

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137230.D
 Acq On : 01 Feb 2024 14:16
 Operator : CG\JU
 Sample : PB158728BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158728BS

Quant Time: Feb 01 14:37:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	67401	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	274334	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	163799	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	320276	20.000	ng	0.00
76) Chrysene-d12	13.974	240	168729	20.000	ng	0.00
86) Perylene-d12	15.457	264	166752	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	615879	150.777	ng	0.03
7) Phenol-d6	6.440	99	827169	141.899	ng	0.01
23) Nitrobenzene-d5	7.363	82	550492	89.841	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	269667	145.776	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1001348	84.037	ng	0.00
79) Terphenyl-d14	12.922	244	1133785	91.349	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	76179	34.855	ng	97
3) Pyridine	3.428	79	168999	38.812	ng	98
4) n-Nitrosodimethylamine	3.405	42	99670	45.159	ng	# 93
6) Aniline	6.463	93	200985	32.208	ng	93
8) 2-Chlorophenol	6.581	128	224329	49.117	ng	98
9) Benzaldehyde	6.351	77	58421	26.316	ng	98
10) Phenol	6.451	94	302899	46.551	ng	97
11) bis(2-Chloroethyl)ether	6.540	93	218711	50.297	ng	97
12) 1,3-Dichlorobenzene	6.740	146	239863	44.793	ng	97
13) 1,4-Dichlorobenzene	6.816	146	240766	43.475	ng	97
14) 1,2-Dichlorobenzene	6.963	146	231608	44.729	ng	98
15) Benzyl Alcohol	6.945	79	221938	53.590	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.069	45	331819	42.361	ng	99
17) 2-Methylphenol	7.051	107	194423	50.955	ng	97
18) Hexachloroethane	7.304	117	88821	44.469	ng	96
19) n-Nitroso-di-n-propyla...	7.216	70	184227	46.093	ng	99
20) 3+4-Methylphenols	7.204	107	238792	49.437	ng	98
22) Acetophenone	7.210	105	337724	45.728	ng	99
24) Nitrobenzene	7.381	77	274978	46.236	ng	97
25) Isophorone	7.616	82	500632	44.265	ng	96
26) 2-Nitrophenol	7.692	139	111154	48.262	ng	91
27) 2,4-Dimethylphenol	7.734	122	159131	49.225	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	276106	45.971	ng	99
29) 2,4-Dichlorophenol	7.934	162	193576	48.269	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	220581	44.281	ng	97
31) Naphthalene	8.098	128	661019	44.571	ng	100
32) Benzoic acid	7.875	122	129298	55.064	ng	96
33) 4-Chloroaniline	8.145	127	65395	12.819	ng	98
34) Hexachlorobutadiene	8.216	225	147617	44.567	ng	94
35) Caprolactam	8.581	113	17427	13.975	ng	92
36) 4-Chloro-3-methylphenol	8.634	107	231361	48.844	ng	99
37) 2-Methylnaphthalene	8.787	142	445354	44.791	ng	98
38) 1-Methylnaphthalene	8.886	142	422414	45.740	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	237520	43.336	ng	99
41) Hexachlorocyclopentadiene	8.939	237	301142	115.360	ng	96
43) 2,4,6-Trichlorophenol	9.069	196	150153	48.300	ng	99

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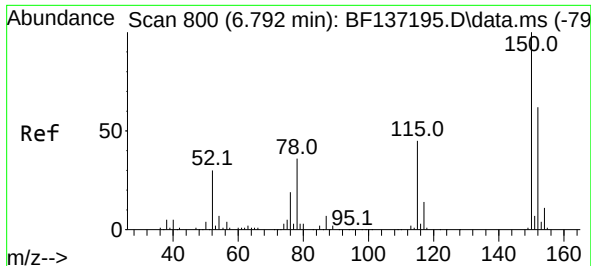
Quant Time: Feb 01 14:37:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	167535	49.303	ng	99
46) 1,1'-Biphenyl	9.257	154	574713	44.099	ng	99
47) 2-Chloronaphthalene	9.281	162	427871	44.363	ng	99
48) 2-Nitroaniline	9.375	65	155861	49.929	ng	94
49) Acenaphthylene	9.692	152	689540	44.659	ng	99
50) Dimethylphthalate	9.563	163	513226	46.379	ng	100
51) 2,6-Dinitrotoluene	9.622	165	121017	51.285	ng	95
52) Acenaphthene	9.869	154	412997	45.512	ng	98
53) 3-Nitroaniline	9.792	138	56398	26.559	ng	95
54) 2,4-Dinitrophenol	9.898	184	128269	116.027	ng	89
55) Dibenzofuran	10.039	168	643436	44.567	ng	98
56) 4-Nitrophenol	9.957	139	167395	119.441	ng	98
57) 2,4-Dinitrotoluene	10.028	165	162144	52.958	ng	94
58) Fluorene	10.386	166	504691	44.591	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	153176	48.447	ng	96
60) Diethylphthalate	10.269	149	518823	47.617	ng	98
61) 4-Chlorophenyl-phenyle...	10.381	204	251318	44.672	ng	98
62) 4-Nitroaniline	10.416	138	93698	46.098	ng	99
63) Azobenzene	10.539	77	539401	44.700	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	89237	52.077	ng	96
66) n-Nitrosodiphenylamine	10.504	169	453300	46.548	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	165774	47.073	ng	94
68) Hexachlorobenzene	10.933	284	180227	45.817	ng	# 87
69) Atrazine	11.033	200	150187	46.718	ng	99
70) Pentachlorophenol	11.128	266	233572	103.582	ng	99
71) Phenanthrene	11.351	178	757330	45.168	ng	99
72) Anthracene	11.404	178	780295	44.649	ng	99
73) Carbazole	11.557	167	649825	44.493	ng	99
74) Di-n-butylphthalate	11.898	149	785707	49.767	ng	99
75) Fluoranthene	12.539	202	753553	42.950	ng	98
77) Benzidine	12.669	184	171870	56.885	ng	98
78) Pyrene	12.769	202	756042	46.626	ng	98
80) Butylbenzylphthalate	13.404	149	242480	58.458	ng	100
81) Benzo(a)anthracene	13.963	228	550455	46.065	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	120413	36.986	ng	98
83) Chrysene	14.004	228	543023	46.223	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	291472	60.399	ng	99
85) Di-n-octyl phthalate	14.586	149	470666	61.339	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	541918	46.257	ng	99
88) Benzo(b)fluoranthene	15.021	252	489042	47.688	ng	98
89) Benzo(k)fluoranthene	15.057	252	470682	43.386	ng	100
90) Benzo(a)pyrene	15.398	252	436959	45.277	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	441348	47.016	ng	98
92) Benzo(g,h,i)perylene	17.415	276	421324	45.730	ng	98

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

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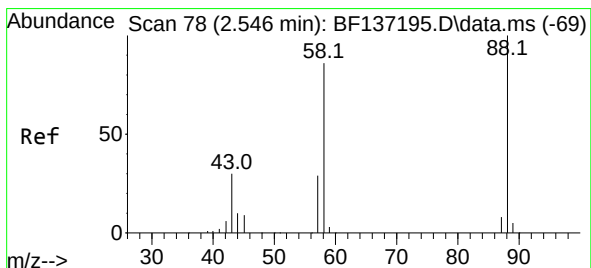
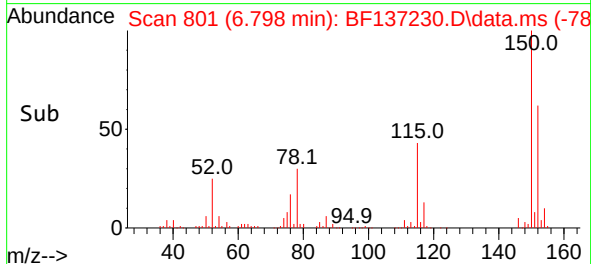
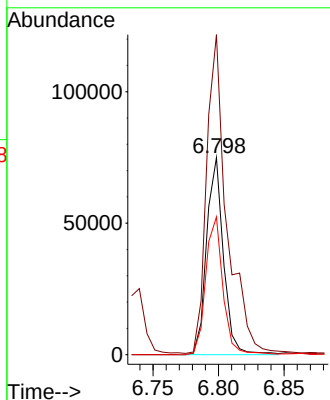
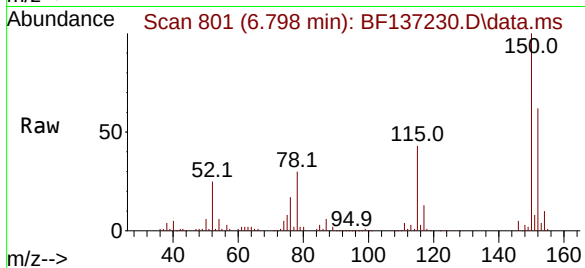




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF137230.D
 Acq: 01 Feb 2024 14:16

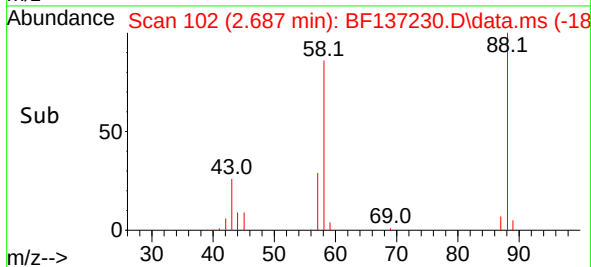
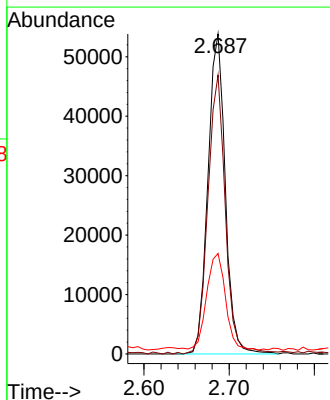
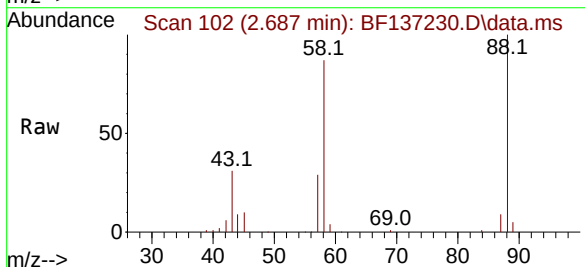
Instrument :
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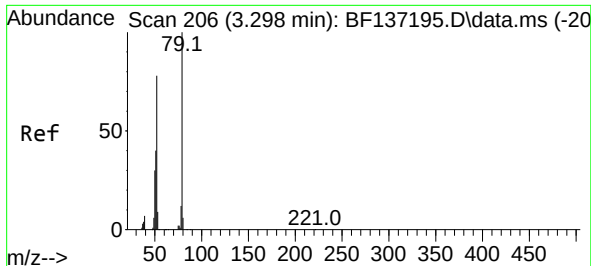
Tgt Ion:152 Resp: 67401
 Ion Ratio Lower Upper
 152 100
 150 162.3 129.8 194.8
 115 69.9 58.5 87.7



