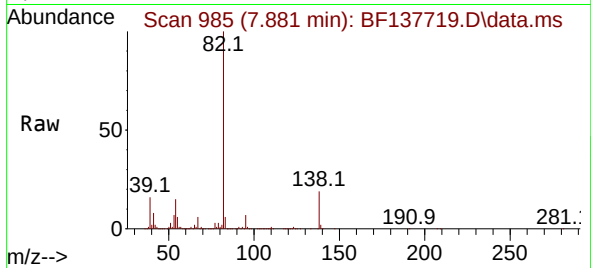




#25
Isophorone
Concen: 44.809 ng
RT: 7.881 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

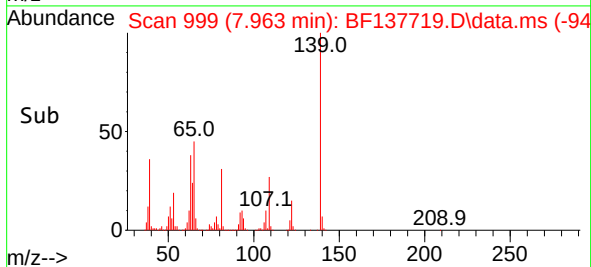
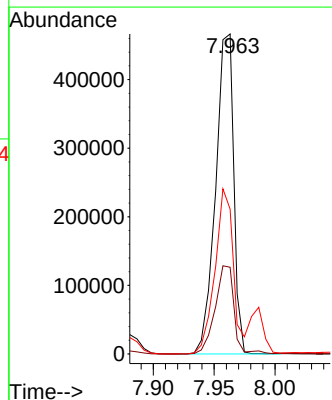
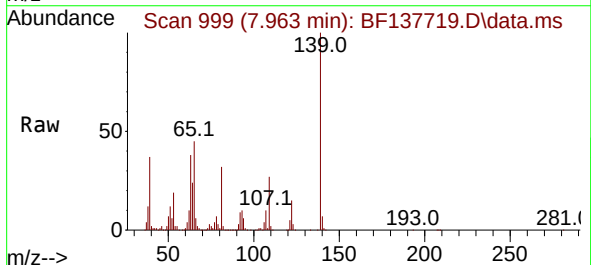
Instrument :
BNA_F
ClientSampleId :
PB160476BS

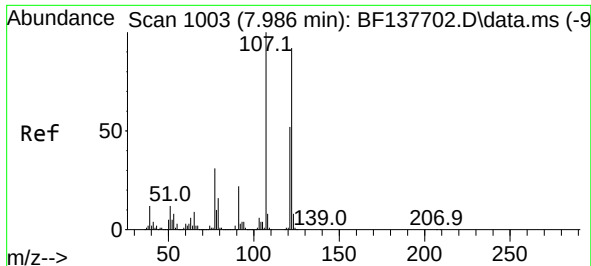
Tgt Ion: 82 Resp: 1807007
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.7 15.3 22.9



#26
2-Nitrophenol
Concen: 50.207 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:139 Resp: 483341
Ion Ratio Lower Upper
139 100
109 27.1 21.1 31.7
65 45.2 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 37.203 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_F

ClientSampleId :

PB160476BS

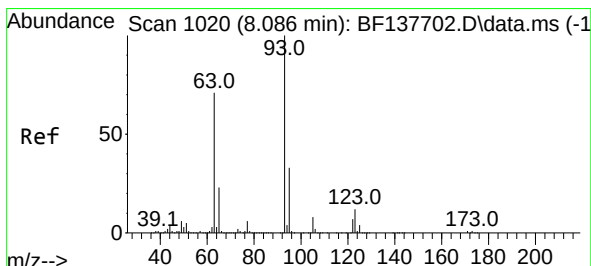
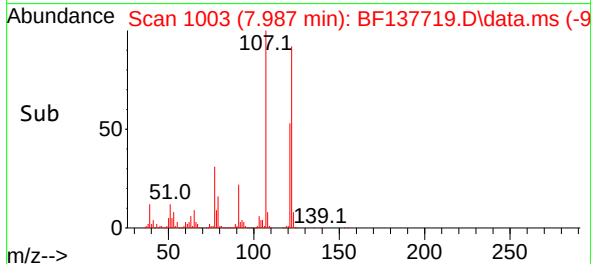
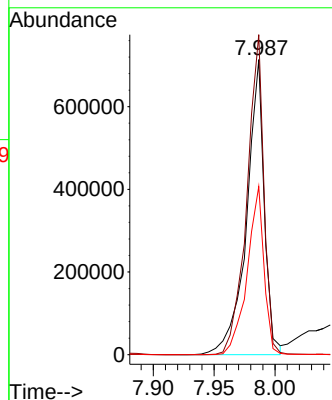
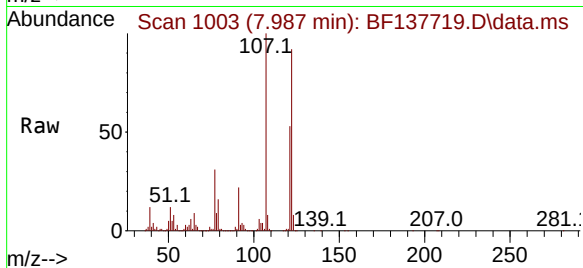
Tgt Ion:122 Resp: 722571

Ion Ratio Lower Upper

122 100

107 108.5 87.2 130.8

121 57.0 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.033 ng

RT: 8.087 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

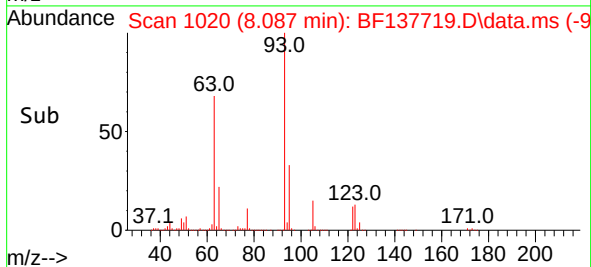
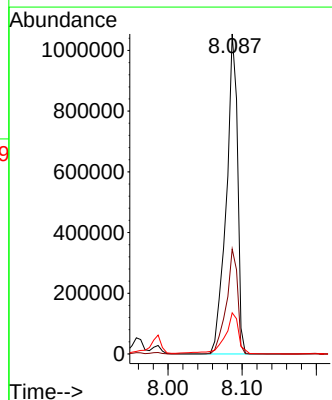
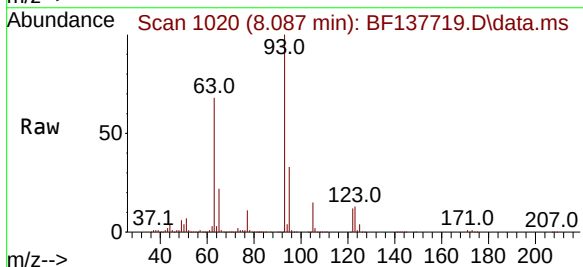
Tgt Ion: 93 Resp: 1109243

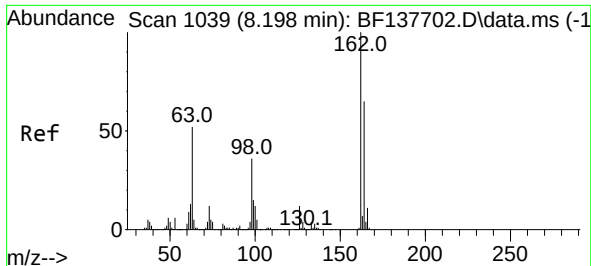
Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

123 12.9 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 47.034 ng

RT: 8.198 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_F

ClientSampleId :

PB160476BS

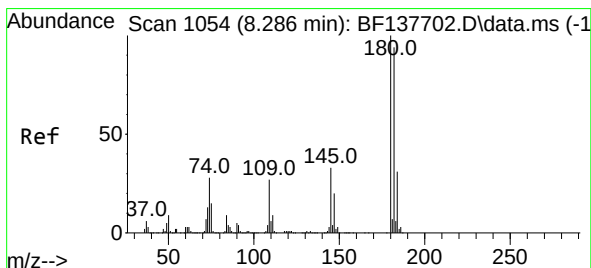
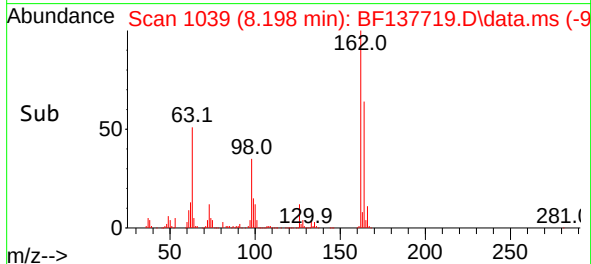
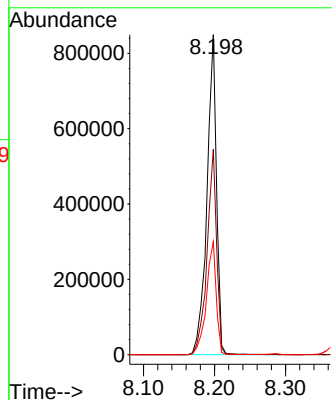
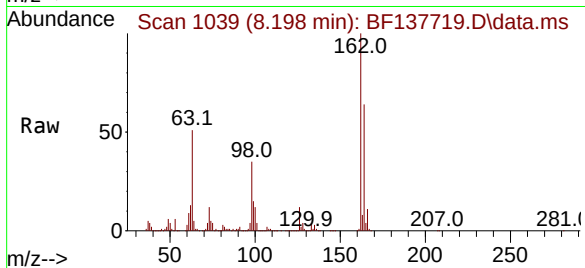
Tgt Ion:162 Resp: 800611

Ion Ratio Lower Upper

162 100

164 64.2 45.2 85.2

98 35.3 15.7 55.7



#30

1,2,4-Trichlorobenzene

Concen: 47.702 ng

RT: 8.287 min Scan# 1054

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

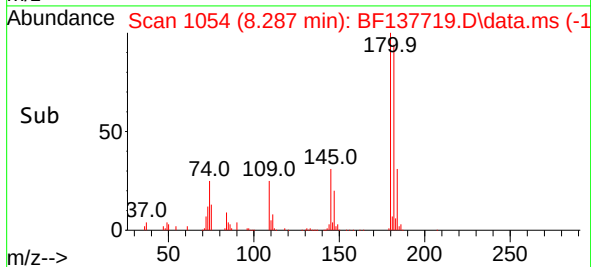
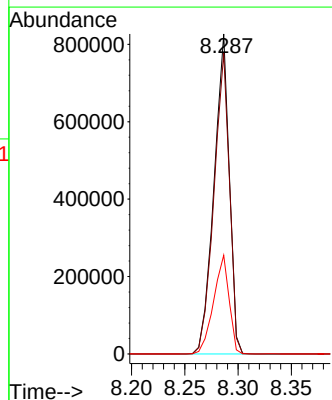
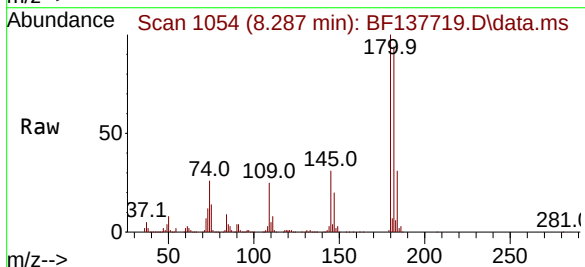
Tgt Ion:180 Resp: 827615

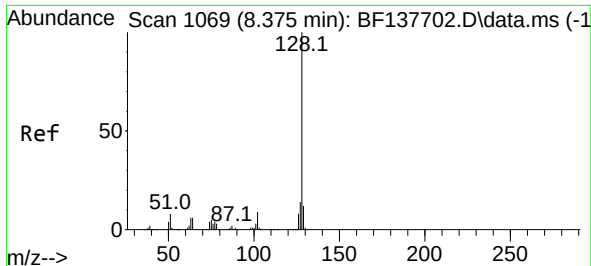
Ion Ratio Lower Upper

180 100

182 93.9 75.4 113.2

145 30.8 26.3 39.5

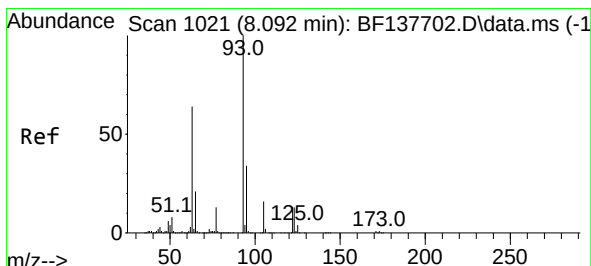
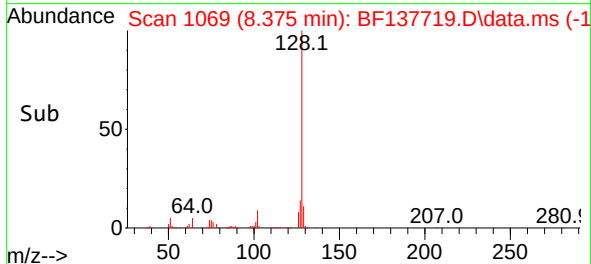
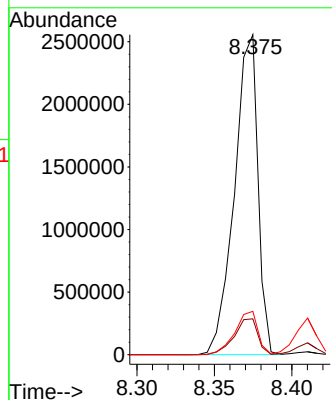
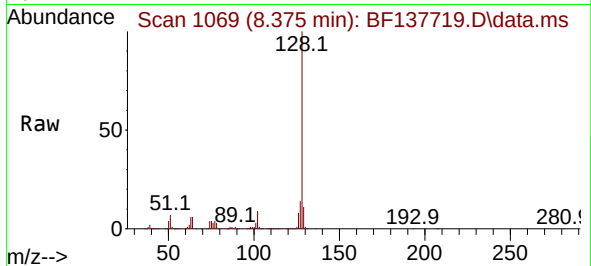




#31
Naphthalene
Concen: 45.792 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

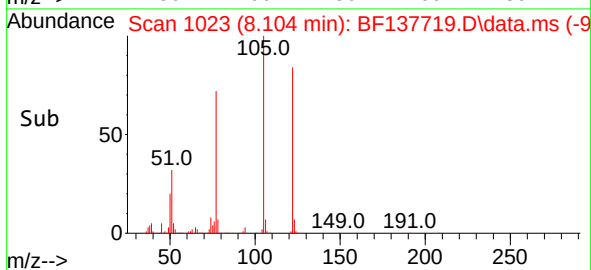
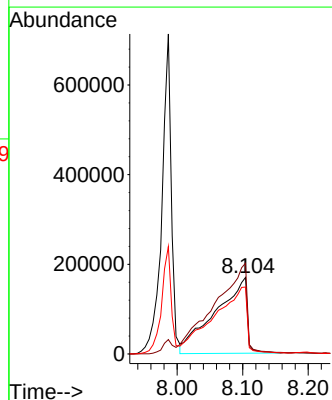
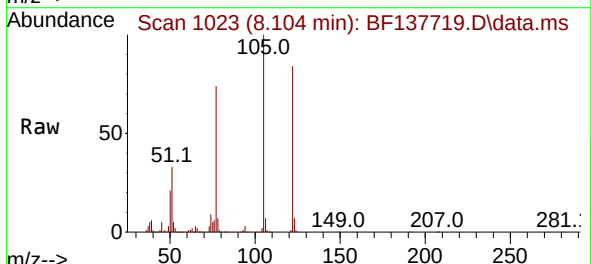
Instrument :
BNA_F
ClientSampleId :
PB160476BS

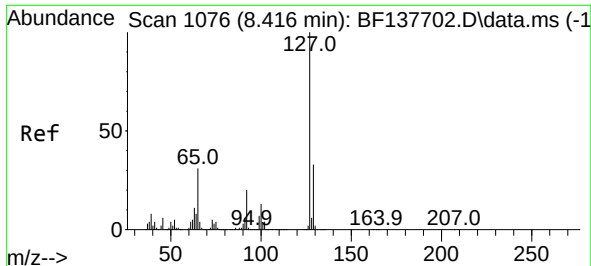
Tgt Ion:128 Resp: 2693399
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.6 11.0 16.6



#32
Benzoic acid
Concen: 46.104 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.012 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:122 Resp: 566977
Ion Ratio Lower Upper
122 100
105 118.7 101.1 141.1
77 87.4 75.7 115.7

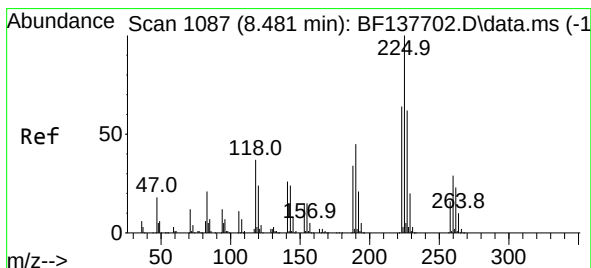
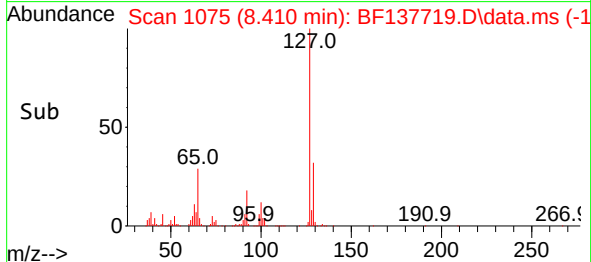
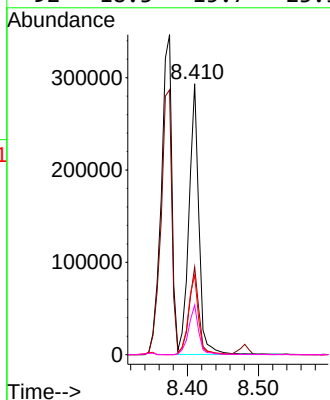
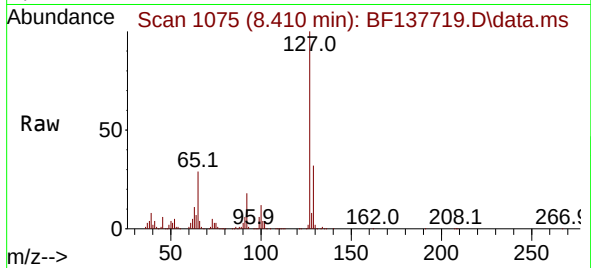




#33
4-Chloroaniline
Concen: 11.413 ng
RT: 8.410 min Scan# 1075
Delta R.T. -0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

