

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137382.D
 Acq On : 26 Feb 2024 13:17
 Operator : CG\JU
 Sample : PB159212BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159212BS

Quant Time: Feb 26 13:37:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	229331	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	948117	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	531443	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	946741	20.000	ng	0.00
76) Chrysene-d12	13.980	240	508241	20.000	ng	0.00
86) Perylene-d12	15.457	264	436313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1993135	134.106	ng	0.02
7) Phenol-d6	6.445	99	2772586	126.817	ng	0.00
23) Nitrobenzene-d5	7.363	82	1700533	89.544	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	688898	148.860	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2861366	83.823	ng	0.00
79) Terphenyl-d14	12.927	244	3291646	90.586	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	310419	38.127	ng	100
3) Pyridine	3.416	79	689954	33.800	ng	98
4) n-Nitrosodimethylamine	3.387	42	352383	45.317	ng	97
6) Aniline	6.469	93	661428	25.511	ng	94
8) 2-Chlorophenol	6.587	128	783200	49.132	ng	98
9) Benzaldehyde	6.351	77	169969	16.148	ng	96
10) Phenol	6.457	94	1089823	45.547	ng	96
11) bis(2-Chloroethyl)ether	6.540	93	796467	45.809	ng	97
12) 1,3-Dichlorobenzene	6.740	146	787757	46.018	ng	99
13) 1,4-Dichlorobenzene	6.816	146	815651	46.278	ng	99
14) 1,2-Dichlorobenzene	6.969	146	772283	47.372	ng	97
15) Benzyl Alcohol	6.945	79	706072	54.178	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1330302	46.033	ng	100
17) 2-Methylphenol	7.057	107	675930	44.815	ng	98
18) Hexachloroethane	7.304	117	280282	46.149	ng	95
19) n-Nitroso-di-n-propyla...	7.222	70	606874	45.046	ng	96
20) 3+4-Methylphenols	7.210	107	771271	44.865	ng	89
22) Acetophenone	7.210	105	1053363	45.816	ng	98
24) Nitrobenzene	7.381	77	902045	46.745	ng	94
25) Isophorone	7.622	82	1800794	45.853	ng	100
26) 2-Nitrophenol	7.698	139	362068	49.036	ng	98
27) 2,4-Dimethylphenol	7.739	122	597146	41.344	ng	97
28) bis(2-Chloroethoxy)met...	7.834	93	1053595	46.544	ng	99
29) 2,4-Dichlorophenol	7.939	162	663275	48.996	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	686196	47.225	ng	99
31) Naphthalene	8.098	128	2260212	44.422	ng	99
32) Benzoic acid	7.887	122	417729	47.371	ng	98
33) 4-Chloroaniline	8.151	127	263913	13.638	ng	97
34) Hexachlorobutadiene	8.216	225	391425	45.346	ng	99
35) Caprolactam	8.534	113	106256	25.381	ng	98
36) 4-Chloro-3-methylphenol	8.639	107	748252	48.755	ng	98
37) 2-Methylnaphthalene	8.792	142	1404823	42.848	ng	99
38) 1-Methylnaphthalene	8.892	142	1347572	43.473	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	673859	46.037	ng	99
41) Hexachlorocyclopentadiene	8.945	237	665198	100.233	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	476037	50.158	ng	97

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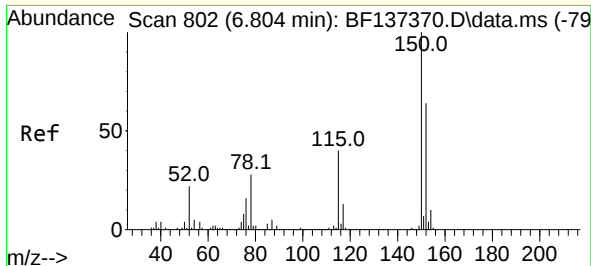
Quant Time: Feb 26 13:37:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	495810	45.537	ng	98
46) 1,1'-Biphenyl	9.257	154	1744635	45.073	ng	99
47) 2-Chloronaphthalene	9.281	162	1378624	47.163	ng	99
48) 2-Nitroaniline	9.386	65	436222	49.034	ng	92
49) Acenaphthylene	9.698	152	2238081	47.125	ng	99
50) Dimethylphthalate	9.569	163	1695068	46.159	ng	99
51) 2,6-Dinitrotoluene	9.628	165	351170	51.403	ng	91
52) Acenaphthene	9.869	154	1257980	44.373	ng	99
53) 3-Nitroaniline	9.798	138	224946	29.759	ng	99
54) 2,4-Dinitrophenol	9.904	184	348390	100.896	ng	97
55) Dibenzofuran	10.045	168	1939303	44.260	ng	99
56) 4-Nitrophenol	9.969	139	560130	95.781	ng	96
57) 2,4-Dinitrotoluene	10.033	165	441512	51.048	ng	98
58) Fluorene	10.386	166	1460997	43.661	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	444107	49.255	ng	94
60) Diethylphthalate	10.269	149	1602680	46.745	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	712591	43.291	ng	99
62) 4-Nitroaniline	10.422	138	316870	44.228	ng	98
63) Azobenzene	10.539	77	1861797	45.387	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	224907	48.528	ng	98
66) n-Nitrosodiphenylamine	10.504	169	1351572	43.957	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	465523	45.739	ng	99
68) Hexachlorobenzene	10.933	284	499508	47.443	ng	98
69) Atrazine	11.039	200	387734	46.727	ng	99
70) Pentachlorophenol	11.133	266	611852	91.722	ng	98
71) Phenanthrene	11.351	178	2261224	43.291	ng	100
72) Anthracene	11.404	178	2279563	42.348	ng	98
73) Carbazole	11.563	167	2029750	44.133	ng	99
74) Di-n-butylphthalate	11.898	149	2376649	51.645	ng	100
75) Fluoranthene	12.545	202	2220086	43.543	ng	99
77) Benzidine	12.674	184	197663	26.421	ng	96
78) Pyrene	12.774	202	2237028	46.548	ng	99
80) Butylbenzylphthalate	13.404	149	423251	56.283	ng	96
81) Benzo(a)anthracene	13.968	228	1630314	46.227	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	327249	40.652	ng	99
83) Chrysene	14.010	228	1624936	45.103	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	546186	56.481	ng	98
85) Di-n-octyl phthalate	14.586	149	972314	56.156	ng	94
87) Indeno(1,2,3-cd)pyrene	16.968	276	1511014	49.936	ng	99
88) Benzo(b)fluoranthene	15.027	252	1281048	47.862	ng	99
89) Benzo(k)fluoranthene	15.057	252	1341531	47.821	ng	99
90) Benzo(a)pyrene	15.398	252	1200187	47.273	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	1229032	49.599	ng	97
92) Benzo(g,h,i)perylene	17.427	276	1229636	48.047	ng	99

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

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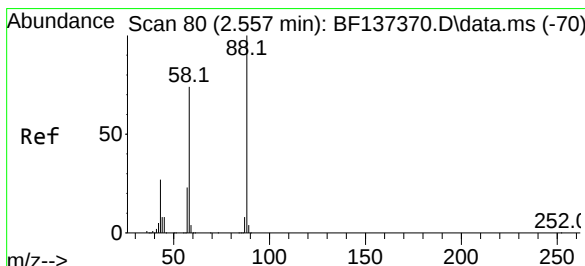
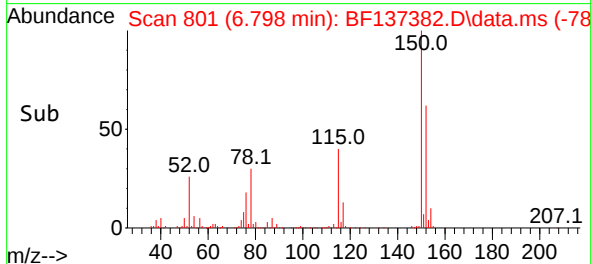
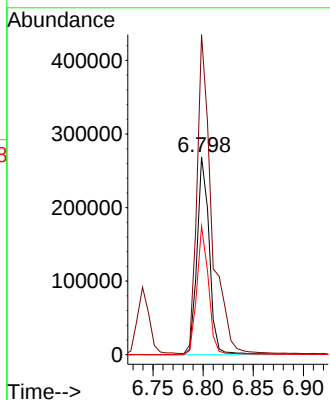
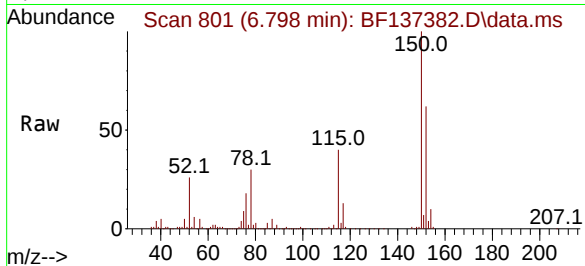




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF137382.D
 Acq: 26 Feb 2024 13:17

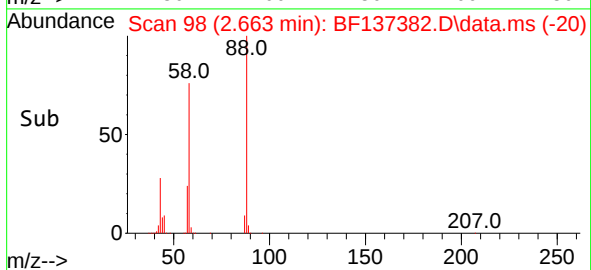
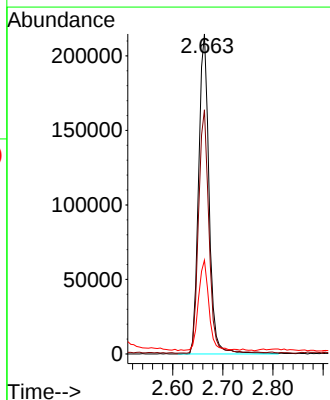
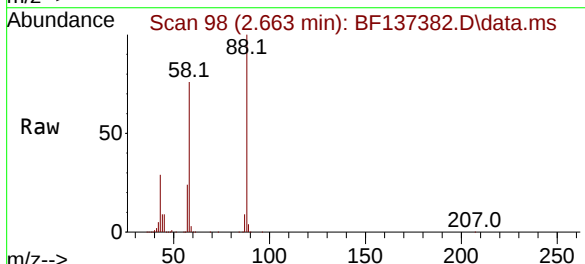
Instrument :
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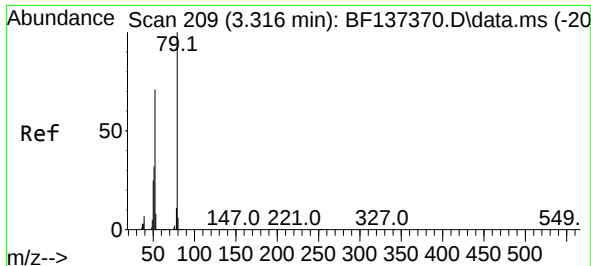
Tgt Ion:152 Resp: 229331
 Ion Ratio Lower Upper
 152 100
 150 161.9 125.7 188.5
 115 65.0 49.8 74.8



#2
 1,4-Dioxane
 Concen: 38.127 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.106 min
 Lab File: BF137382.D
 Acq: 26 Feb 2024 13:17

Tgt Ion: 88 Resp: 310419
 Ion Ratio Lower Upper
 88 100
 58 75.5 60.6 91.0
 43 27.7 22.0 33.0

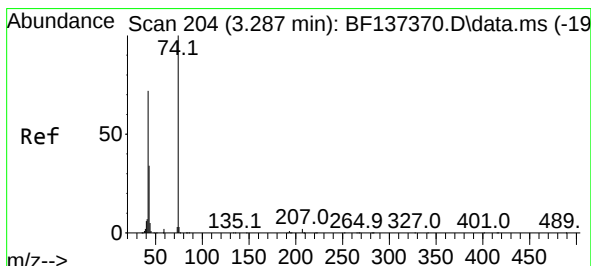
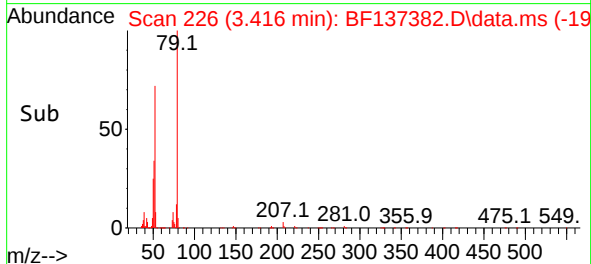
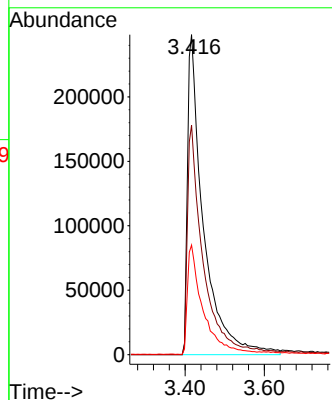
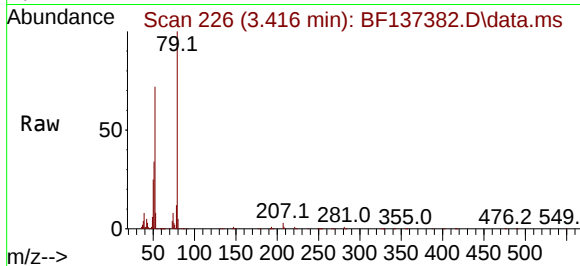




#3
 Pyridine
 Concen: 33.800 ng
 RT: 3.416 min Scan# 21
 Delta R.T. 0.100 min
 Lab File: BF137382.D
 Acq: 26 Feb 2024 13:17

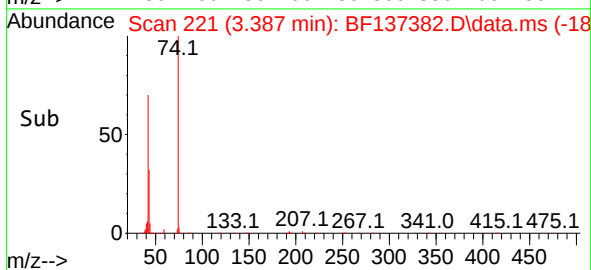
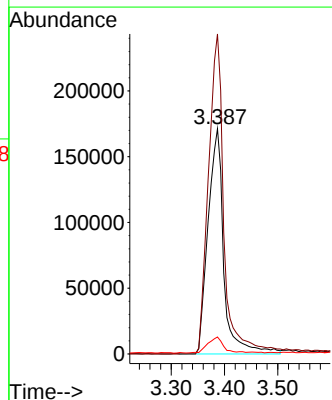
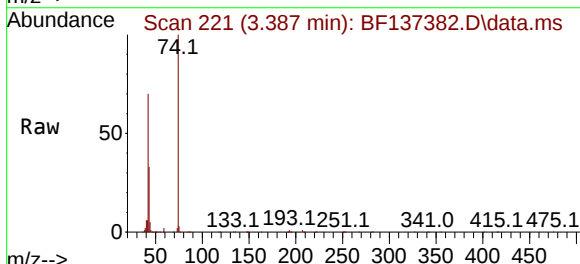
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 ClientSampleId :
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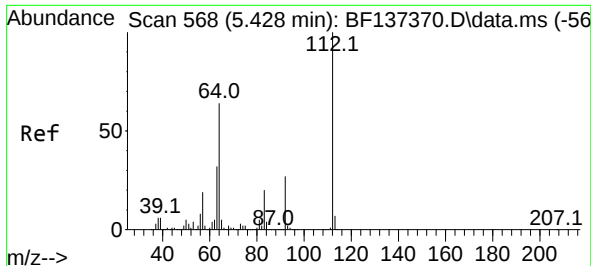
Tgt Ion: 79 Resp: 689954
 Ion Ratio Lower Upper
 79 100
 52 71.8 56.5 84.7
 51 34.2 26.2 39.2



#4
 n-Nitrosodimethylamine
 Concen: 45.317 ng
 RT: 3.387 min Scan# 221
 Delta R.T. 0.100 min
 Lab File: BF137382.D
 Acq: 26 Feb 2024 13:17

Tgt Ion: 42 Resp: 352383
 Ion Ratio Lower Upper
 42 100
 74 142.1 110.8 166.2
 44 7.5 6.0 9.0

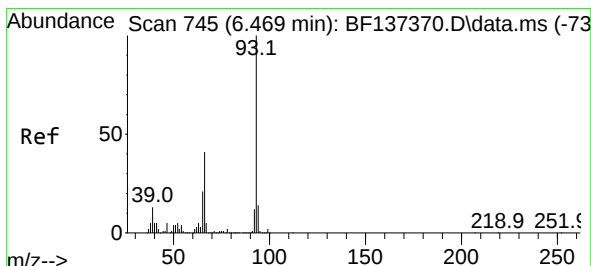
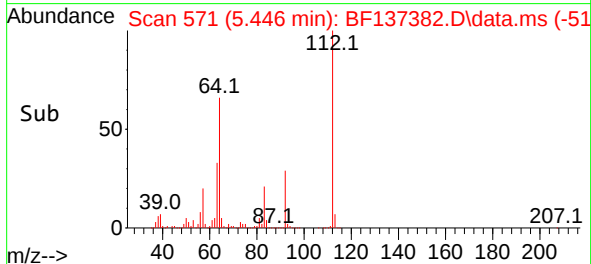
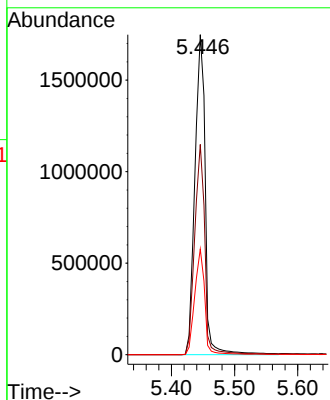
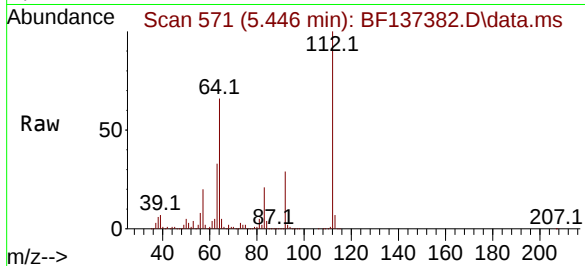




#5
2-Fluorophenol
Concen: 134.106 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

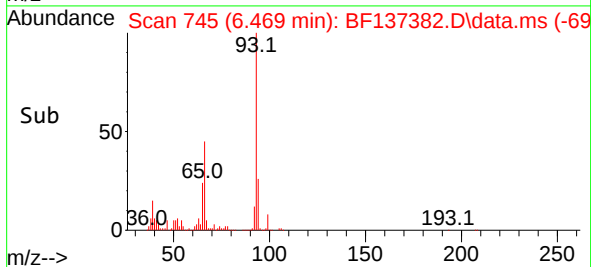
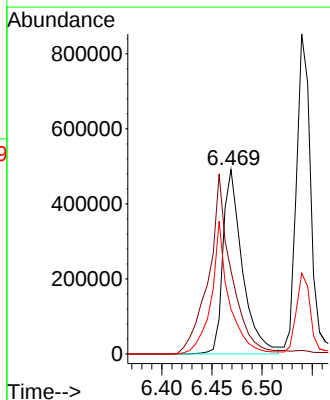
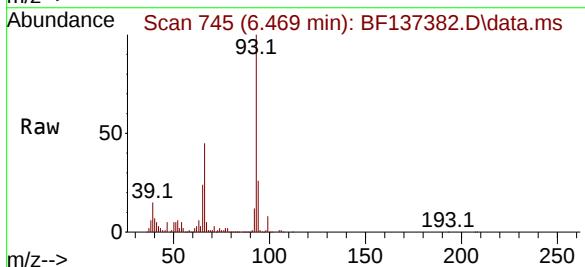
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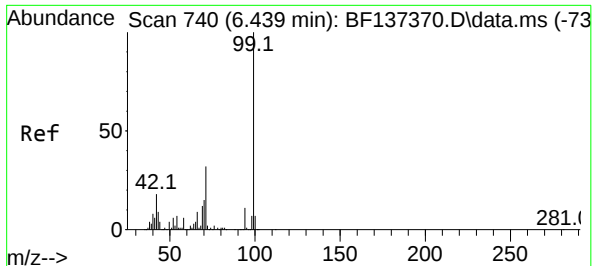
Tgt Ion:112 Resp: 1993135
Ion Ratio Lower Upper
112 100
64 65.7 51.0 76.6
63 33.0 25.7 38.5



#6
Aniline
Concen: 25.511 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion: 93 Resp: 661428
Ion Ratio Lower Upper
93 100
66 45.0 33.0 49.4
65 24.2 17.0 25.6





#7

Phenol-d6

Concen: 126.817 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

Instrument :

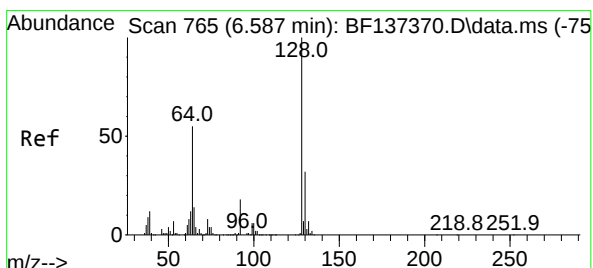
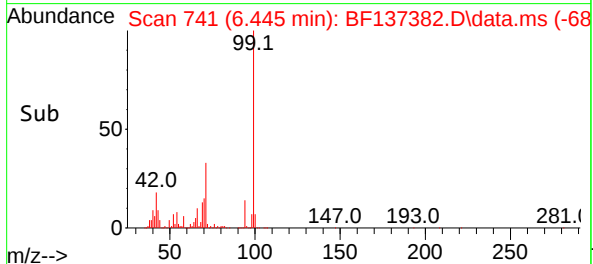
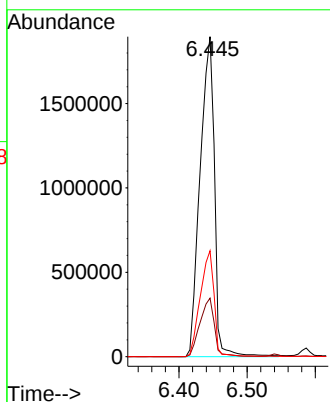
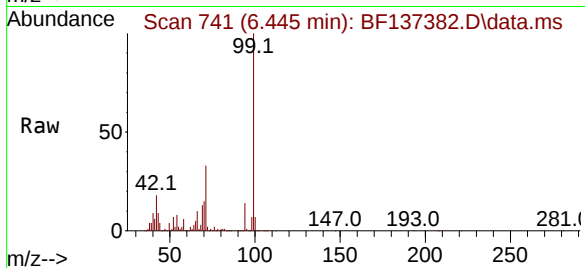
BNA_F

ClientSampleId :

PB159212BS

Tgt Ion: 99 Resp: 2772586

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.2	21.4
71	33.1	25.2	37.8



#8

2-Chlorophenol

Concen: 49.132 ng

RT: 6.587 min Scan# 765

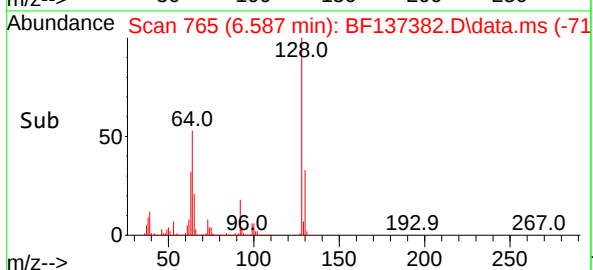
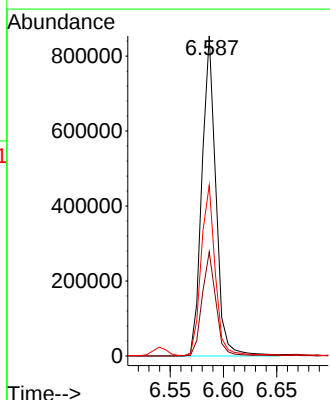
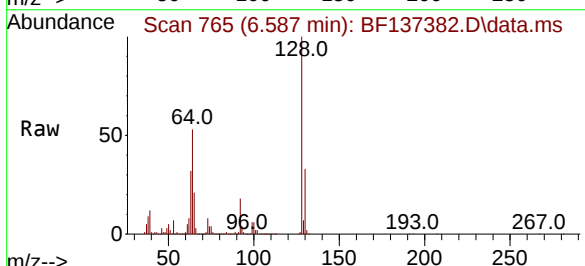
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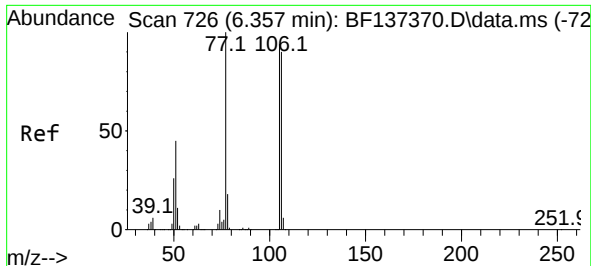
Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

Tgt Ion: 128 Resp: 783200

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.1	52.1
64	53.4	35.3	75.3

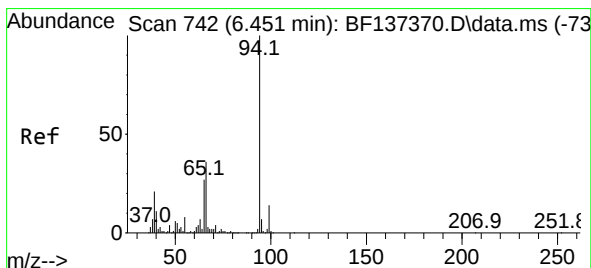
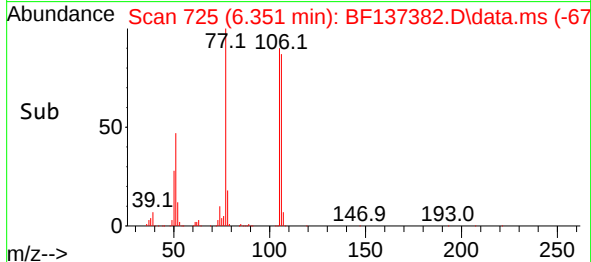
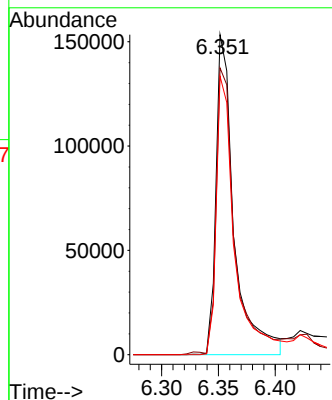
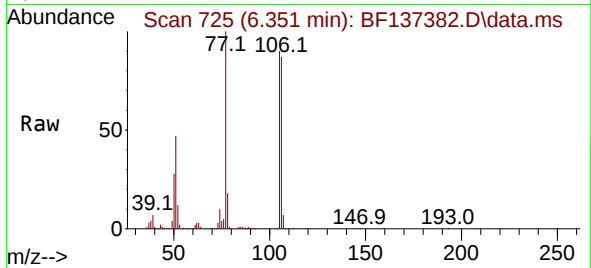