#2
 1,4-Dioxane
 Concen: 34.855 ng
 RT: 2.687 min Scan# 102
 Delta R.T. 0.141 min
 Lab File: BF137230.D
 Acq: 01 Feb 2024 14:16

Tgt Ion: 88 Resp: 76179
 Ion Ratio Lower Upper
 88 100
 58 88.3 67.8 101.8
 43 32.9 26.6 40.0

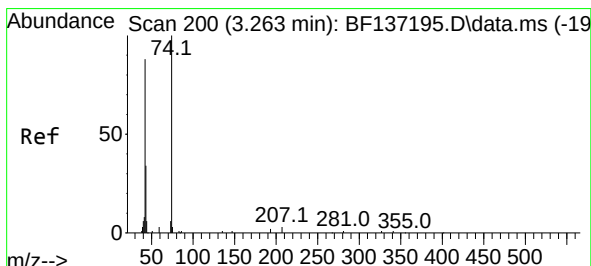
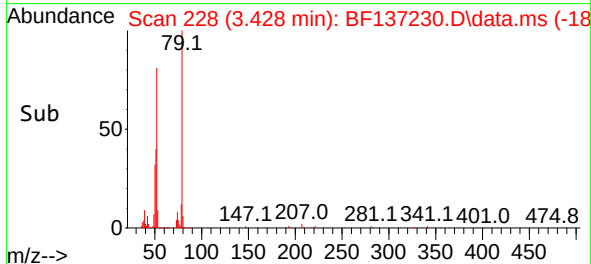
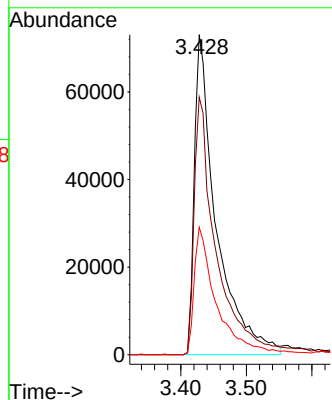
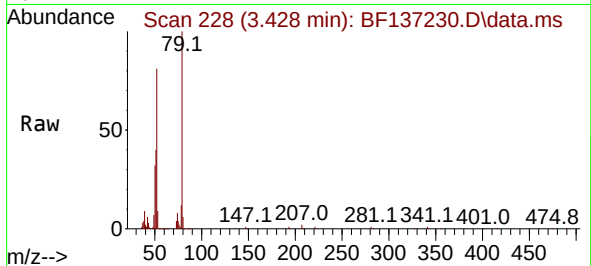




#3
Pyridine
Concen: 38.812 ng
RT: 3.428 min Scan# 21
Delta R.T. 0.130 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

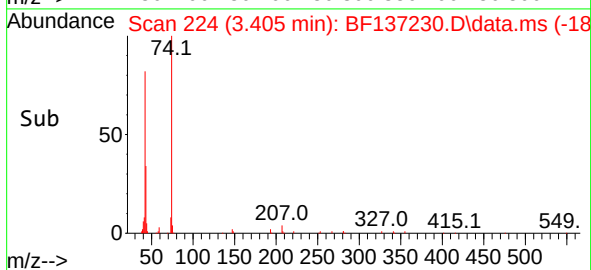
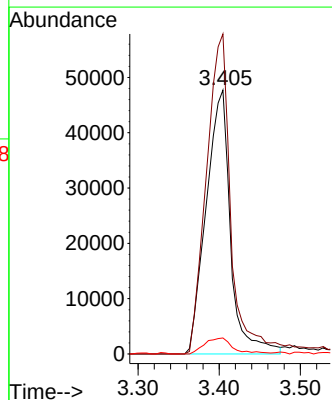
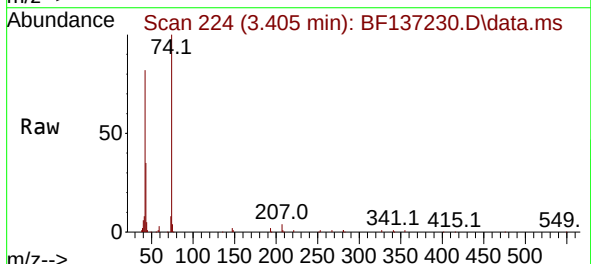
Instrument :
BNA_F
ClientSampleId :
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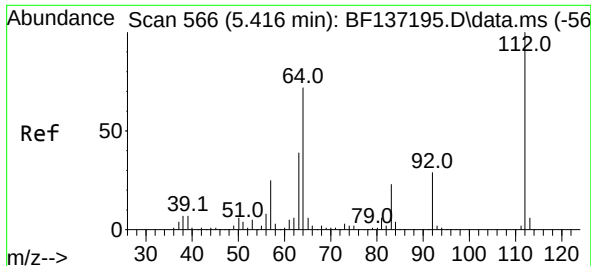
Tgt Ion: 79 Resp: 168999
Ion Ratio Lower Upper
79 100
52 80.5 62.6 94.0
51 39.8 33.0 49.4



#4
n-Nitrosodimethylamine
Concen: 45.159 ng
RT: 3.405 min Scan# 224
Delta R.T. 0.142 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion: 42 Resp: 99670
Ion Ratio Lower Upper
42 100
74 121.3 90.5 135.7
44 6.0 6.1 9.1#

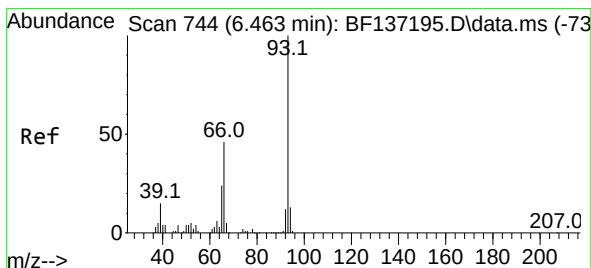
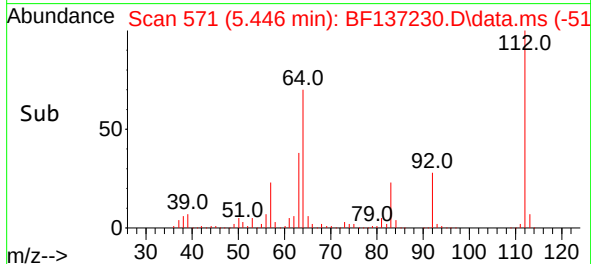
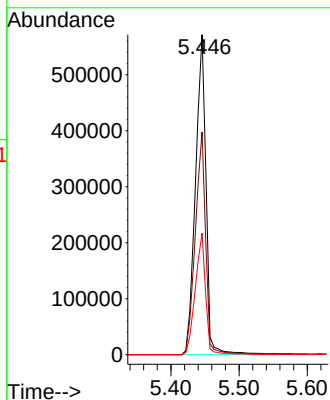
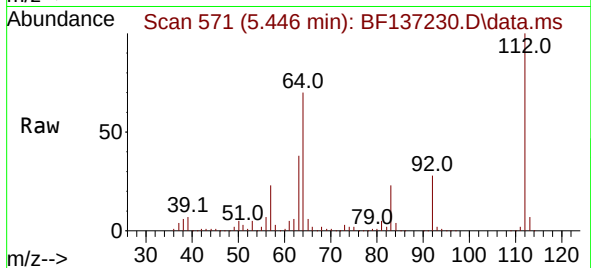




#5
2-Fluorophenol
Concen: 150.777 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.030 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

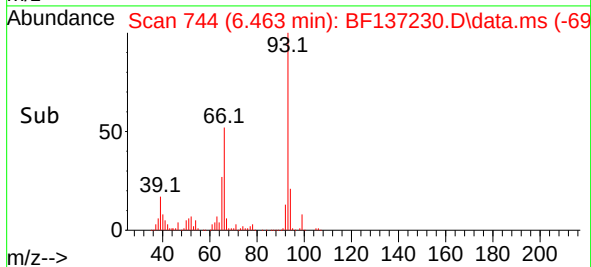
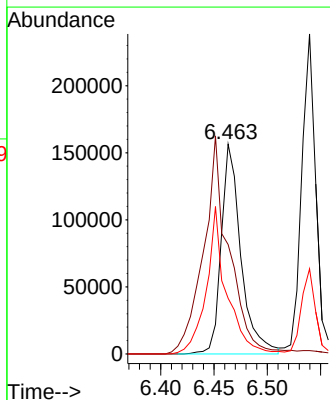
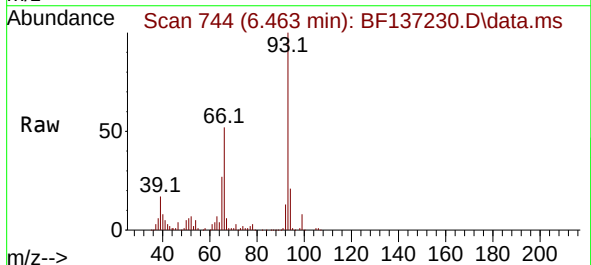
Instrument :
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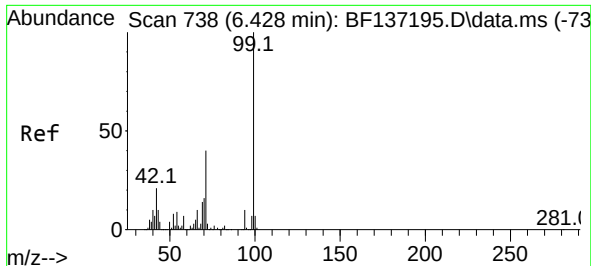
Tgt Ion:112 Resp: 615879
Ion Ratio Lower Upper
112 100
64 69.6 57.8 86.6
63 38.0 31.4 47.0