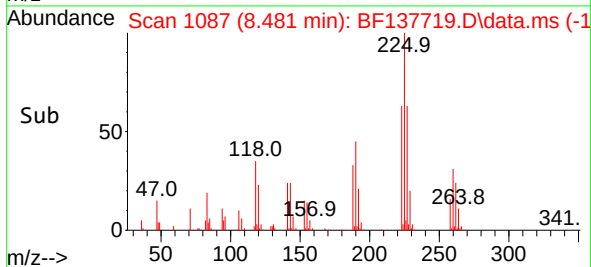
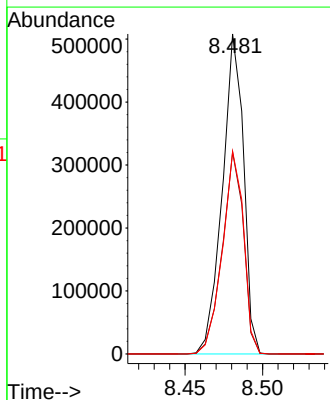
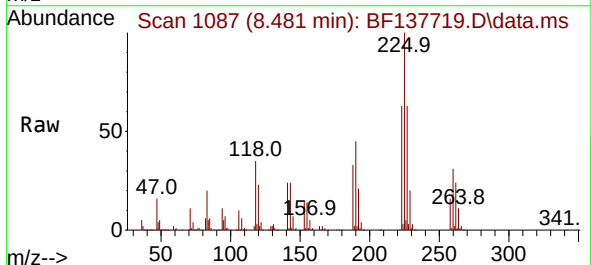
Instrument :
BNA_F
ClientSampleId :
PB160476BS

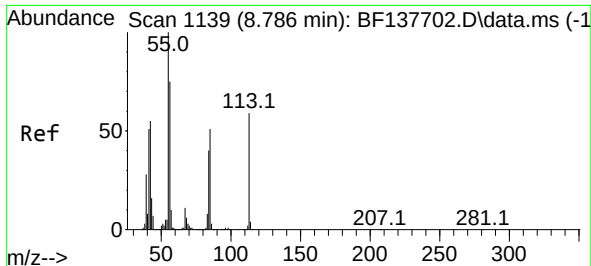
Tgt Ion:	127	Resp:	284128
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.4	39.6
65	29.4	24.6	36.8
92	18.3	15.7	23.5



#34
Hexachlorobutadiene
Concen: 46.481 ng
RT: 8.481 min Scan# 1087
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:	225	Resp:	483461
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.0
227	63.4	49.4	74.2

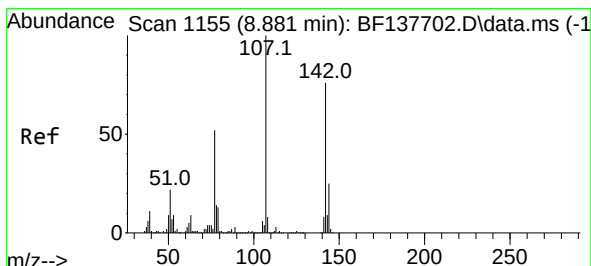
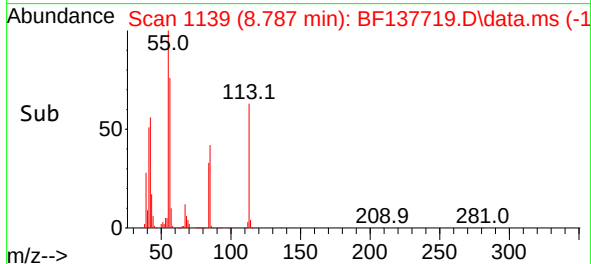
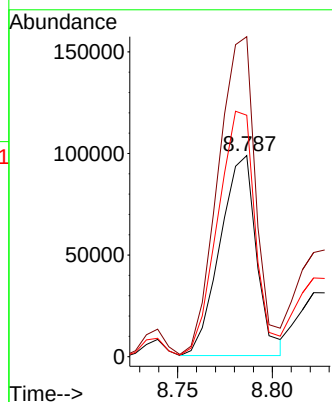
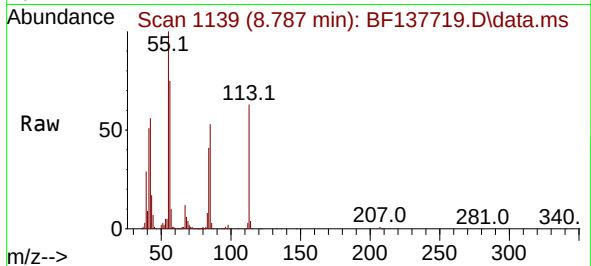




#35
 Caprolactam
 Concen: 23.953 ng
 RT: 8.787 min Scan# 1139
 Delta R.T. 0.000 min
 Lab File: BF137719.D
 Acq: 24 Apr 2024 15:24

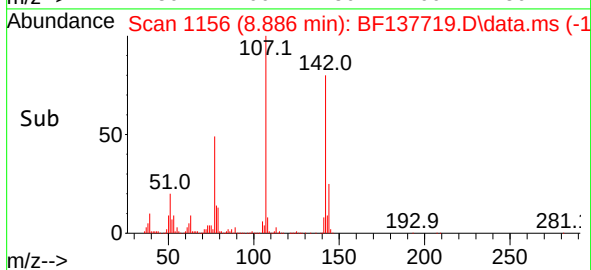
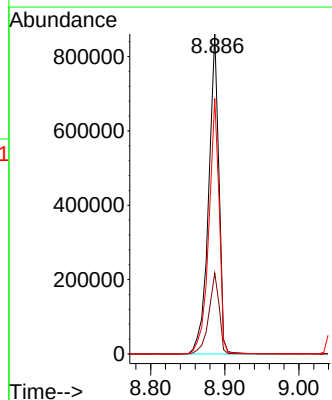
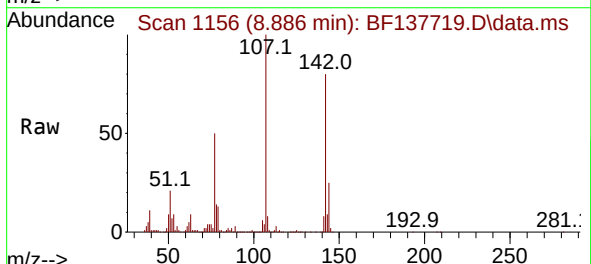
Instrument :
 BNA_F
 ClientSampleId :
 PB160476BS

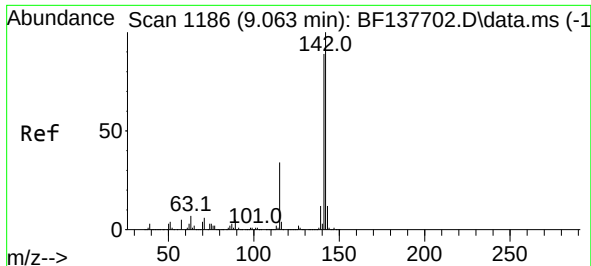
Tgt Ion:113 Resp: 131819
 Ion Ratio Lower Upper
 113 100
 55 159.0 148.7 188.7
 56 120.0 107.2 147.2



#36
 4-Chloro-3-methylphenol
 Concen: 46.142 ng
 RT: 8.886 min Scan# 1156
 Delta R.T. 0.006 min
 Lab File: BF137719.D
 Acq: 24 Apr 2024 15:24

Tgt Ion:107 Resp: 833031
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.8 29.8
 142 79.8 60.5 90.7

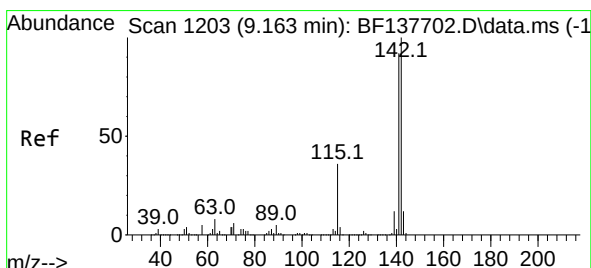
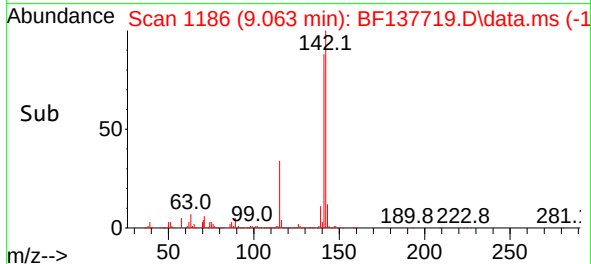
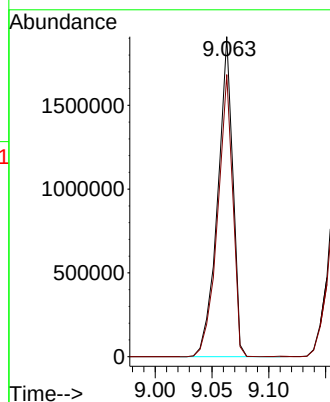
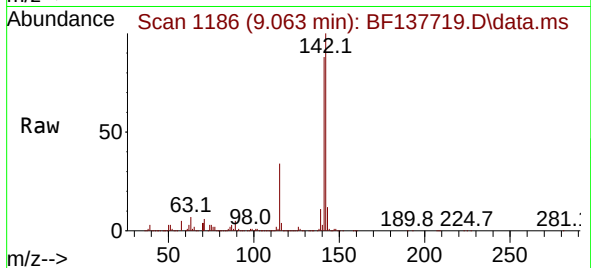




#37
2-Methylnaphthalene
Concen: 43.870 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

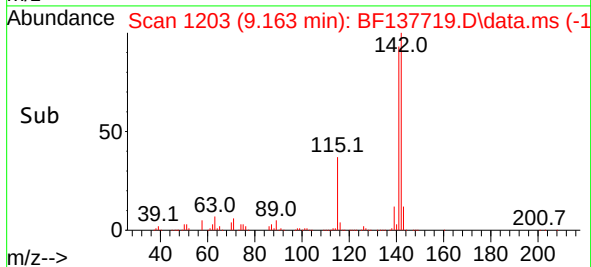
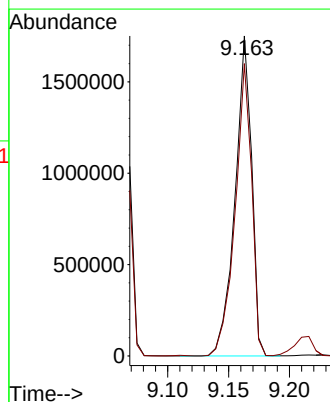
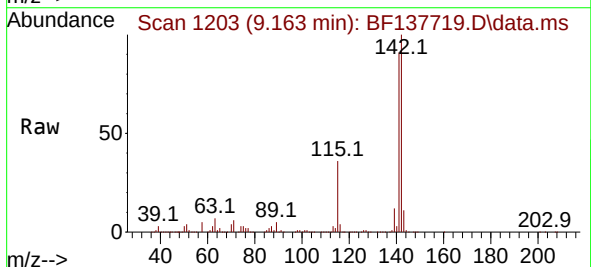
Instrument :
BNA_F
ClientSampleId :
PB160476BS

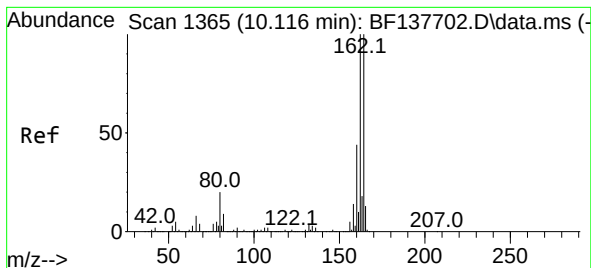
Tgt Ion:142 Resp: 1771043
Ion Ratio Lower Upper
142 100
141 88.2 71.2 106.8



#38
1-Methylnaphthalene
Concen: 43.975 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:142 Resp: 1659814
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_F

ClientSampleId :

PB160476BS

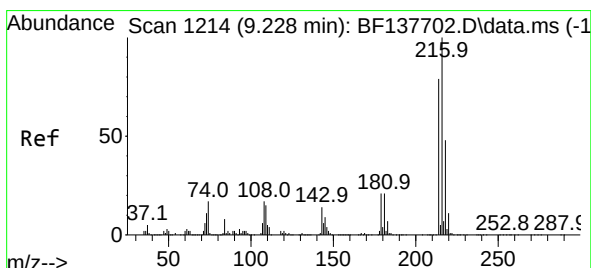
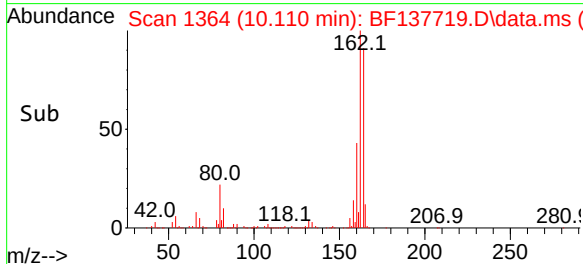
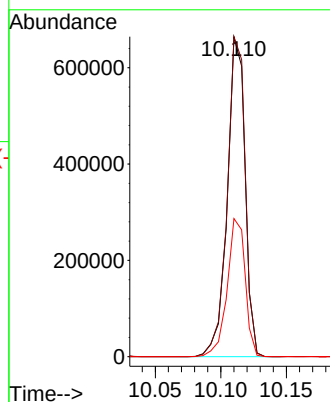
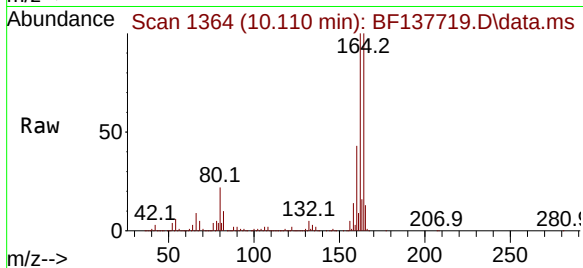
Tgt Ion:164 Resp: 626016

Ion Ratio Lower Upper

164 100

162 100.2 80.3 120.5

160 43.3 35.0 52.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.163 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Tgt Ion:216 Resp: 809429

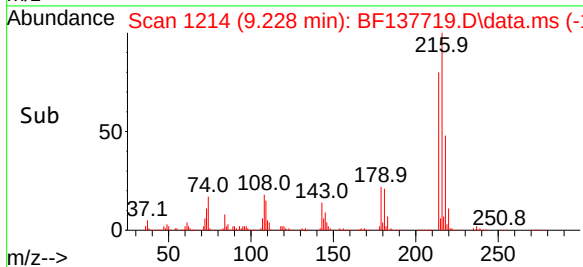
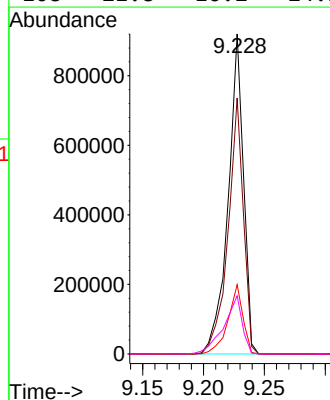
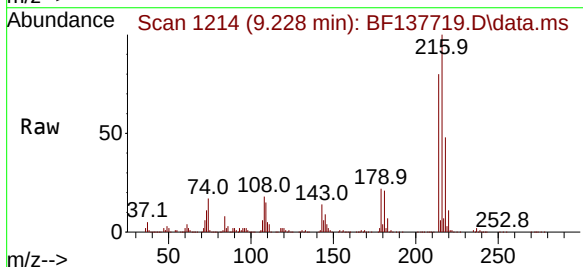
Ion Ratio Lower Upper

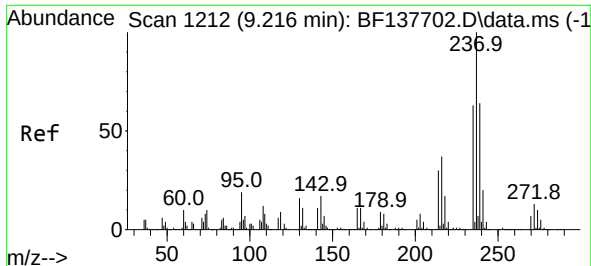
216 100

214 79.5 63.4 95.0

179 21.2 17.1 25.7

108 21.8 16.2 24.2

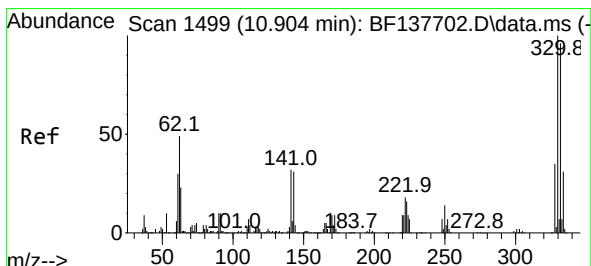
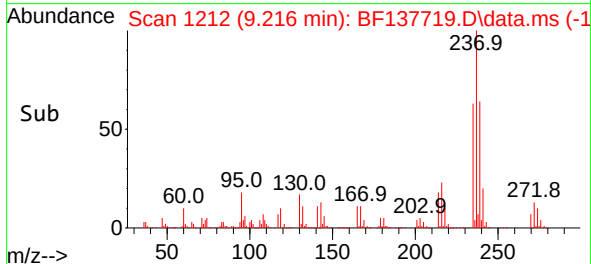
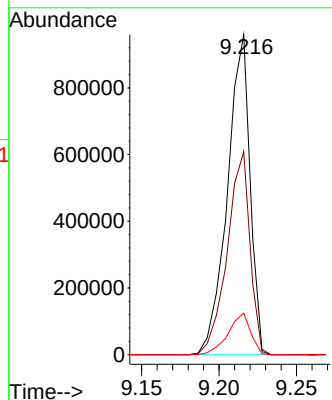
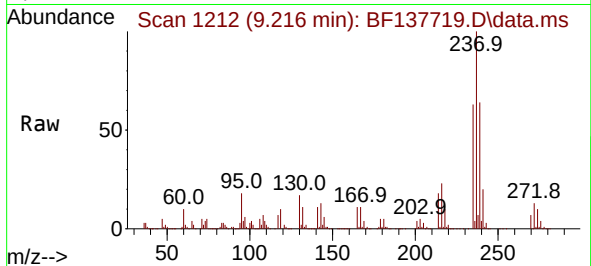




#41
Hexachlorocyclopentadiene
Concen: 101.317 ng
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