#9
Benzaldehyde
Concen: 16.148 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

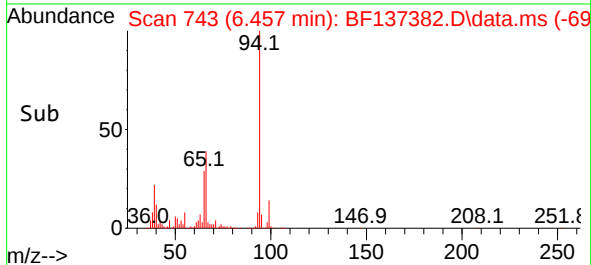
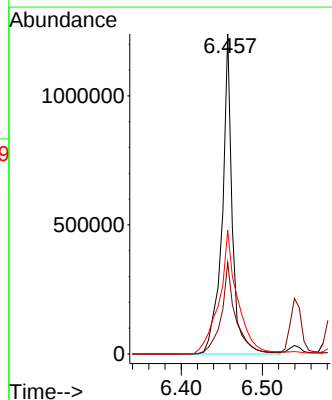
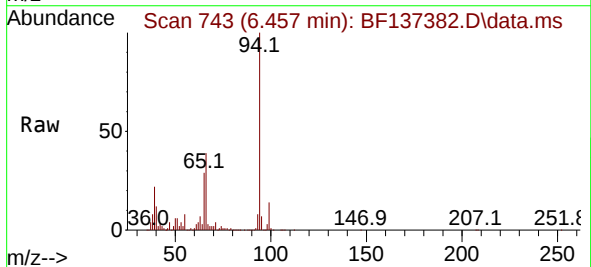
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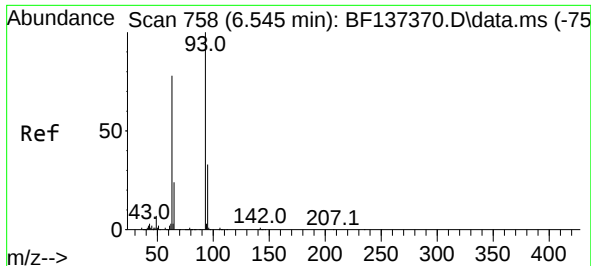
Tgt Ion: 77 Resp: 169969
Ion Ratio Lower Upper
77 100
105 89.6 74.1 114.1
106 87.0 70.2 110.2



#10
Phenol
Concen: 45.547 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion: 94 Resp: 1089823
Ion Ratio Lower Upper
94 100
65 28.5 7.4 47.4
66 38.7 15.6 55.6

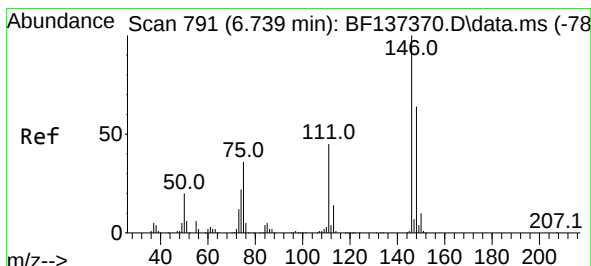
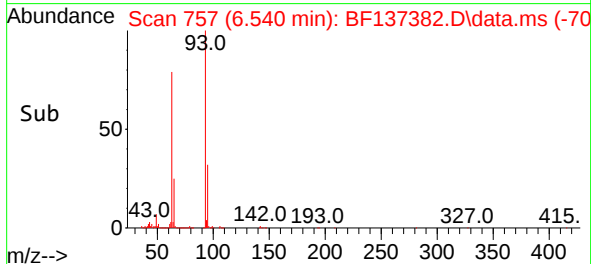
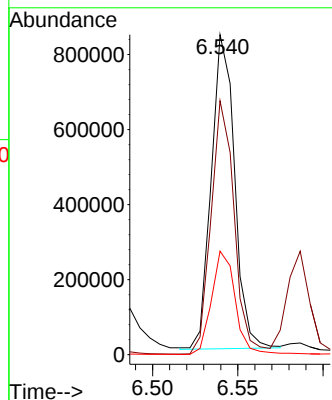
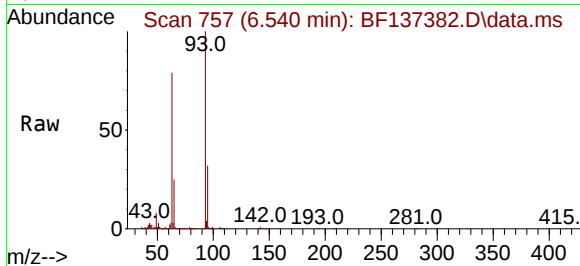




#11
bis(2-Chloroethyl)ether
Concen: 45.809 ng
RT: 6.540 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

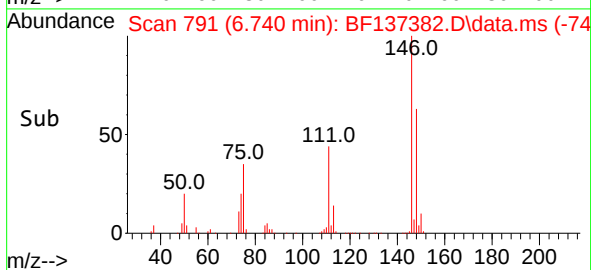
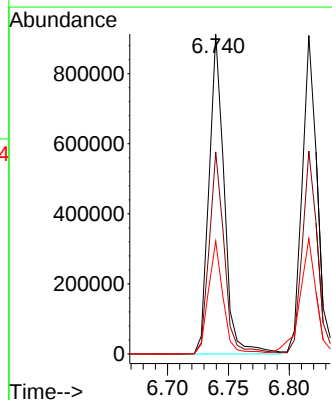
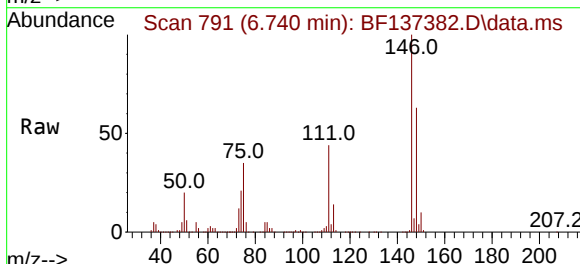
Instrument :
BNA_F
ClientSampleId :
PB159212BS

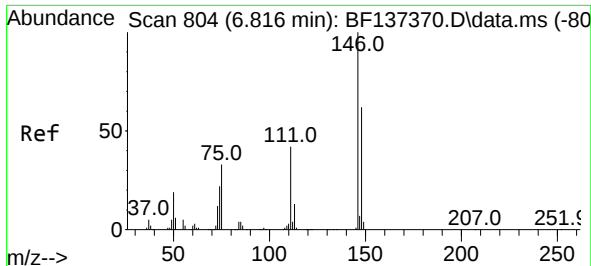
Tgt Ion: 93 Resp: 796467
Ion Ratio Lower Upper
93 100
63 79.3 56.1 96.1
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 46.018 ng
RT: 6.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:146 Resp: 787757
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
75 35.2 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 46.278 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

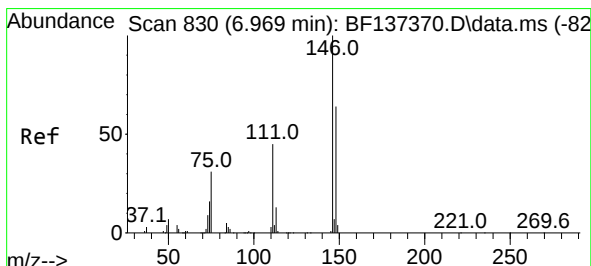
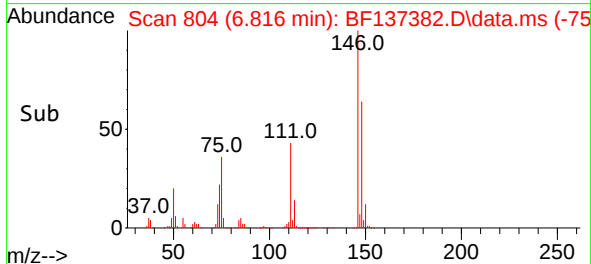
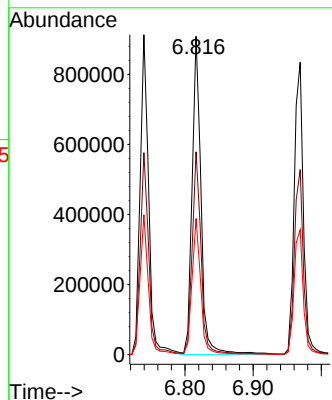
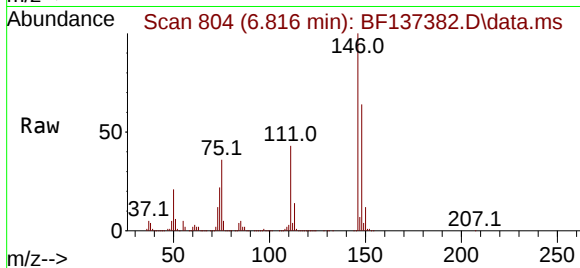
Tgt Ion:146 Resp: 815651

Ion Ratio Lower Upper

146 100

148 63.7 49.9 74.9

111 42.7 34.3 51.5



#14

1,2-Dichlorobenzene

Concen: 47.372 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

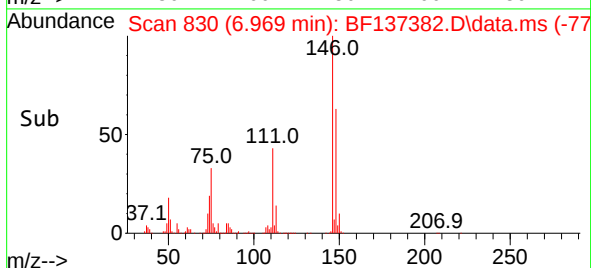
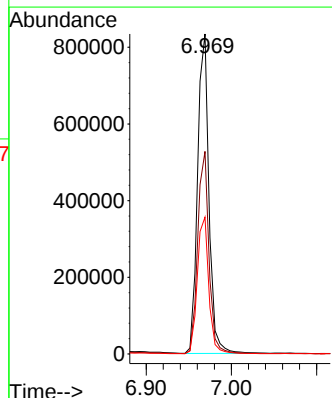
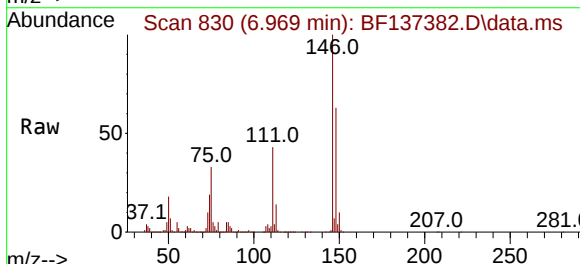
Tgt Ion:146 Resp: 772283

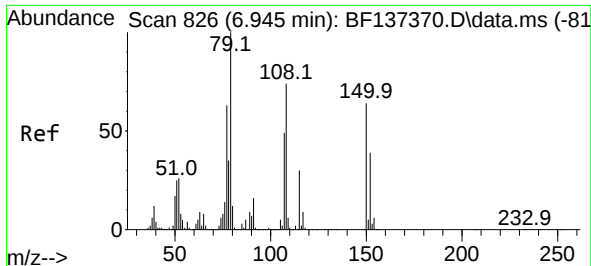
Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.0

111 42.7 36.6 54.8

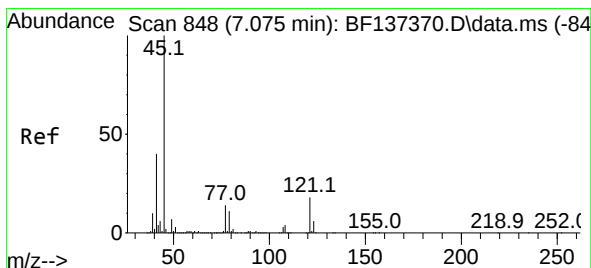
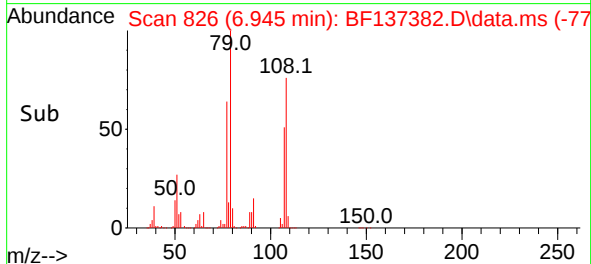
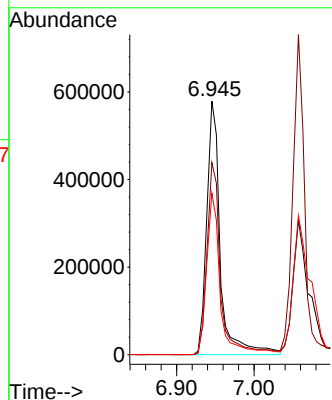
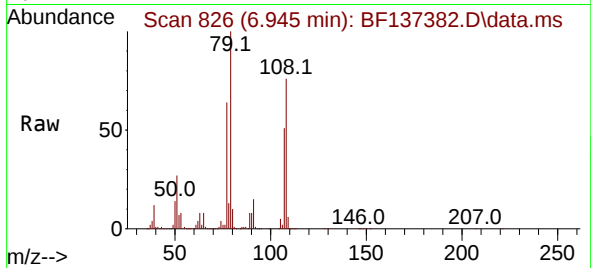




#15
Benzyl Alcohol
Concen: 54.178 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

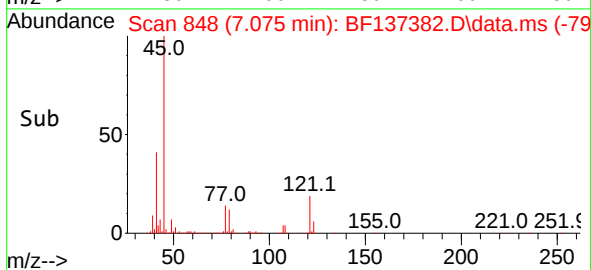
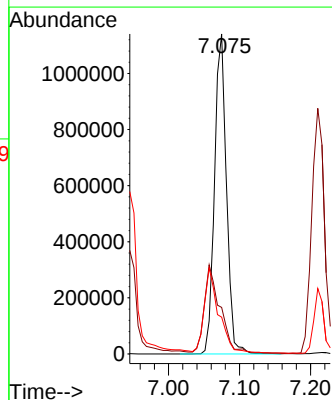
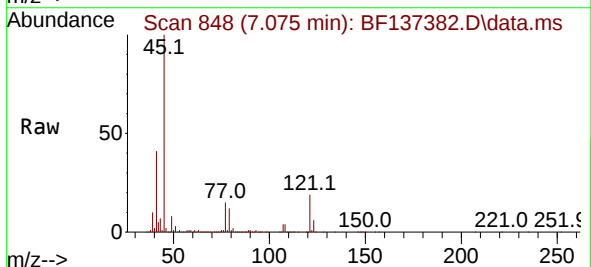
Instrument :
BNA_F
ClientSampleId :
PB159212BS

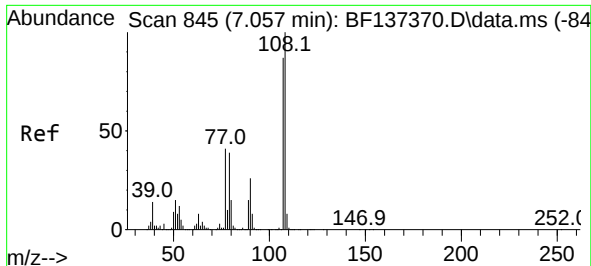
Tgt Ion: 79 Resp: 706072
Ion Ratio Lower Upper
79 100
108 75.8 59.5 89.3
77 63.7 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.033 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion: 45 Resp: 1330302
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.6
79 11.5 0.0 31.6

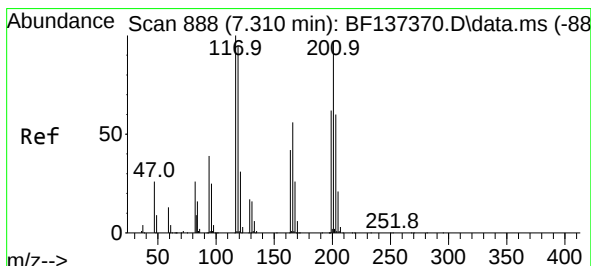
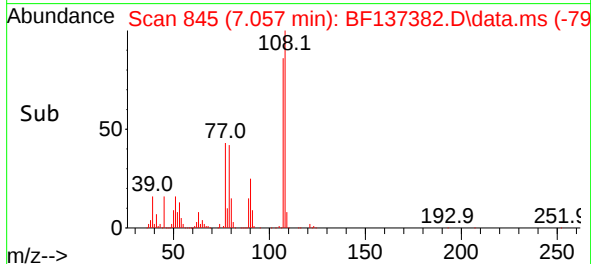
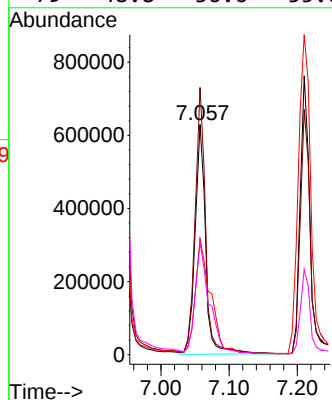
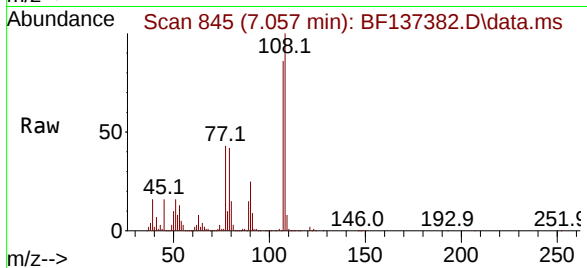




#17
2-Methylphenol
Concen: 44.815 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

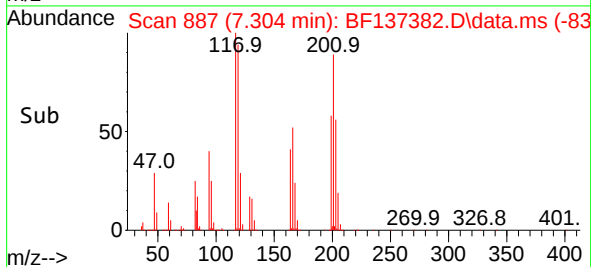
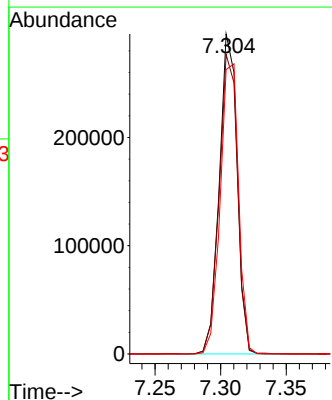
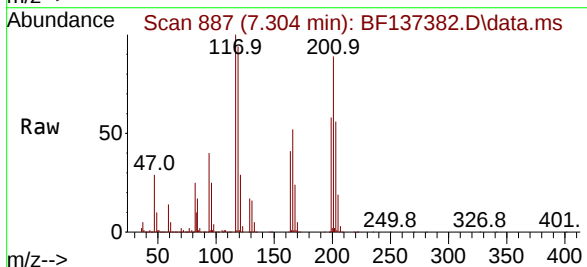
Instrument :
BNA_F
ClientSampleId :
PB159212BS

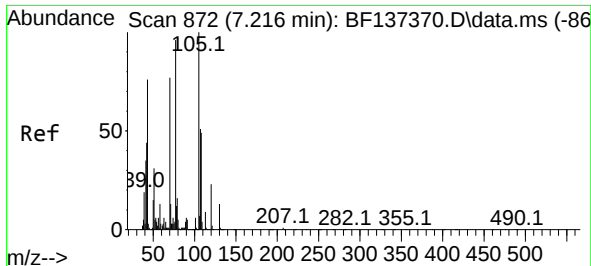
Tgt Ion:	107	Resp:	675930
Ion	Ratio	Lower	Upper
107	100		
108	116.1	92.2	138.4
77	50.5	38.1	57.1
79	48.8	36.6	55.0



#18
Hexachloroethane
Concen: 46.149 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:	117	Resp:	280282
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.2	114.4
201	88.9	77.6	116.4

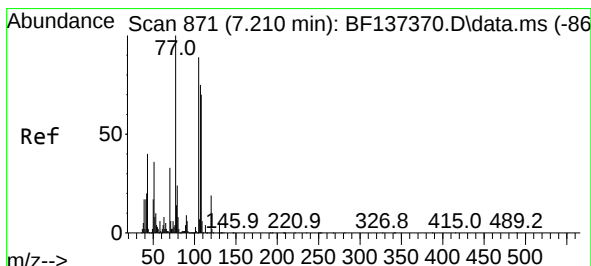
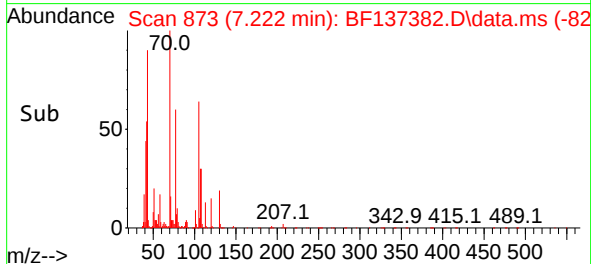
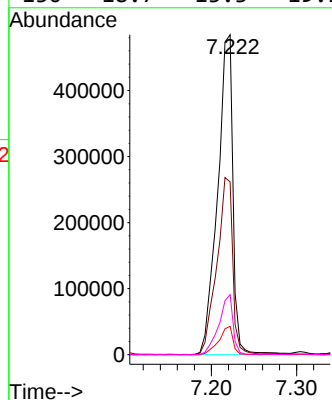
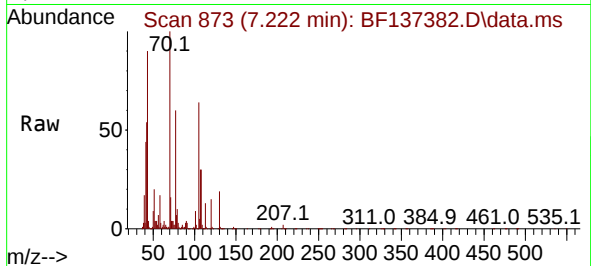




#19
n-Nitroso-di-n-propylamine
Concen: 45.046 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

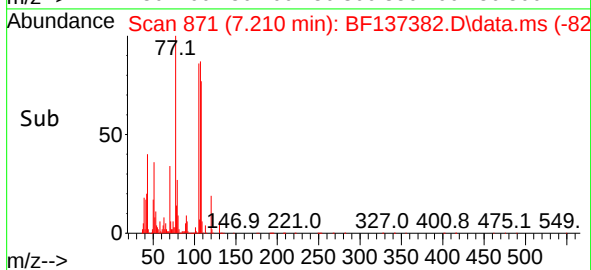
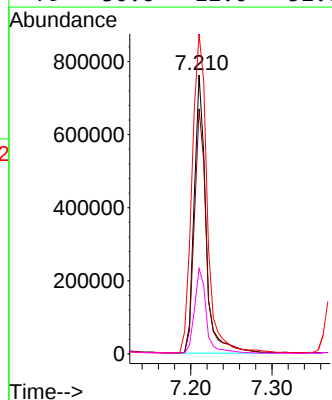
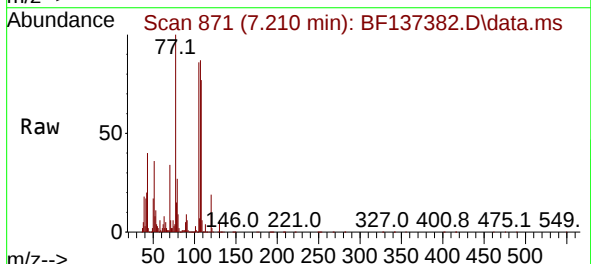
Instrument :
BNA_F
ClientSampleId :
PB159212BS

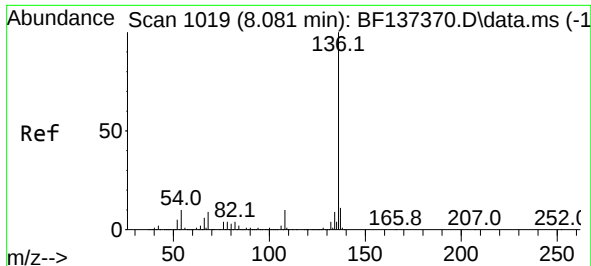
Tgt Ion: 70 Resp: 606874
Ion Ratio Lower Upper
70 100
42 54.0 45.3 67.9
101 8.9 6.5 9.7
130 18.7 13.3 19.9



#20
3+4-Methylphenols
Concen: 44.865 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion: 107 Resp: 771271
Ion Ratio Lower Upper
107 100
108 87.9 73.1 113.1
77 114.7 113.6 153.6
79 30.6 12.0 52.0