#6
Aniline
Concen: 32.208 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion: 93 Resp: 200985
Ion Ratio Lower Upper
93 100
66 52.2 37.9 56.9
65 26.6 19.0 28.4





#7

Phenol-d6

Concen: 141.899 ng

RT: 6.440 min Scan# 740

Delta R.T. 0.012 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB158728BS

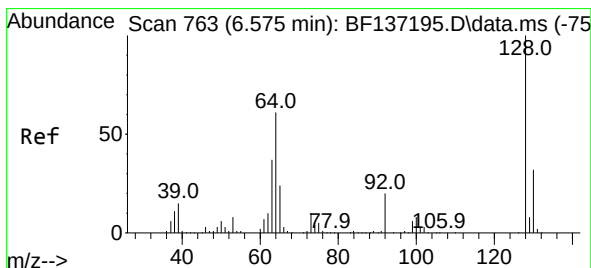
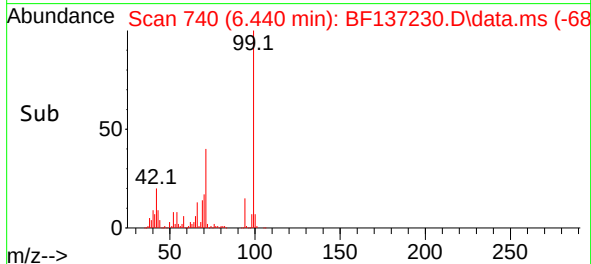
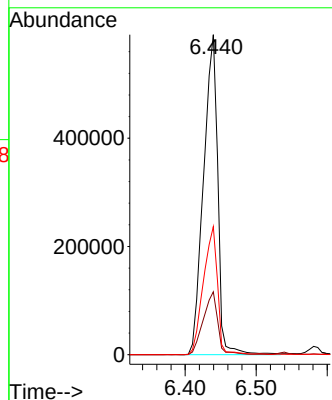
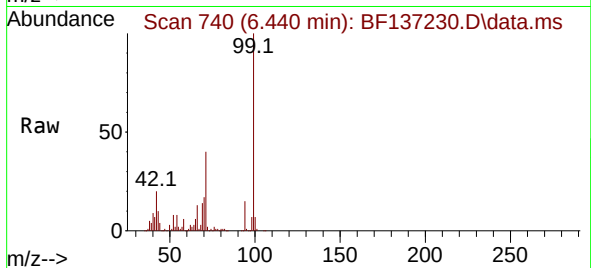
Tgt Ion: 99 Resp: 827169

Ion Ratio Lower Upper

99 100

42 19.6 16.4 24.6

71 40.0 32.4 48.6



#8

2-Chlorophenol

Concen: 49.117 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

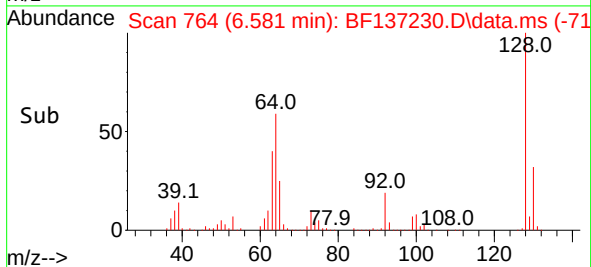
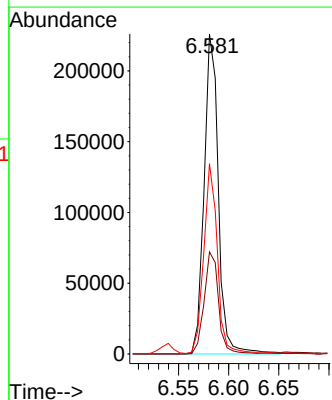
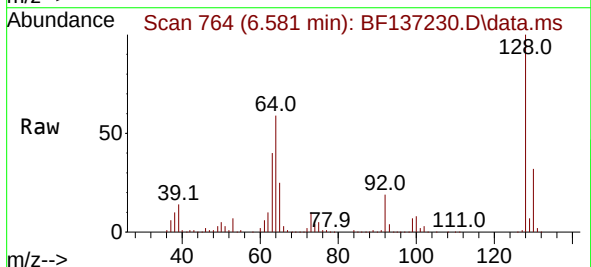
Tgt Ion: 128 Resp: 224329

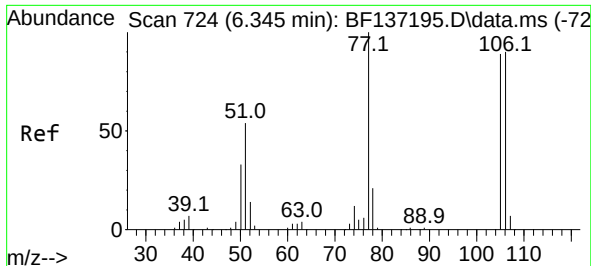
Ion Ratio Lower Upper

128 100

130 31.9 12.4 52.4

64 59.4 41.6 81.6





#9

Benzaldehyde

Concen: 26.316 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.006 min

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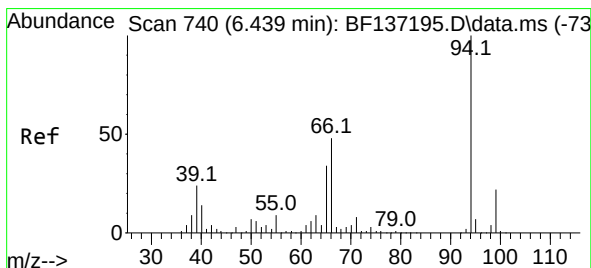
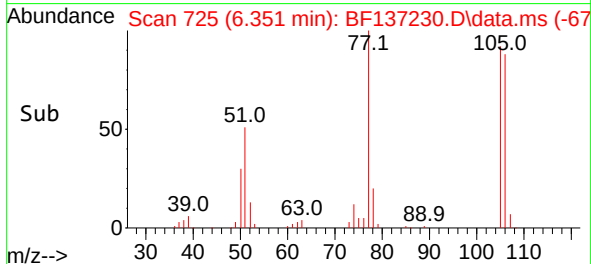
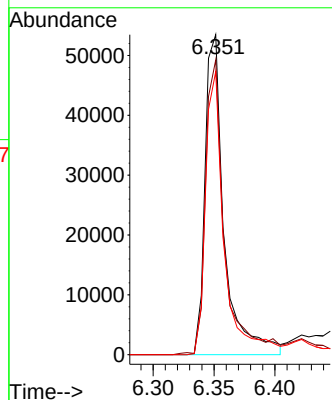
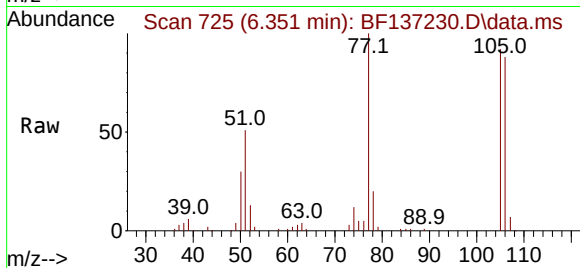
Tgt Ion: 77 Resp: 58421

Ion Ratio Lower Upper

77 100

105 92.1 69.1 109.1

106 88.5 69.6 109.6



#10

Phenol

Concen: 46.551 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.012 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

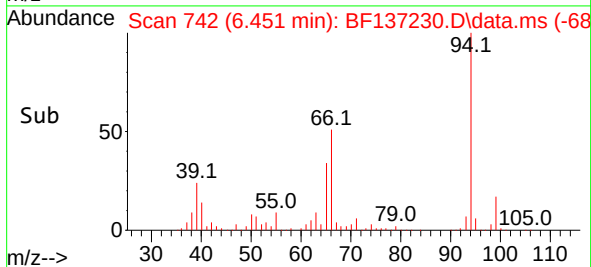
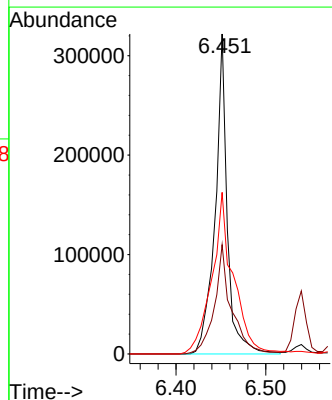
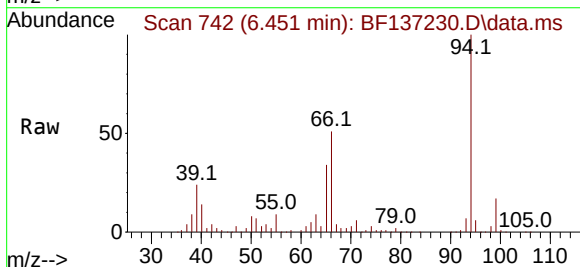
Tgt Ion: 94 Resp: 302899