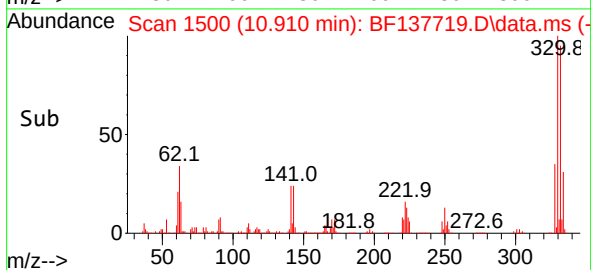
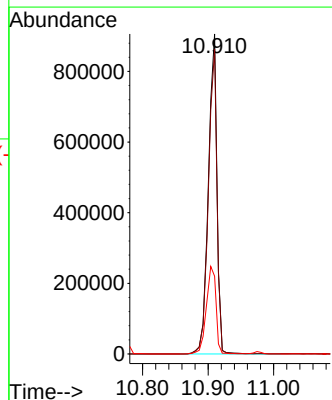
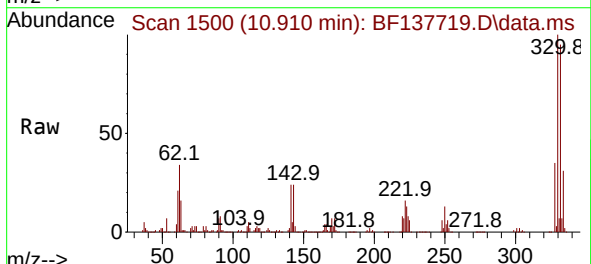
Instrument :
BNA_F
ClientSampleId :
PB160476BS

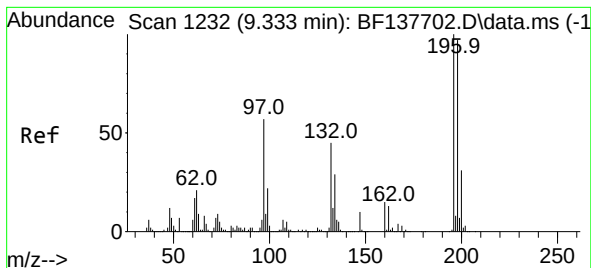
Tgt Ion:237 Resp: 974293
Ion Ratio Lower Upper
237 100
235 63.5 42.9 82.9
272 13.0 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 130.930 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:330 Resp: 827080
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 30.7 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 48.131 ng

RT: 9.334 min Scan# 1

Delta R.T. 0.001 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_F

ClientSampleId :

PB160476BS

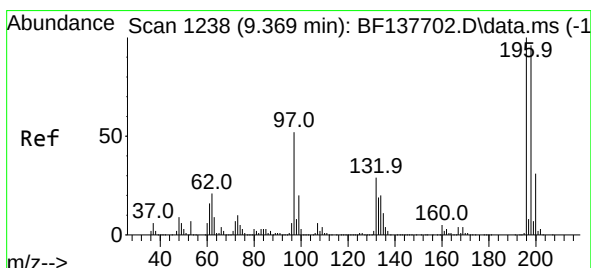
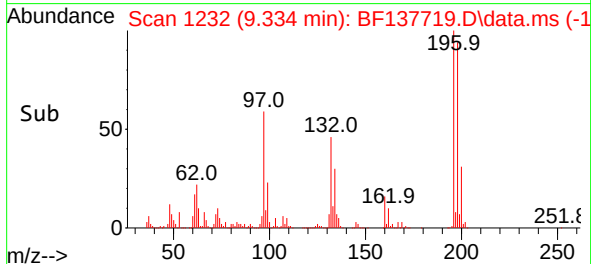
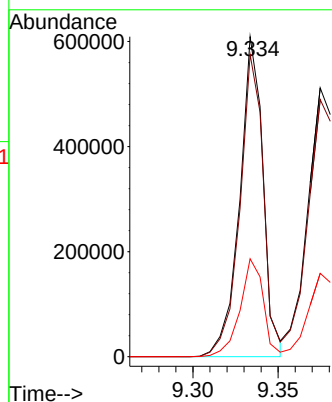
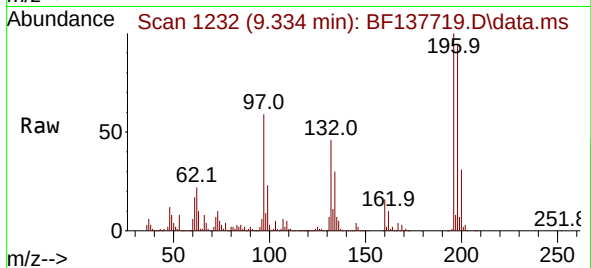
Tgt Ion:196 Resp: 579492

Ion Ratio Lower Upper

196 100

198 94.5 77.8 116.6

200 30.6 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 45.238 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.006 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Tgt Ion:196 Resp: 624209

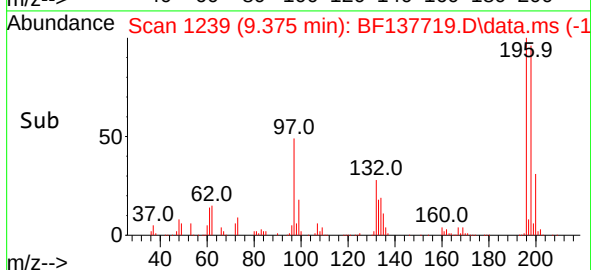
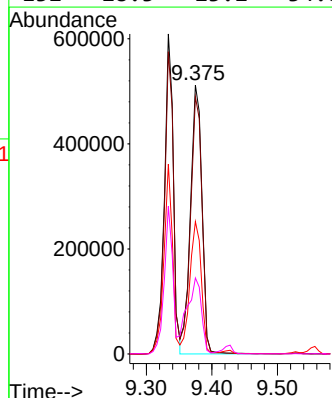
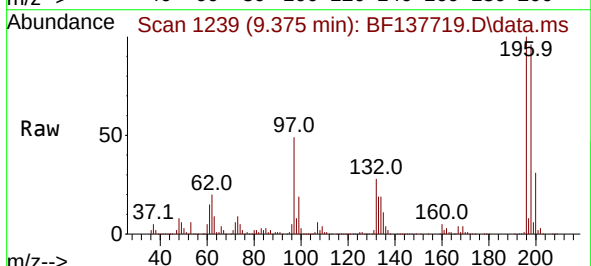
Ion Ratio Lower Upper

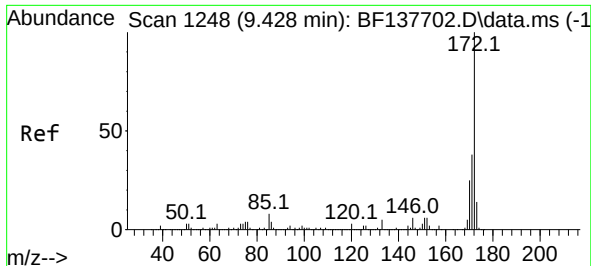
196 100

198 95.7 77.2 115.8

97 49.2 41.8 62.8

132 28.3 23.2 34.8

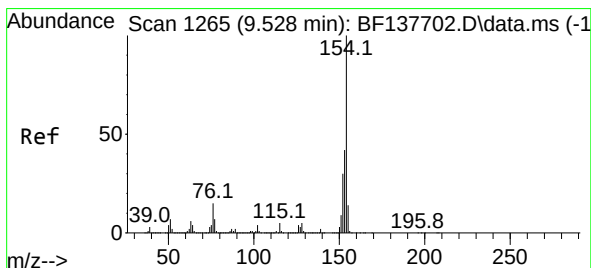
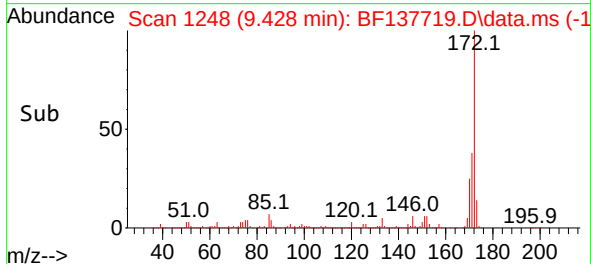
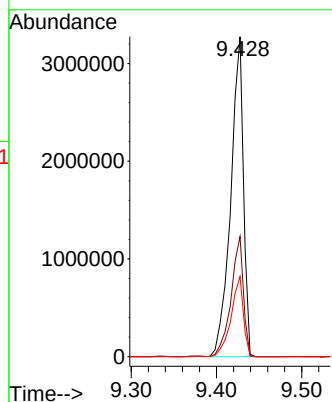
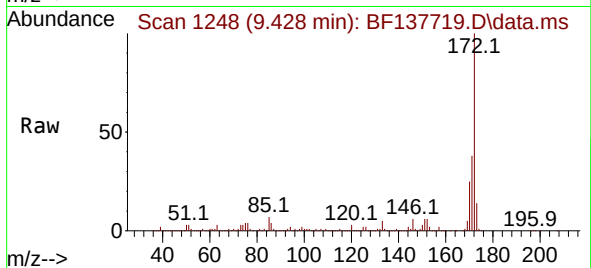




#45
2-Fluorobiphenyl
Concen: 81.030 ng
RT: 9.428 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

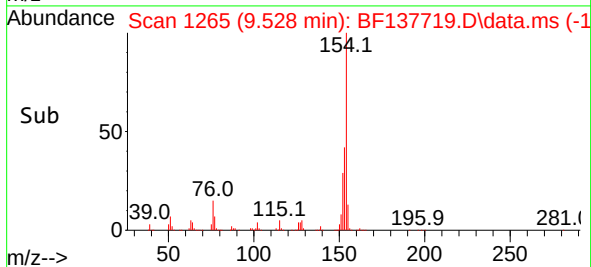
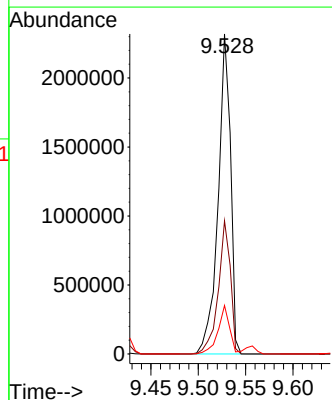
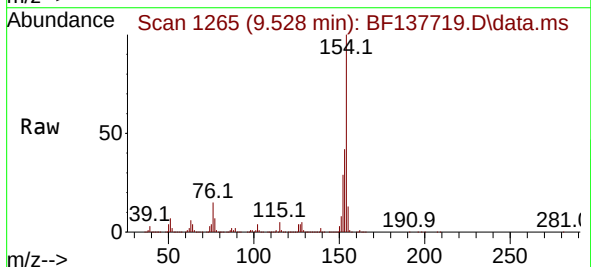
Instrument :
BNA_F
ClientSampleId :
PB160476BS

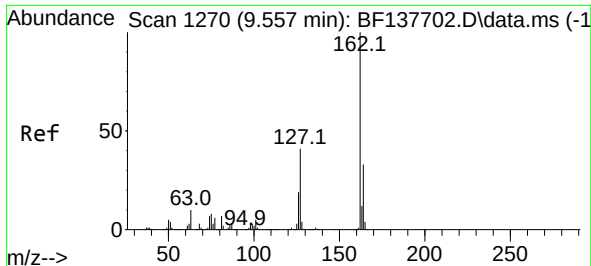
Tgt Ion:172 Resp: 3394864
Ion Ratio Lower Upper
172 100
171 37.5 30.2 45.4
170 25.1 20.2 30.4



#46
1,1'-Biphenyl
Concen: 46.399 ng
RT: 9.528 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:154 Resp: 2113051
Ion Ratio Lower Upper
154 100
153 41.6 21.9 61.9
76 15.2 0.0 35.3

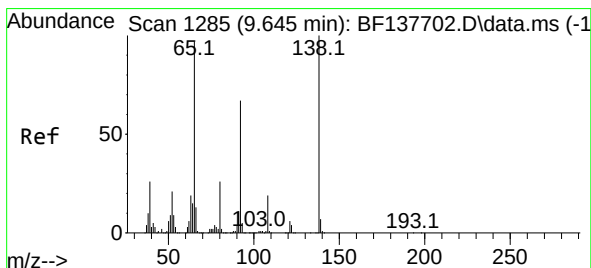
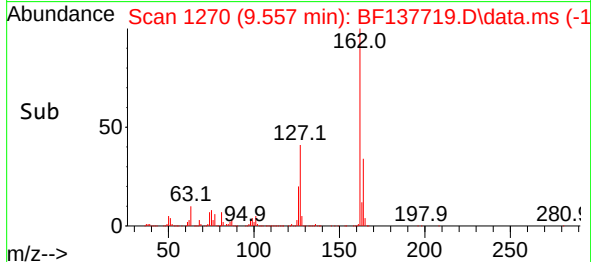
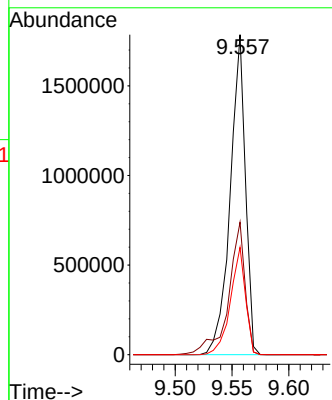
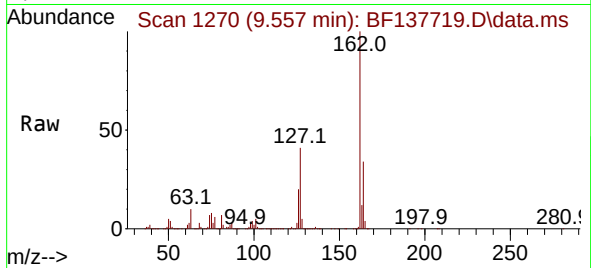




#47
2-Chloronaphthalene
Concen: 47.354 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

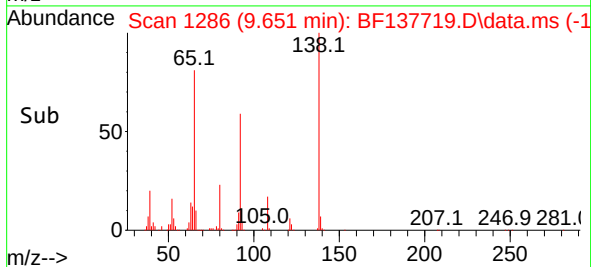
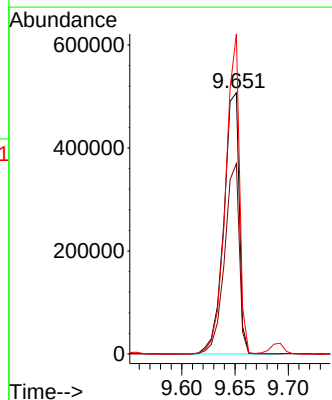
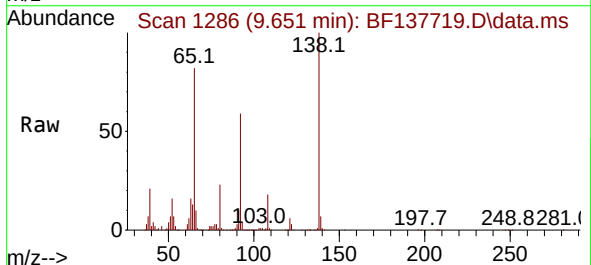
Instrument :
BNA_F
ClientSampleId :
PB160476BS

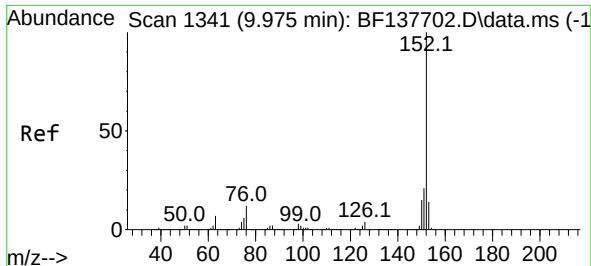
Tgt Ion:162 Resp: 1662391
Ion Ratio Lower Upper
162 100
127 41.4 33.1 49.7
164 33.6 26.5 39.7



#48
2-Nitroaniline
Concen: 47.606 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion: 65 Resp: 509274
Ion Ratio Lower Upper
65 100
92 72.9 54.9 82.3
138 122.6 82.4 123.6





#49

Acenaphthylene

Concen: 47.646 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_F

ClientSampleId :

PB160476BS

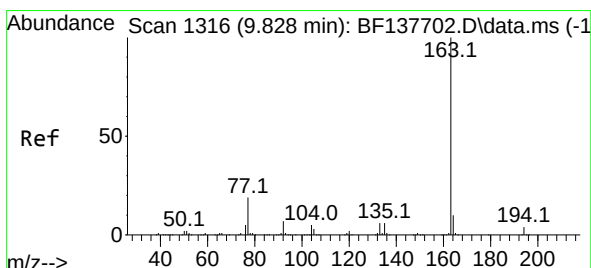
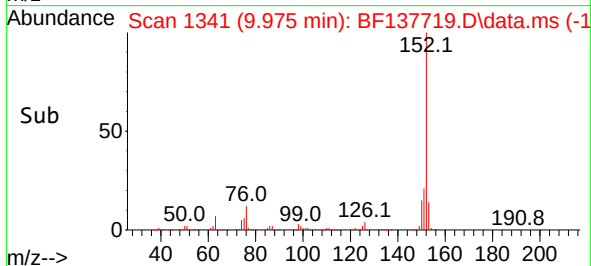
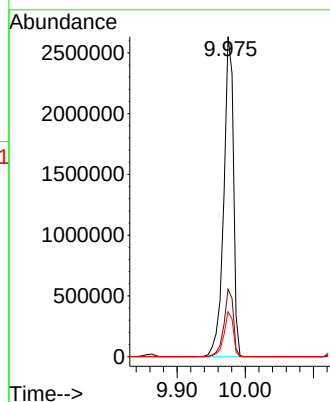
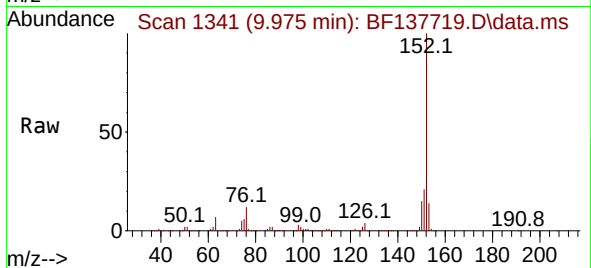
Tgt Ion:152 Resp: 2608449

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

153 14.0 11.0 16.4



#50

Dimethylphthalate

Concen: 46.094 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

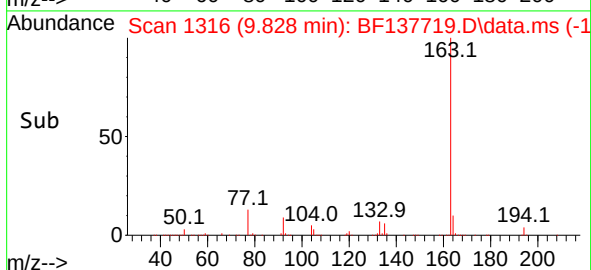
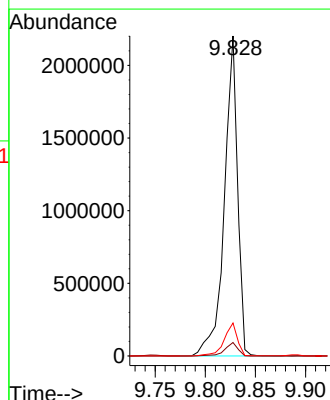
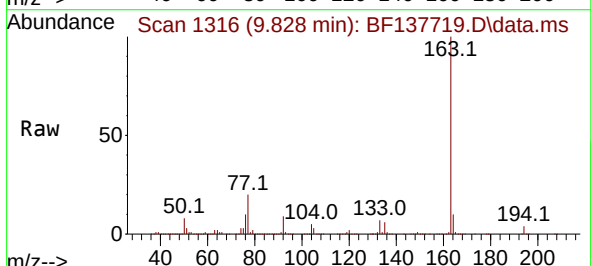
Tgt Ion:163 Resp: 2010438