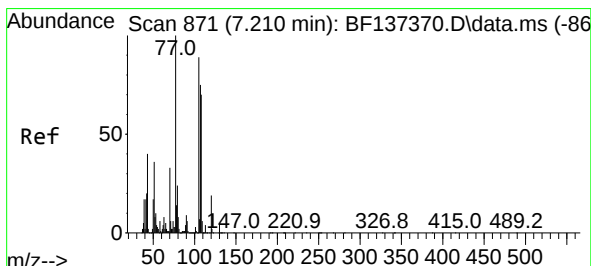
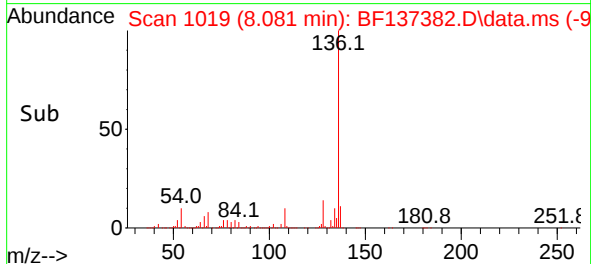
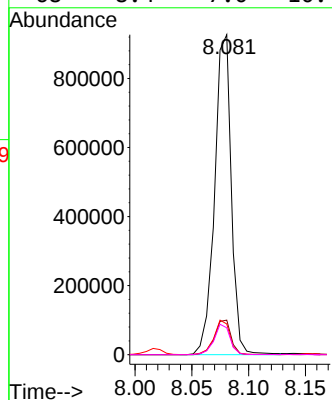
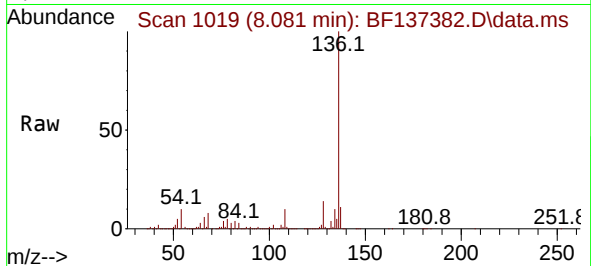




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

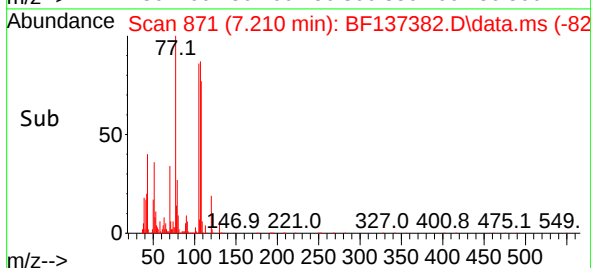
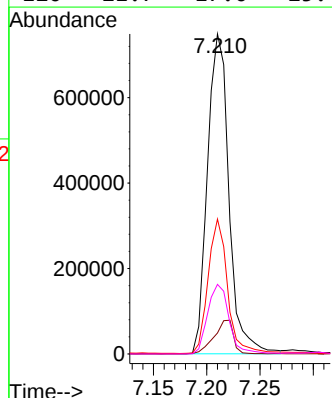
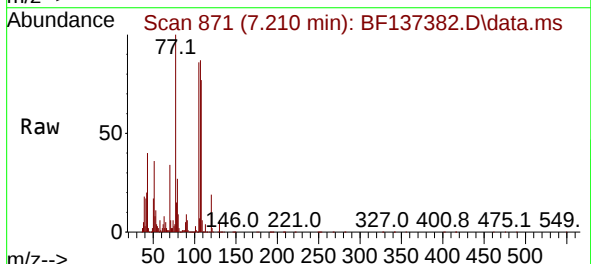
Instrument :
BNA_F
ClientSampleId :
PB159212BS

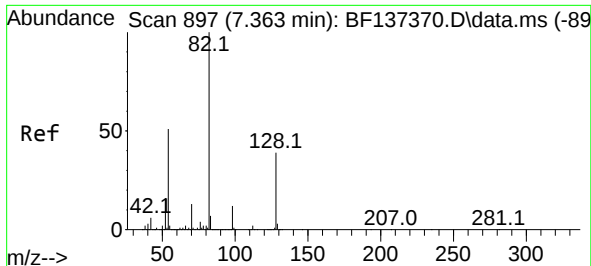
Tgt Ion:	136	Resp:	948117
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	9.6	7.8	11.6
68	8.4	7.0	10.4



#22
Acetophenone
Concen: 45.816 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:	105	Resp:	1053363
Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.0	7.6
51	42.1	32.2	48.4
120	21.7	17.0	25.4





#23

Nitrobenzene-d5

Concen: 89.544 ng

RT: 7.363 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

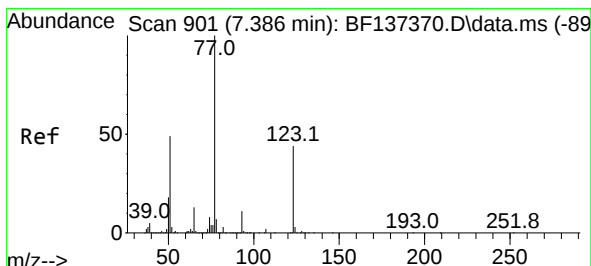
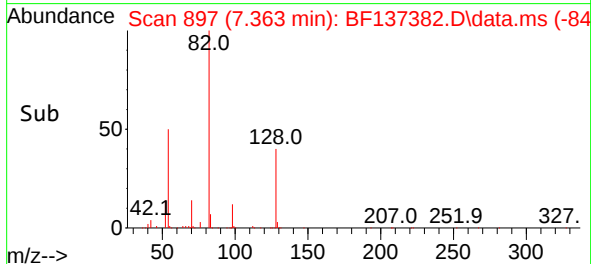
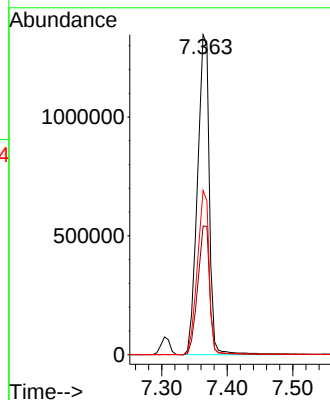
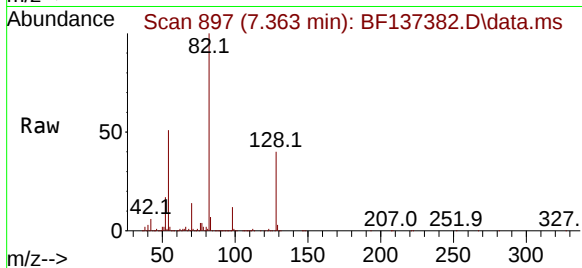
Tgt Ion: 82 Resp: 1700533

Ion Ratio Lower Upper

82 100

128 40.2 30.8 46.2

54 51.3 40.8 61.2



#24

Nitrobenzene

Concen: 46.745 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

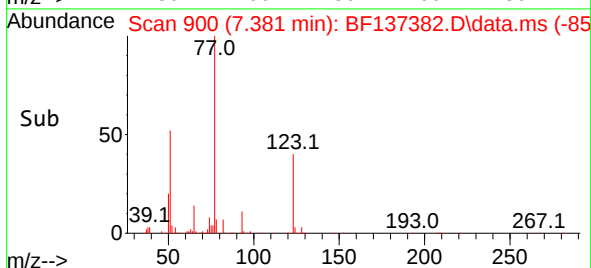
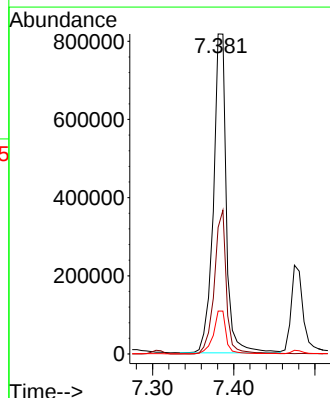
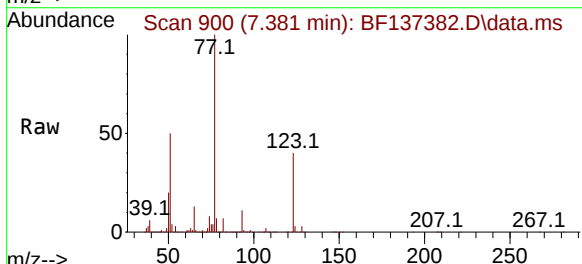
Tgt Ion: 77 Resp: 902045

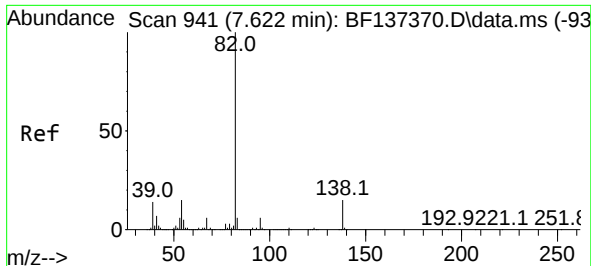
Ion Ratio Lower Upper

77 100

123 39.6 35.4 53.0

65 13.4 10.3 15.5

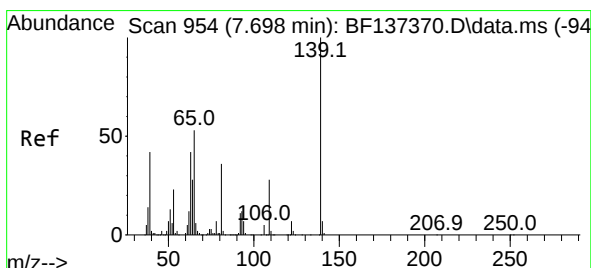
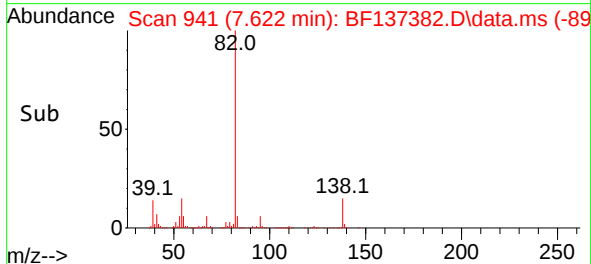
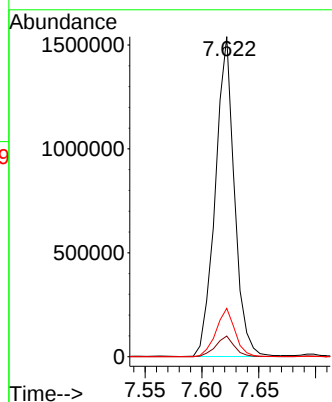
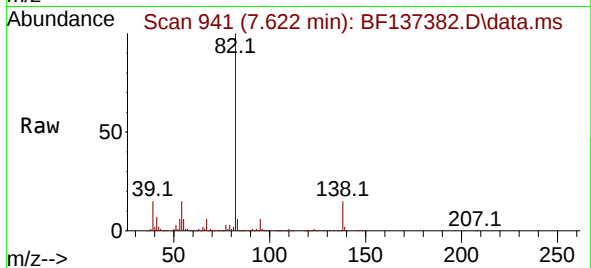




#25
Isophorone
Concen: 45.853 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

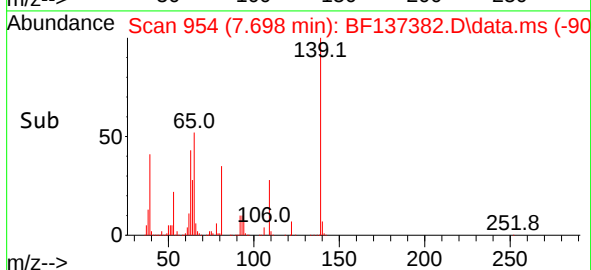
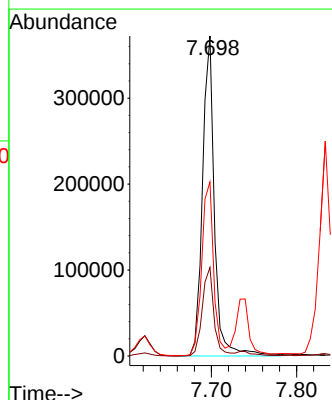
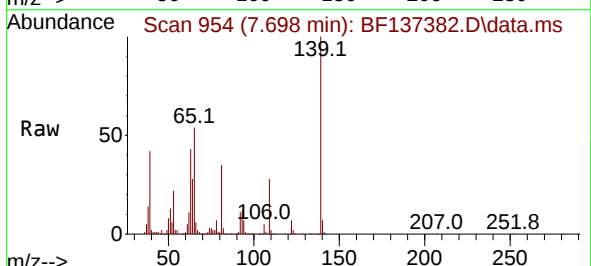
Instrument :
BNA_F
ClientSampleId :
PB159212BS

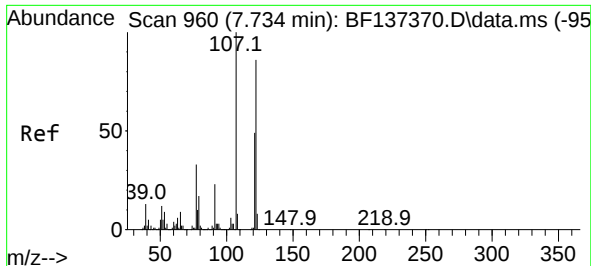
Tgt Ion: 82 Resp: 1800794
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 15.1 12.2 18.4



#26
2-Nitrophenol
Concen: 49.036 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion: 139 Resp: 362068
Ion Ratio Lower Upper
139 100
109 27.7 22.5 33.7
65 54.4 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 41.344 ng

RT: 7.739 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

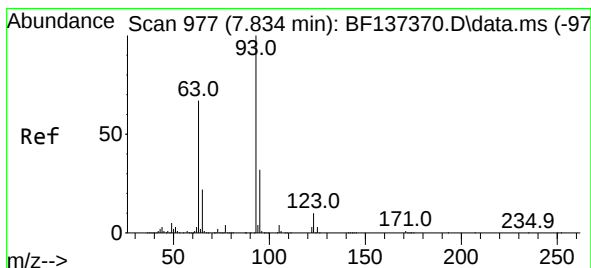
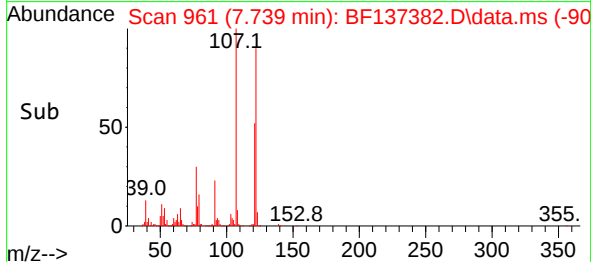
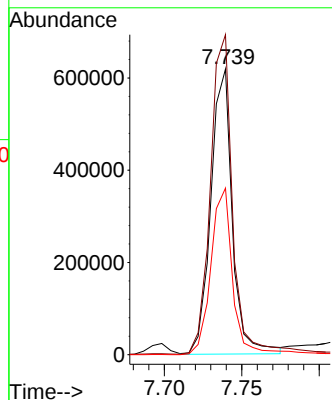
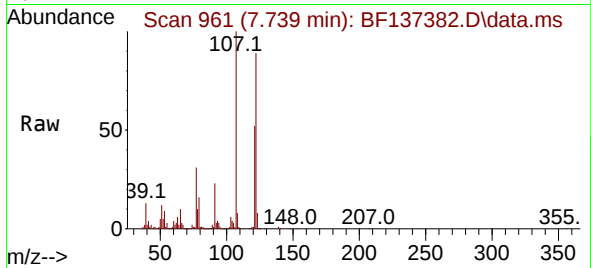
Tgt Ion:122 Resp: 597146

Ion Ratio Lower Upper

122 100

107 112.1 92.7 139.1

121 58.4 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.544 ng

RT: 7.834 min Scan# 977

Delta R.T. 0.000 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

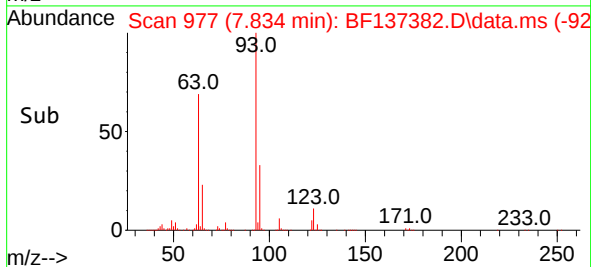
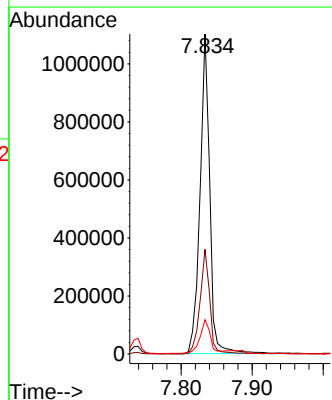
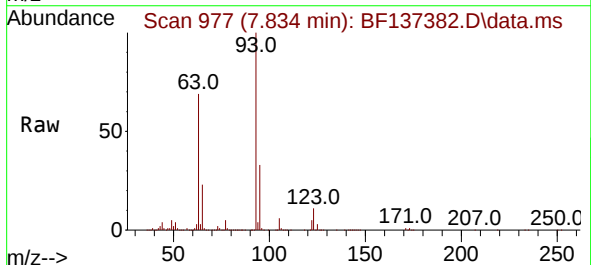
Tgt Ion: 93 Resp: 1053595

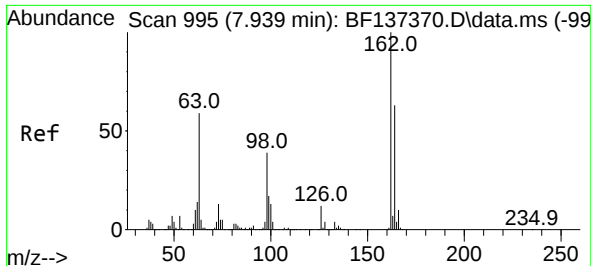
Ion Ratio Lower Upper

93 100

95 32.7 25.9 38.9

123 10.7 8.2 12.4

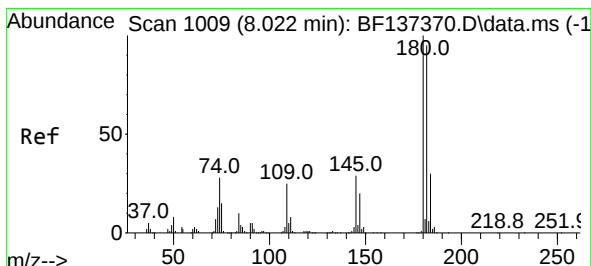
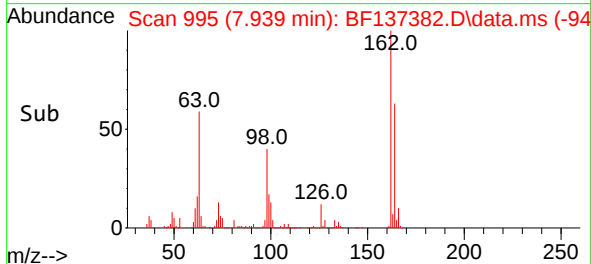
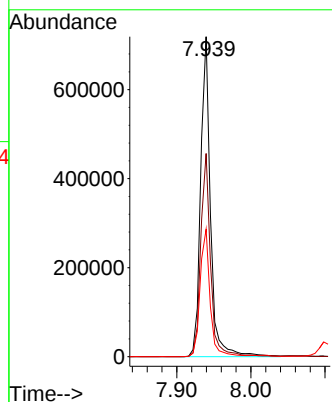
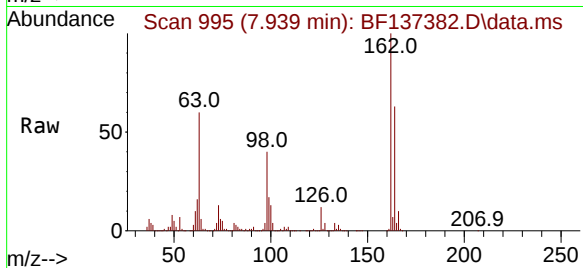




#29
2,4-Dichlorophenol
Concen: 48.996 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

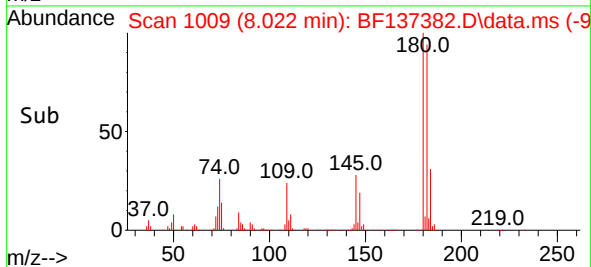
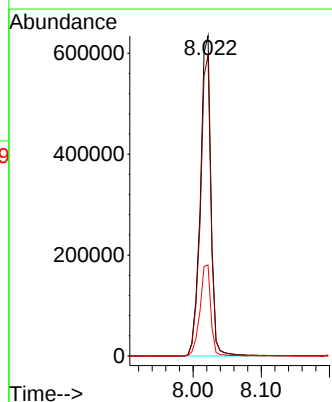
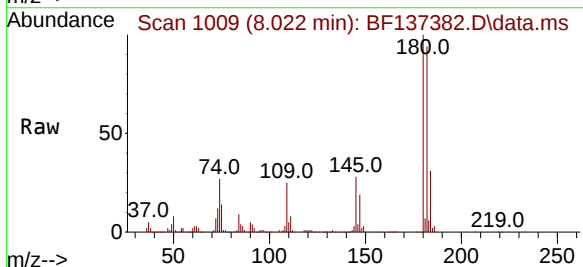
Instrument :
BNA_F
ClientSampleId :
PB159212BS

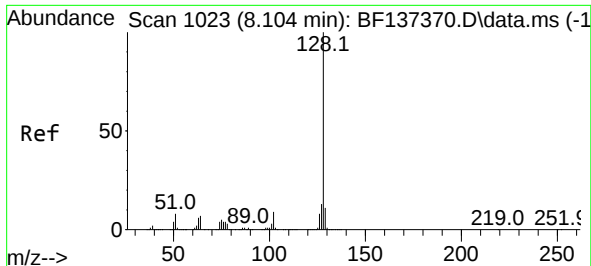
Tgt Ion:162 Resp: 663275
Ion Ratio Lower Upper
162 100
164 63.5 43.1 83.1
98 39.9 19.0 59.0



#30
1,2,4-Trichlorobenzene
Concen: 47.225 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:180 Resp: 686196
Ion Ratio Lower Upper
180 100
182 93.9 75.8 113.6
145 28.4 23.4 35.0

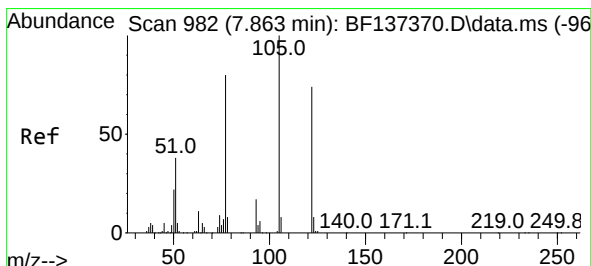
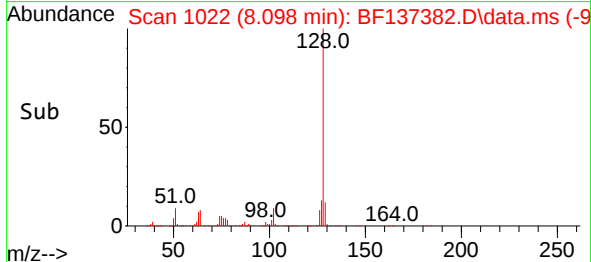
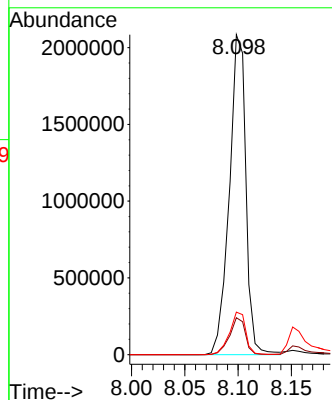
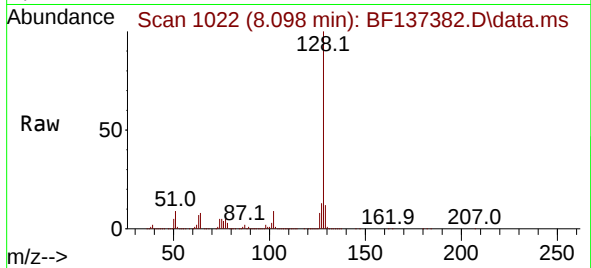




#31
Naphthalene
Concen: 44.422 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

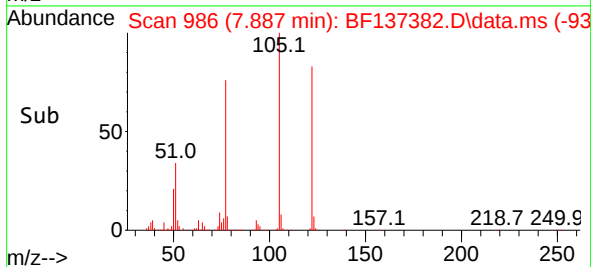
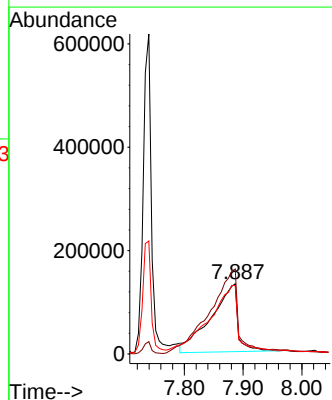
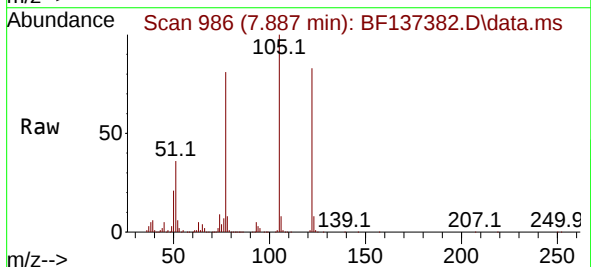
Instrument :
BNA_F
ClientSampleId :
PB159212BS

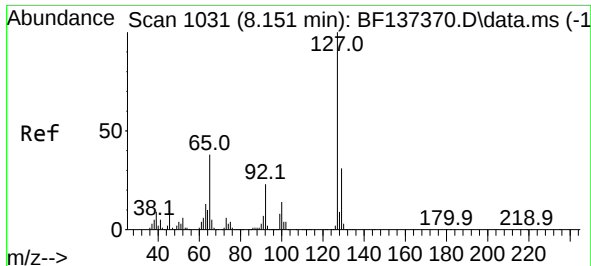
Tgt Ion:128 Resp: 2260212
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 47.371 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.024 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:122 Resp: 417729
Ion Ratio Lower Upper
122 100
105 121.0 101.1 141.1
77 97.5 82.8 122.8