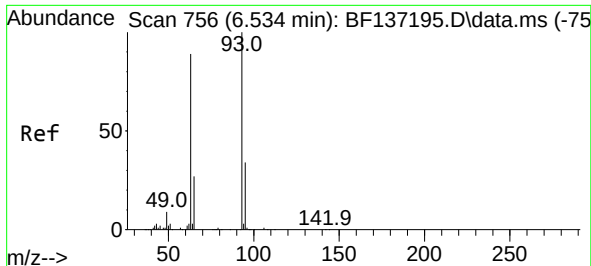
Ion Ratio Lower Upper

94 100

65 34.1 13.7 53.7

66 50.5 27.8 67.8





#11

bis(2-Chloroethyl)ether

Concen: 50.297 ng

RT: 6.540 min Scan# 70

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB158728BS

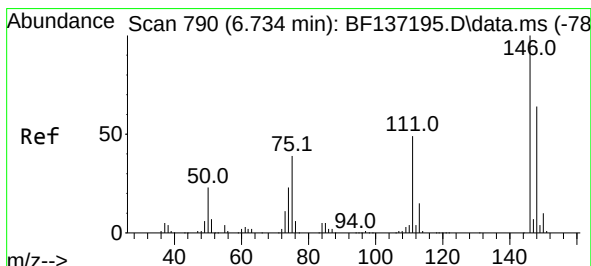
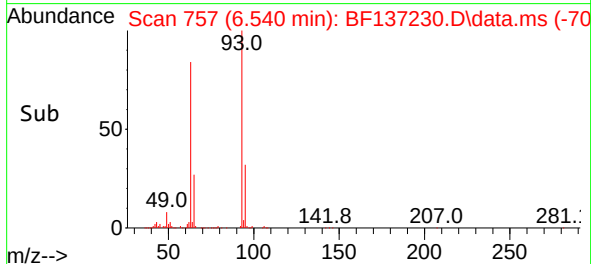
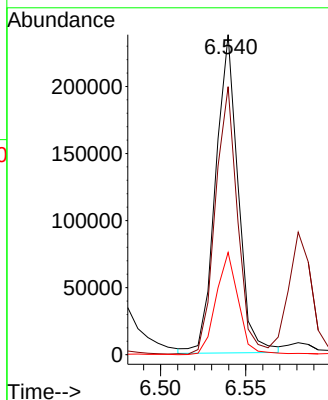
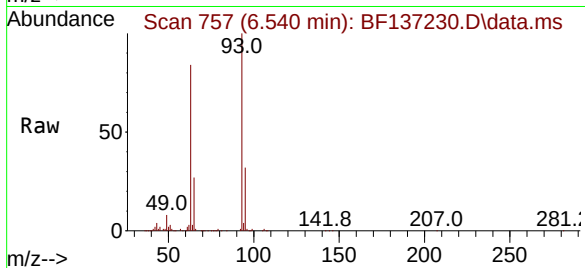
Tgt Ion: 93 Resp: 218711

Ion Ratio Lower Upper

93 100

63 83.8 66.7 106.7

95 31.9 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 44.793 ng

RT: 6.740 min Scan# 791

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

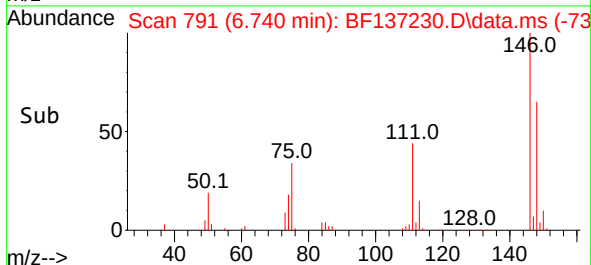
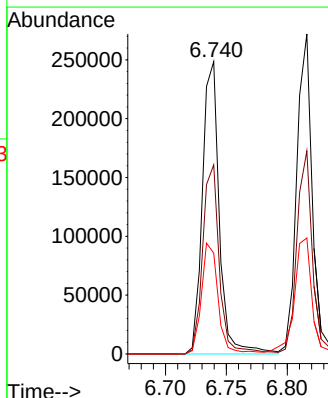
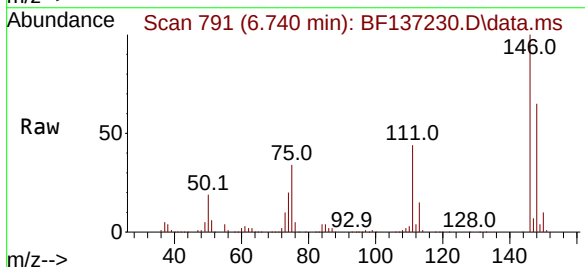
Tgt Ion:146 Resp: 239863

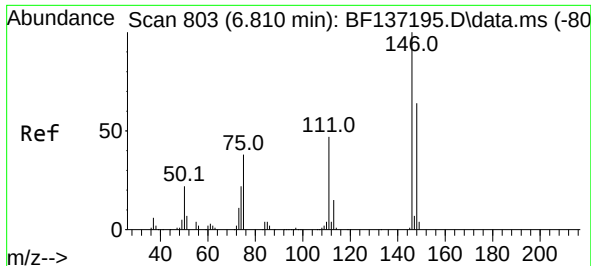
Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.0

75 34.5 31.3 46.9

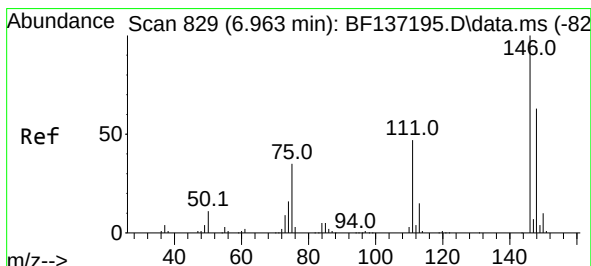
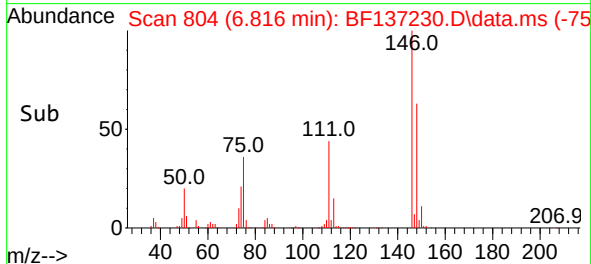
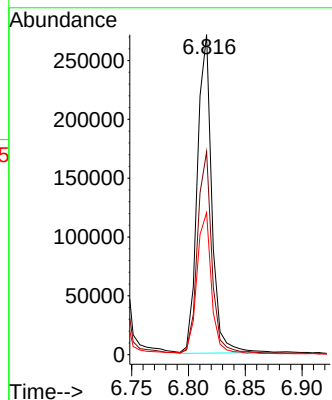
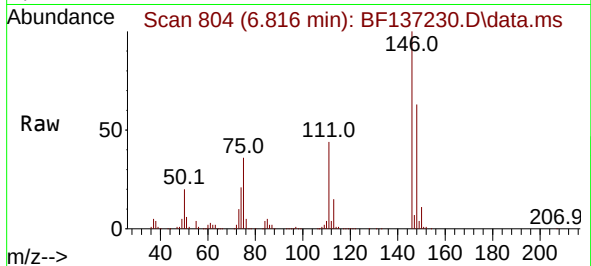




#13
1,4-Dichlorobenzene
Concen: 43.475 ng
RT: 6.816 min Scan# 803
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

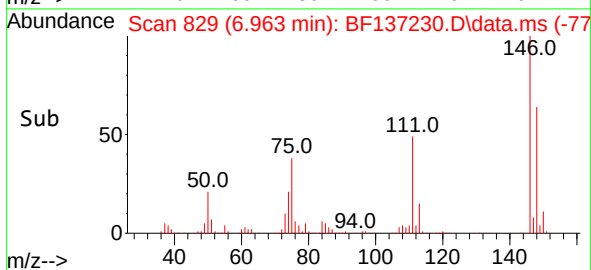
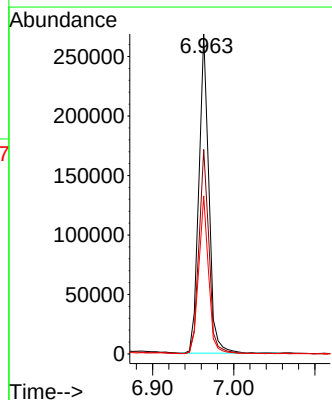
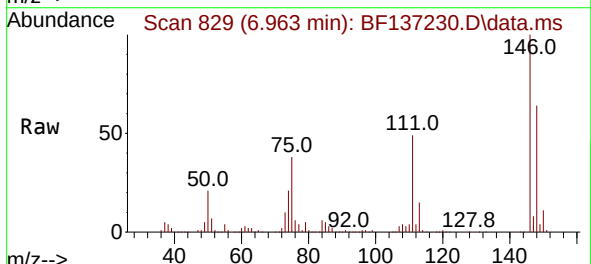
Instrument :
BNA_F
ClientSampleId :
PB158728BS

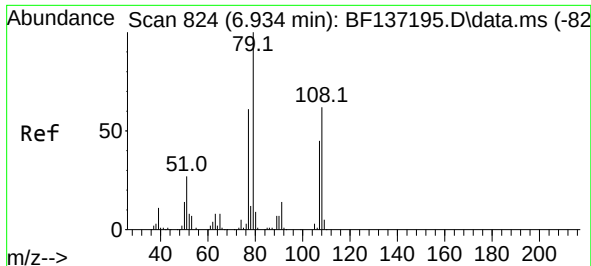
Tgt Ion:146 Resp: 240766
Ion Ratio Lower Upper
146 100
148 63.5 51.5 77.3
111 44.3 38.1 57.1



#14
1,2-Dichlorobenzene
Concen: 44.729 ng
RT: 6.963 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:146 Resp: 231608
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
111 49.4 37.3 55.9