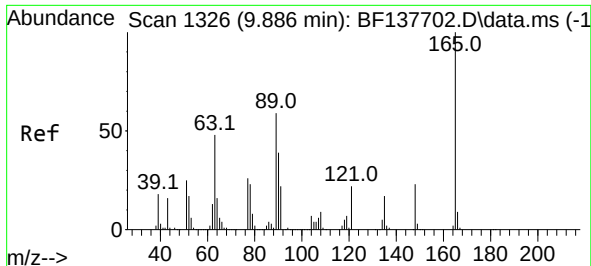
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.3 8.2 12.2

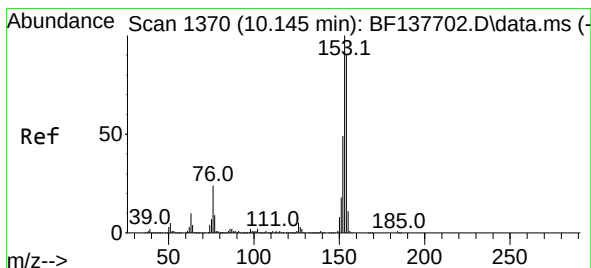
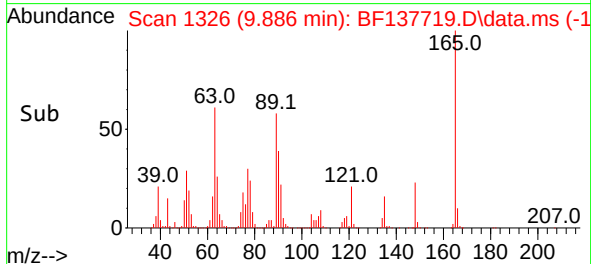
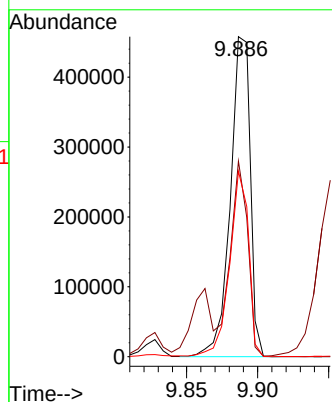
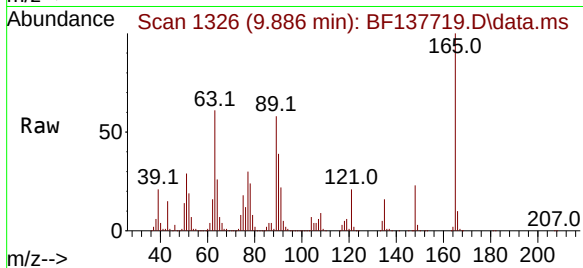




#51
2,6-Dinitrotoluene
Concen: 48.666 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

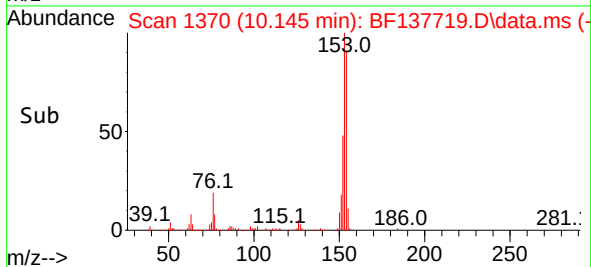
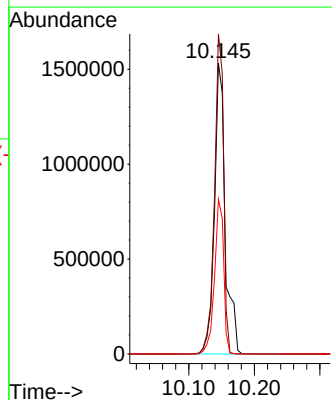
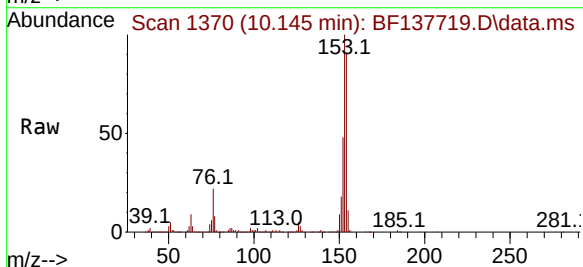
Instrument :
BNA_F
ClientSampleId :
PB160476BS

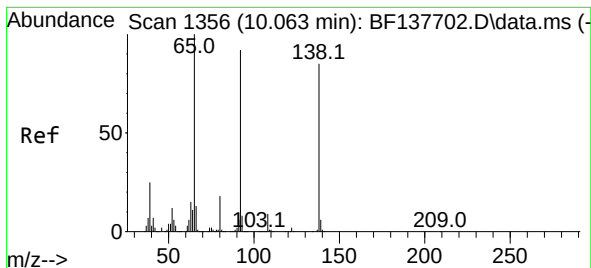
Tgt Ion:165 Resp: 447229
Ion Ratio Lower Upper
165 100
63 61.1 47.7 71.5
89 58.0 47.3 70.9



#52
Acenaphthene
Concen: 49.585 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:154 Resp: 1757753
Ion Ratio Lower Upper
154 100
153 110.1 88.5 132.7
152 53.2 43.3 64.9

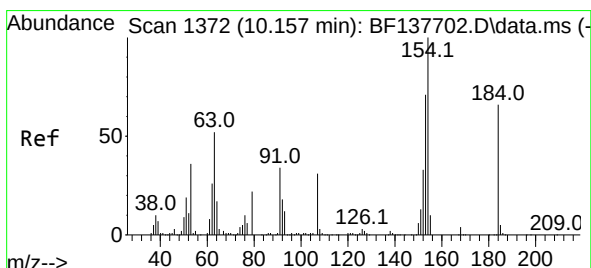
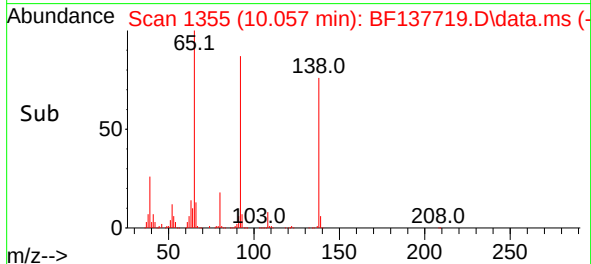
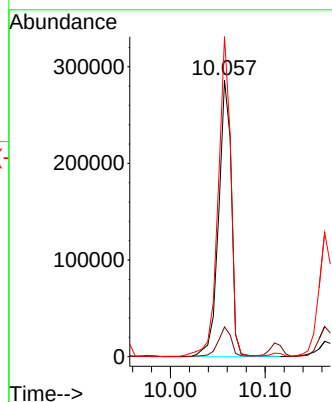
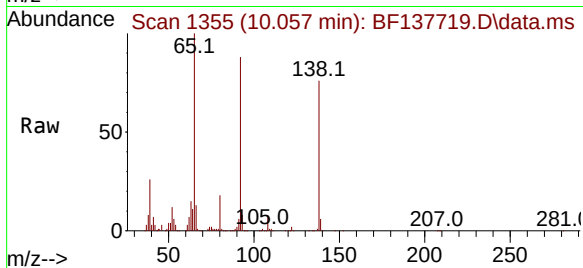




#53
3-Nitroaniline
Concen: 25.887 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

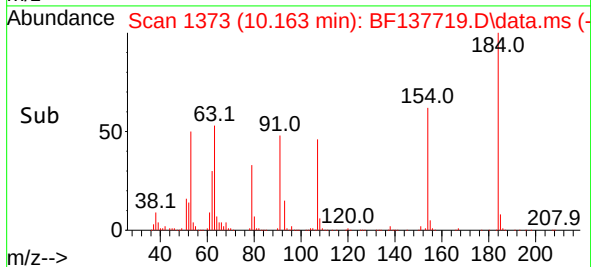
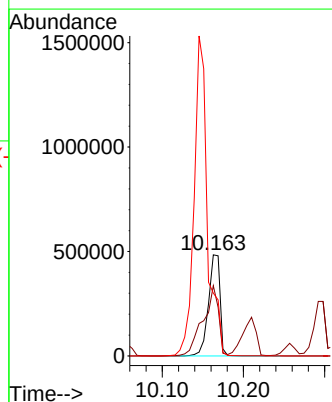
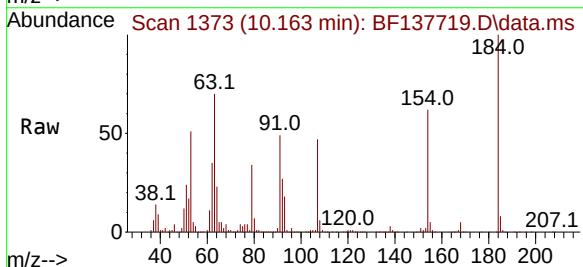
Instrument :
BNA_F
ClientSampleId :
PB160476BS

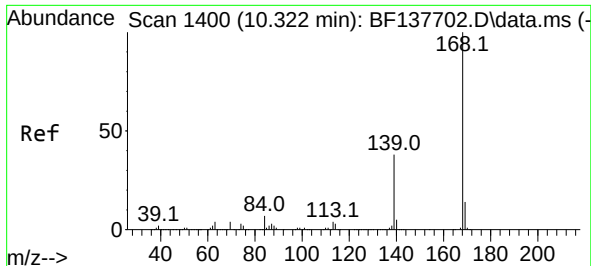
Tgt Ion:138 Resp: 267341
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 115.7 86.9 130.3



#54
2,4-Dinitrophenol
Concen: 96.832 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:184 Resp: 478963
Ion Ratio Lower Upper
184 100
63 69.6 63.5 95.3
154 62.2 123.0 184.6#

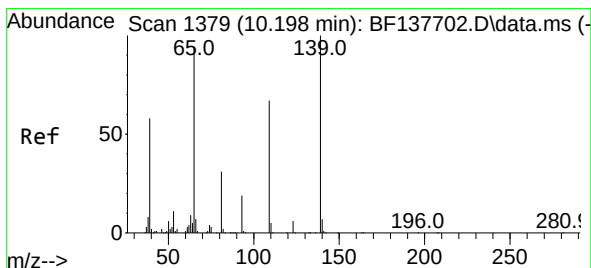
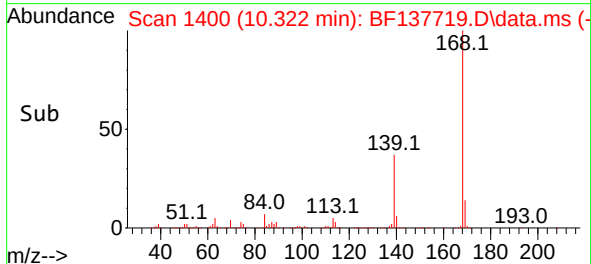
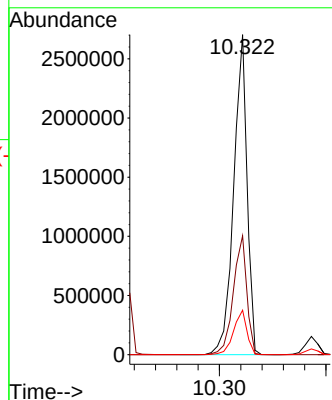
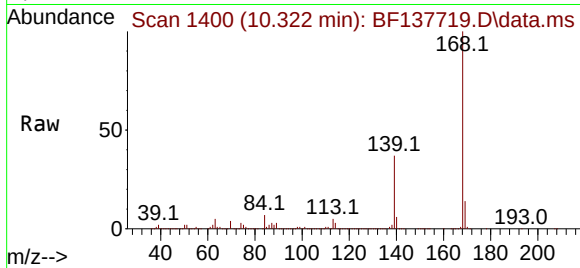




#55
Dibenzofuran
Concen: 45.293 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

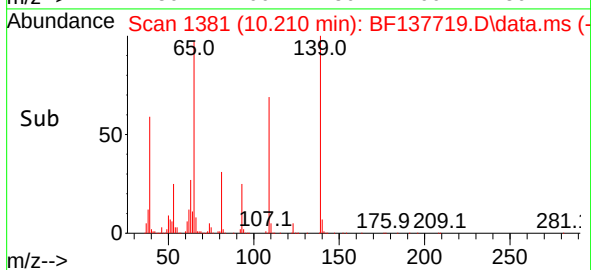
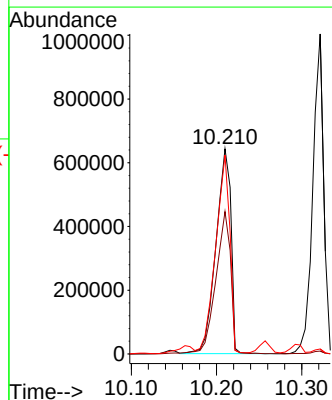
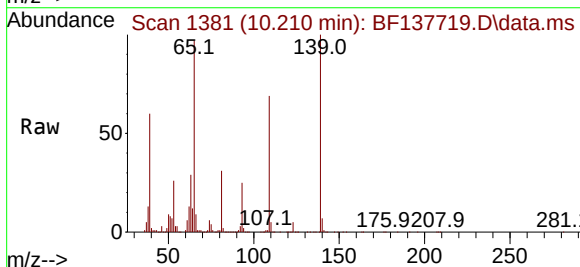
Instrument :
BNA_F
ClientSampleId :
PB160476BS

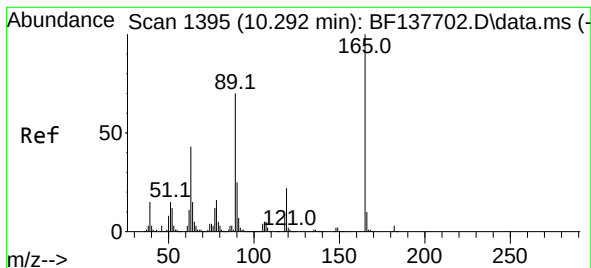
Tgt Ion:168 Resp: 2353610
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 97.543 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:139 Resp: 783388
Ion Ratio Lower Upper
139 100
109 69.4 46.9 86.9
65 96.9 75.8 115.8

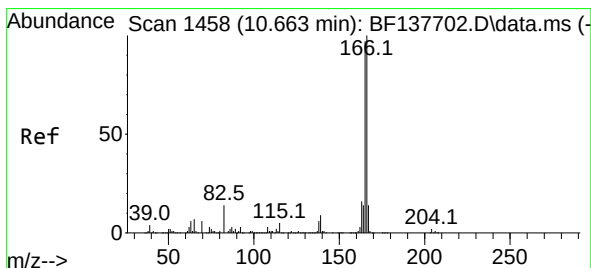
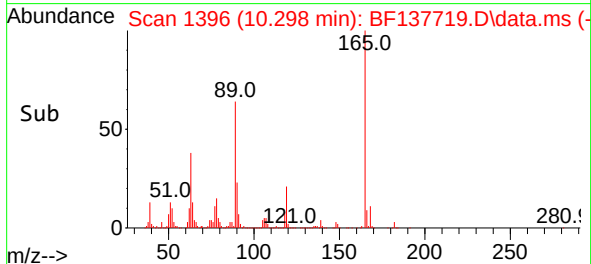
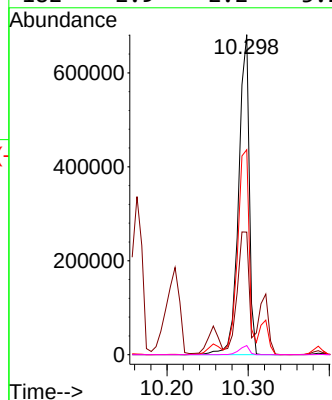
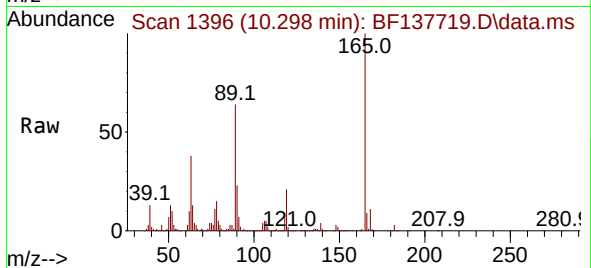




#57
2,4-Dinitrotoluene
Concen: 53.139 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

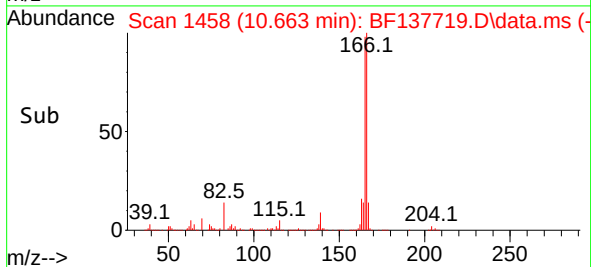
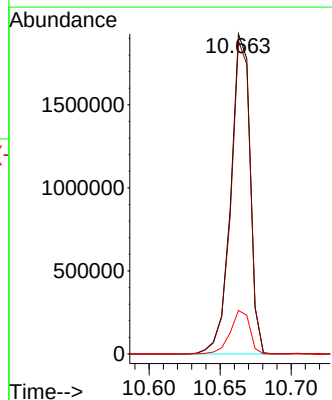
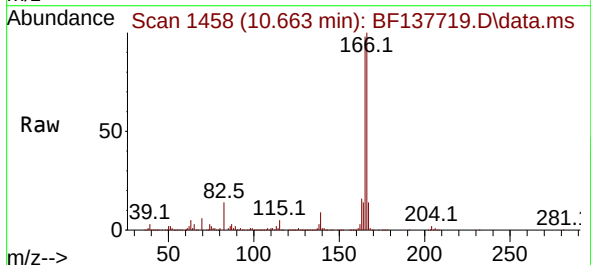
Instrument :
BNA_F
ClientSampleId :
PB160476BS

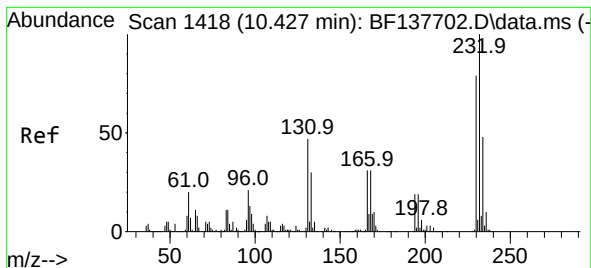
Tgt Ion:165 Resp: 615644
Ion Ratio Lower Upper
165 100
63 38.3 34.1 51.1
89 64.1 56.4 84.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 45.098 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