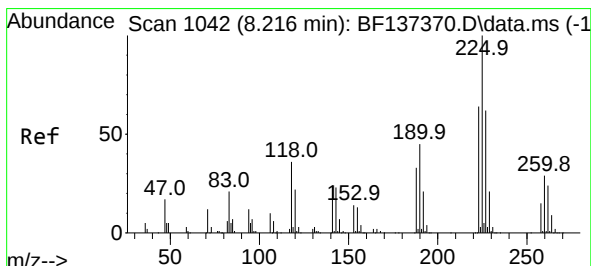
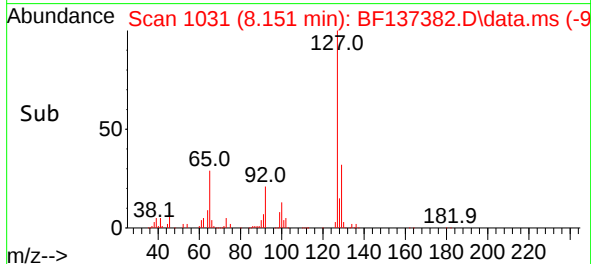
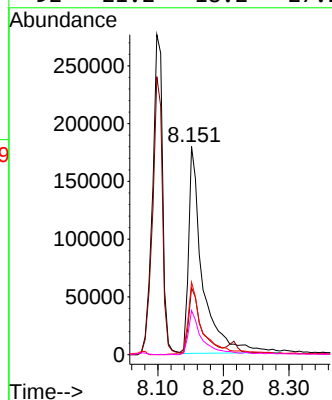
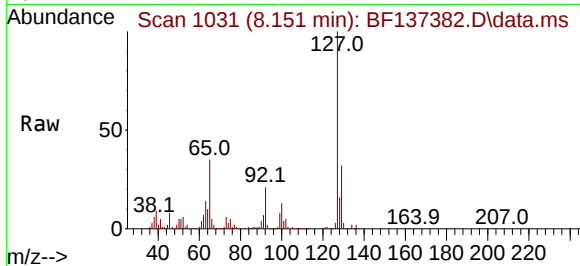


#33
4-Chloroaniline
Concen: 13.638 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB159212BS

Tgt Ion:127 Resp: 263913

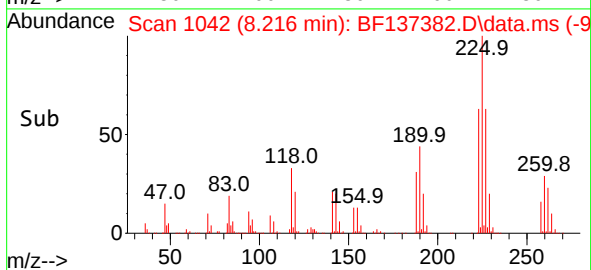
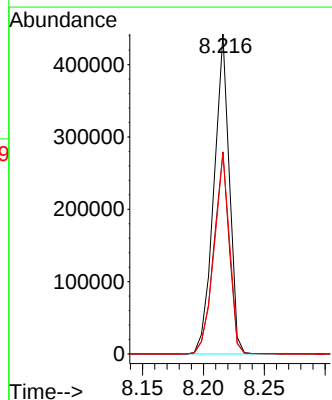
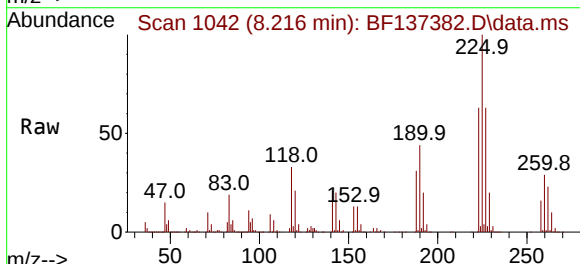
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.0	37.6
65	34.8	30.4	45.6
92	21.2	18.2	27.2

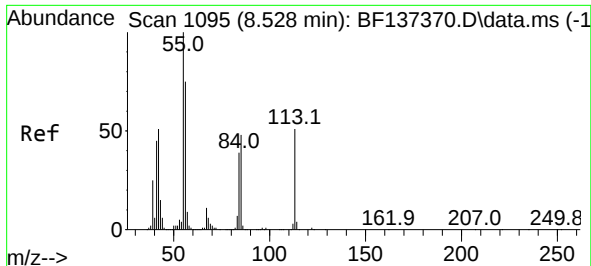


#34
Hexachlorobutadiene
Concen: 45.346 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:225 Resp: 391425

Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.0
227	62.9	49.8	74.6

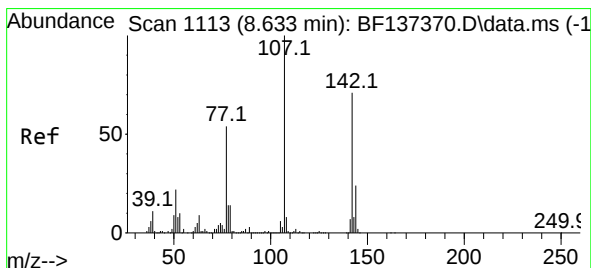
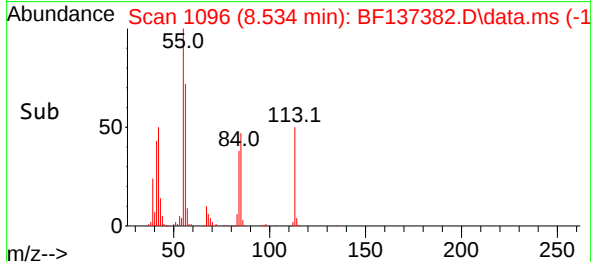
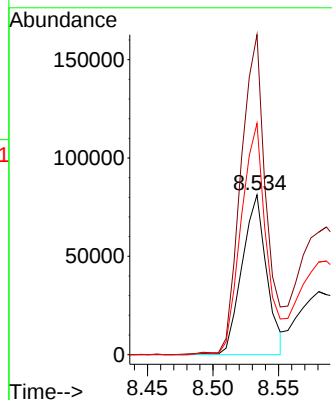
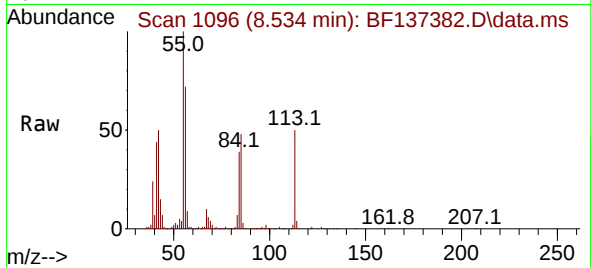




#35
Caprolactam
Concen: 25.381 ng
RT: 8.534 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

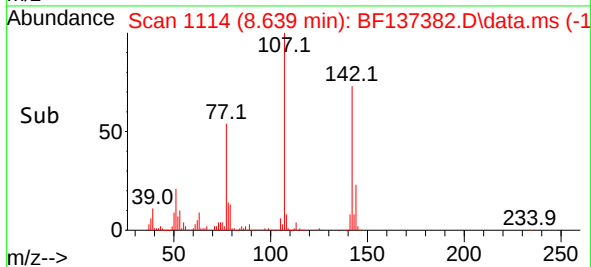
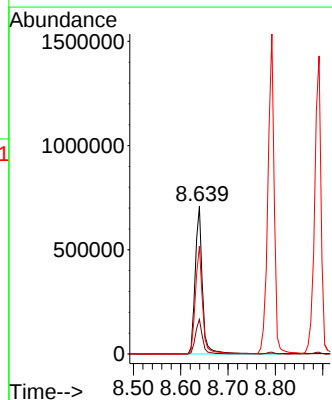
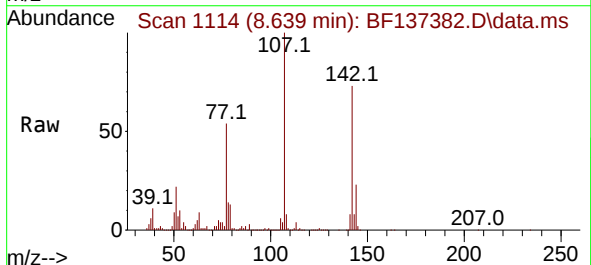
Instrument :
BNA_F
ClientSampleId :
PB159212BS

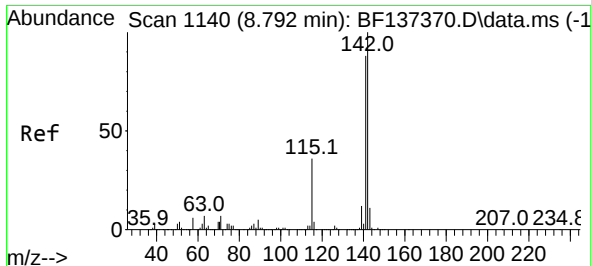
Tgt Ion:113 Resp: 106256
Ion Ratio Lower Upper
113 100
55 200.1 176.3 216.3
56 144.6 127.6 167.6



#36
4-Chloro-3-methylphenol
Concen: 48.755 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:107 Resp: 748252
Ion Ratio Lower Upper
107 100
144 23.4 18.9 28.3
142 73.1 56.6 85.0





#37

2-Methylnaphthalene

Concen: 42.848 ng

RT: 8.792 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

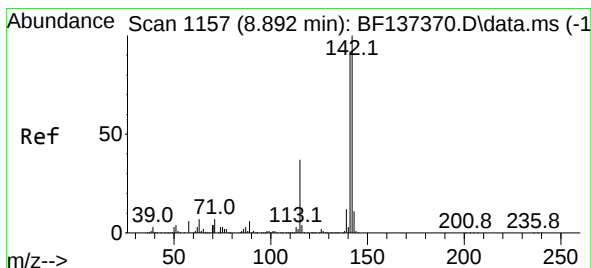
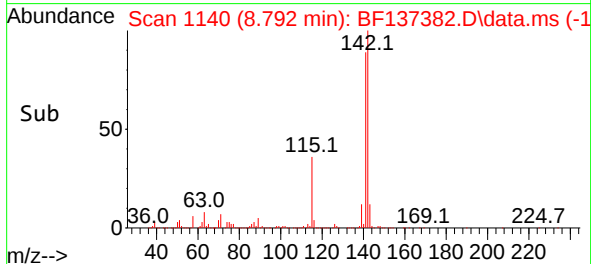
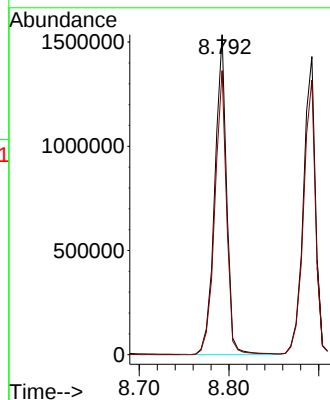
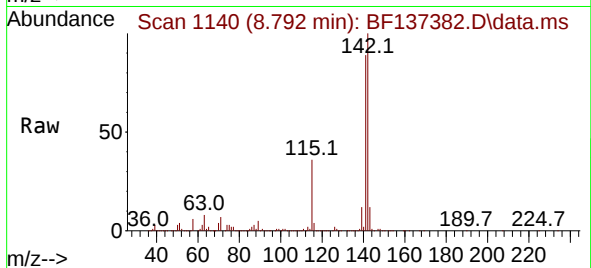
PB159212BS

Tgt Ion:142 Resp: 1404823

Ion Ratio Lower Upper

142 100

141 88.8 70.3 105.5



#38

1-Methylnaphthalene

Concen: 43.473 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF137382.D

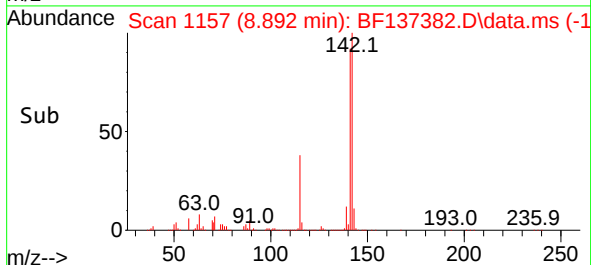
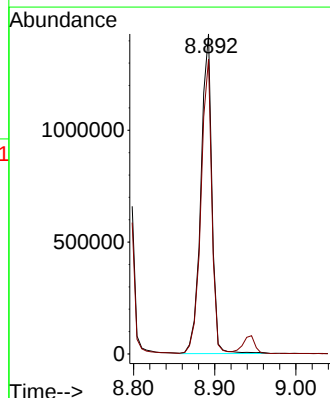
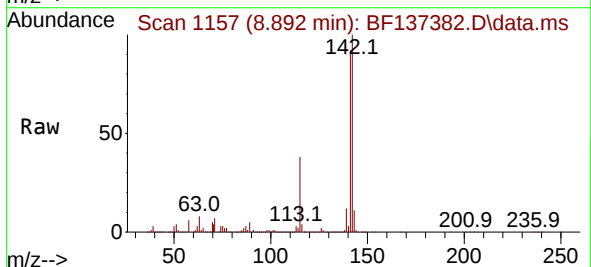
Acq: 26 Feb 2024 13:17

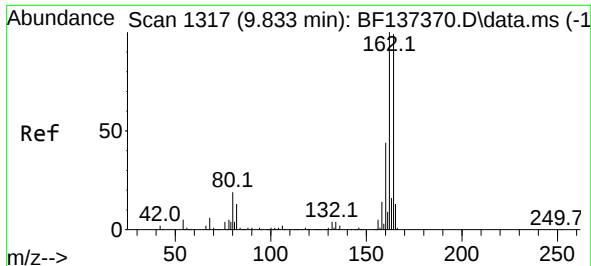
Tgt Ion:142 Resp: 1347572

Ion Ratio Lower Upper

142 100

141 92.1 73.2 109.8

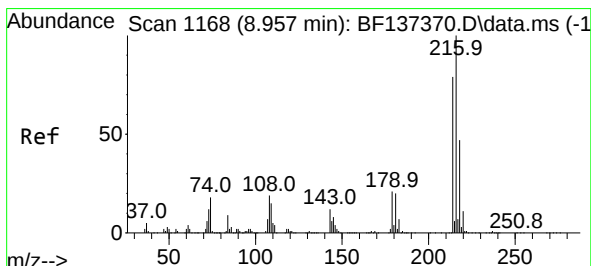
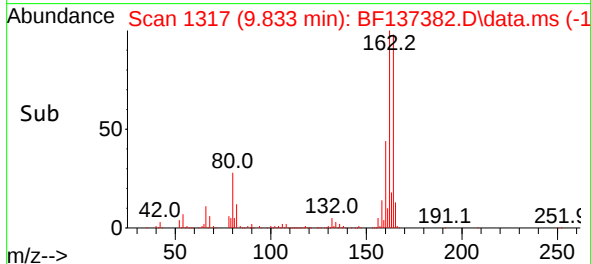
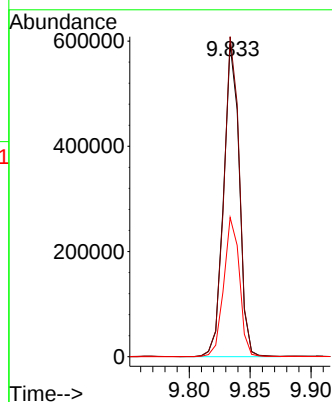
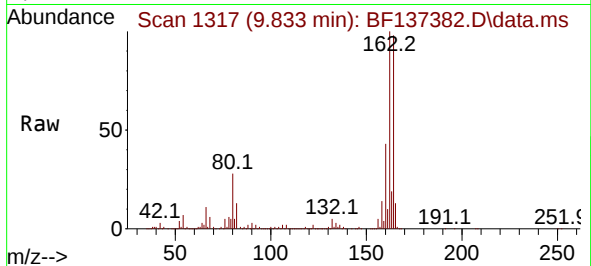




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

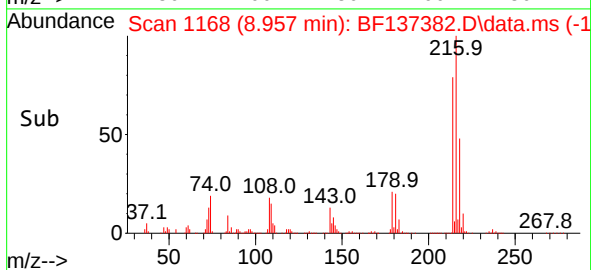
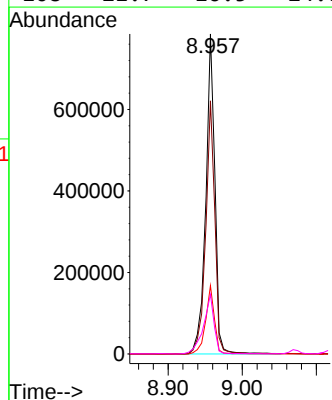
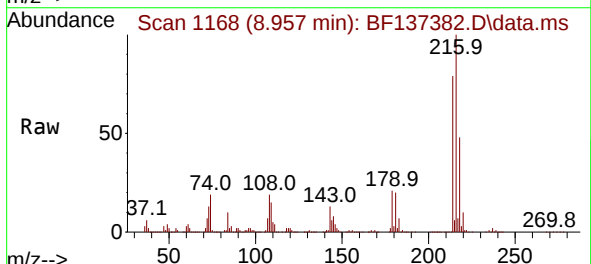
Instrument :
BNA_F
ClientSampleId :
PB159212BS

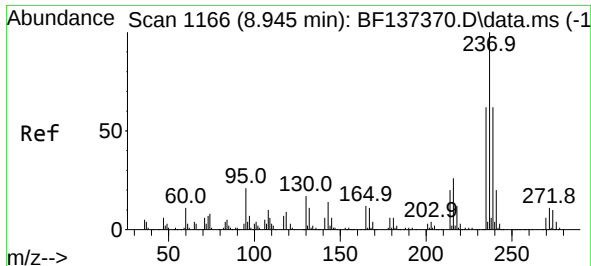
Tgt Ion:164 Resp: 531443
Ion Ratio Lower Upper
164 100
162 102.4 81.2 121.8
160 44.5 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.037 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:216 Resp: 673859
Ion Ratio Lower Upper
216 100
214 79.1 62.3 93.5
179 20.8 16.5 24.7
108 21.7 16.5 24.7

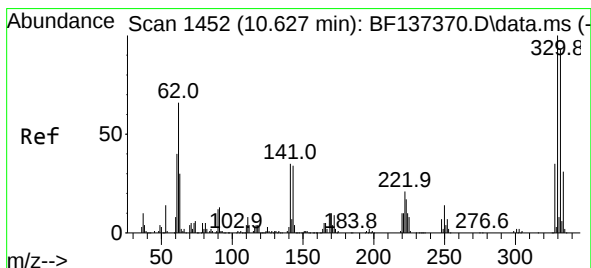
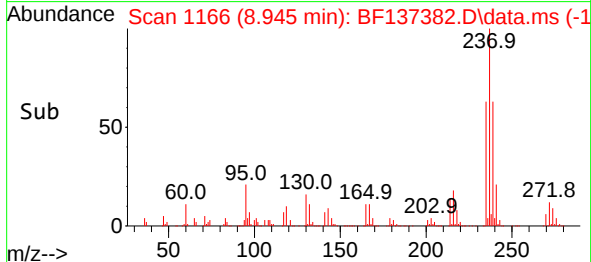
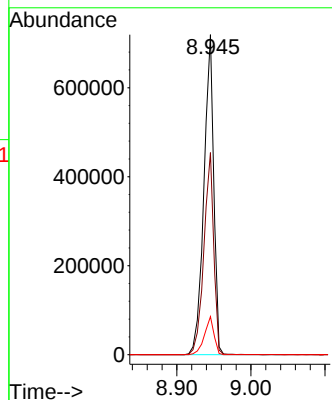
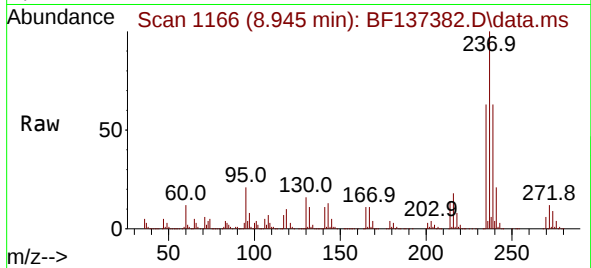




#41
Hexachlorocyclopentadiene
Concen: 100.233 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

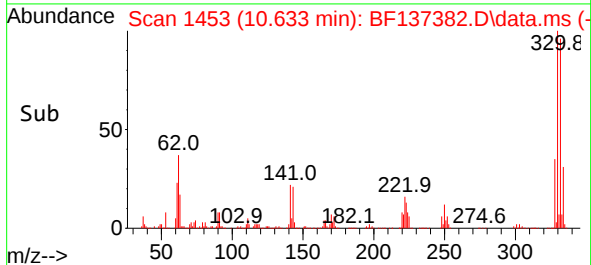
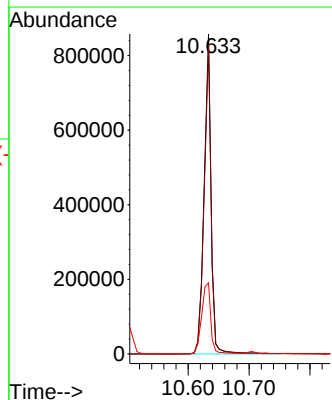
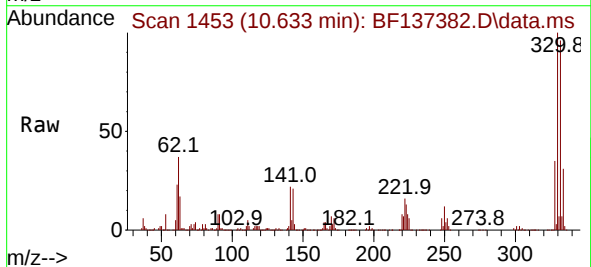
Instrument :
BNA_F
ClientSampleId :
PB159212BS

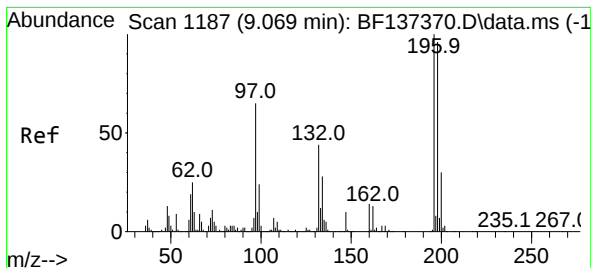
Tgt Ion:237 Resp: 665198
Ion Ratio Lower Upper
237 100
235 63.2 42.0 82.0
272 11.9 0.0 31.3



#42
2,4,6-Tribromophenol
Concen: 148.860 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:330 Resp: 688898
Ion Ratio Lower Upper
330 100
332 96.1 75.6 113.4
141 28.7 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 50.158 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

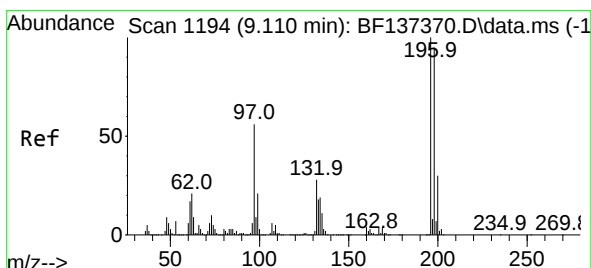
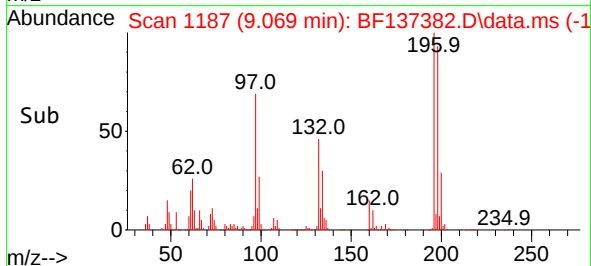
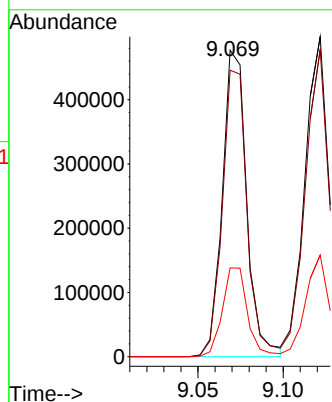
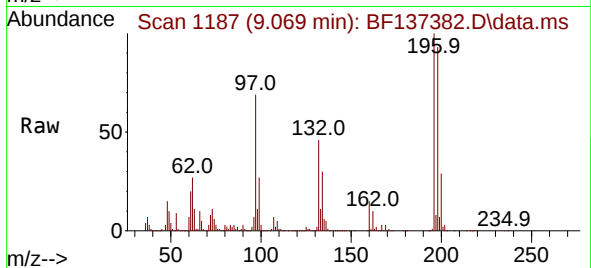
Tgt Ion:196 Resp: 476037

Ion Ratio Lower Upper

196 100

198 93.5 77.0 115.4

200 29.0 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 45.537 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.012 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

Tgt Ion:196 Resp: 495810

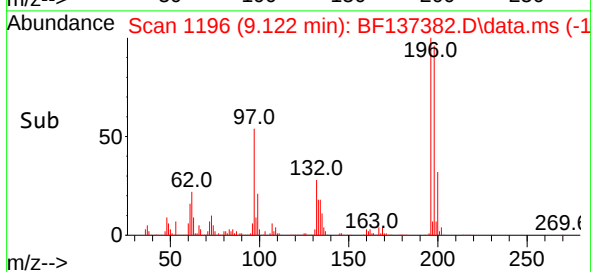
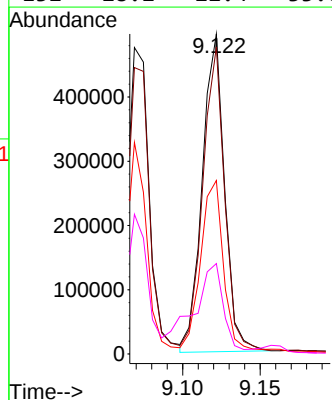
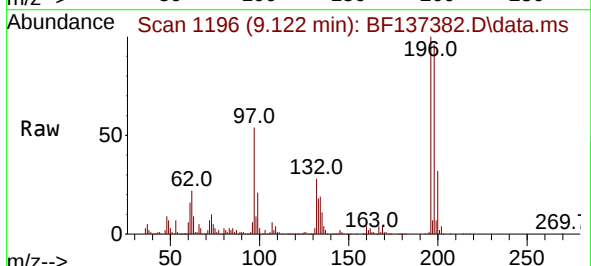
Ion Ratio Lower Upper