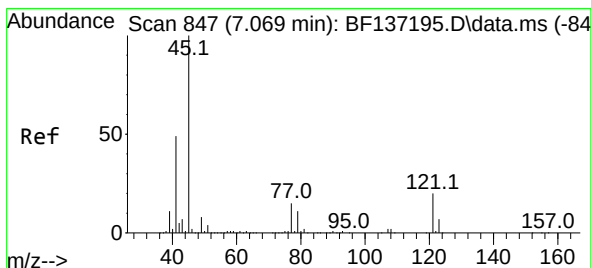
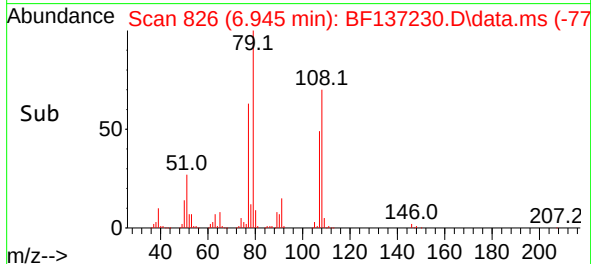
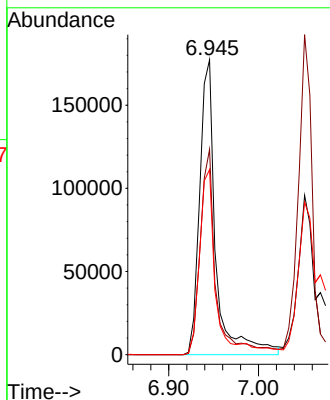
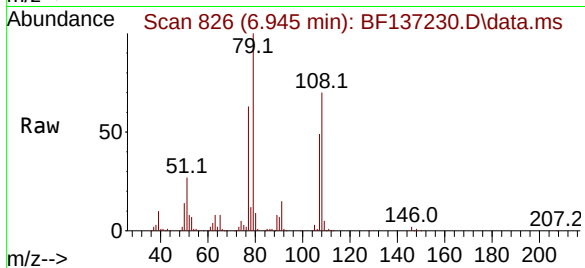




#15
Benzyl Alcohol
Concen: 53.590 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

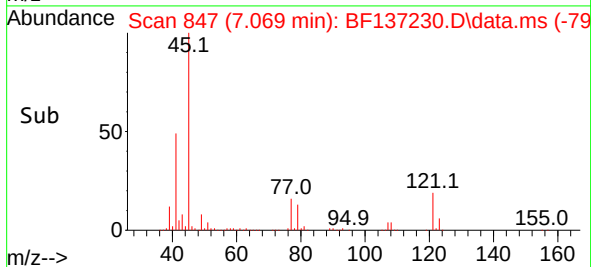
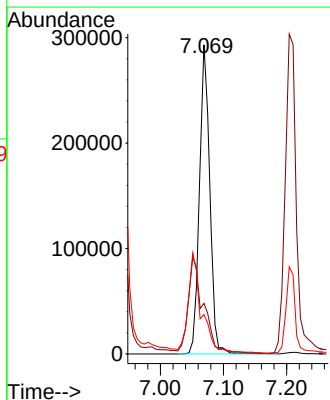
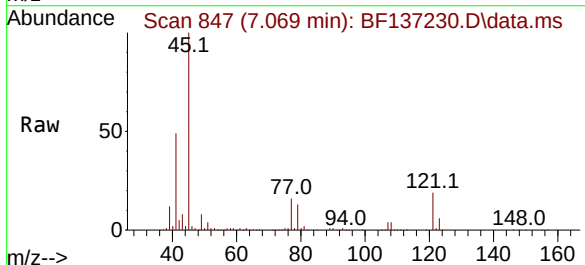
Instrument :
BNA_F
ClientSampleId :
PB158728BS

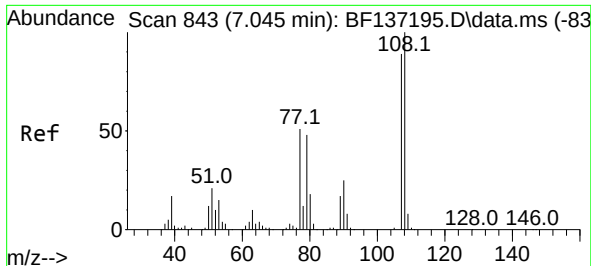
Tgt Ion: 79 Resp: 221938
Ion Ratio Lower Upper
79 100
108 69.6 49.3 73.9
77 62.8 48.8 73.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.361 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion: 45 Resp: 331819
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.9
79 12.7 0.0 32.4

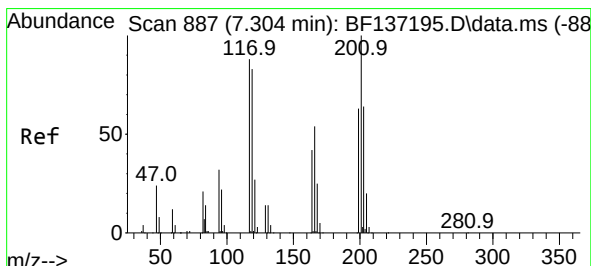
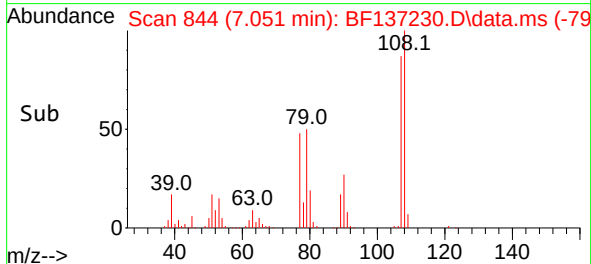
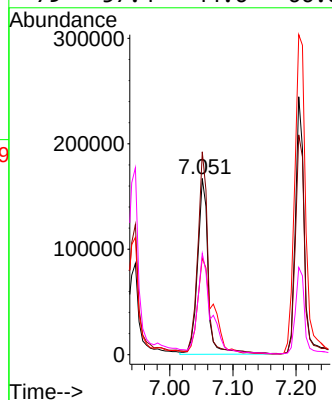
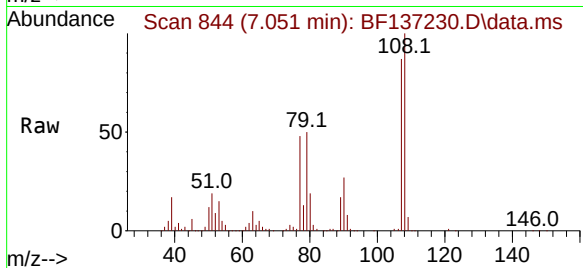




#17
2-Methylphenol
Concen: 50.955 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

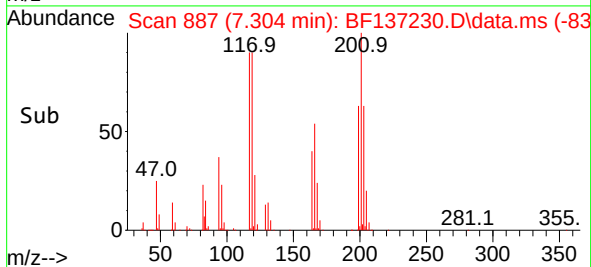
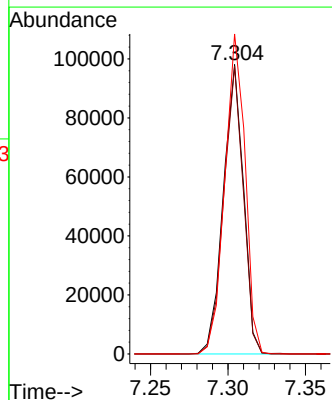
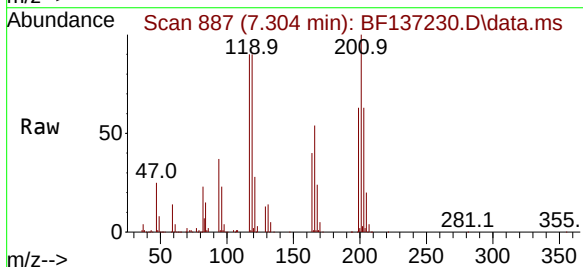
Instrument :
BNA_F
ClientSampleId :
PB158728BS

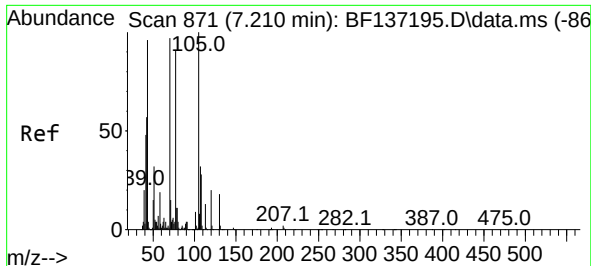
Tgt Ion:	107	Resp:	194423
Ion	Ratio	Lower	Upper
107	100		
108	115.2	89.9	134.9
77	55.0	46.6	69.8
79	57.4	44.6	66.8



#18
Hexachloroethane
Concen: 44.469 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:	117	Resp:	88821
Ion	Ratio	Lower	Upper
117	100		
119	99.4	76.2	114.4
201	110.6	91.4	137.0

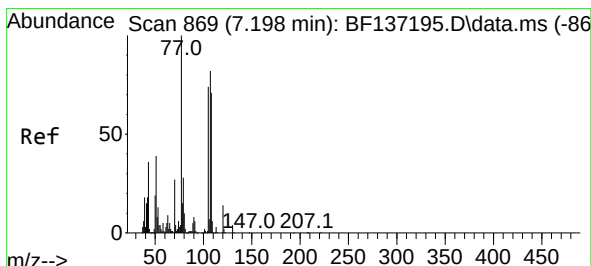
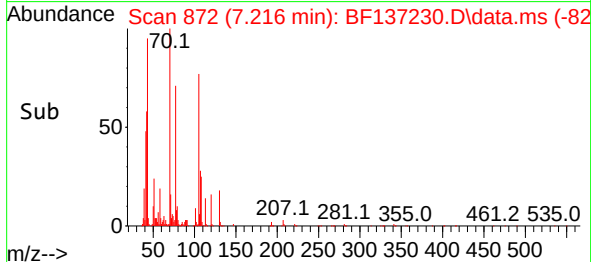
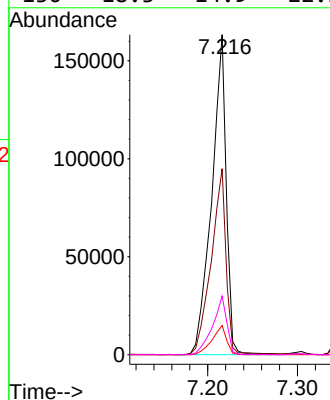
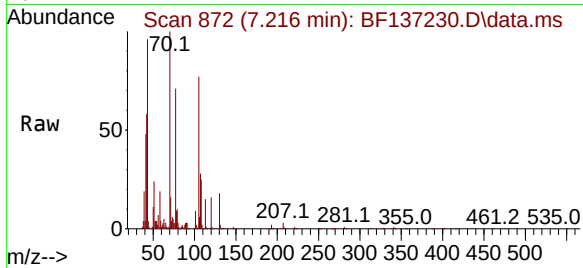