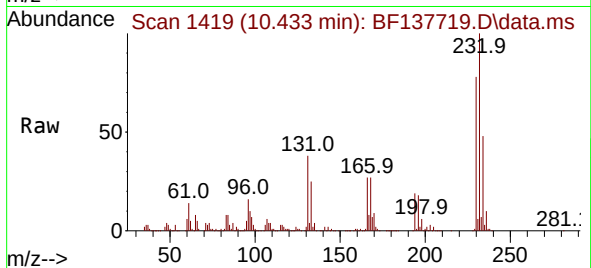
Tgt Ion:166 Resp: 1831113
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.6
167 13.6 10.8 16.2



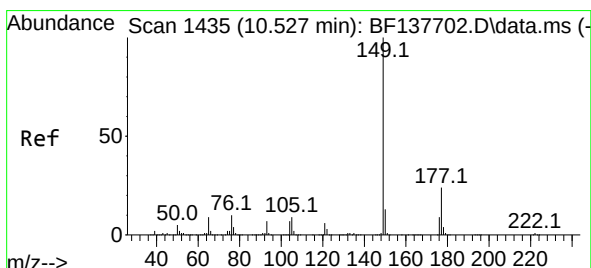
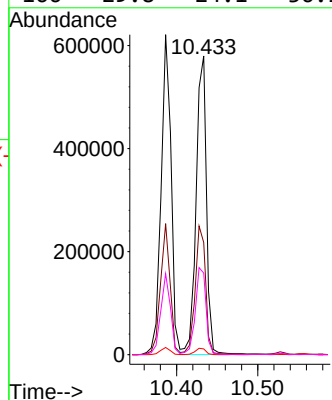
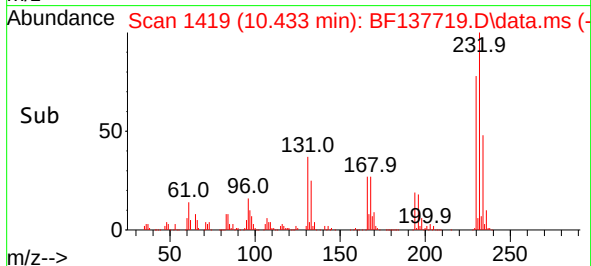


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.339 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

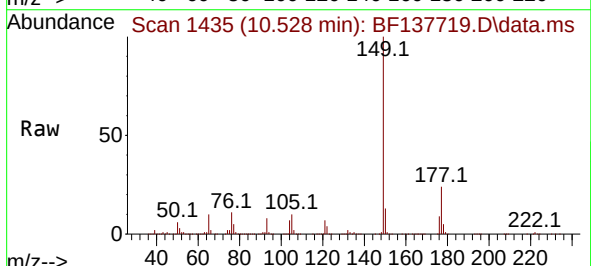
Instrument :
BNA_F
ClientSampleId :
PB160476BS



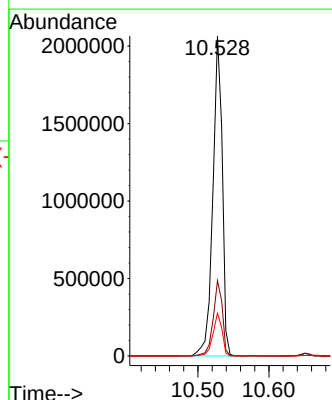
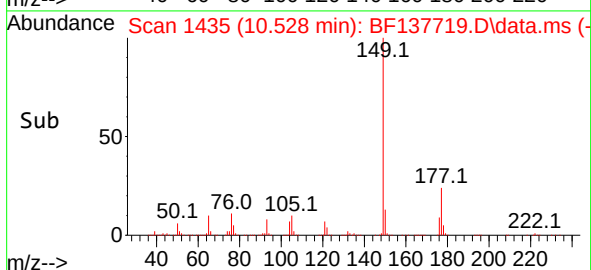
Tgt Ion:232 Resp: 516469
Ion Ratio Lower Upper
232 100
131 43.2 36.4 54.6
130 2.2 1.8 2.6
166 29.8 24.1 36.1

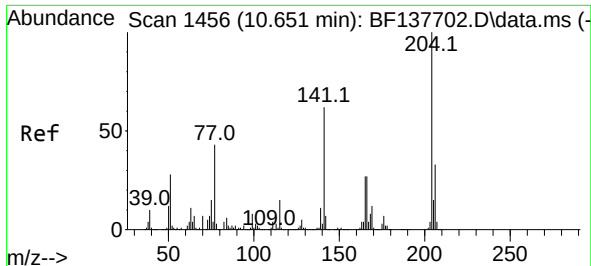


#60
Diethylphthalate
Concen: 45.409 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24



Tgt Ion:149 Resp: 1904931
Ion Ratio Lower Upper
149 100
177 23.5 19.0 28.4
150 13.4 10.2 15.2

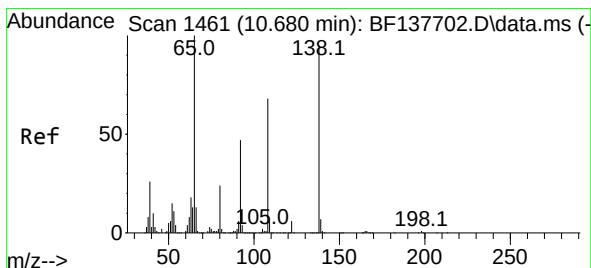
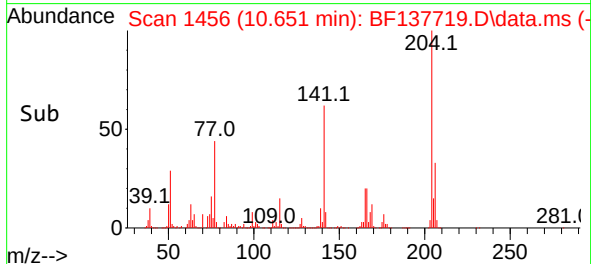
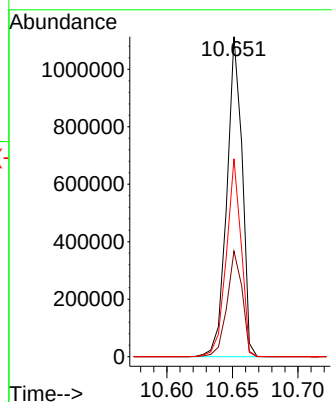
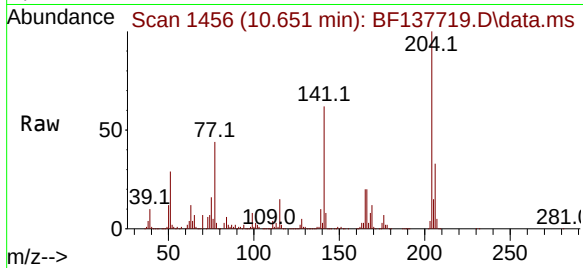




#61
4-Chlorophenyl-phenylether
Concen: 44.818 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

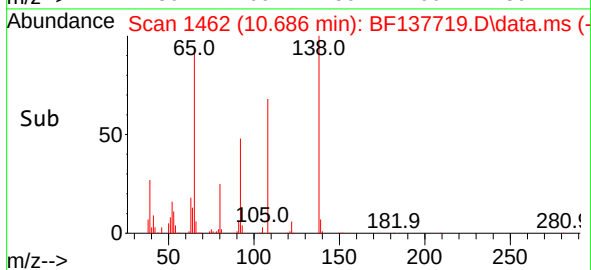
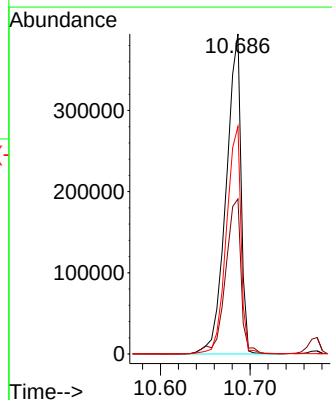
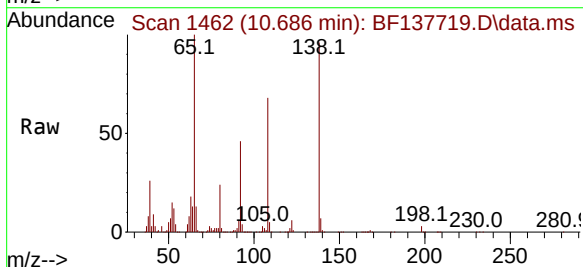
Instrument :
BNA_F
ClientSampleId :
PB160476BS

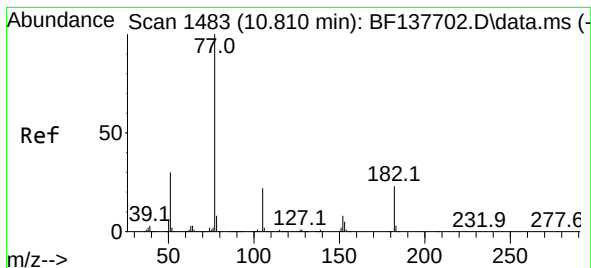
Tgt Ion:204 Resp: 899147
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 61.8 49.4 74.2



#62
4-Nitroaniline
Concen: 46.268 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:138 Resp: 455118
Ion Ratio Lower Upper
138 100
92 48.4 29.8 69.8
108 71.1 51.1 91.1





#63

Azobenzene

Concen: 44.544 ng

RT: 10.816 min Scan# 1483

Delta R.T. 0.006 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_F

ClientSampleId :

PB160476BS

Tgt Ion: 77 Resp: 1914851

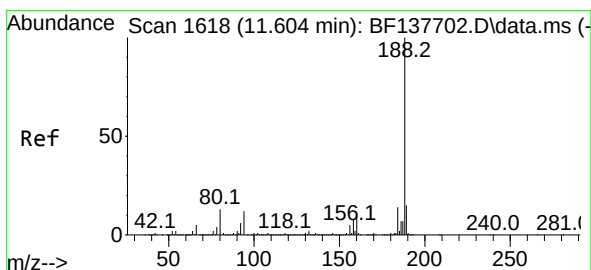
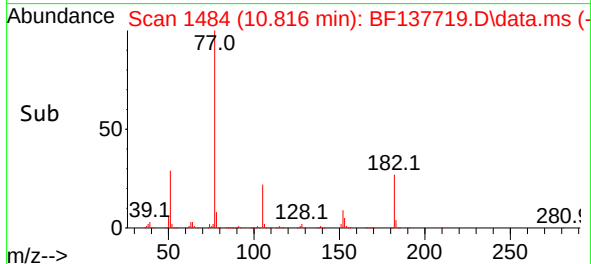
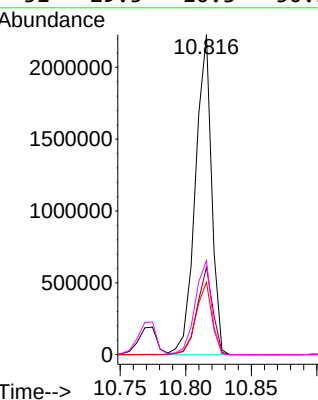
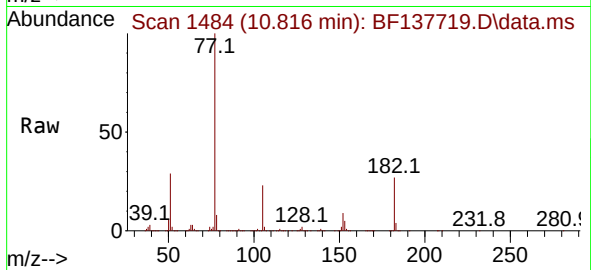
Ion Ratio Lower Upper

77 100

182 27.3 3.1 43.1

105 22.7 1.6 41.6

51 29.5 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.610 min Scan# 1619

Delta R.T. 0.006 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

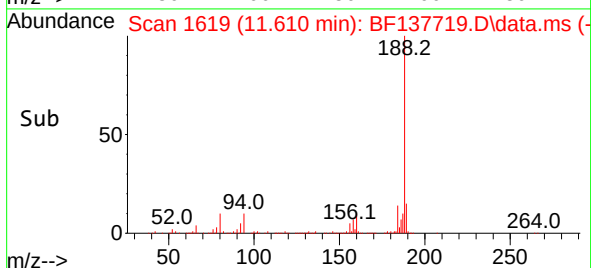
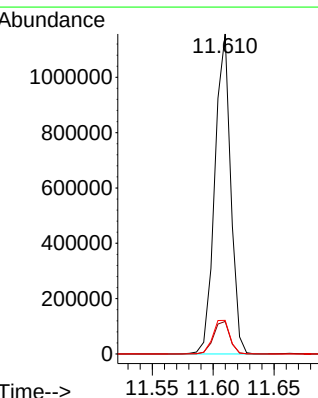
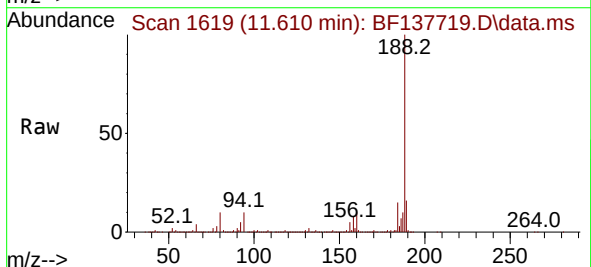
Tgt Ion: 188 Resp: 1048873

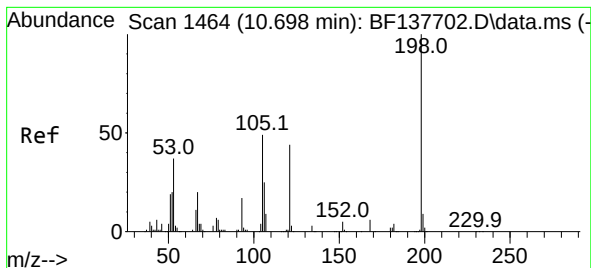
Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

80 10.5 10.2 15.4

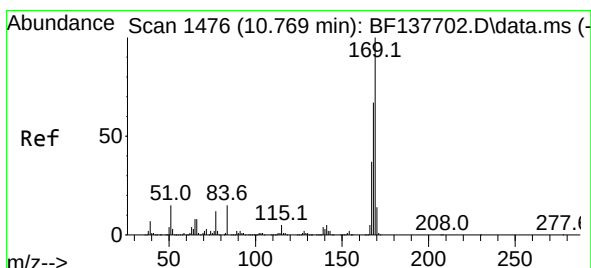
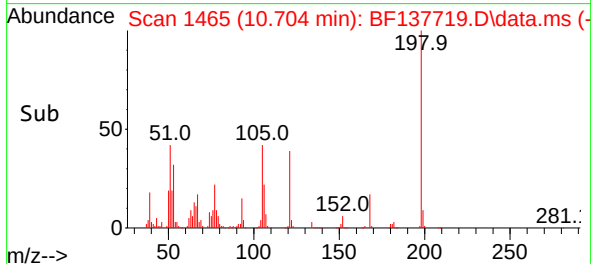
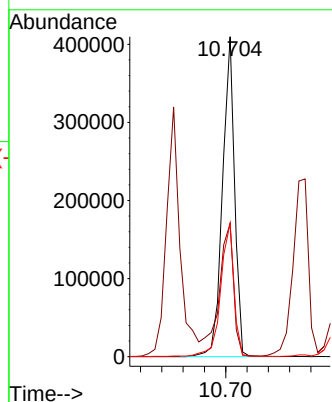
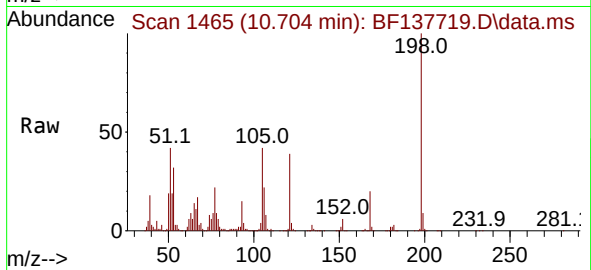




#65
4,6-Dinitro-2-methylphenol
Concen: 53.617 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

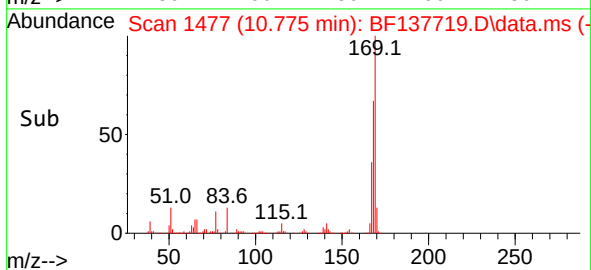
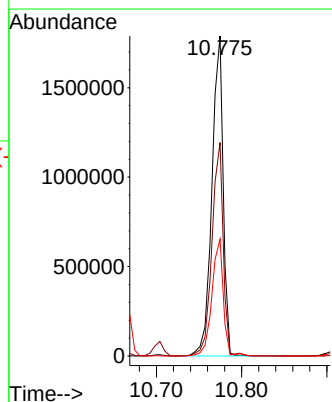
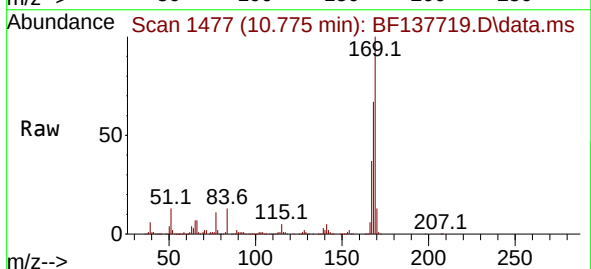
Instrument :
BNA_F
ClientSampleId :
PB160476BS

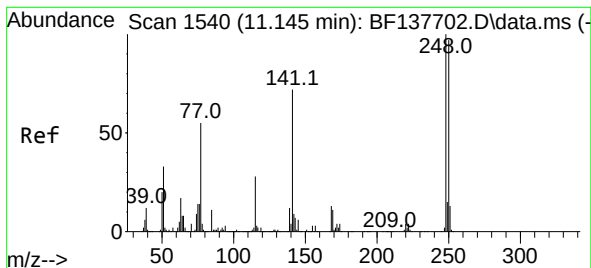
Tgt Ion:198 Resp: 322449
Ion Ratio Lower Upper
198 100
51 41.7 33.5 73.5
105 41.7 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 46.253 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:169 Resp: 1643105
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 36.5 29.6 44.4