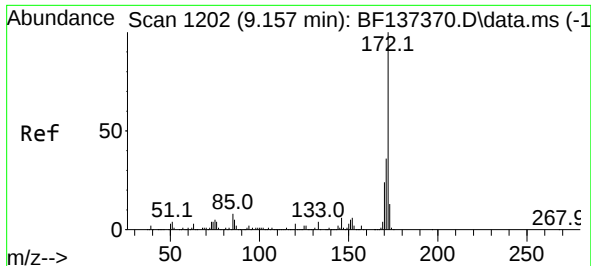
196 100

198 96.0 75.6 113.4

97 54.2 44.6 66.8

132 28.2 22.4 33.6

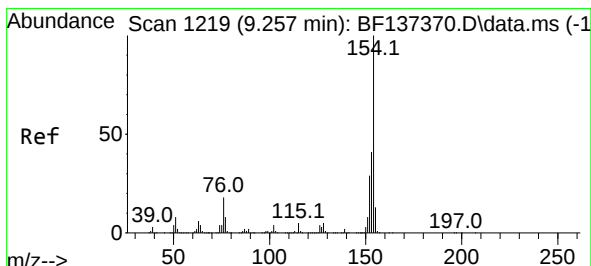
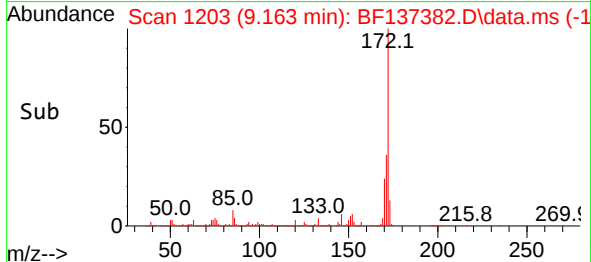
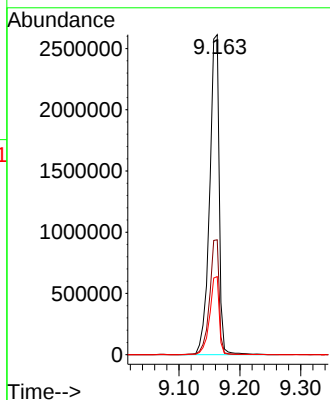
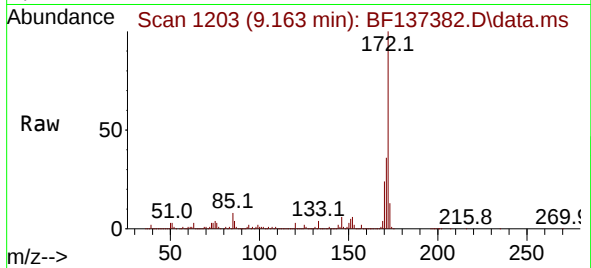




#45
2-Fluorobiphenyl
Concen: 83.823 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

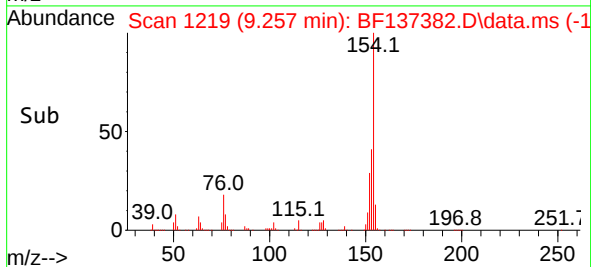
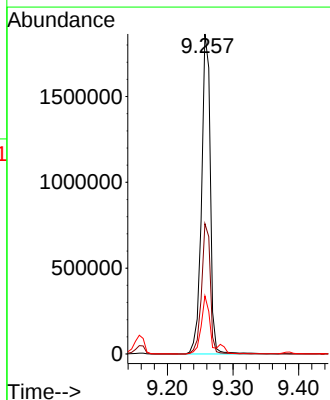
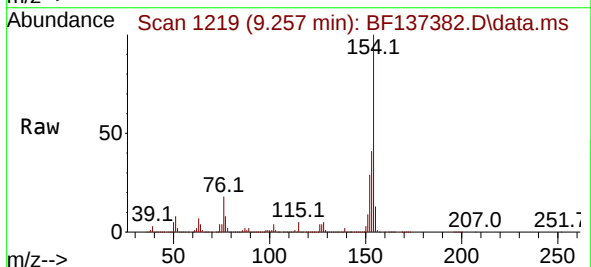
Instrument :
BNA_F
ClientSampleId :
PB159212BS

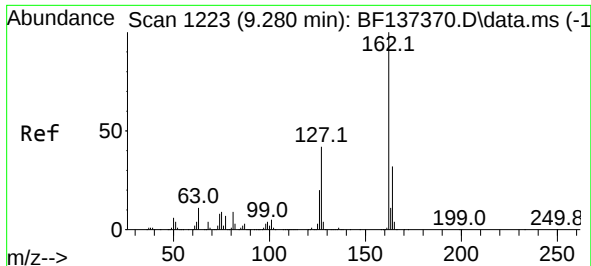
Tgt Ion:172 Resp: 2861366
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 24.4 19.5 29.3



#46
1,1'-Biphenyl
Concen: 45.073 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:154 Resp: 1744635
Ion Ratio Lower Upper
154 100
153 40.7 21.2 61.2
76 18.2 0.0 37.9





#47

2-Chloronaphthalene

Concen: 47.163 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.001 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

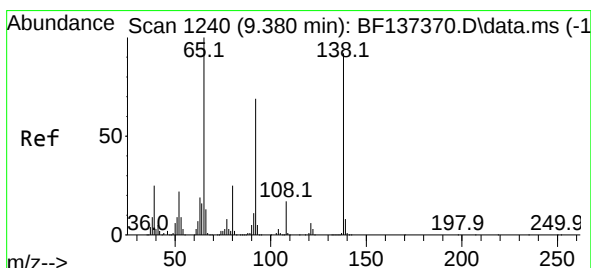
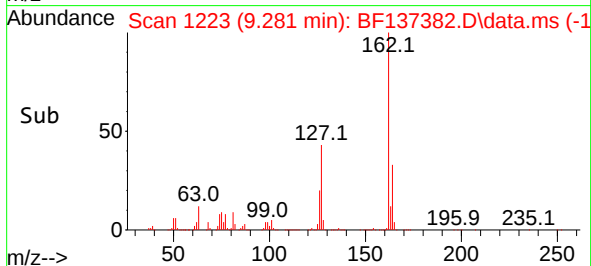
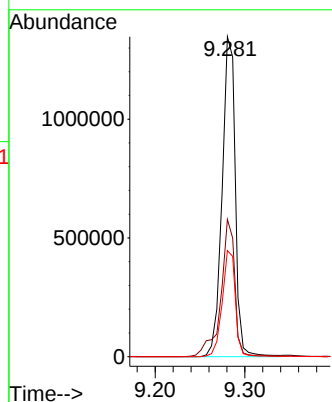
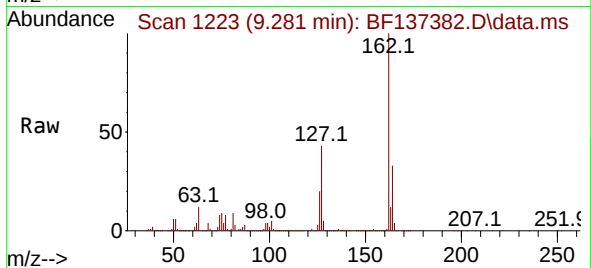
Tgt Ion:162 Resp: 1378624

Ion Ratio Lower Upper

162 100

127 42.9 33.6 50.4

164 33.1 25.9 38.9



#48

2-Nitroaniline

Concen: 49.034 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.006 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

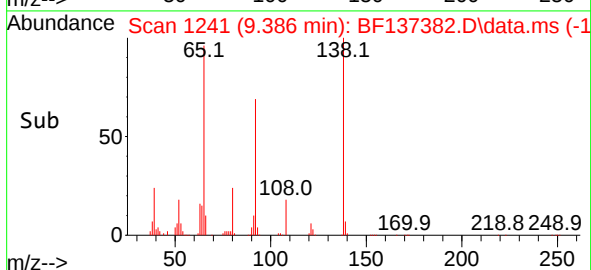
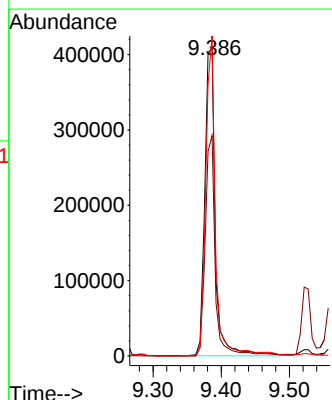
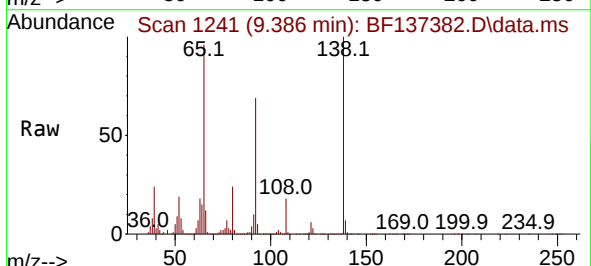
Tgt Ion: 65 Resp: 436222

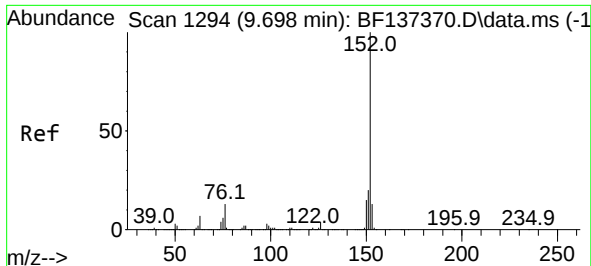
Ion Ratio Lower Upper

65 100

92 71.4 55.0 82.6

138 103.7 73.7 110.5

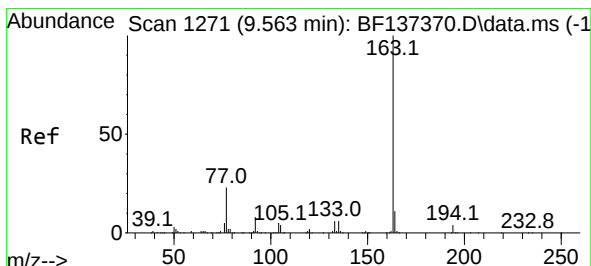
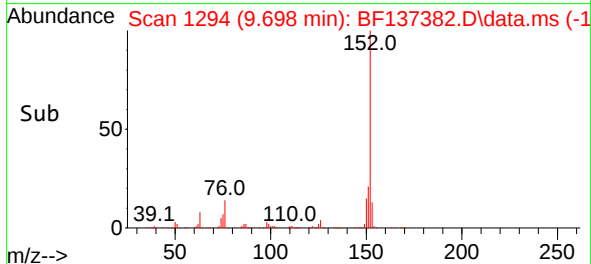
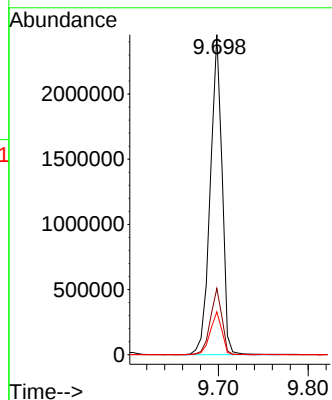
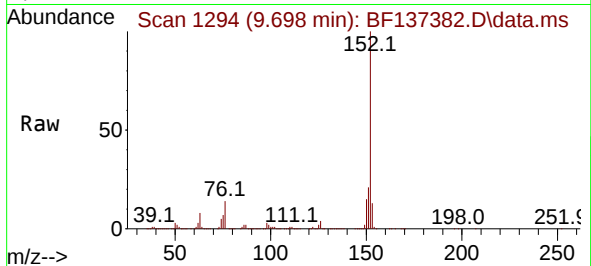




#49
Acenaphthylene
Concen: 47.125 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

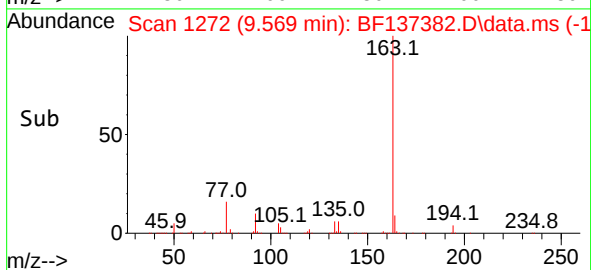
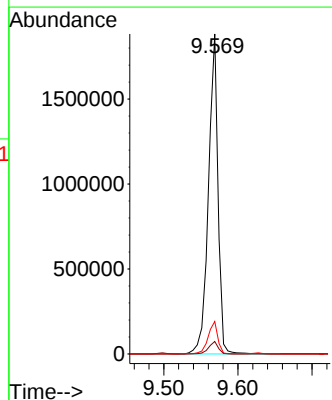
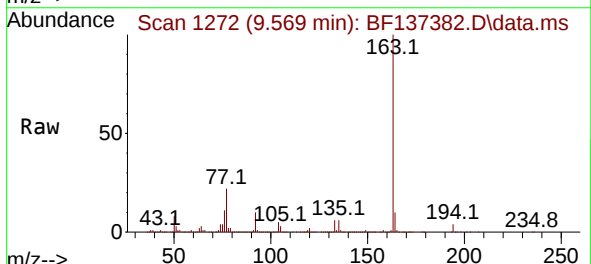
Instrument :
BNA_F
ClientSampleId :
PB159212BS

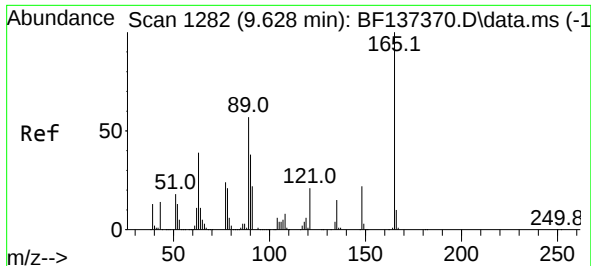
Tgt Ion:152 Resp: 2238081
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 46.159 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:163 Resp: 1695068
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.2 8.5 12.7

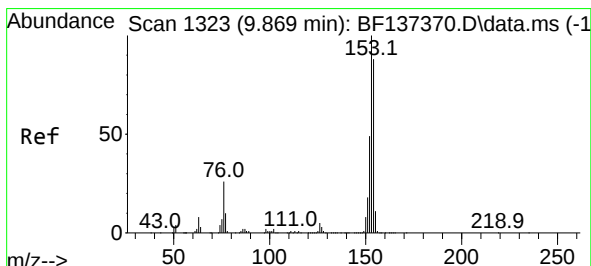
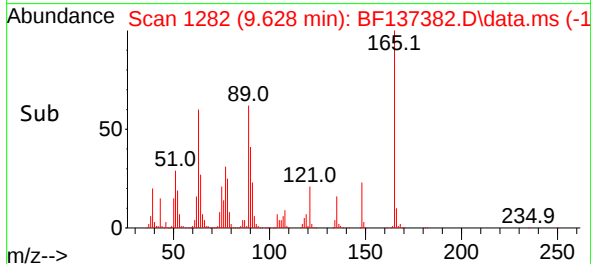
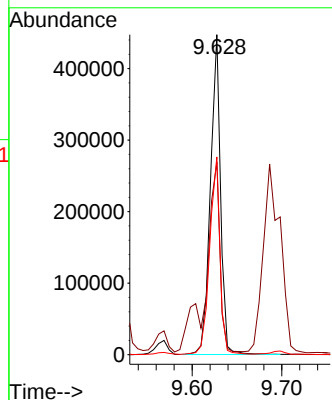
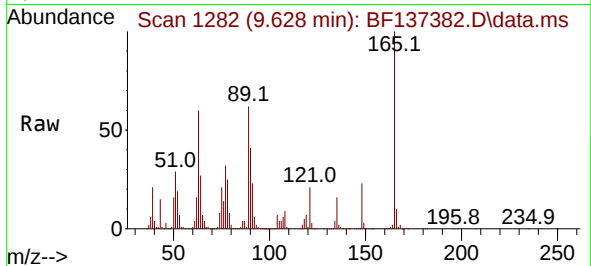




#51
2,6-Dinitrotoluene
Concen: 51.403 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

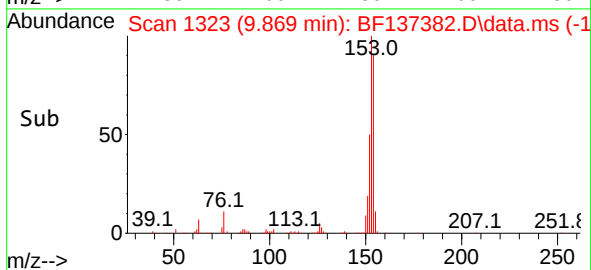
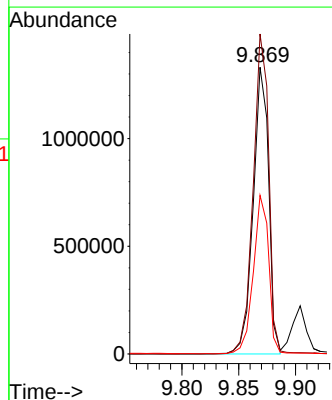
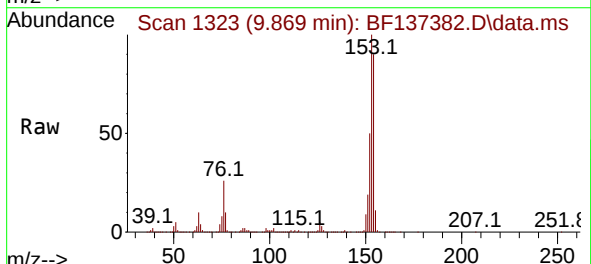
Instrument :
BNA_F
ClientSampleId :
PB159212BS

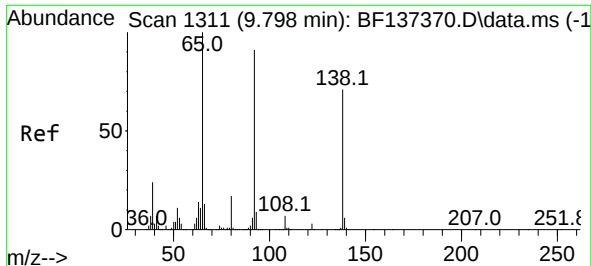
Tgt Ion:165 Resp: 351170
Ion Ratio Lower Upper
165 100
63 60.1 41.6 62.4
89 61.8 45.8 68.6



#52
Acenaphthene
Concen: 44.373 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:154 Resp: 1257980
Ion Ratio Lower Upper
154 100
153 111.6 90.6 135.8
152 55.3 44.1 66.1

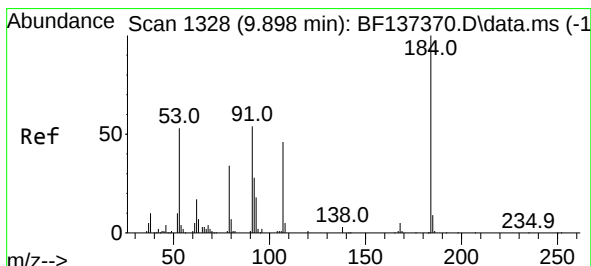
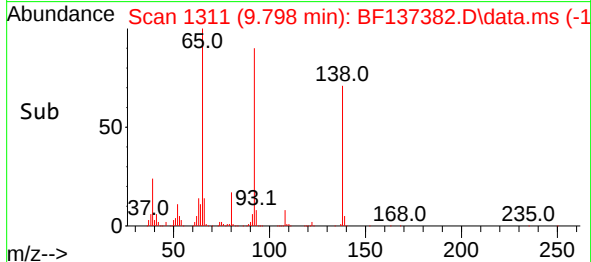
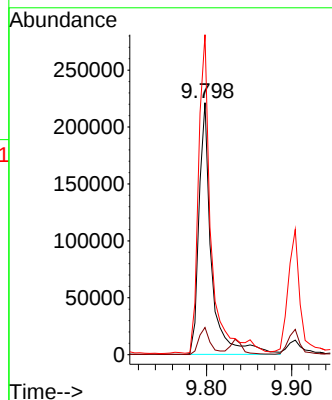
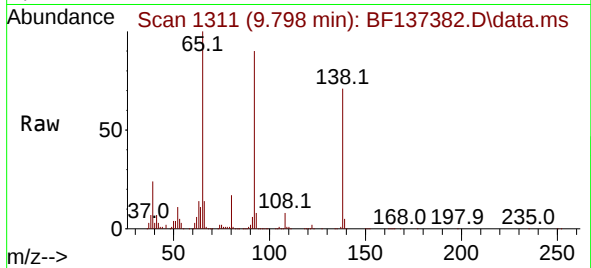




#53
3-Nitroaniline
Concen: 29.759 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

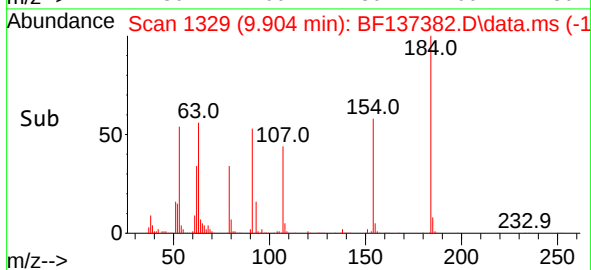
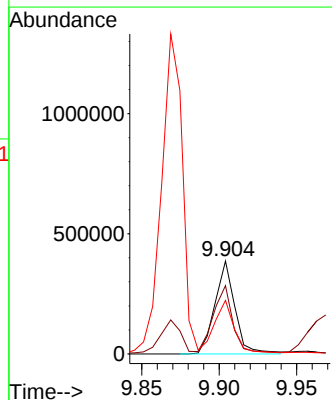
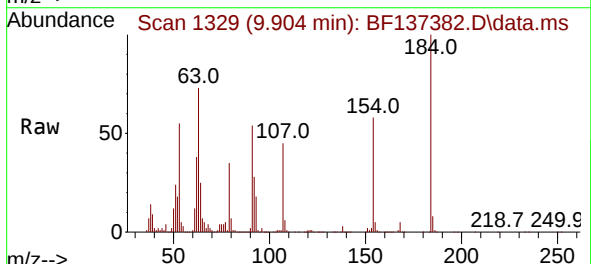
Instrument :
BNA_F
ClientSampleId :
PB159212BS

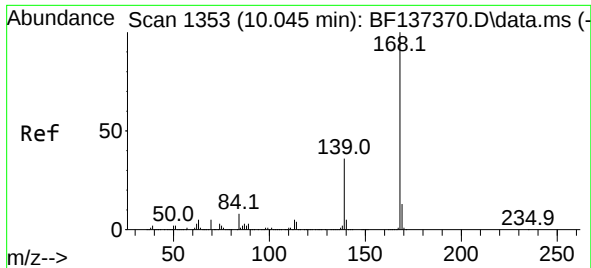
Tgt Ion:138 Resp: 224946
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.2
92 127.0 102.2 153.2



#54
2,4-Dinitrophenol
Concen: 100.896 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:184 Resp: 348390
Ion Ratio Lower Upper
184 100
63 73.4 55.9 83.9
154 57.7 47.6 71.4

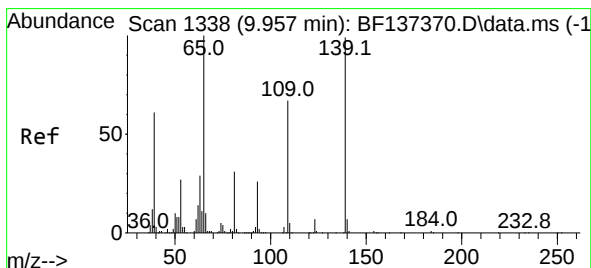
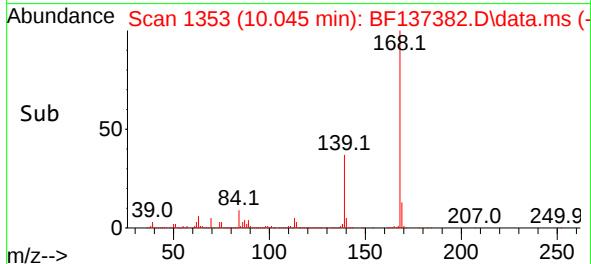
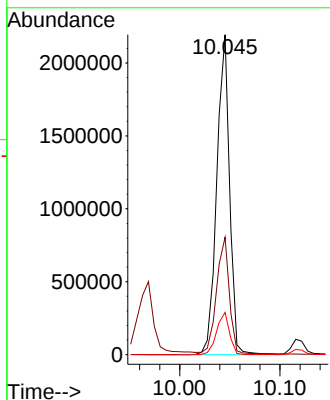
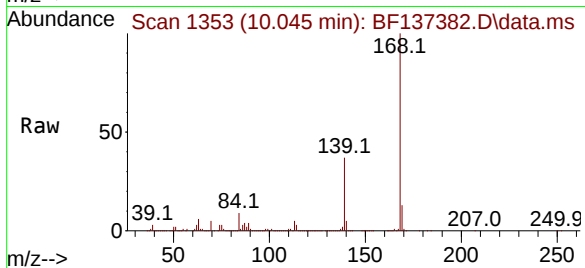




#55
Dibenzenofuran
Concen: 44.260 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

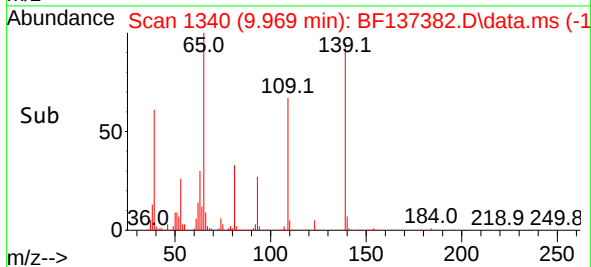
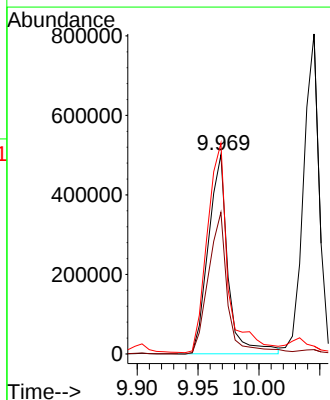
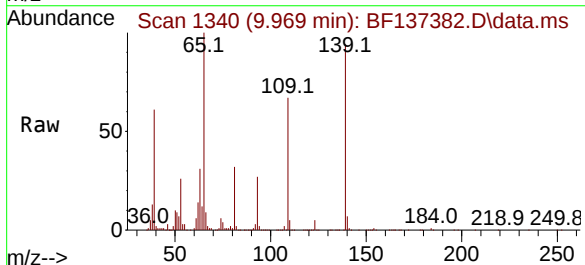
Instrument :
BNA_F
ClientSampleId :
PB159212BS