#19
n-Nitroso-di-n-propylamine
Concen: 46.093 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

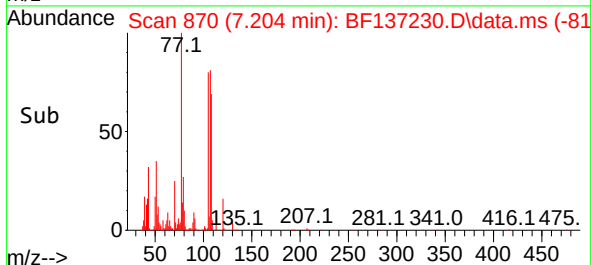
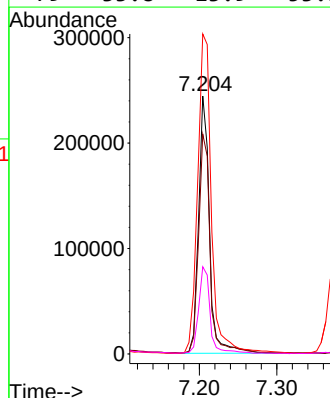
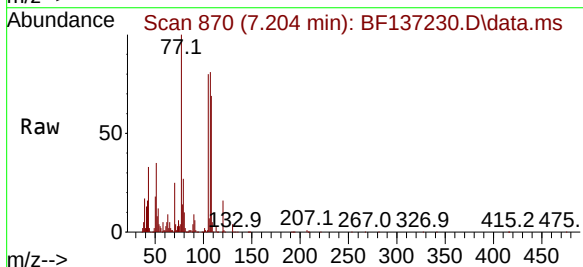
Instrument :
BNA_F
ClientSampleId :
PB158728BS

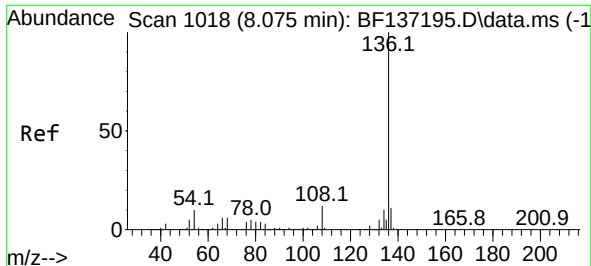
Tgt Ion: 70 Resp: 184227
Ion Ratio Lower Upper
70 100
42 58.2 47.2 70.8
101 9.2 7.4 11.0
130 18.3 14.9 22.3



#20
3+4-Methylphenols
Concen: 49.437 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

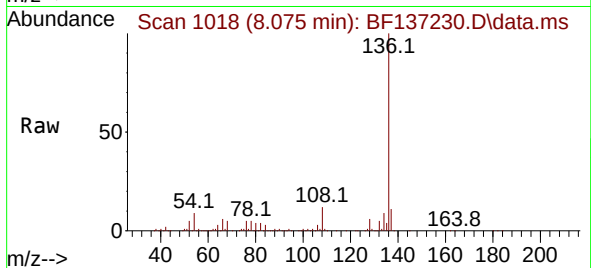
Tgt Ion: 107 Resp: 238792
Ion Ratio Lower Upper
107 100
108 85.2 66.3 106.3
77 124.0 101.4 141.4
79 33.8 13.9 53.9



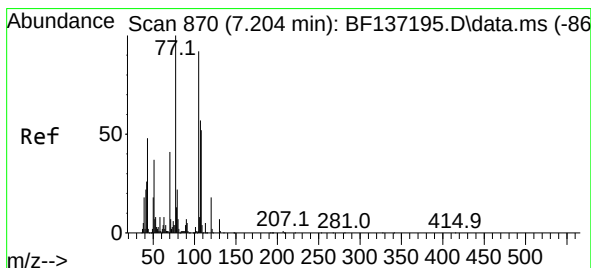
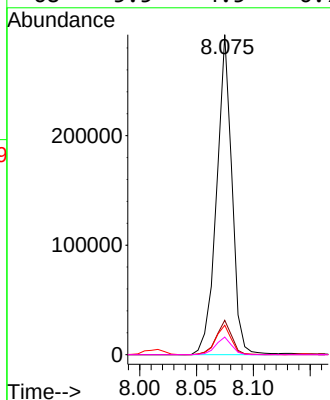
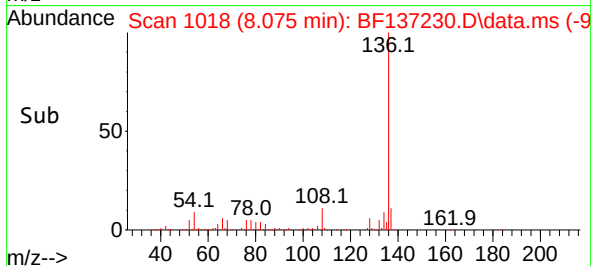


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

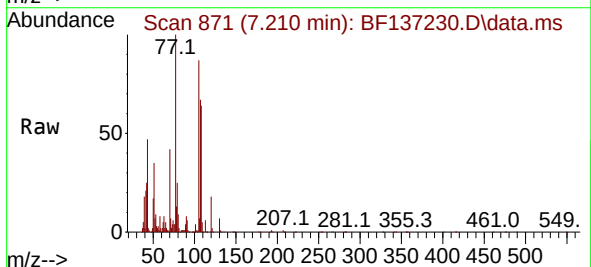
Instrument :
BNA_F
ClientSampleId :
PB158728BS



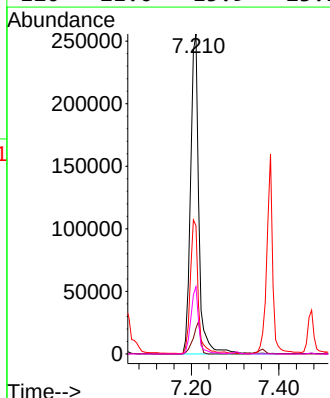
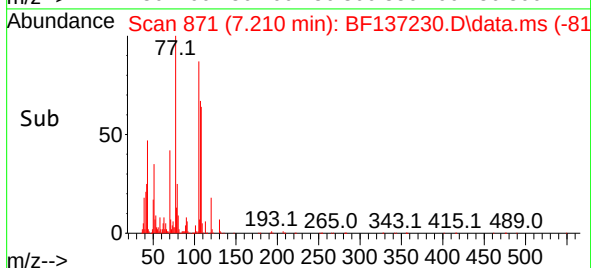
Tgt Ion:	136	Resp:	274334
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.2	7.8	11.8
68	5.5	4.5	6.7

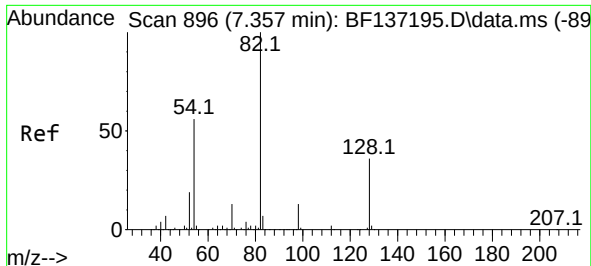


#22
Acetophenone
Concen: 45.728 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16



Tgt Ion:	105	Resp:	337724
Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.7	8.5
51	40.1	32.2	48.4
120	21.0	15.9	23.9

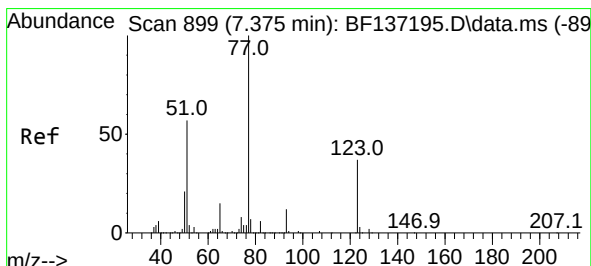
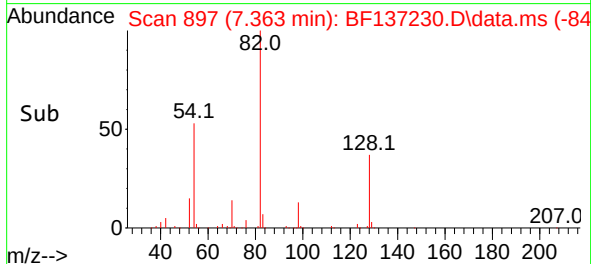
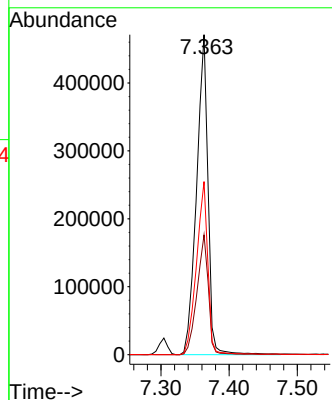
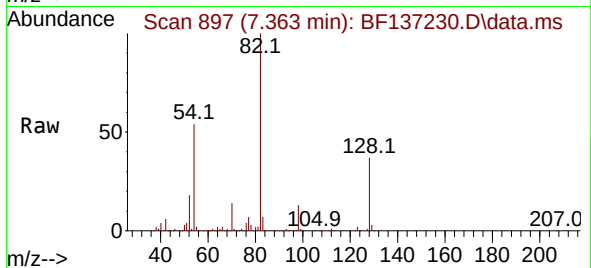




#23
Nitrobenzene-d5
Concen: 89.841 ng
RT: 7.363 min Scan# 89
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