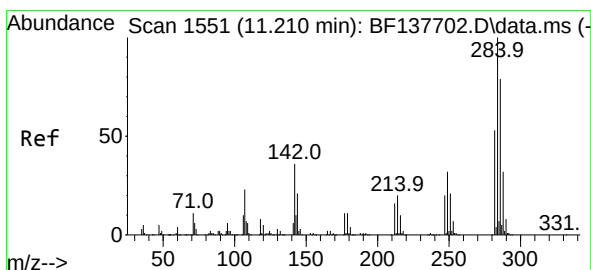
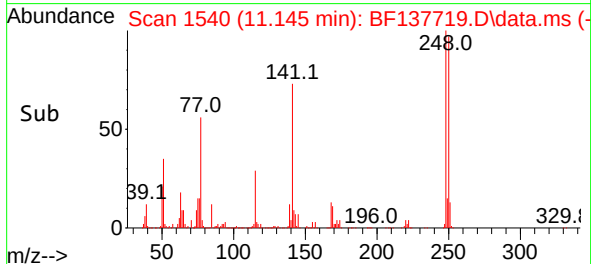
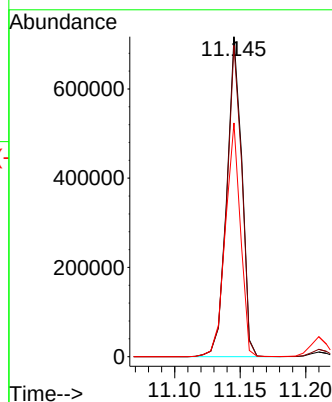
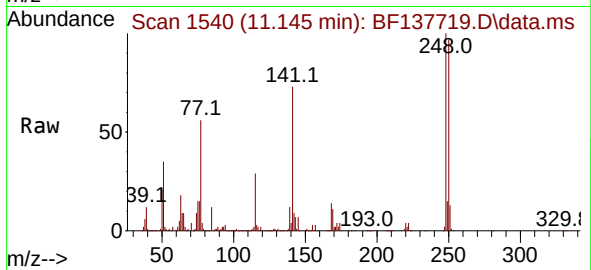




#67
4-Bromophenyl-phenylether
Concen: 47.182 ng
RT: 11.145 min Scan# 111
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

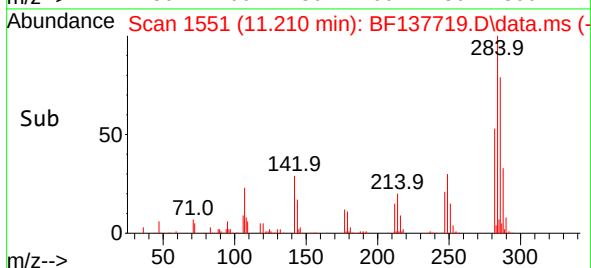
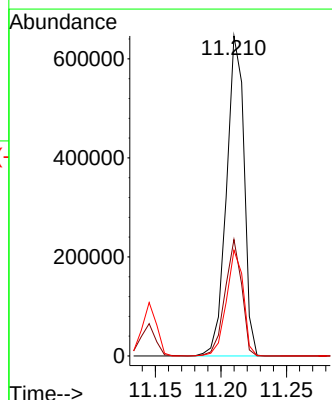
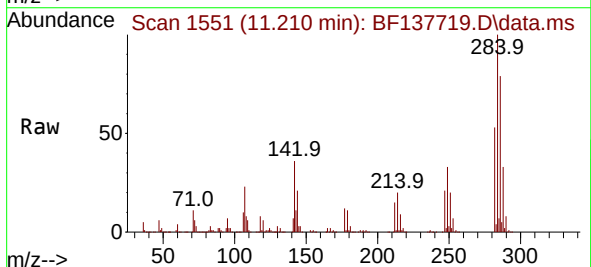
Instrument :
BNA_F
ClientSampleId :
PB160476BS

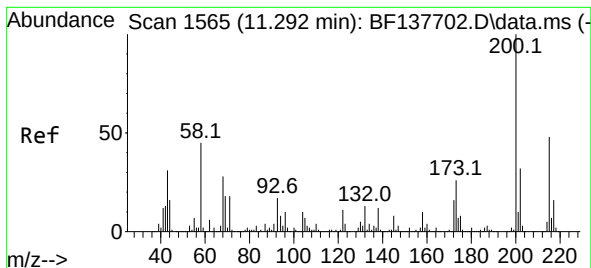
Tgt Ion:248 Resp: 573435
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.0
141 73.0 57.9 86.9



#68
Hexachlorobenzene
Concen: 50.706 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:284 Resp: 600368
Ion Ratio Lower Upper
284 100
142 36.4 28.5 42.7
249 33.1 25.6 38.4





#69

Atrazine

Concen: 54.734 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_F

ClientSampleId :

PB160476BS

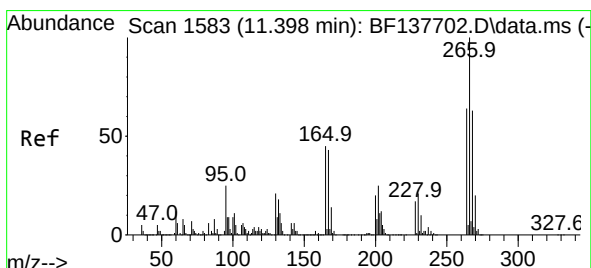
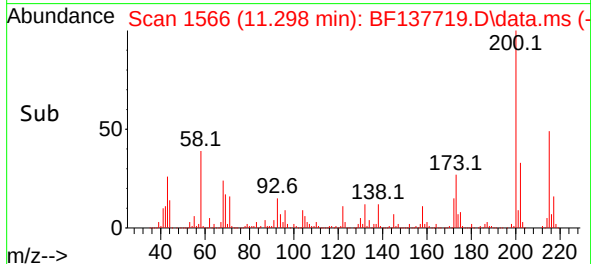
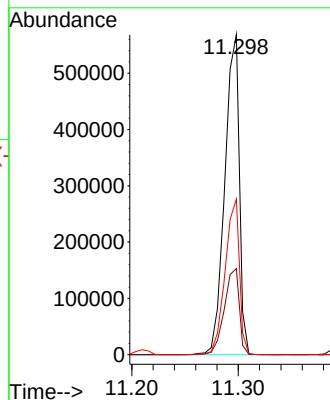
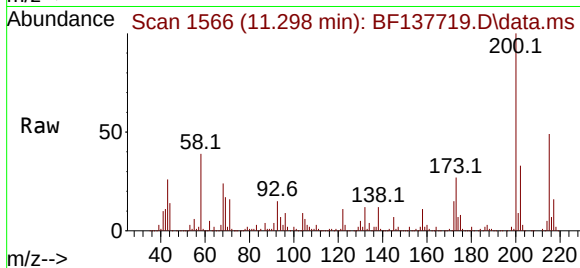
Tgt Ion:200 Resp: 537492

Ion Ratio Lower Upper

200 100

173 26.9 6.3 46.3

215 48.7 28.0 68.0



#70

Pentachlorophenol

Concen: 88.174 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

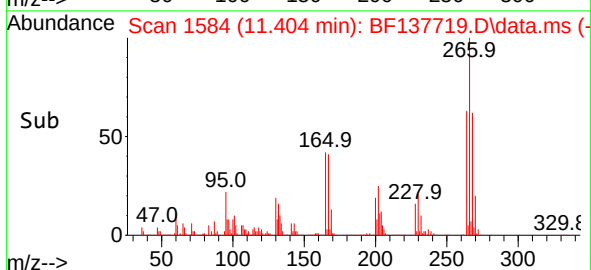
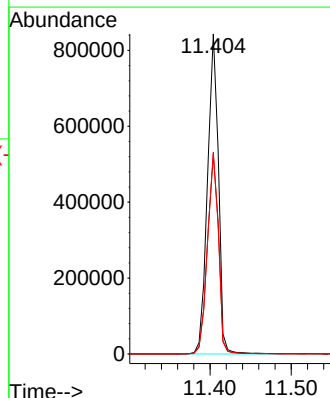
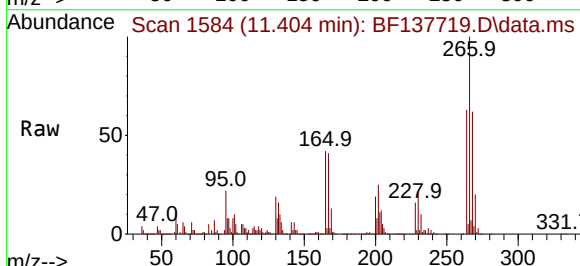
Tgt Ion:266 Resp: 785339

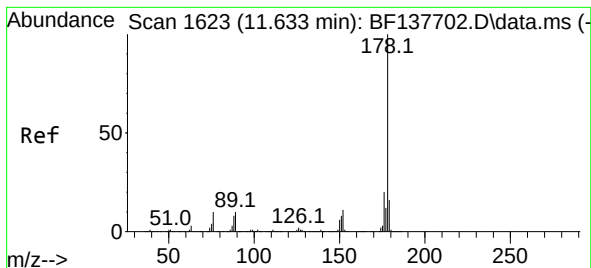
Ion Ratio Lower Upper

266 100

268 62.4 50.4 75.6

264 63.0 51.4 77.0





#71

Phenanthrene

Concen: 46.277 ng

RT: 11.633 min Scan# 1623

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_F

ClientSampleId :

PB160476BS

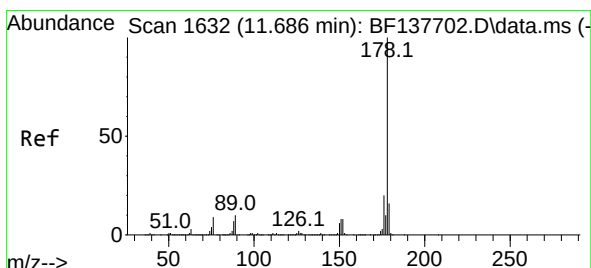
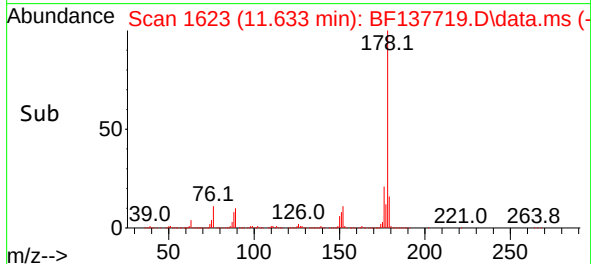
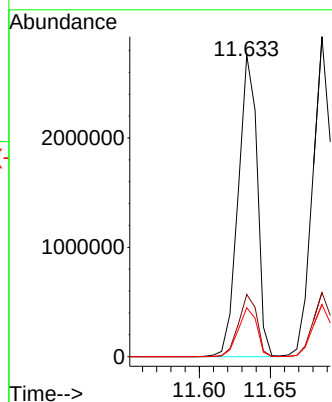
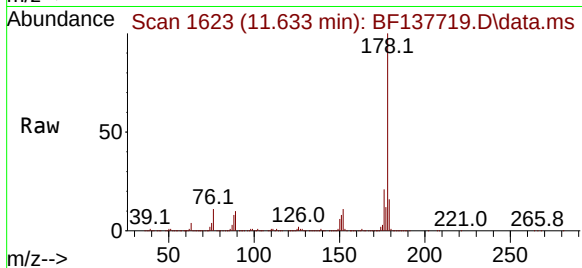
Tgt Ion:178 Resp: 2569429

Ion Ratio Lower Upper

178 100

176 20.7 16.4 24.6

179 16.3 12.8 19.2



#72

Anthracene

Concen: 46.281 ng

RT: 11.686 min Scan# 1632

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

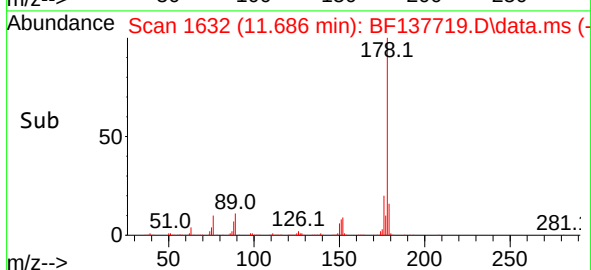
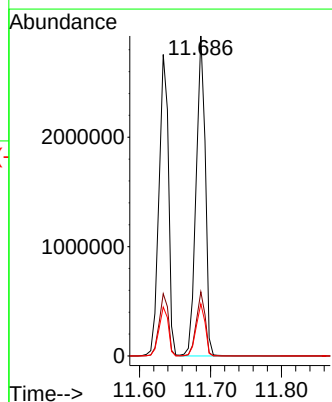
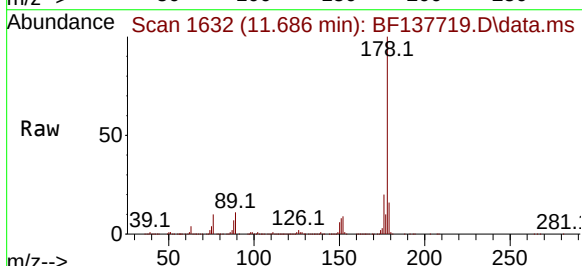
Tgt Ion:178 Resp: 2631290

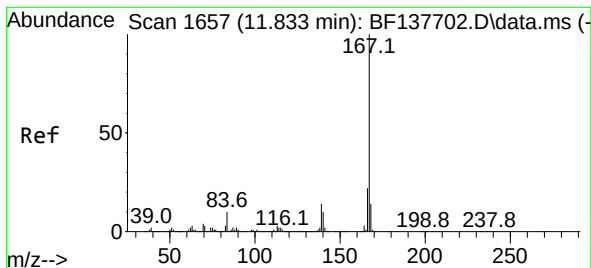
Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 16.3 13.0 19.6





#73

Carbazole

Concen: 47.023 ng

RT: 11.839 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

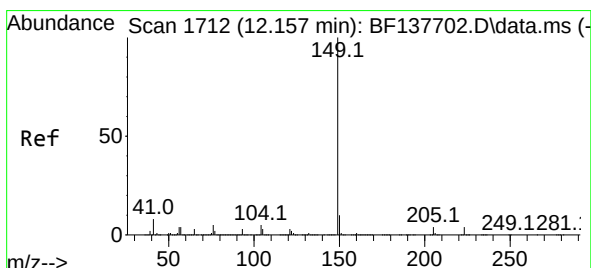
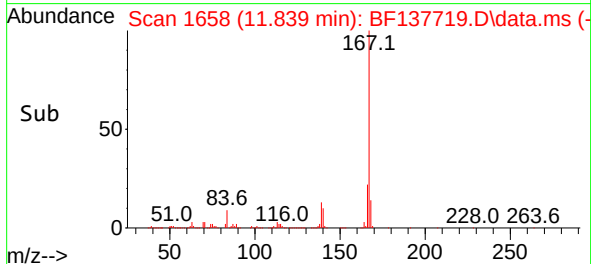
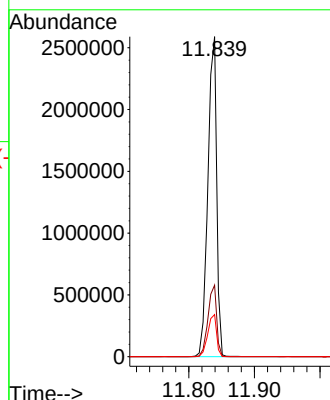
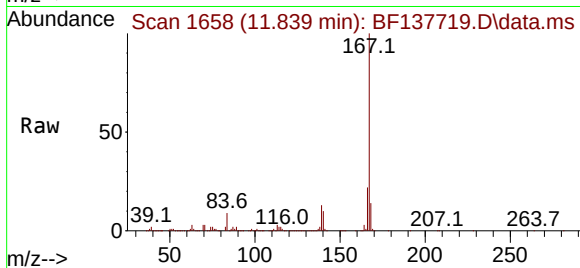
BNA_F

ClientSampleId :

PB160476BS

Tgt Ion:167 Resp: 2422879

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.5	26.3
139	13.1	10.9	16.3



#74

Di-n-butylphthalate

Concen: 45.767 ng

RT: 12.157 min Scan# 1712

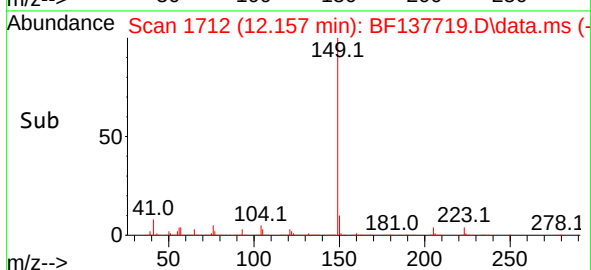
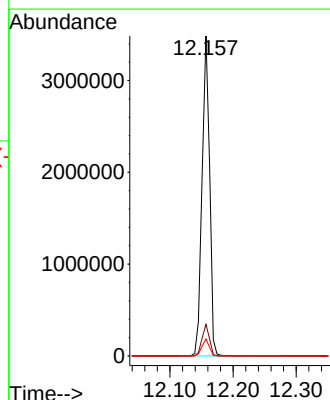
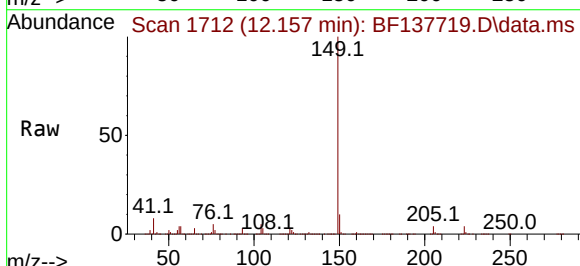
Delta R.T. 0.000 min

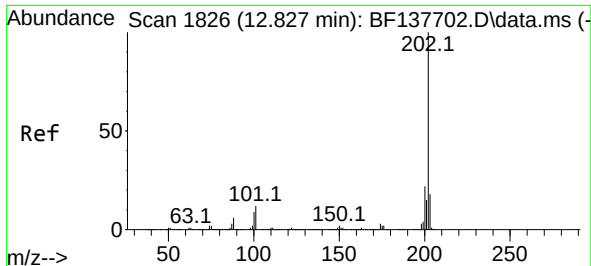
Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Tgt Ion:149 Resp: 2874618

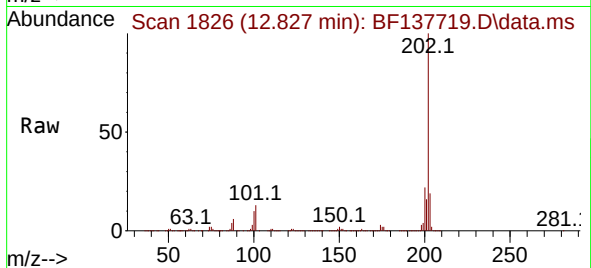
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.3	4.2	6.4