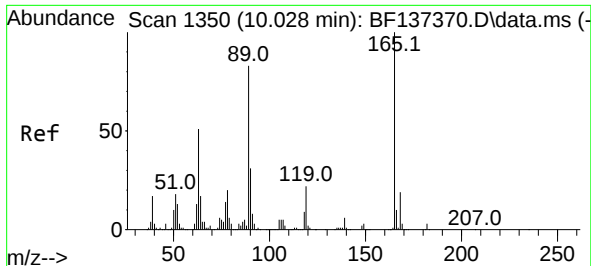
Tgt Ion:168 Resp: 1939303
Ion Ratio Lower Upper
168 100
139 36.7 28.9 43.3
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 95.781 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:139 Resp: 560130
Ion Ratio Lower Upper
139 100
109 71.0 48.0 88.0
65 105.9 82.2 122.2

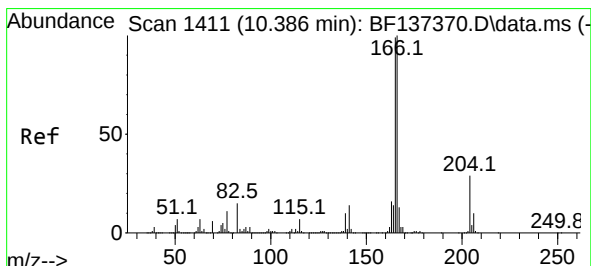
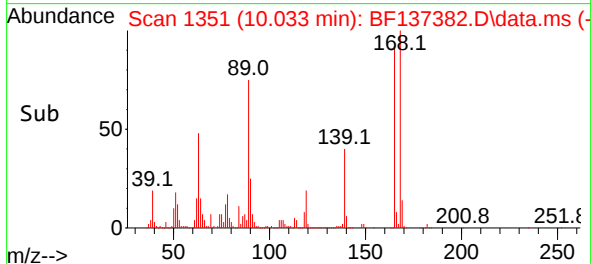
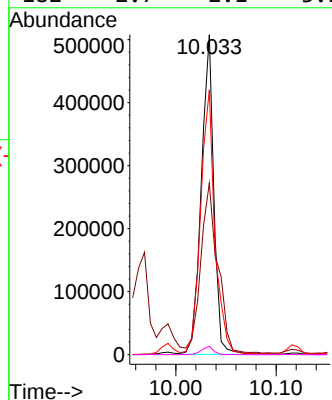
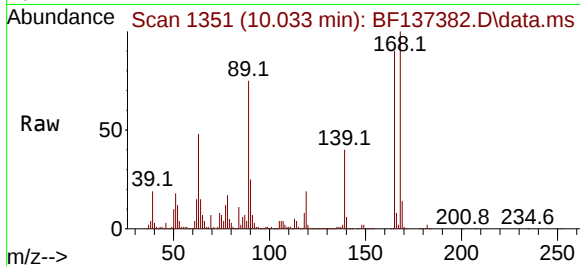




#57
2,4-Dinitrotoluene
Concen: 51.048 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

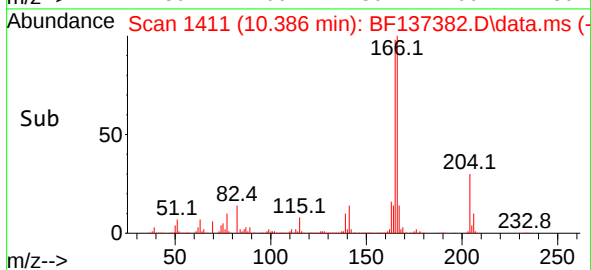
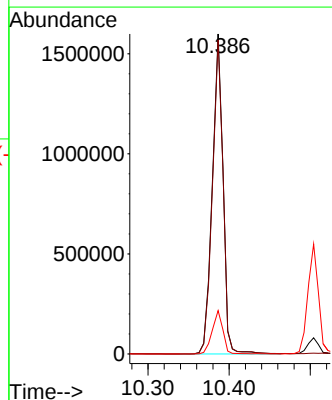
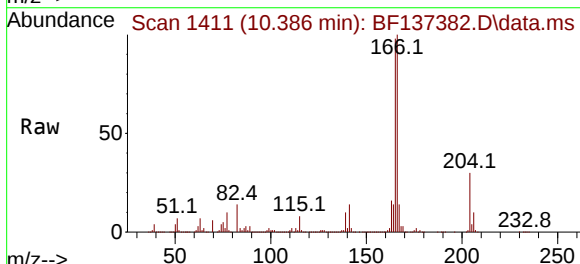
Instrument :
BNA_F
ClientSampleId :
PB159212BS

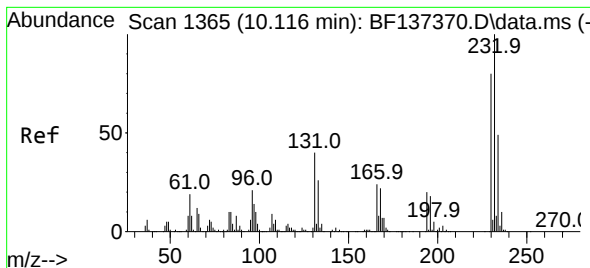
Tgt Ion:165 Resp: 441512
Ion Ratio Lower Upper
165 100
63 53.6 41.1 61.7
89 82.7 66.6 100.0
182 2.7 2.1 3.1



#58
Fluorene
Concen: 43.661 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:166 Resp: 1460997
Ion Ratio Lower Upper
166 100
165 98.2 78.8 118.2
167 13.5 10.5 15.7

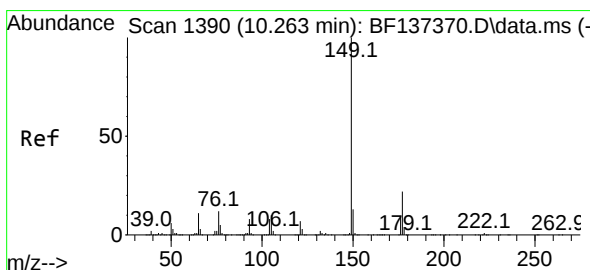
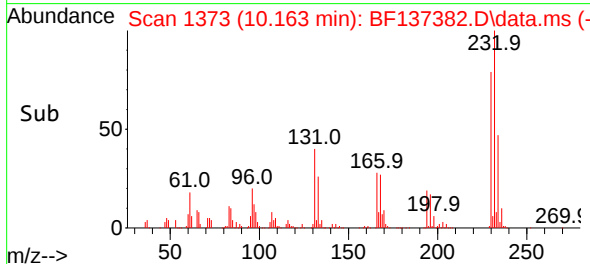
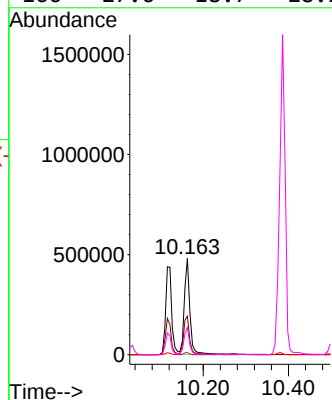
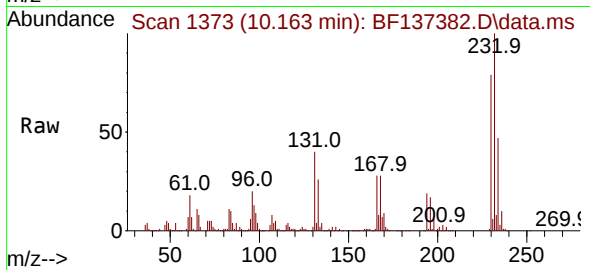




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.255 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

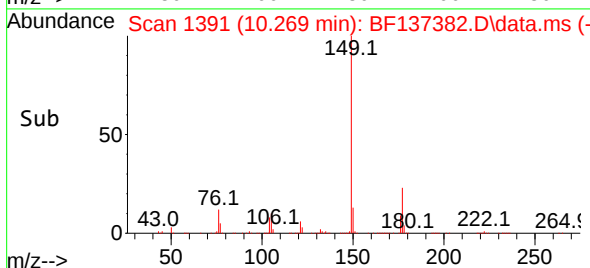
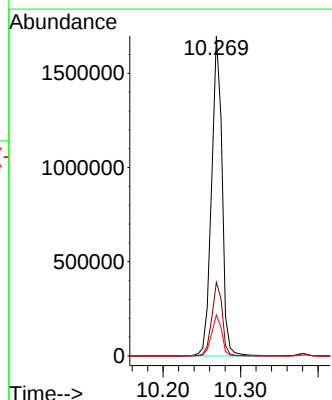
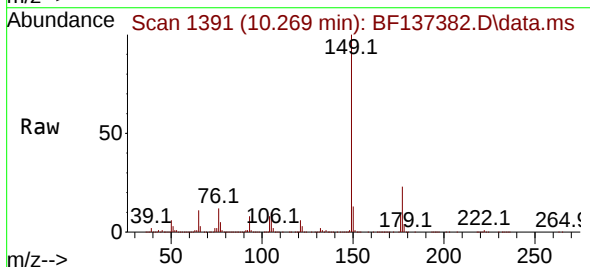
Instrument :
BNA_F
ClientSampleId :
PB159212BS

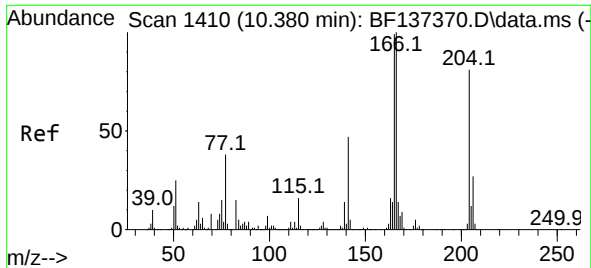
Tgt Ion:232 Resp: 444107
Ion Ratio Lower Upper
232 100
131 42.1 31.1 46.7
130 2.1 1.8 2.6
166 27.6 18.7 28.1



#60
Diethylphthalate
Concen: 46.745 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:149 Resp: 1602680
Ion Ratio Lower Upper
149 100
177 23.0 18.0 27.0
150 12.8 10.2 15.2

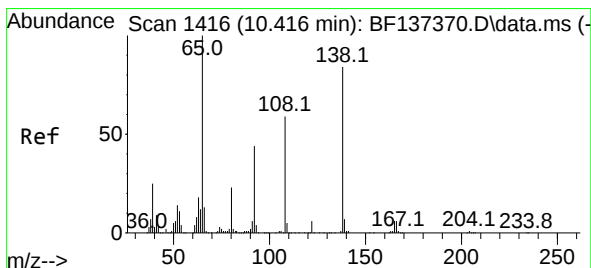
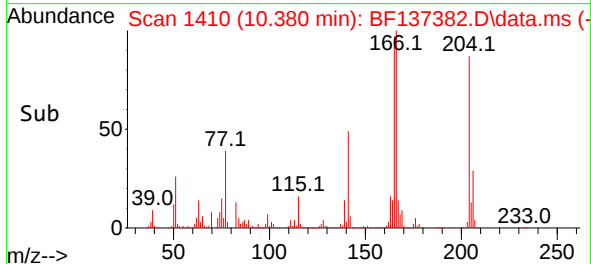
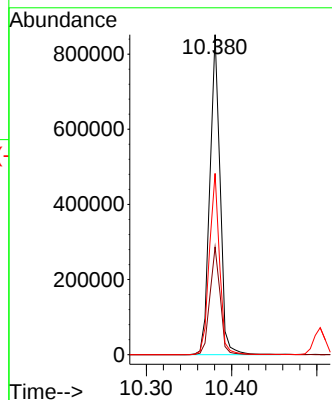
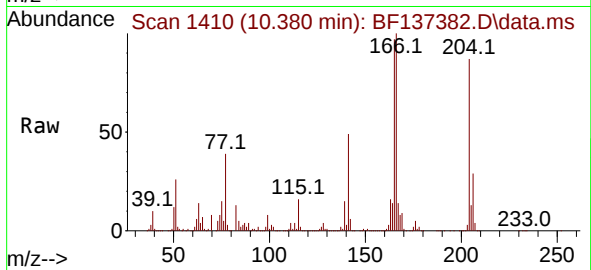




#61
4-Chlorophenyl-phenylether
Concen: 43.291 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

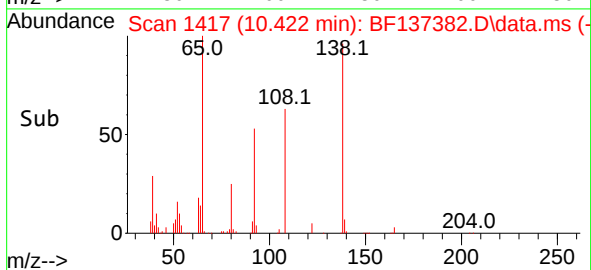
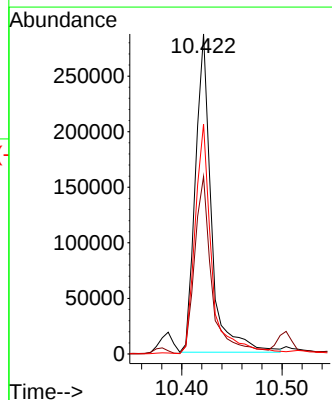
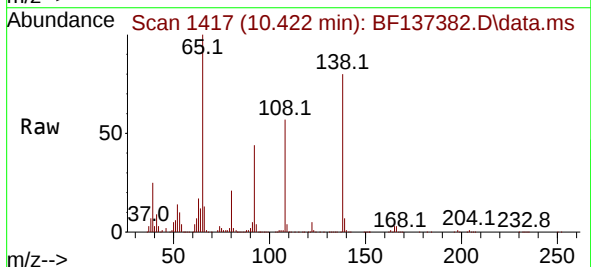
Instrument :
BNA_F
ClientSampleId :
PB159212BS

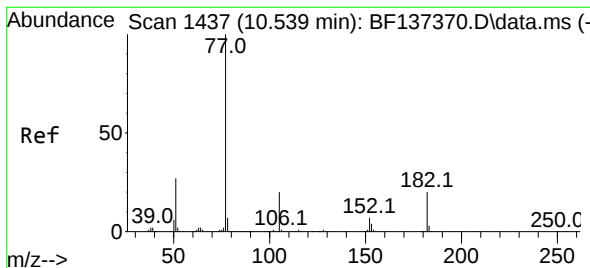
Tgt Ion:204 Resp: 712591
Ion Ratio Lower Upper
204 100
206 33.6 26.8 40.2
141 56.6 46.4 69.6



#62
4-Nitroaniline
Concen: 44.228 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:138 Resp: 316870
Ion Ratio Lower Upper
138 100
92 55.5 33.4 73.4
108 71.9 50.4 90.4

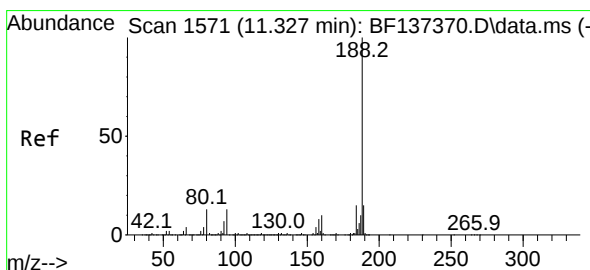
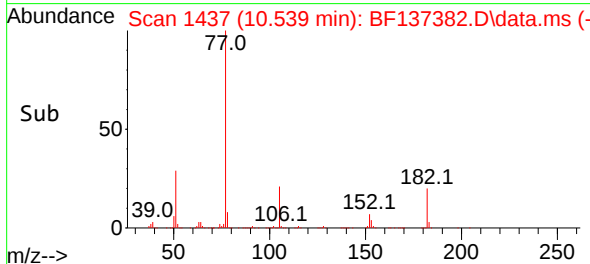
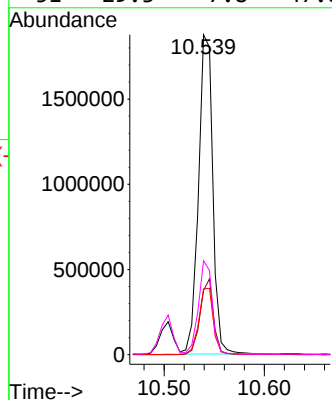
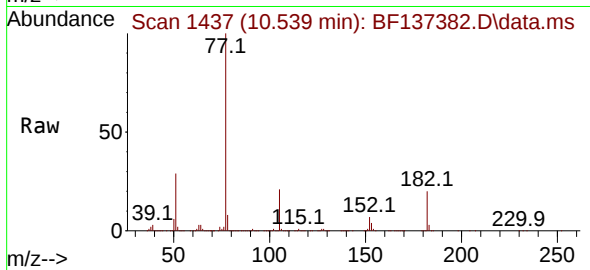




#63
Azobenzene
Concen: 45.387 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

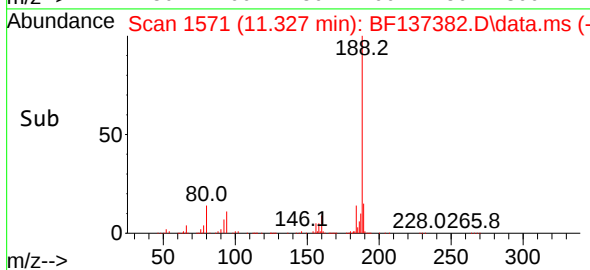
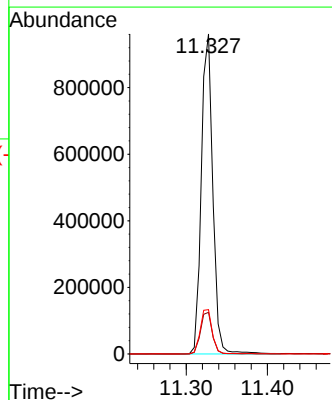
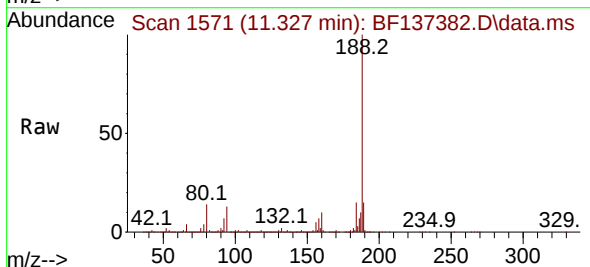
Instrument :
BNA_F
ClientSampleId :
PB159212BS

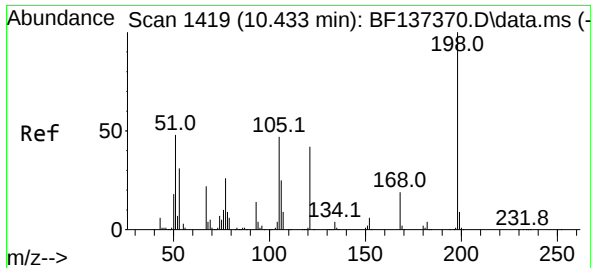
Tgt Ion: 77 Resp: 1861797
Ion Ratio Lower Upper
77 100
182 20.0 0.0 39.6
105 20.6 0.4 40.4
51 29.3 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:188 Resp: 946741
Ion Ratio Lower Upper
188 100
94 13.0 10.2 15.2
80 13.8 10.7 16.1

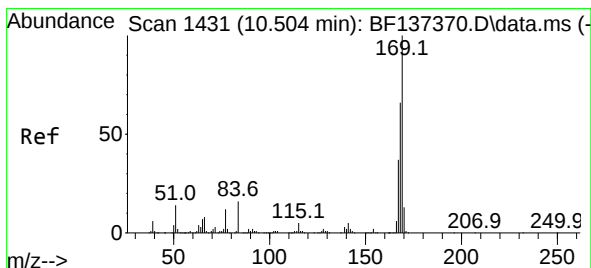
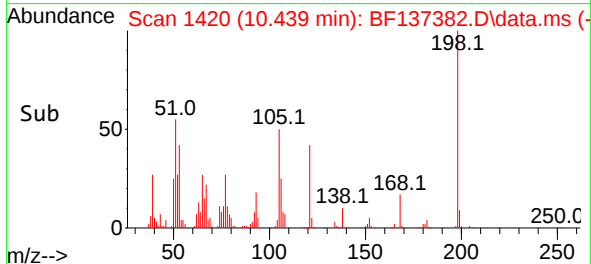
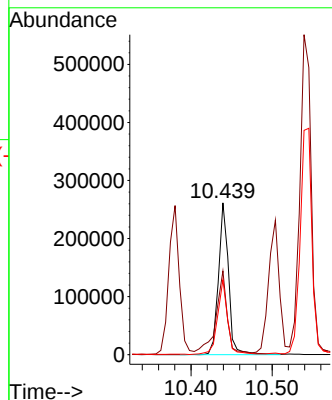
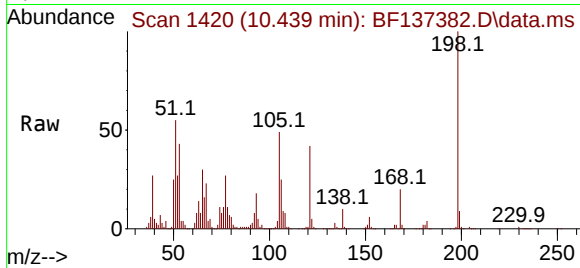




#65
4,6-Dinitro-2-methylphenol
Concen: 48.528 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

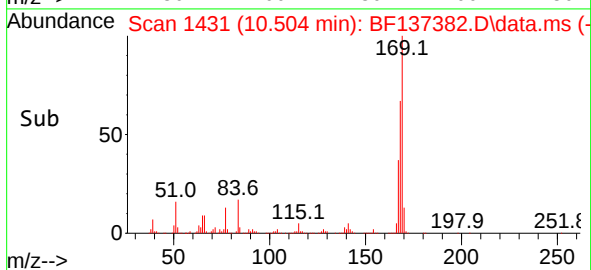
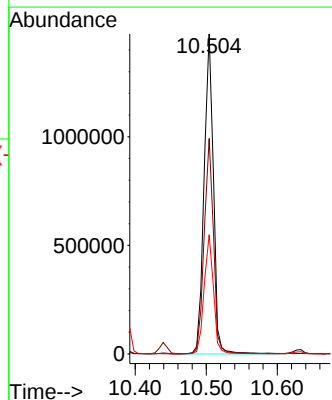
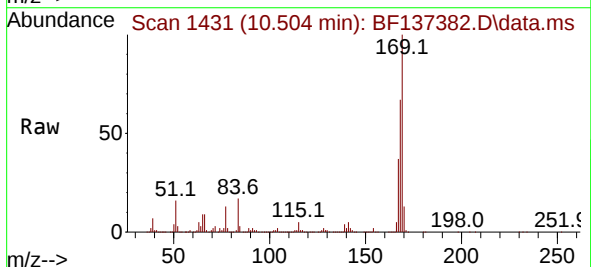
Instrument :
BNA_F
ClientSampleId :
PB159212BS

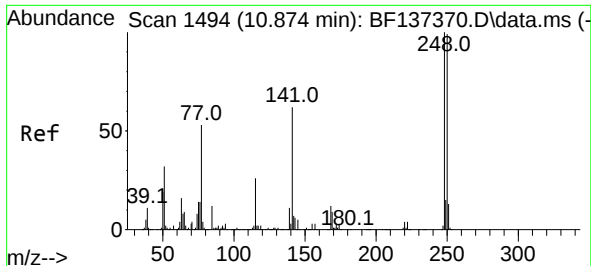
Tgt Ion:198 Resp: 224907
Ion Ratio Lower Upper
198 100
51 55.1 36.8 76.8
105 49.4 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 43.957 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:169 Resp: 1351572
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.4
167 37.3 29.2 43.8

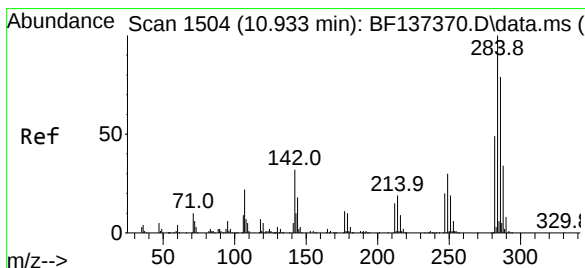
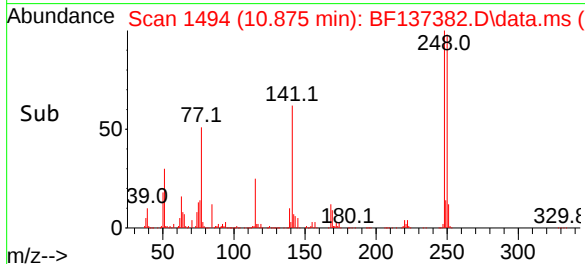
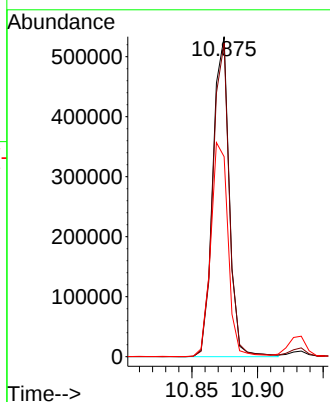
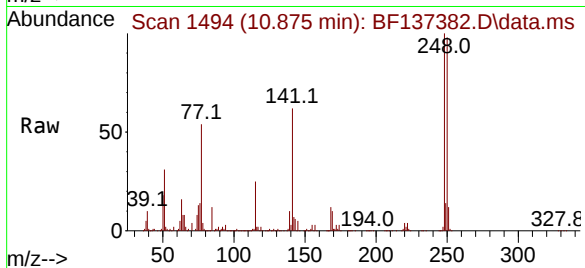




#67
4-Bromophenyl-phenylether
Concen: 45.739 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

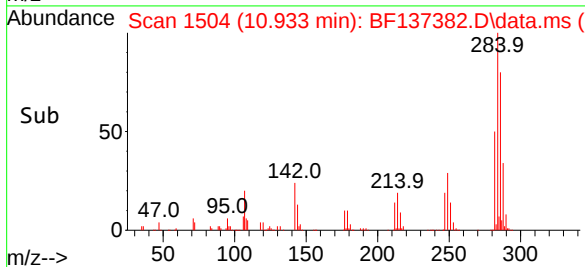
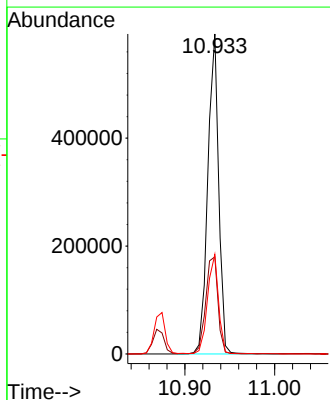
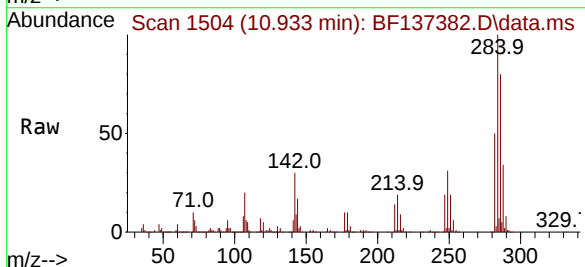
Instrument :
BNA_F
ClientSampleId :
PB159212BS