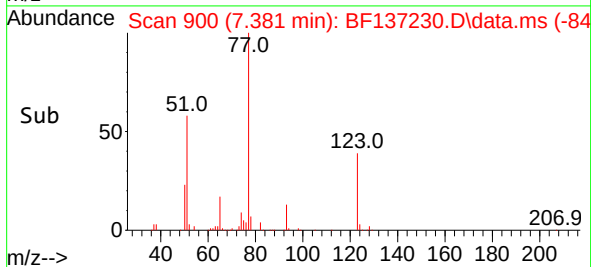
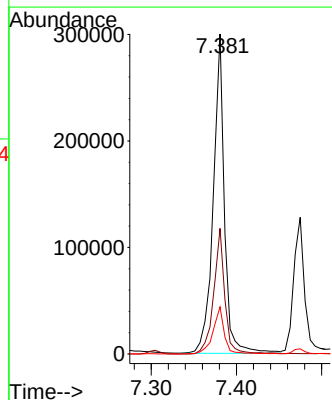
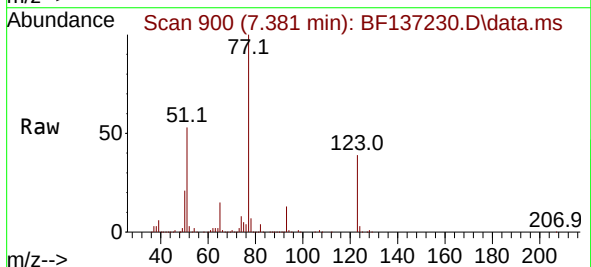
Instrument :
BNA_F
ClientSampleId :
PB158728BS

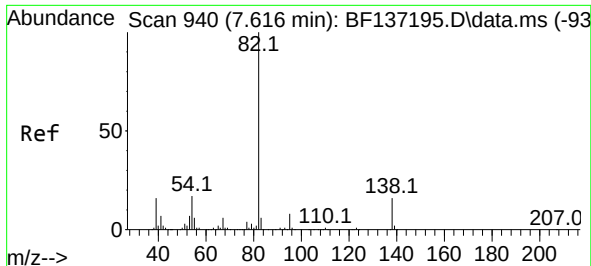
Tgt Ion: 82 Resp: 550492
Ion Ratio Lower Upper
82 100
128 37.4 29.1 43.7
54 54.1 45.0 67.6



#24
Nitrobenzene
Concen: 46.236 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion: 77 Resp: 274978
Ion Ratio Lower Upper
77 100
123 39.2 29.3 43.9
65 14.7 12.0 18.0

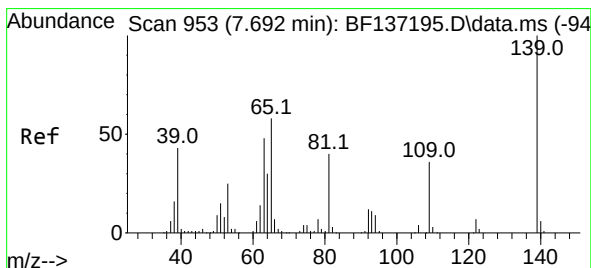
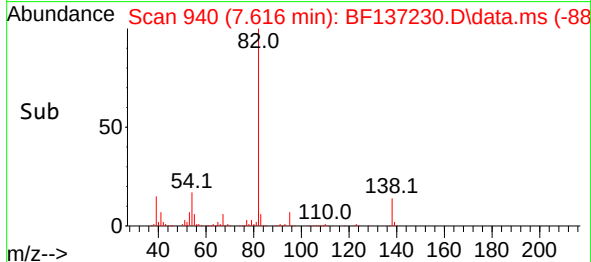
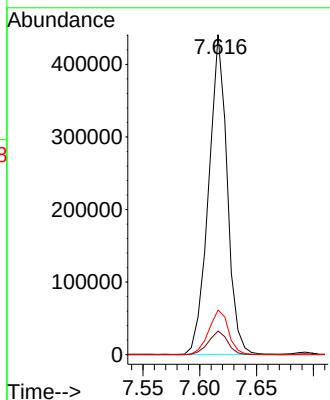
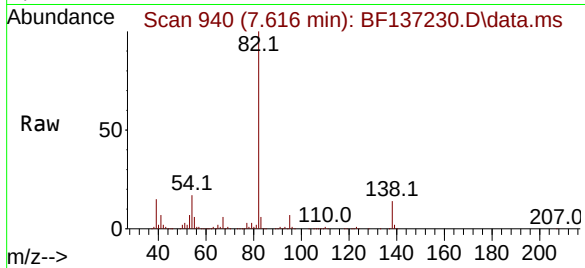




#25
Isophorone
Concen: 44.265 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

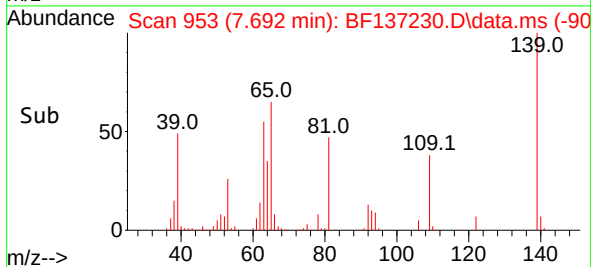
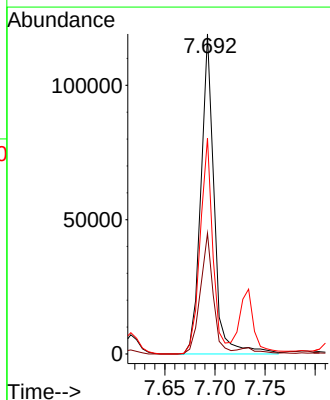
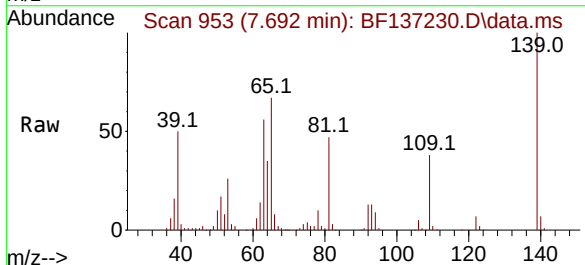
Instrument :
BNA_F
ClientSampleId :
PB158728BS

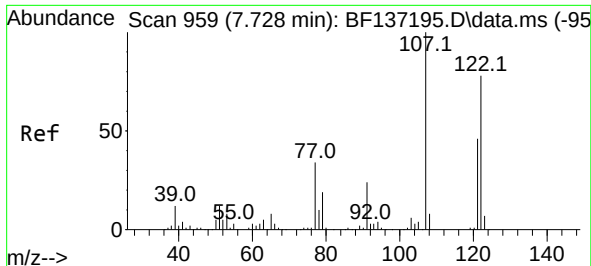
Tgt Ion: 82 Resp: 500632
Ion Ratio Lower Upper
82 100
95 7.4 6.4 9.6
138 14.0 12.7 19.1



#26
2-Nitrophenol
Concen: 48.262 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion: 139 Resp: 111154
Ion Ratio Lower Upper
139 100
109 37.7 28.5 42.7
65 67.5 46.7 70.1

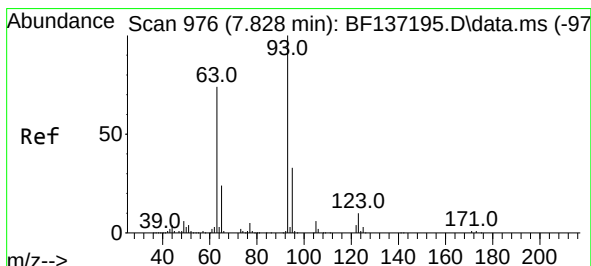
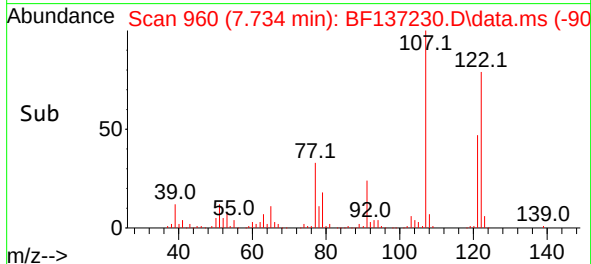
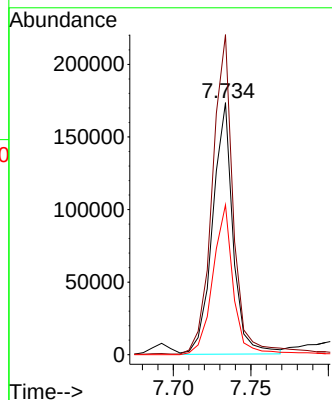
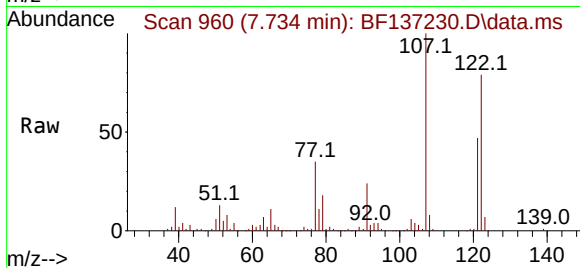




#27
2,4-Dimethylphenol
Concen: 49.225 ng
RT: 7.734 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

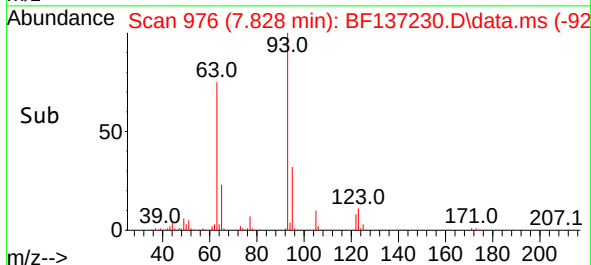
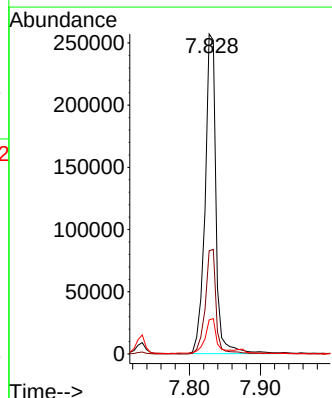
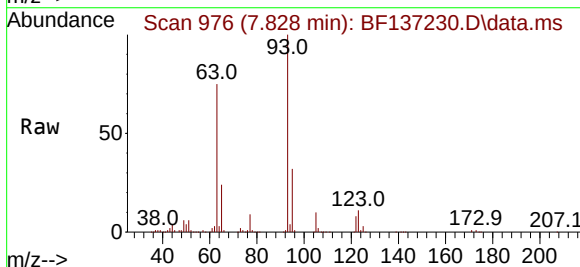
Instrument :
BNA_F
ClientSampleId :
PB158728BS