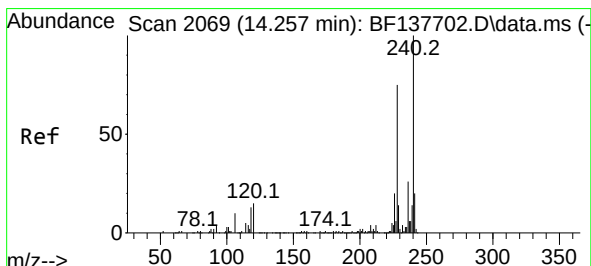
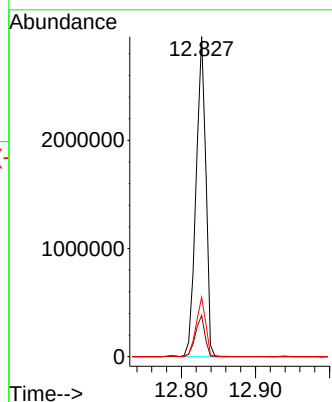
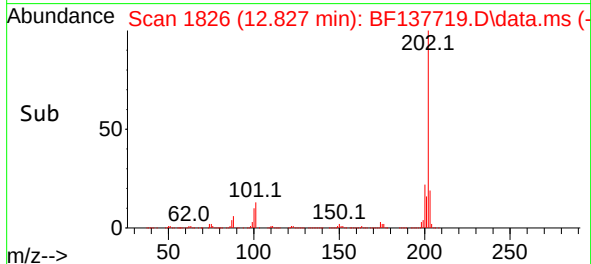


#75
Fluoranthene
Concen: 46.178 ng
RT: 12.827 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

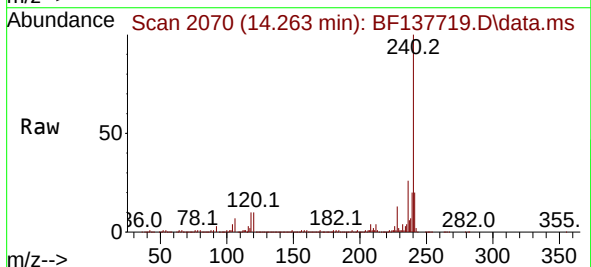
Instrument :
BNA_F
ClientSampleId :
PB160476BS



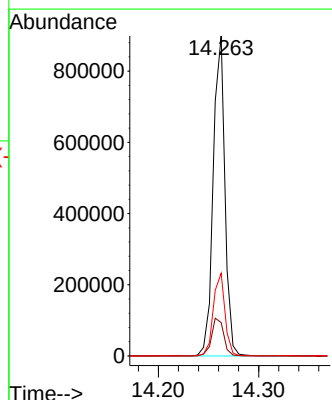
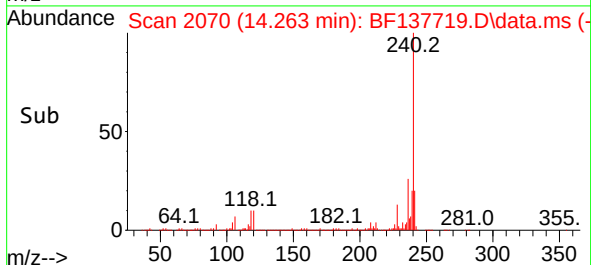
Tgt Ion:202 Resp: 2694928
Ion Ratio Lower Upper
202 100
101 12.9 0.0 32.2
203 18.5 0.0 38.1

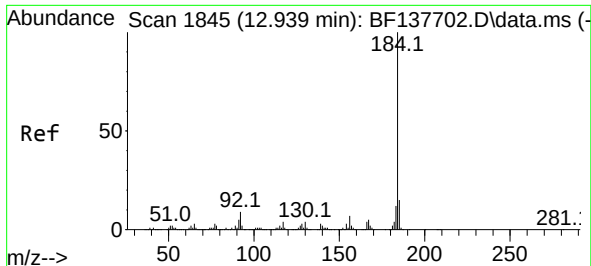


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.263 min Scan# 2070
Delta R.T. 0.006 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24



Tgt Ion:240 Resp: 730960
Ion Ratio Lower Upper
240 100
120 10.5 11.9 17.9#
236 25.8 20.8 31.2

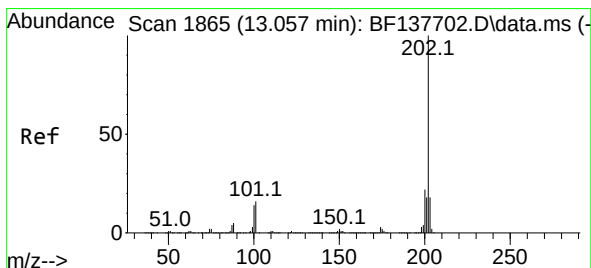
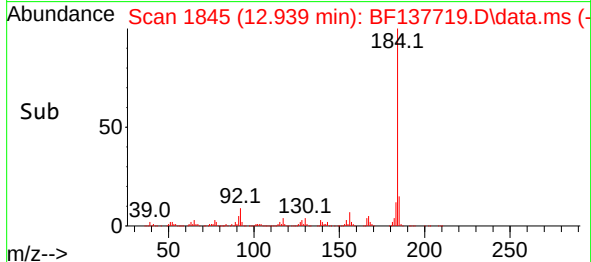
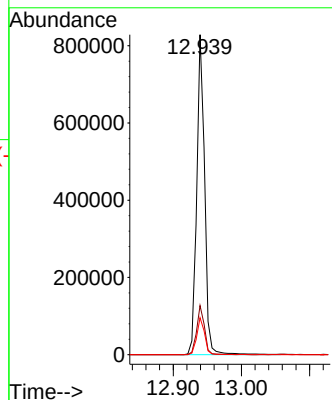
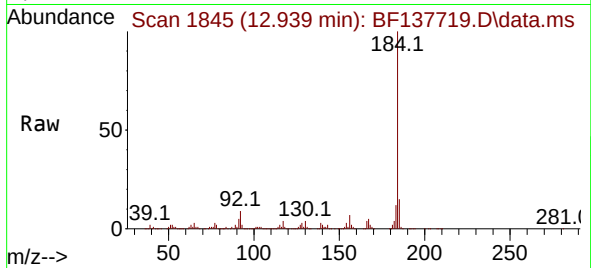




#77
Benzidine
Concen: 38.994 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

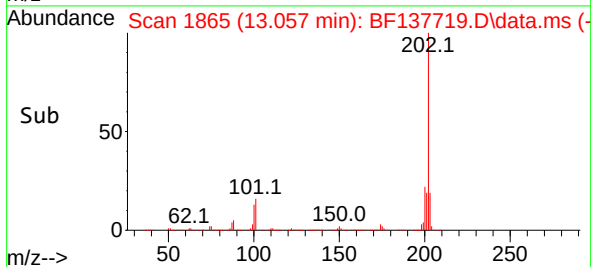
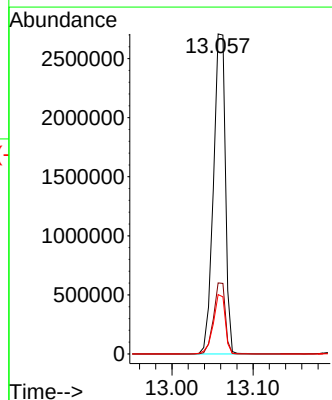
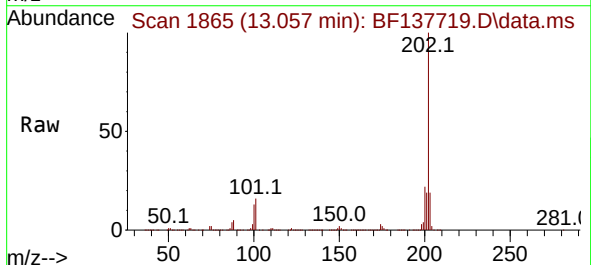
Instrument :
BNA_F
ClientSampleId :
PB160476BS

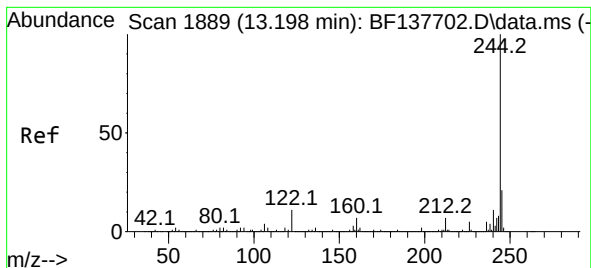
Tgt Ion:184 Resp: 665730
Ion Ratio Lower Upper
184 100
185 15.4 12.2 18.4
183 11.5 9.4 14.0



#78
Pyrene
Concen: 46.134 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:202 Resp: 2767847
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.6
203 18.6 14.6 21.8





#79

Terphenyl-d14

Concen: 85.215 ng

RT: 13.198 min Scan# 1889

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_F

ClientSampleId :

PB160476BS

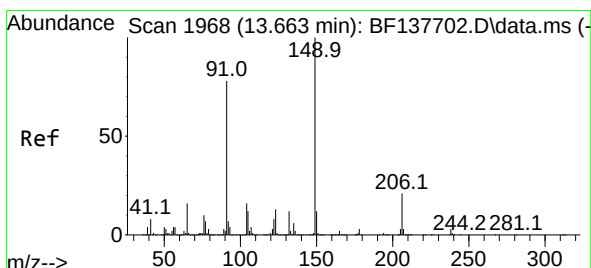
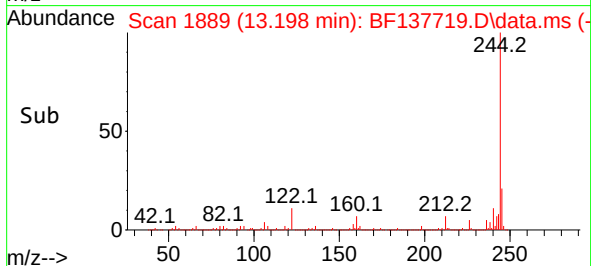
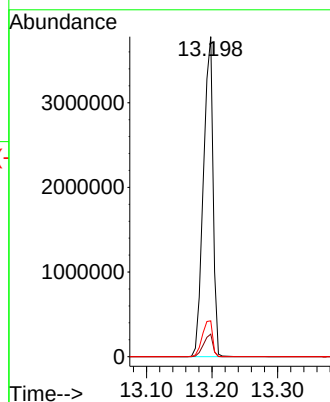
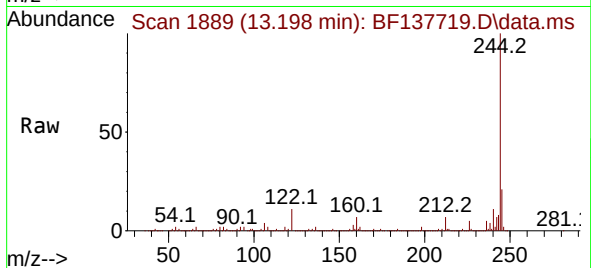
Tgt Ion:244 Resp: 3869910

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 11.2 8.8 13.2



#80

Butylbenzylphthalate

Concen: 49.214 ng

RT: 13.663 min Scan# 1968

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

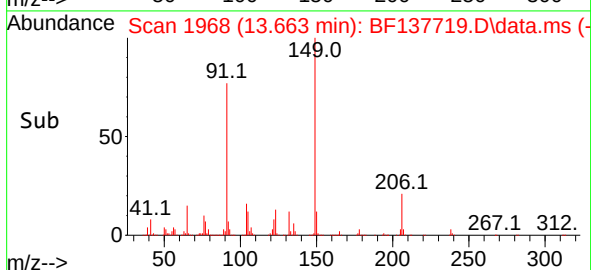
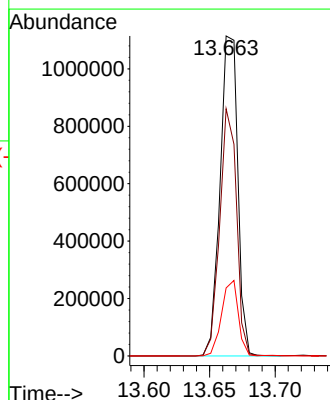
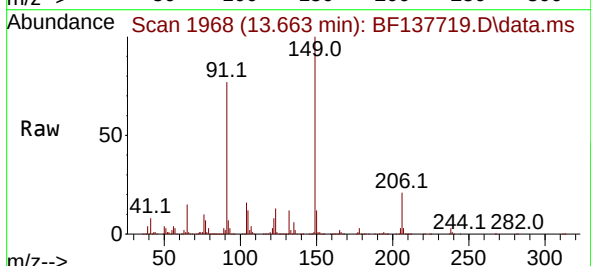
Tgt Ion:149 Resp: 1047095

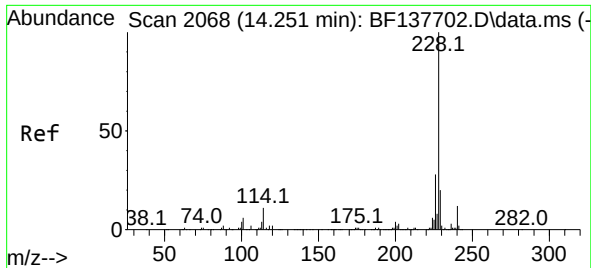
Ion Ratio Lower Upper

149 100

91 77.3 62.6 93.8

206 21.3 16.5 24.7

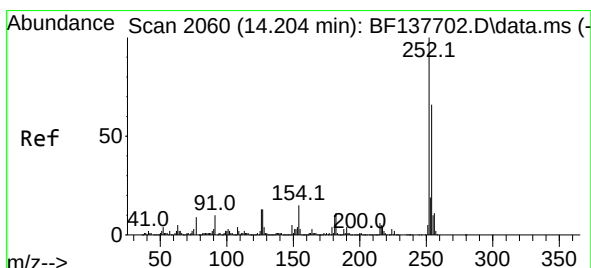
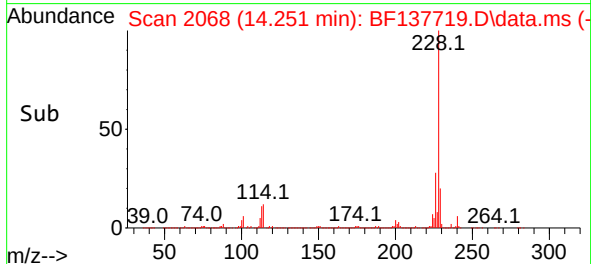
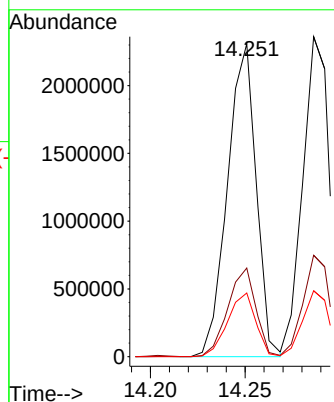
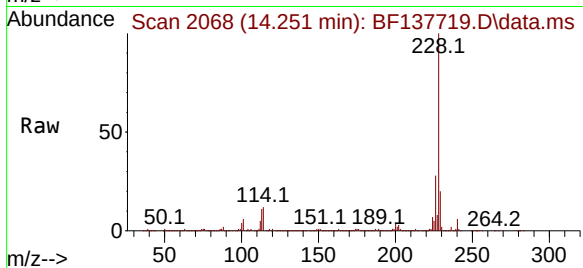




#81
Benzo(a)anthracene
Concen: 47.620 ng
RT: 14.251 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

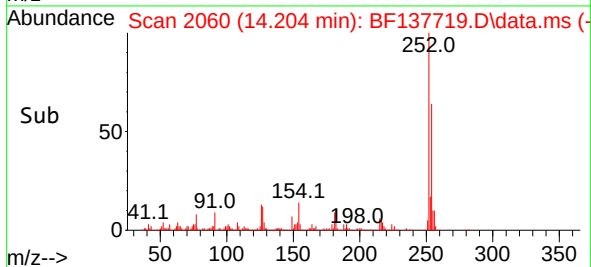
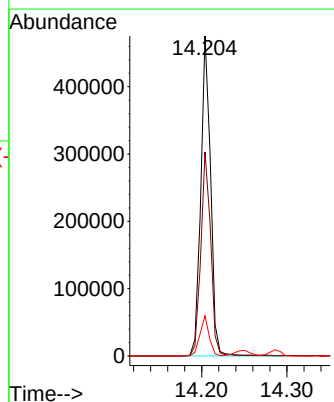
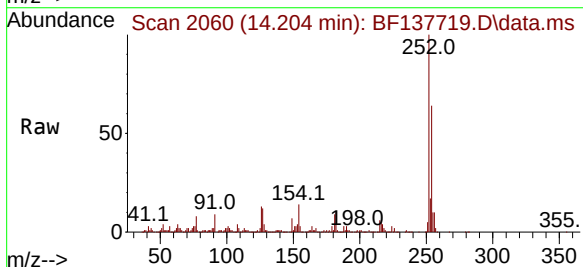
Instrument :
BNA_F
ClientSampleId :
PB160476BS

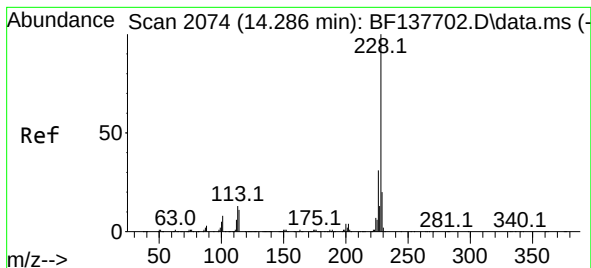
Tgt Ion:228 Resp: 2427801
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 20.3 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 24.137 ng
RT: 14.204 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:252 Resp: 380738
Ion Ratio Lower Upper
252 100
254 63.8 52.6 79.0
126 12.5 10.8 16.2





#83

Chrysene

Concen: 47.301 ng

RT: 14.286 min Scan# 2074

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_F

ClientSampleId :

PB160476BS

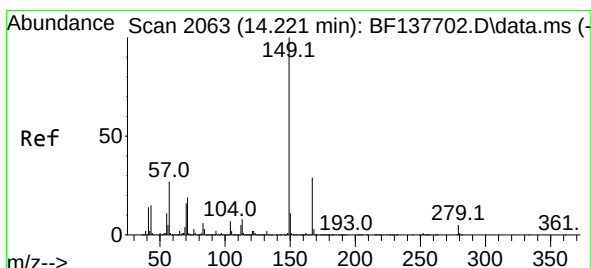
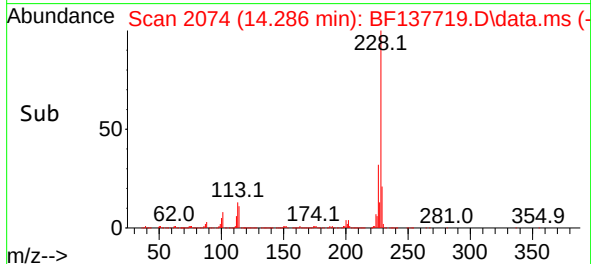
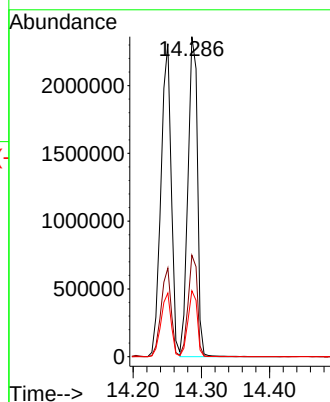
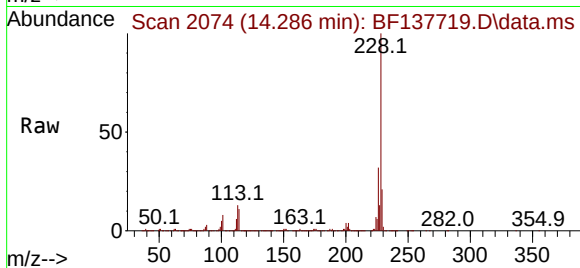
Tgt Ion:228 Resp: 2253249