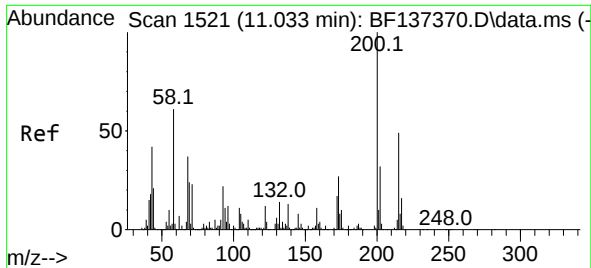
Tgt Ion:248 Resp: 465523
Ion Ratio Lower Upper
248 100
250 97.9 79.0 118.6
141 62.5 49.9 74.9



#68
Hexachlorobenzene
Concen: 47.443 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:284 Resp: 499508
Ion Ratio Lower Upper
284 100
142 30.4 25.4 38.0
249 31.1 24.2 36.4

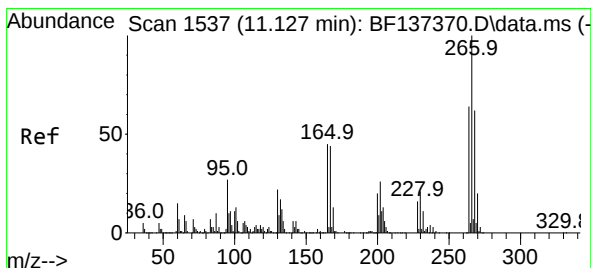
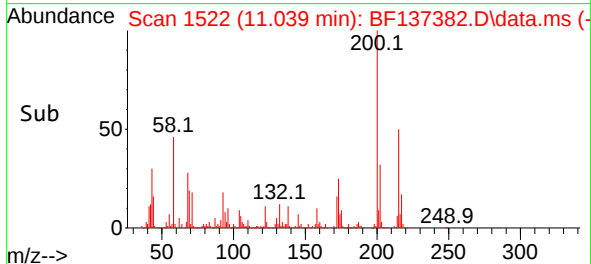
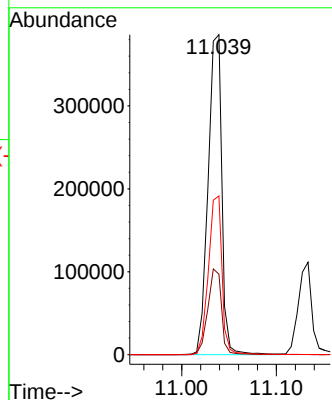
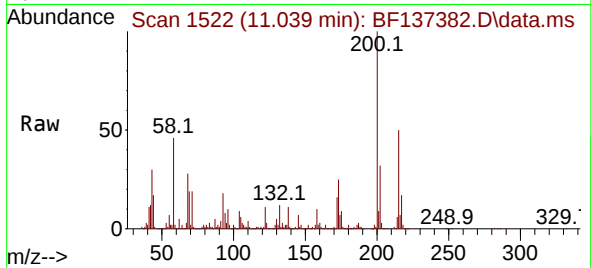




#69
Atrazine
Concen: 46.727 ng
RT: 11.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

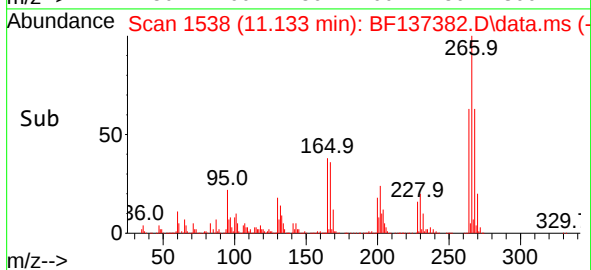
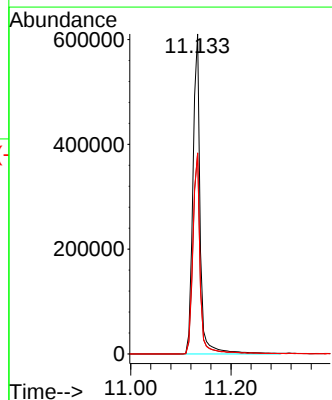
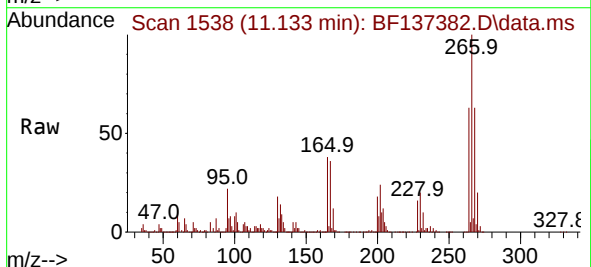
Instrument :
BNA_F
ClientSampleId :
PB159212BS

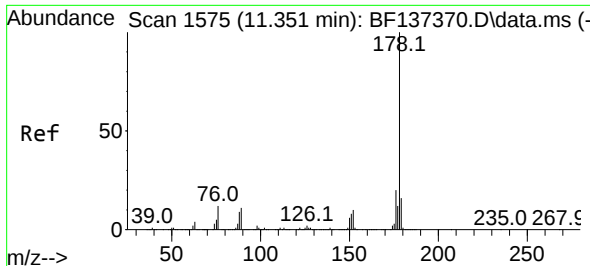
Tgt Ion:200 Resp: 387734
Ion Ratio Lower Upper
200 100
173 25.2 6.8 46.8
215 49.6 29.4 69.4



#70
Pentachlorophenol
Concen: 91.722 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:266 Resp: 611852
Ion Ratio Lower Upper
266 100
268 62.9 49.4 74.2
264 62.7 51.3 76.9

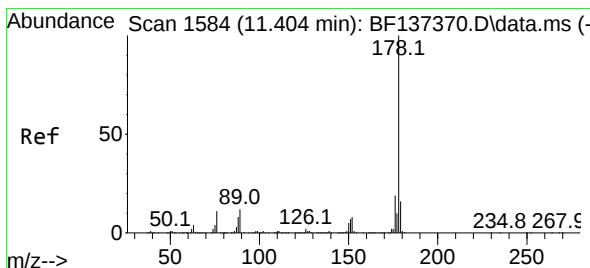
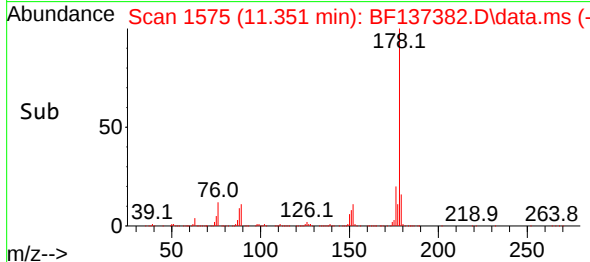
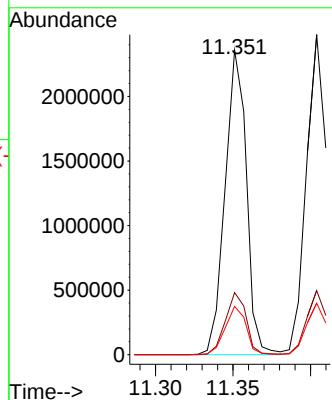
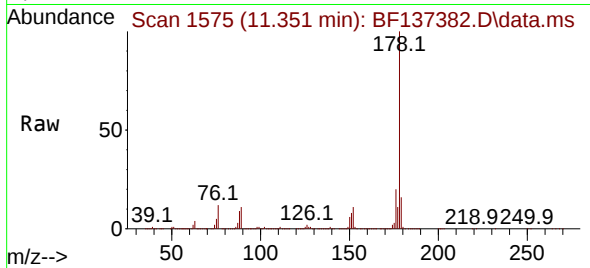




#71
Phenanthrene
Concen: 43.291 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

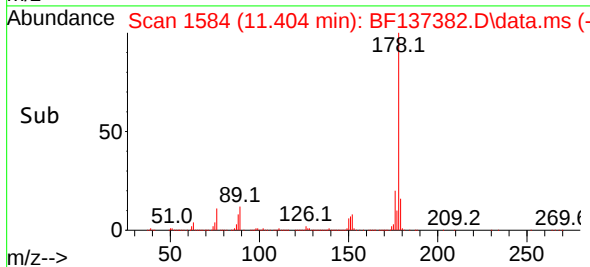
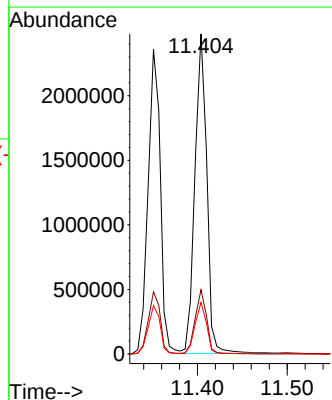
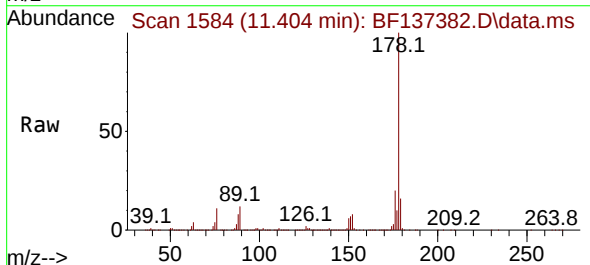
Instrument :
BNA_F
ClientSampleId :
PB159212BS

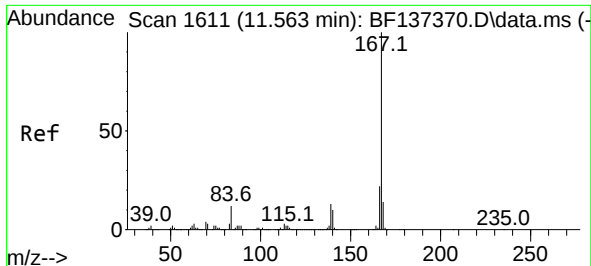
Tgt Ion:178 Resp: 2261224
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 15.9 12.7 19.1



#72
Anthracene
Concen: 42.348 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:178 Resp: 2279563
Ion Ratio Lower Upper
178 100
176 20.1 15.3 22.9
179 16.1 12.6 18.8

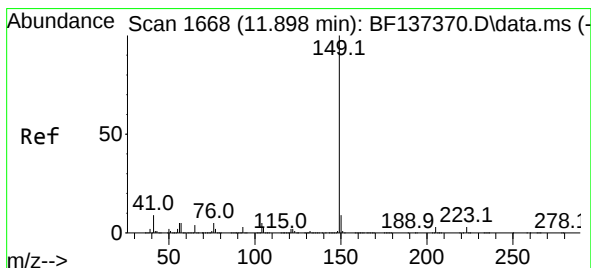
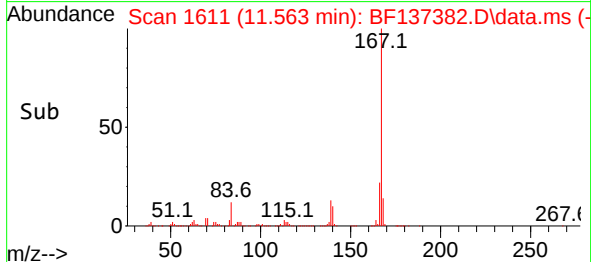
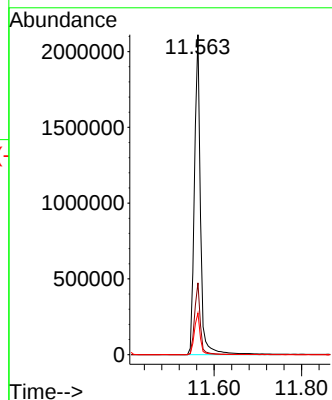
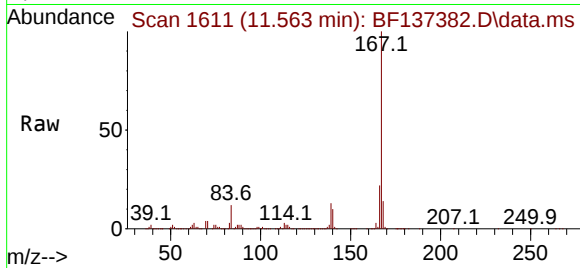




#73
 Carbazole
 Concen: 44.133 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF137382.D
 Acq: 26 Feb 2024 13:17

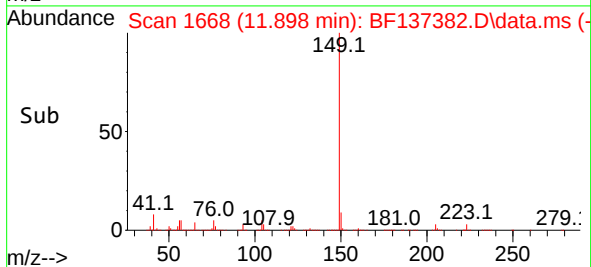
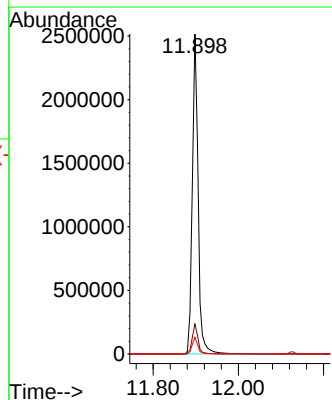
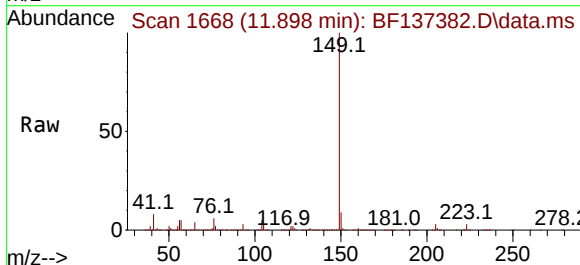
Instrument :
 BNA_F
 ClientSampleId :
 PB159212BS

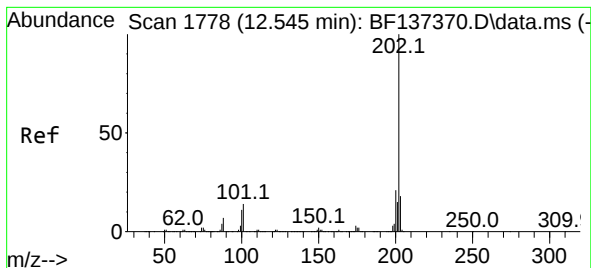
Tgt Ion:167 Resp: 2029750
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.6
 139 13.0 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 51.645 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. 0.000 min
 Lab File: BF137382.D
 Acq: 26 Feb 2024 13:17

Tgt Ion:149 Resp: 2376649
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 43.543 ng

RT: 12.545 min Scan# 1778

Delta R.T. 0.000 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

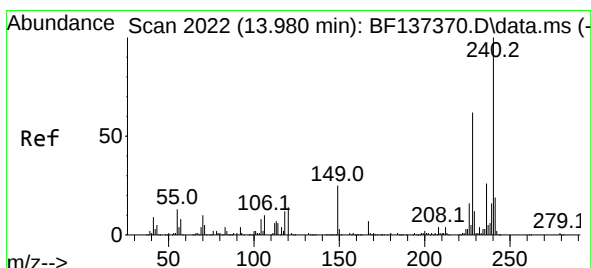
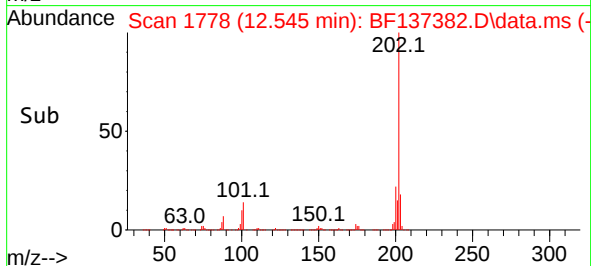
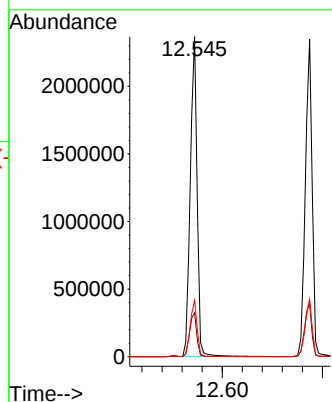
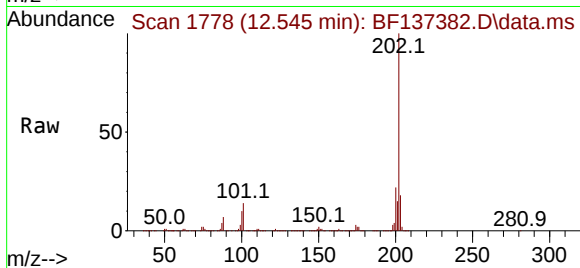
Tgt Ion:202 Resp: 2220086

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.9

203 17.6 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

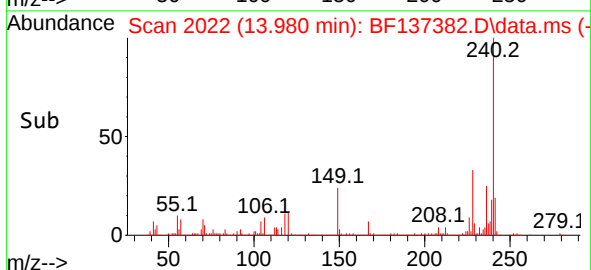
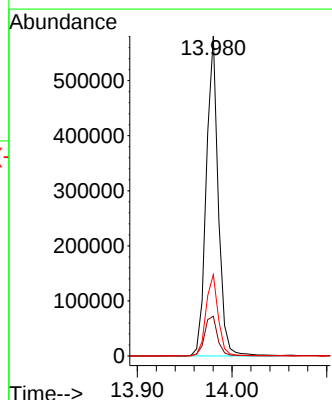
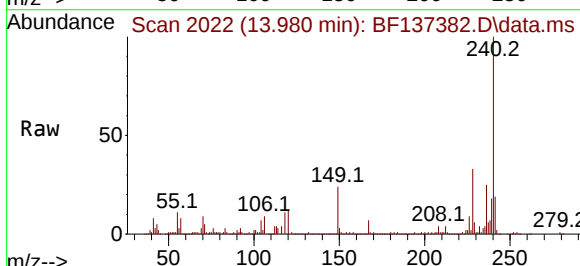
Tgt Ion:240 Resp: 508241

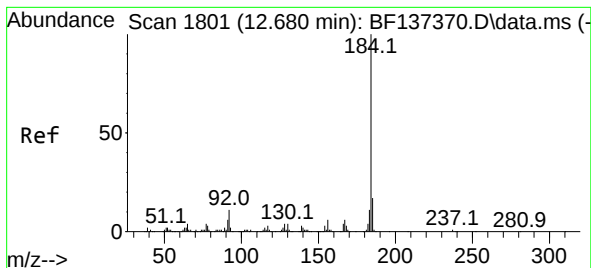
Ion Ratio Lower Upper

240 100

120 12.4 11.3 16.9

236 25.4 20.5 30.7





#77

Benzidine

Concen: 26.421 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

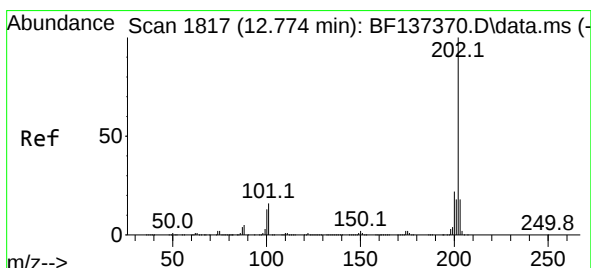
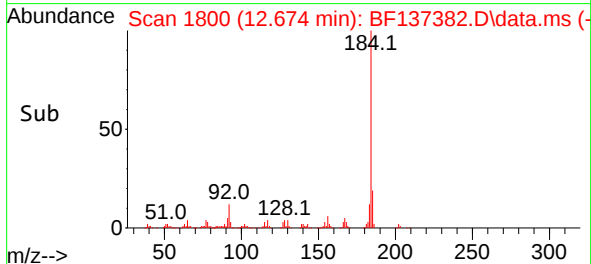
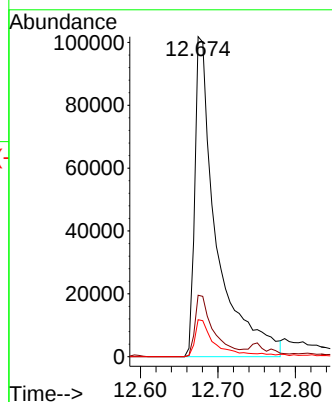
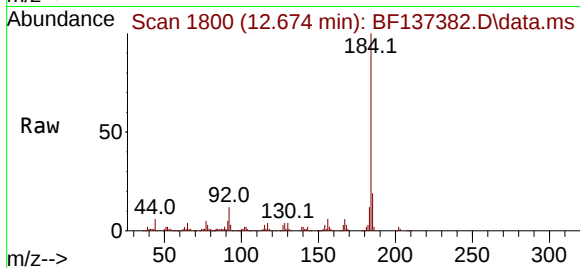
Tgt Ion:184 Resp: 197663

Ion Ratio Lower Upper

184 100

185 19.2 13.7 20.5

183 11.5 8.8 13.2



#78

Pyrene

Concen: 46.548 ng

RT: 12.774 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

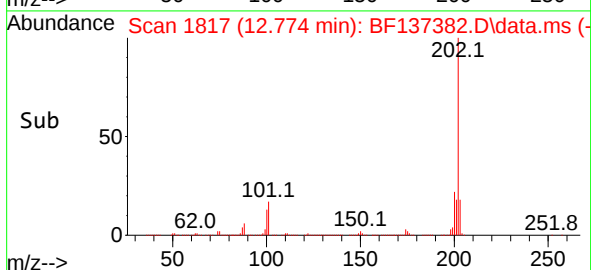
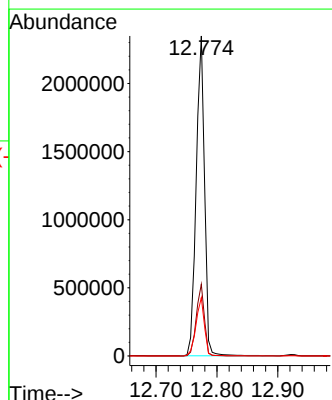
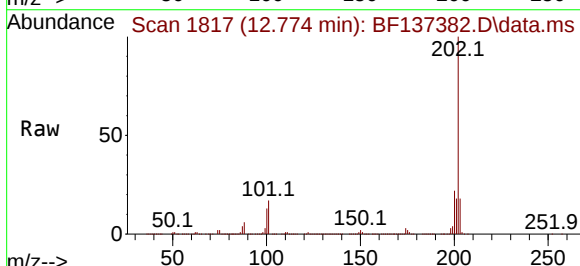
Tgt Ion:202 Resp: 2237028

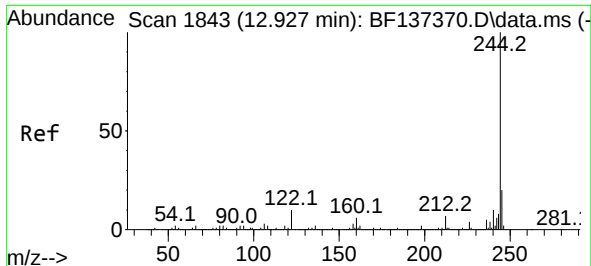
Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

203 18.2 14.2 21.2

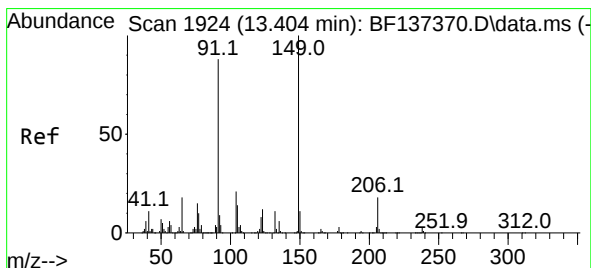
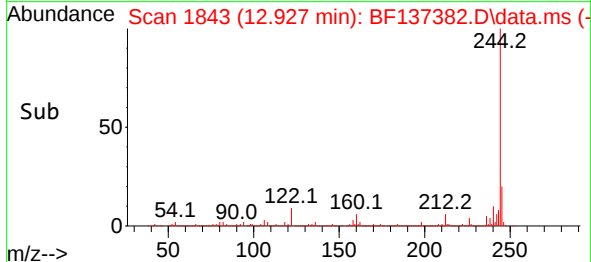
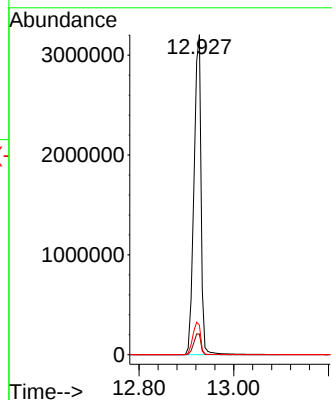
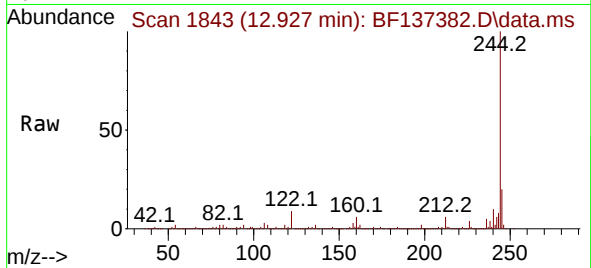




#79
 Terphenyl-d14
 Concen: 90.586 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BF137382.D
 Acq: 26 Feb 2024 13:17

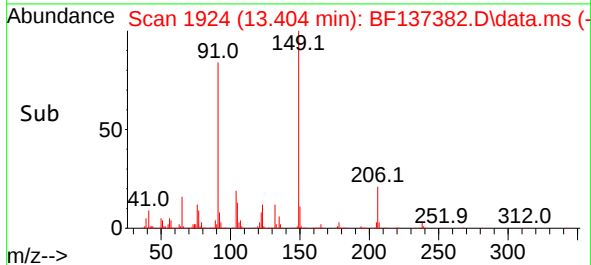
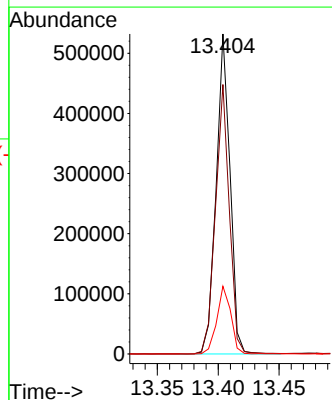
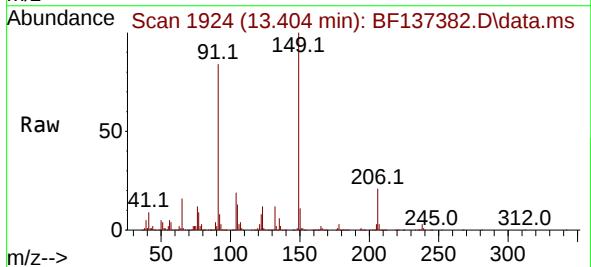
Instrument :
 BNA_F
 ClientSampleId :
 PB159212BS

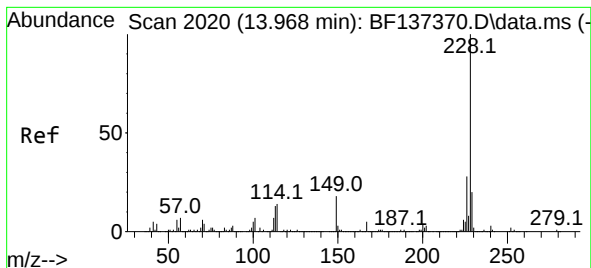
Tgt Ion:244 Resp: 3291646
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 9.3 8.2 12.4



#80
 Butylbenzylphthalate
 Concen: 56.283 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF137382.D
 Acq: 26 Feb 2024 13:17

Tgt Ion:149 Resp: 423251
 Ion Ratio Lower Upper
 149 100
 91 84.2 70.5 105.7
 206 21.2 14.8 22.2





#81

Benzo(a)anthracene

Concen: 46.227 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

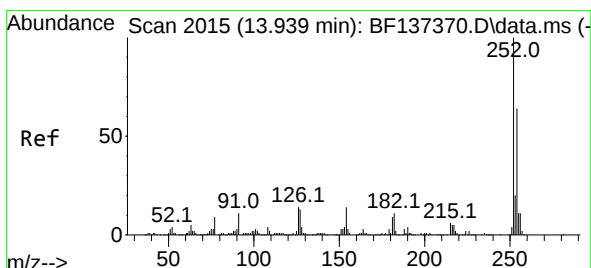
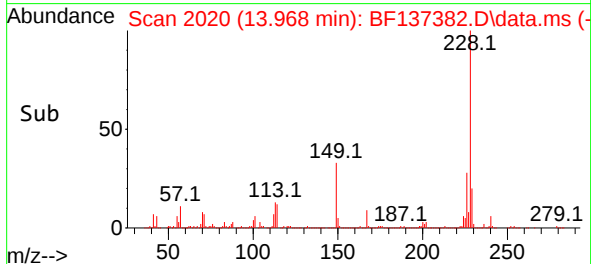
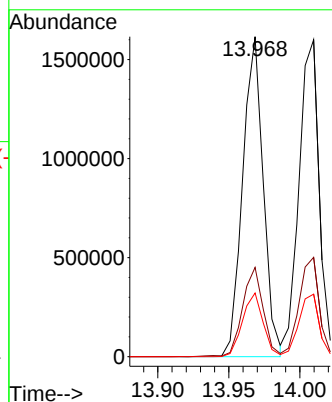
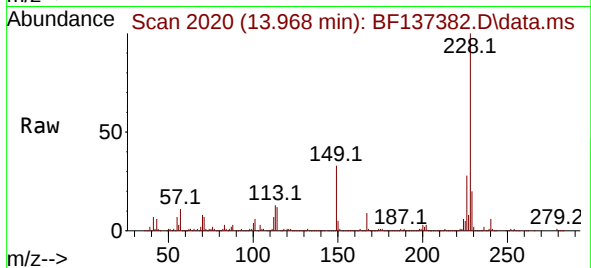
Tgt Ion:228 Resp: 1630314

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 40.652 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

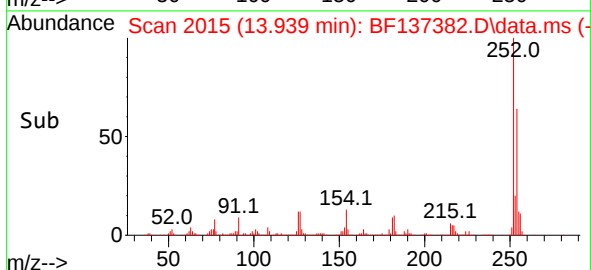
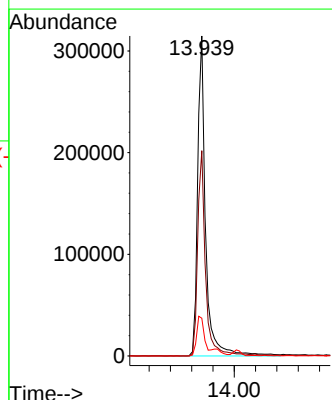
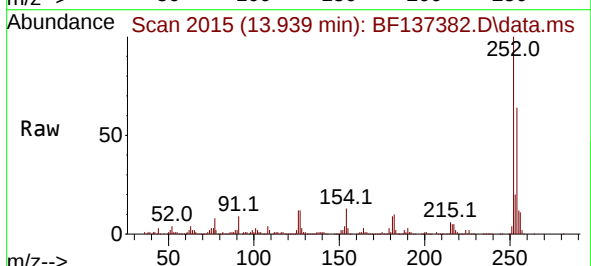
Tgt Ion:252 Resp: 327249

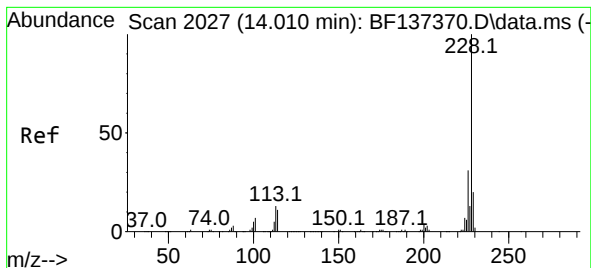
Ion Ratio Lower Upper

252 100

254 64.2 51.2 76.8

126 11.8 11.1 16.7





#83

Chrysene

Concen: 45.103 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

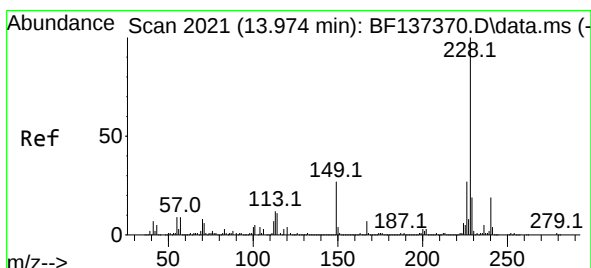
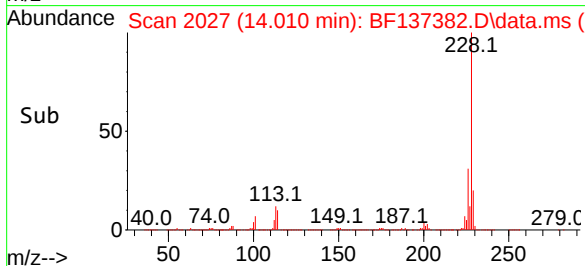
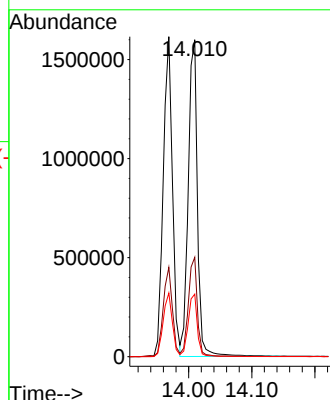
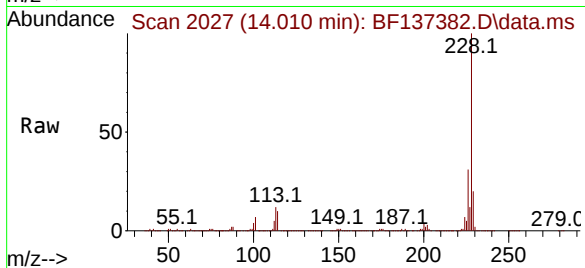
Tgt Ion:228 Resp: 1624936

Ion Ratio Lower Upper

228 100

226 31.3 24.6 37.0

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.481 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

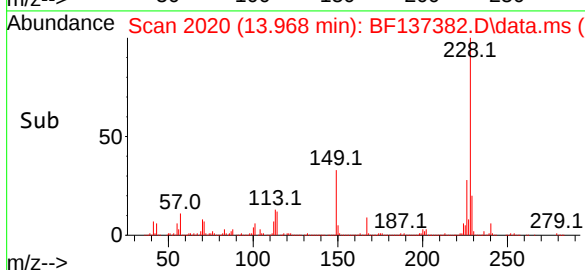
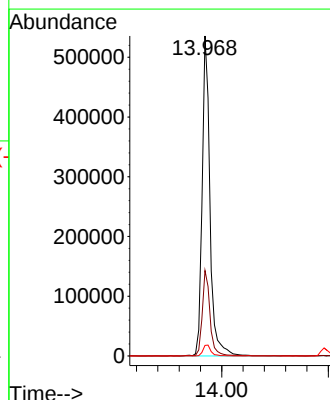
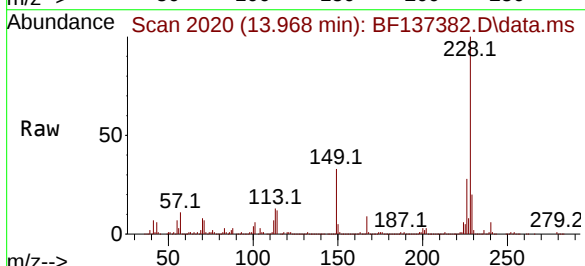
Tgt Ion:149 Resp: 546186

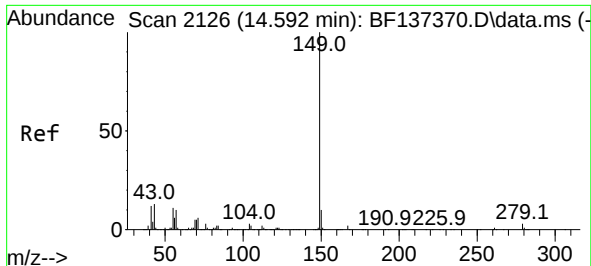
Ion Ratio Lower Upper

149 100

167 26.7 20.6 31.0

279 3.3 2.7 4.1

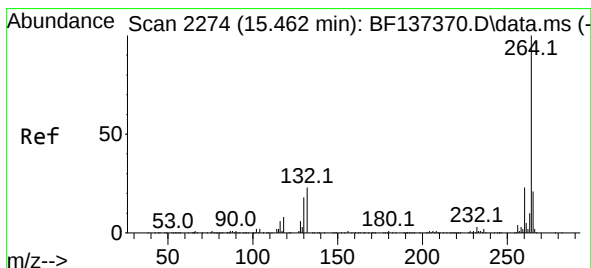
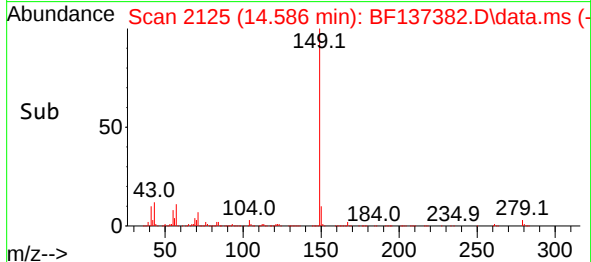
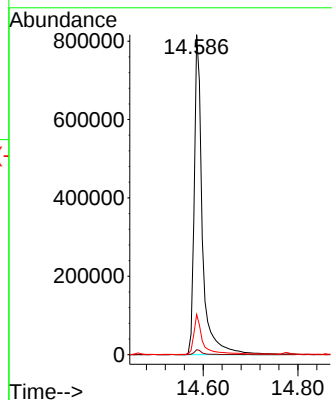
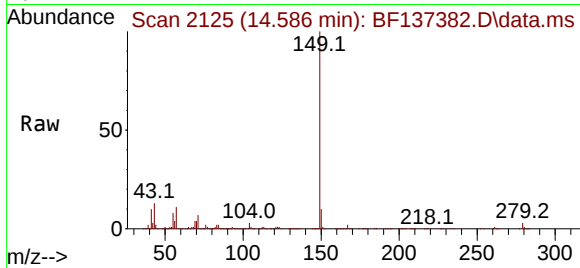




#85
Di-n-octyl phthalate
Concen: 56.156 ng
RT: 14.586 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

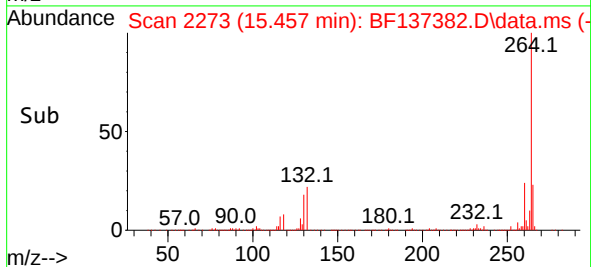
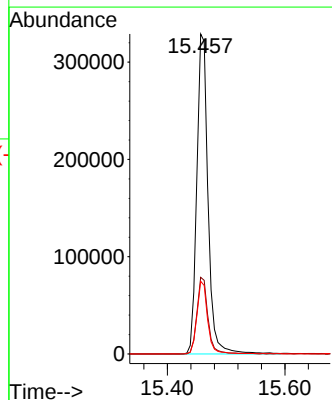
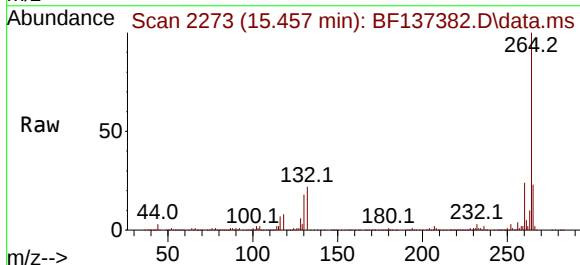
Instrument :
BNA_F
ClientSampleId :
PB159212BS

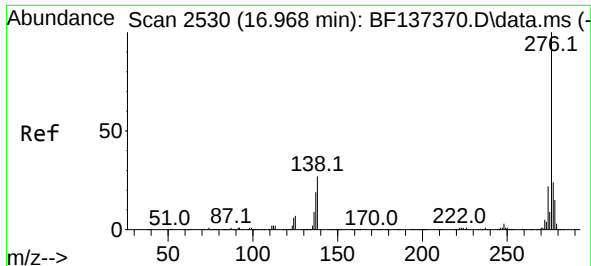
Tgt Ion:149 Resp: 972314
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.1 13.7 20.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:264 Resp: 436313
Ion Ratio Lower Upper
264 100
260 24.0 18.5 27.7
265 22.7 16.9 25.3

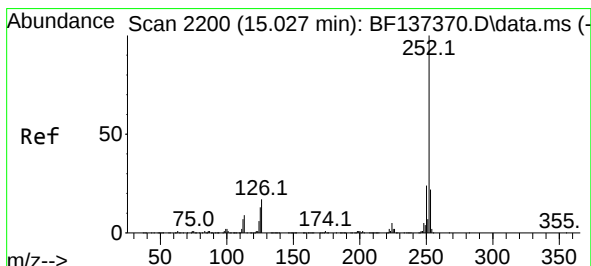
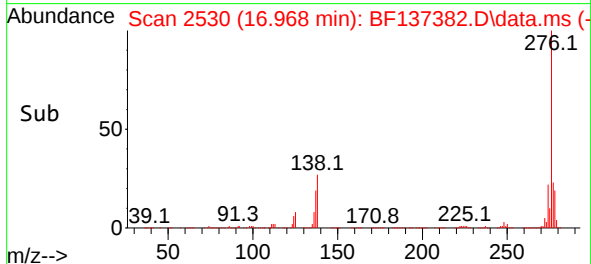
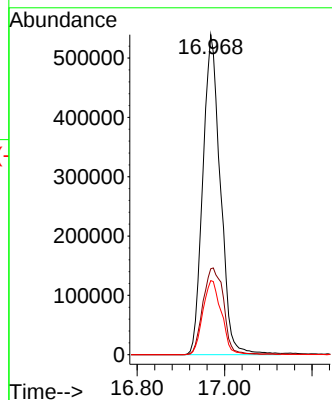
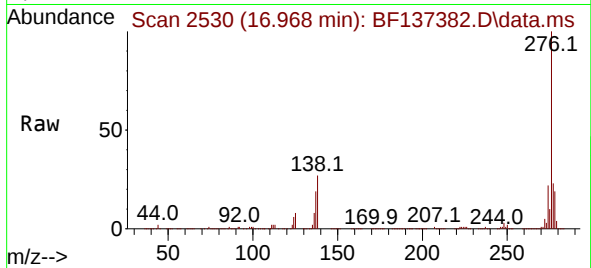




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.936 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

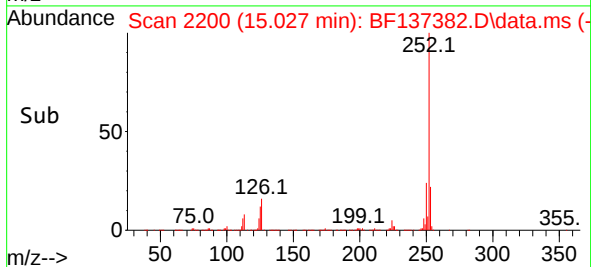
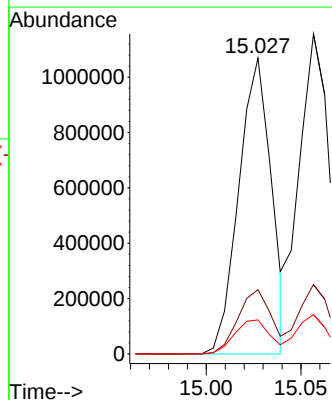
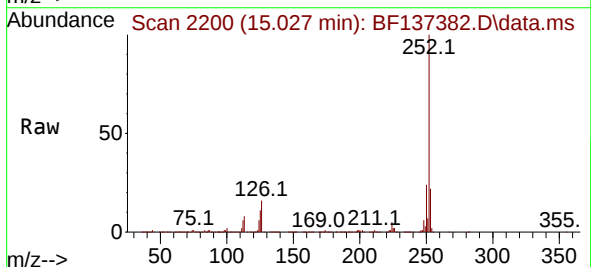
Instrument :
BNA_F
ClientSampleId :
PB159212BS

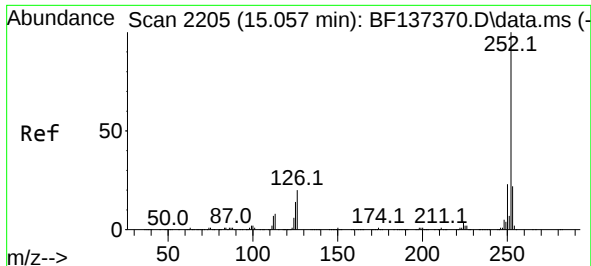
Tgt Ion:276 Resp: 1511014
Ion Ratio Lower Upper
276 100
138 31.7 25.8 38.8
277 24.5 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 47.862 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:252 Resp: 1281048
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 11.5 10.2 15.2





#89

Benzo(k)fluoranthene

Concen: 47.821 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

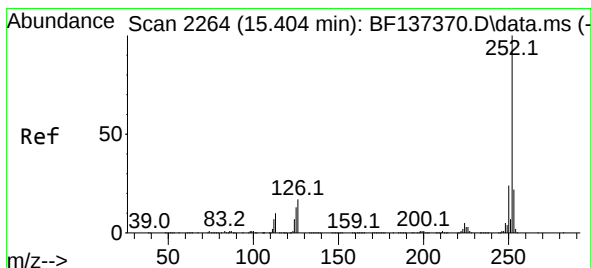
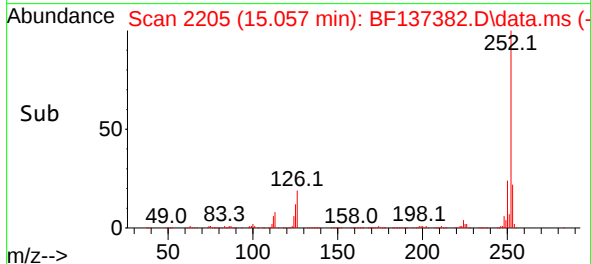
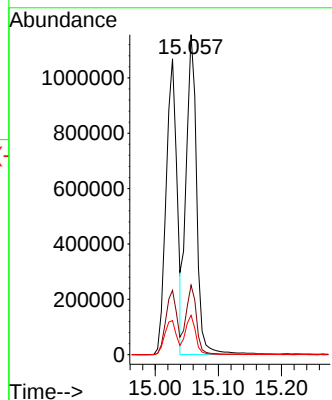
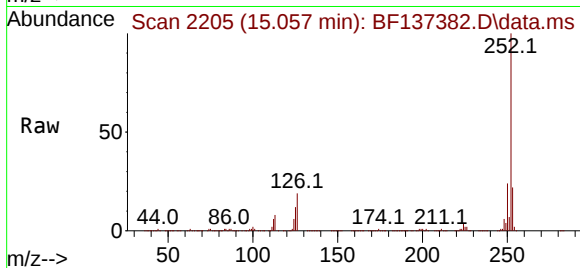
Tgt Ion:252 Resp: 1341531

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 12.3 10.7 16.1



#90

Benzo(a)pyrene

Concen: 47.273 ng

RT: 15.398 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

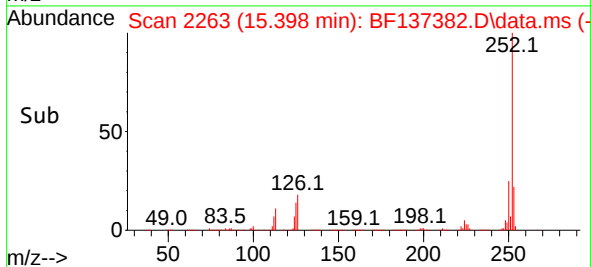
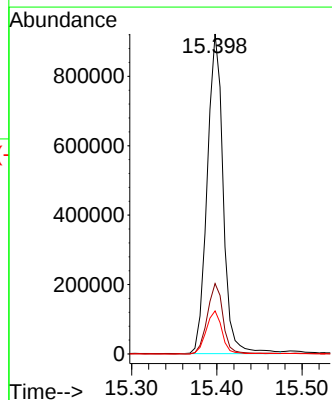
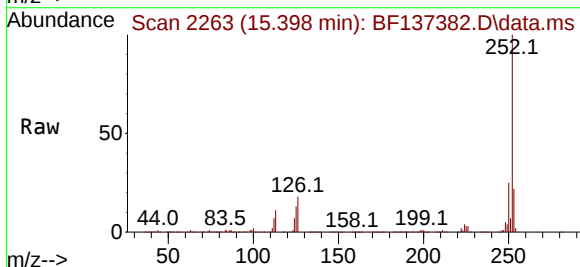
Tgt Ion:252 Resp: 1200187

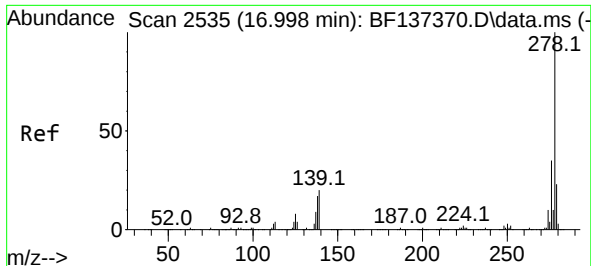
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 13.5 10.6 16.0

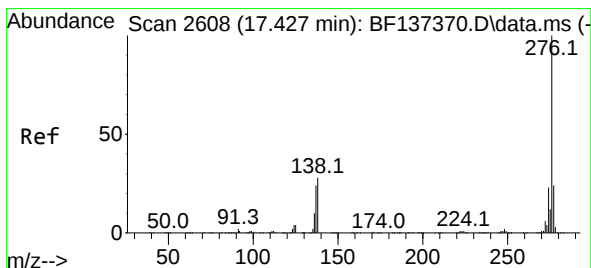
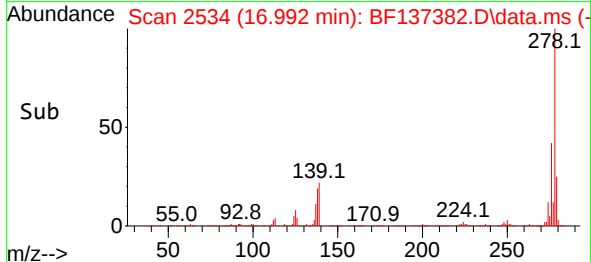
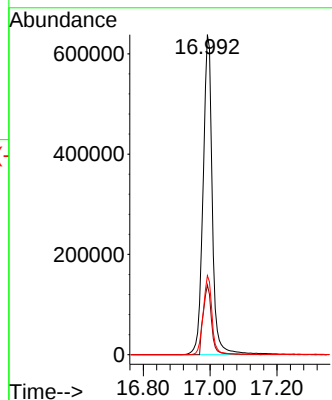
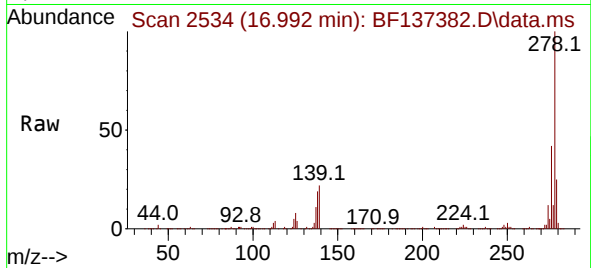




#91
Dibenzo(a,h)anthracene
Concen: 49.599 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB159212BS

Tgt Ion:278 Resp: 1229032
Ion Ratio Lower Upper
278 100
139 21.8 16.2 24.4
279 24.7 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 48.047 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:276 Resp: 1229636
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 28.2 22.6 33.8