Ion Ratio Lower Upper

228 100

226 31.7 24.7 37.1

229 20.6 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.629 ng

RT: 14.221 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

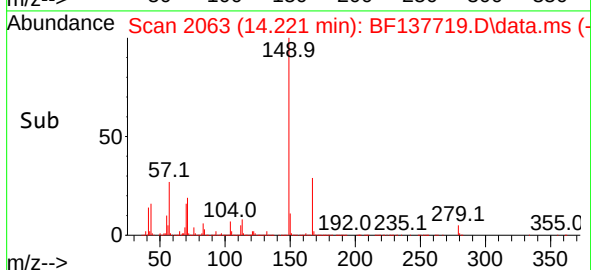
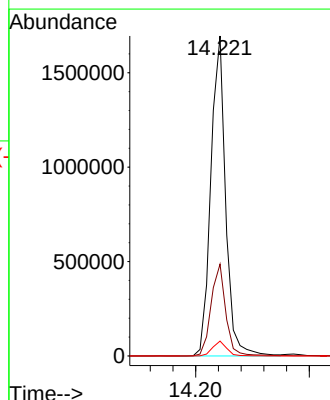
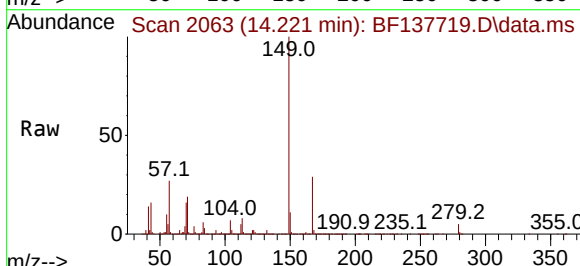
Tgt Ion:149 Resp: 1530391

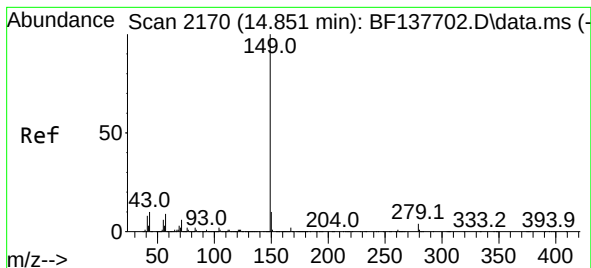
Ion Ratio Lower Upper

149 100

167 28.7 23.4 35.0

279 4.7 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 47.158 ng

RT: 14.851 min Scan# 2170

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_F

ClientSampleId :

PB160476BS

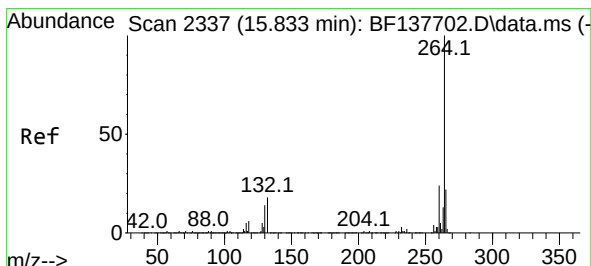
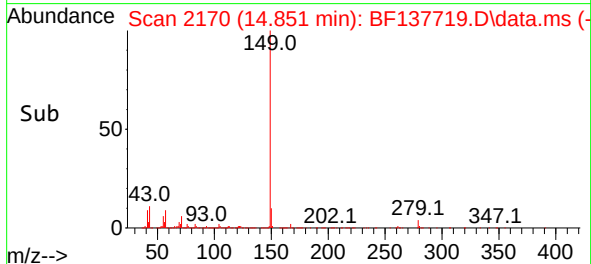
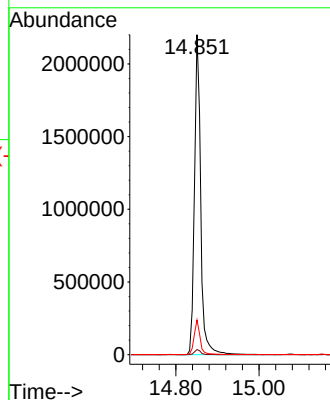
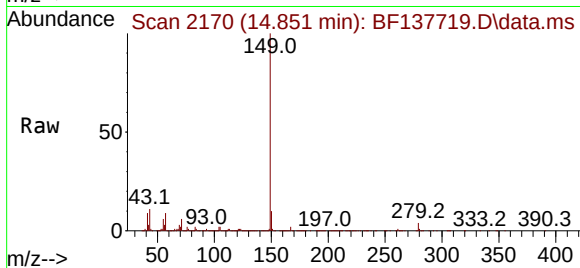
Tgt Ion:149 Resp: 2276076

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.833 min Scan# 2337

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

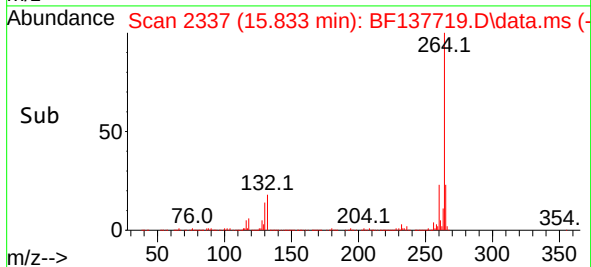
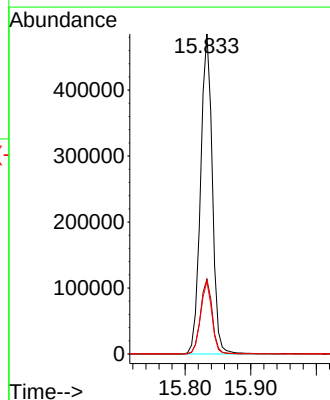
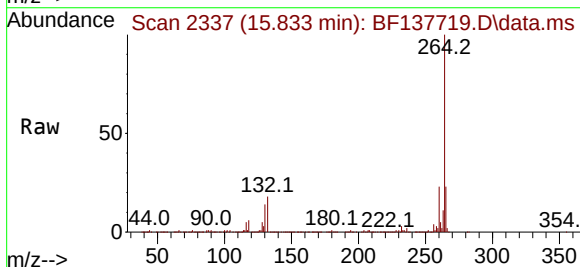
Tgt Ion:264 Resp: 604317

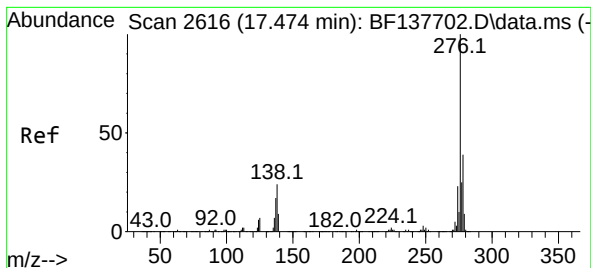
Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 22.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.683 ng

RT: 17.480 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_F

ClientSampleId :

PB160476BS

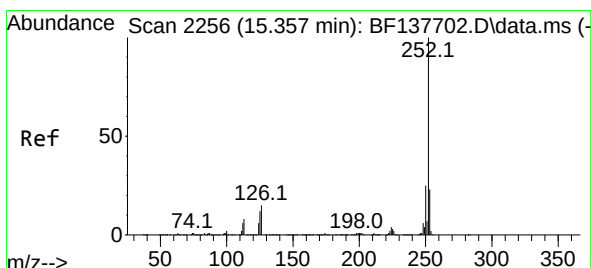
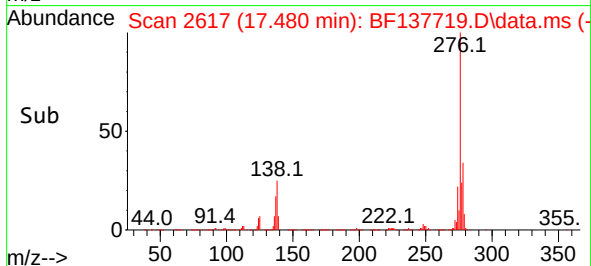
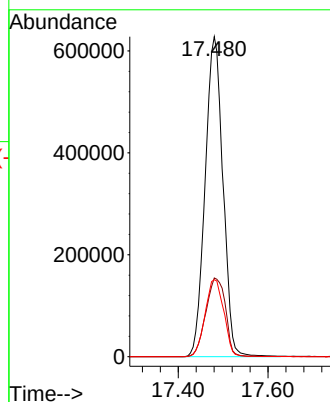
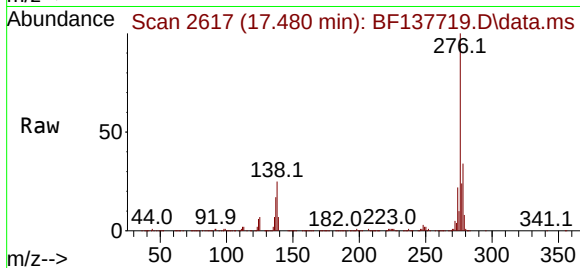
Tgt Ion:276 Resp: 1731801

Ion Ratio Lower Upper

276 100

138 27.1 22.3 33.5

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.622 ng

RT: 15.363 min Scan# 2257

Delta R.T. 0.006 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

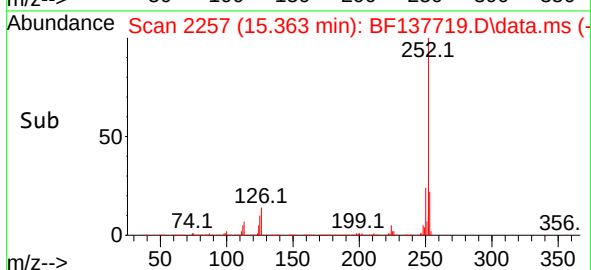
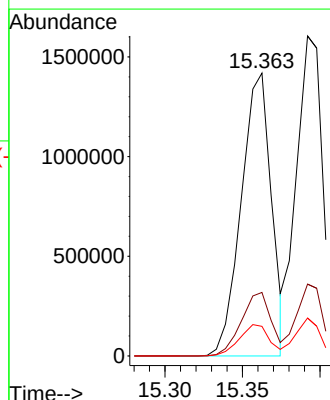
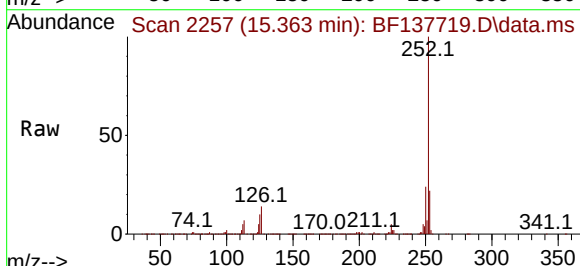
Tgt Ion:252 Resp: 1918939

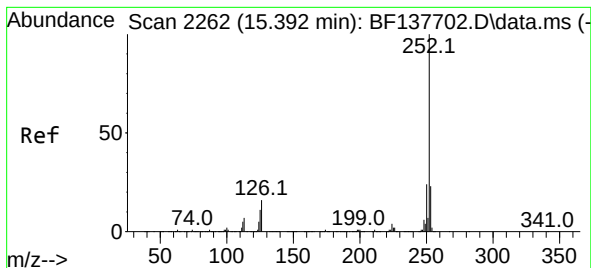
Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 10.4 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 50.184 ng

RT: 15.392 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

Instrument :

BNA_F

ClientSampleId :

PB160476BS

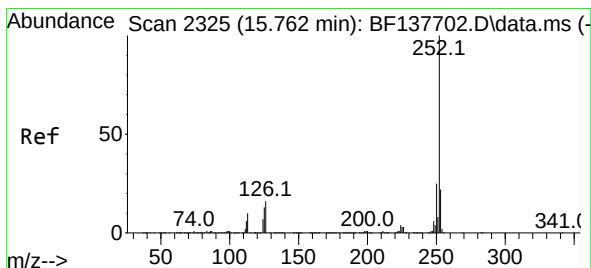
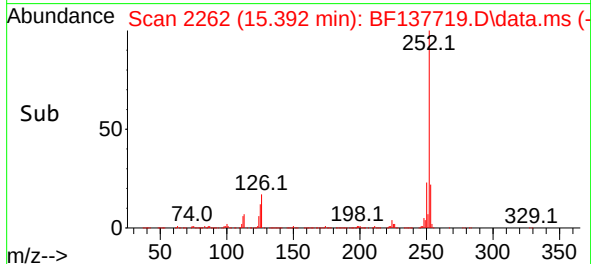
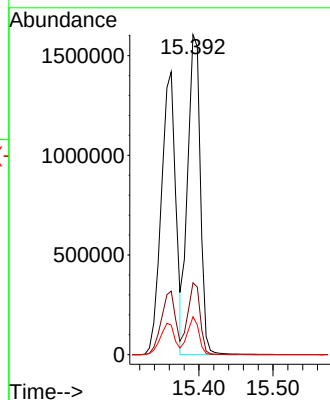
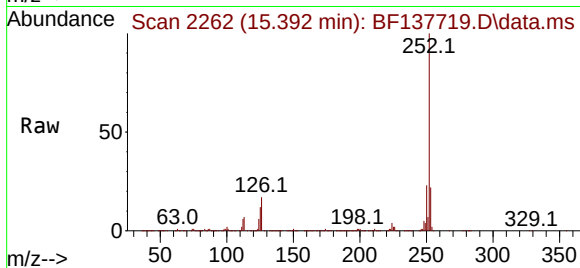
Tgt Ion:252 Resp: 1907653

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 11.9 9.0 13.6



#90

Benzo(a)pyrene

Concen: 48.241 ng

RT: 15.768 min Scan# 2326

Delta R.T. 0.006 min

Lab File: BF137719.D

Acq: 24 Apr 2024 15:24

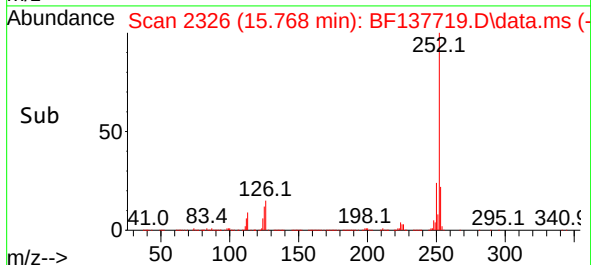
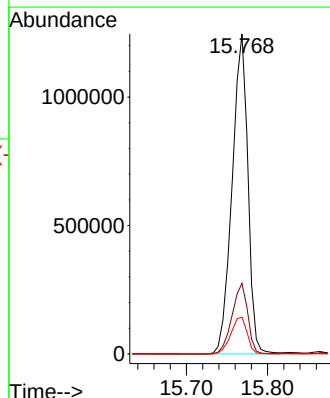
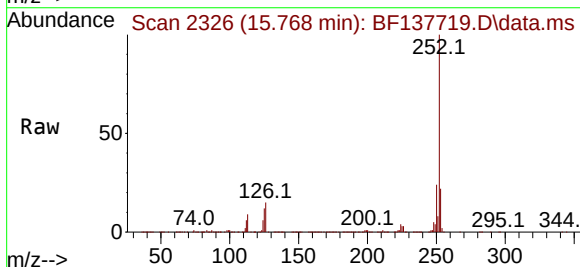
Tgt Ion:252 Resp: 1673508

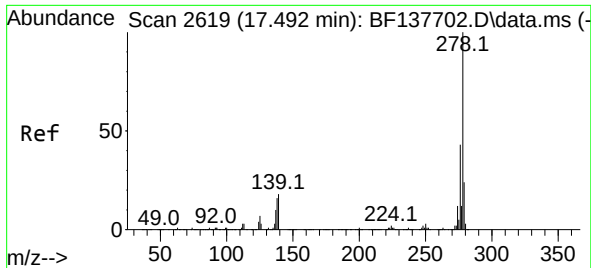
Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 11.5 10.2 15.2

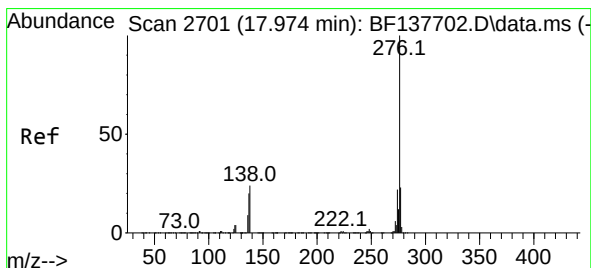
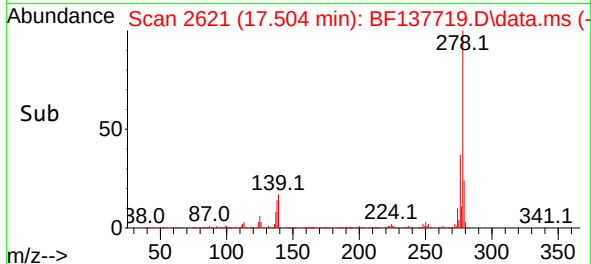
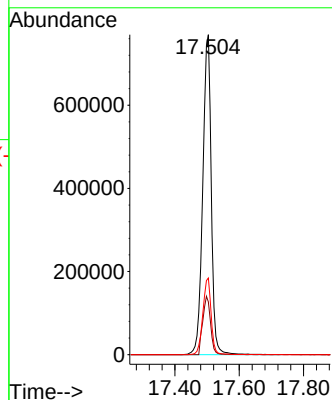
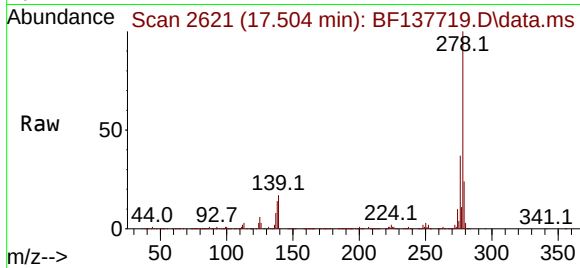




#91
Dibenzo(a,h)anthracene
Concen: 51.064 ng
RT: 17.504 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Instrument :
BNA_F
ClientSampleId :
PB160476BS

Tgt Ion:278 Resp: 1419923
Ion Ratio Lower Upper
278 100
139 16.5 14.7 22.1
279 24.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 49.250 ng
RT: 17.986 min Scan# 2703
Delta R.T. 0.012 min
Lab File: BF137719.D
Acq: 24 Apr 2024 15:24

Tgt Ion:276 Resp: 1331682
Ion Ratio Lower Upper
276 100
277 23.8 18.5 27.7
138 22.9 19.5 29.3