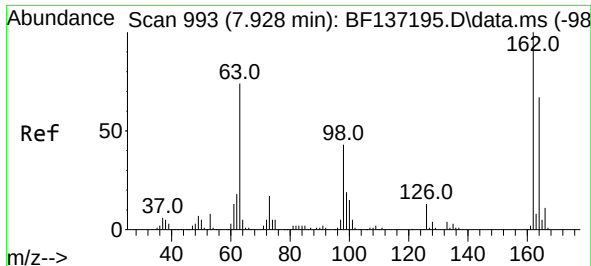
Tgt Ion:122 Resp: 159131
Ion Ratio Lower Upper
122 100
107 127.0 101.8 152.6
121 59.4 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 45.971 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion: 93 Resp: 276106
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 10.7 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 48.269 ng

RT: 7.934 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB158728BS

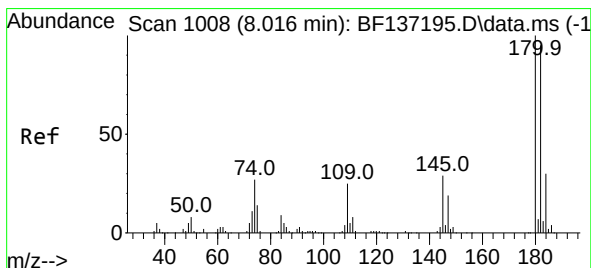
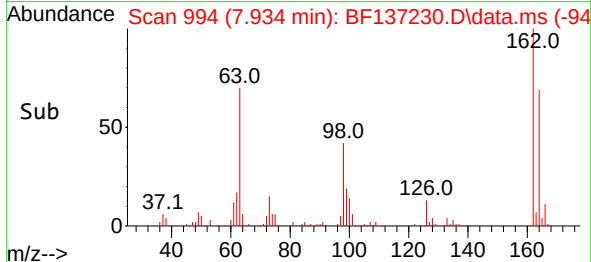
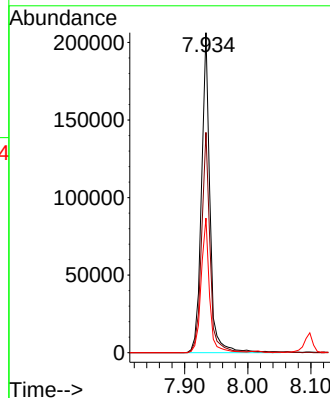
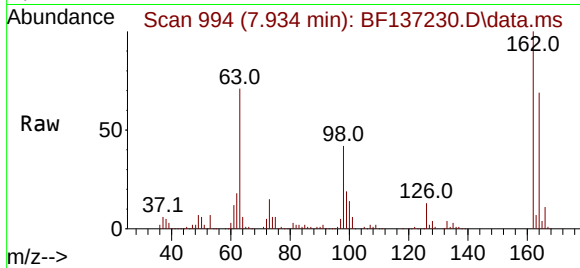
Tgt Ion:162 Resp: 193576

Ion Ratio Lower Upper

162 100

164 68.9 46.7 86.7

98 42.1 22.9 62.9



#30

1,2,4-Trichlorobenzene

Concen: 44.281 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

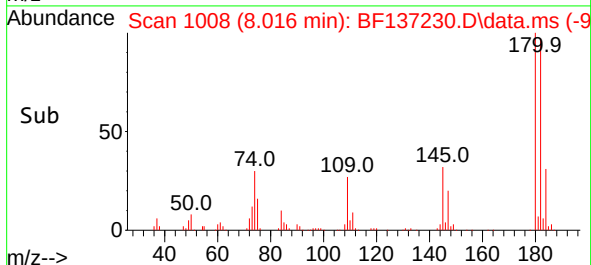
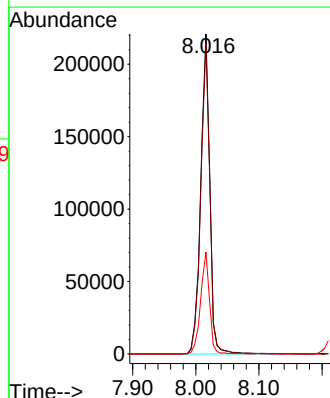
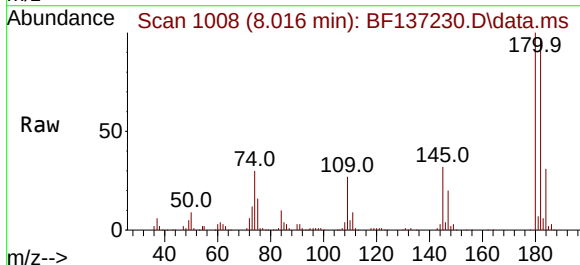
Tgt Ion:180 Resp: 220581

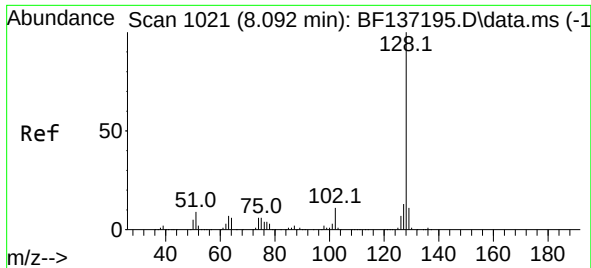
Ion Ratio Lower Upper

180 100

182 97.2 75.9 113.9

145 31.8 23.2 34.8

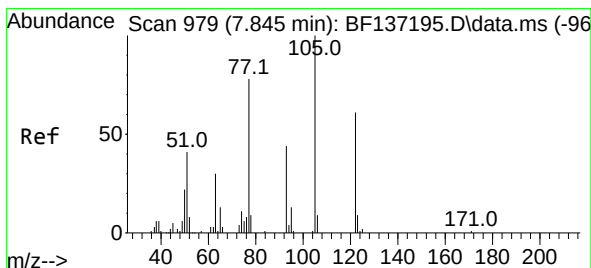
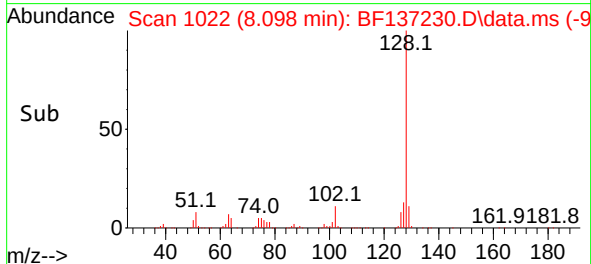
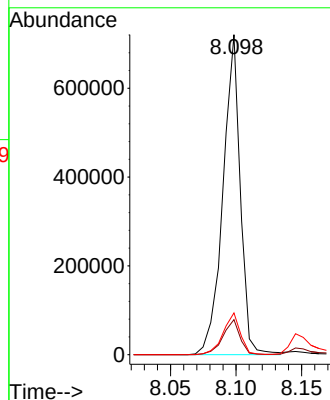
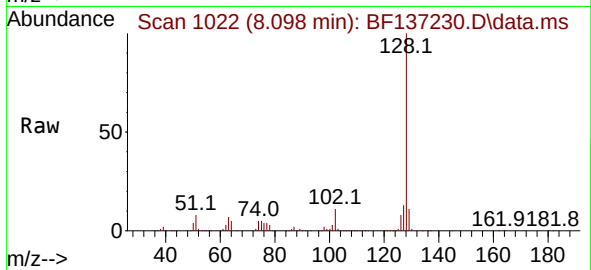




#31
Naphthalene
Concen: 44.571 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

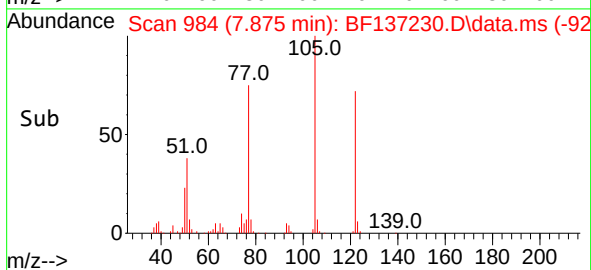
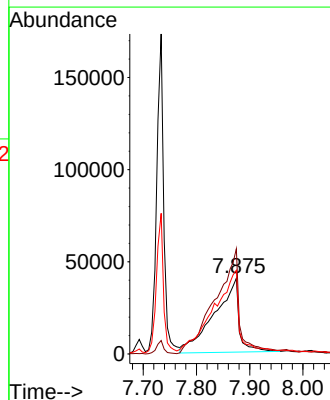
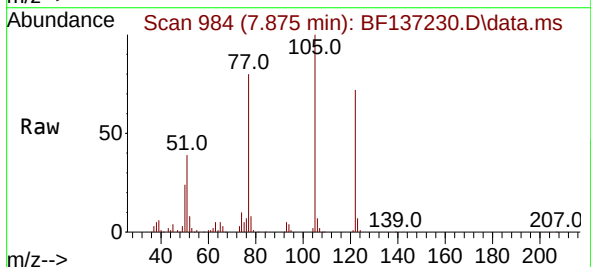
Instrument :
BNA_F
ClientSampleId :
PB158728BS

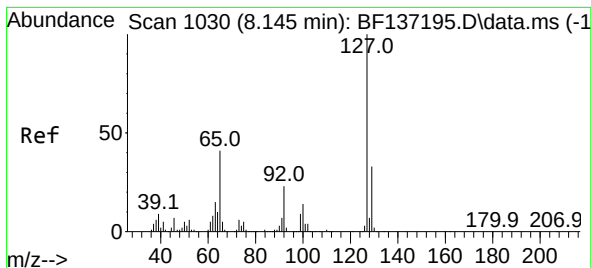
Tgt Ion:128 Resp: 661019
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 55.064 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.030 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:122 Resp: 129298
Ion Ratio Lower Upper
122 100
105 139.0 122.5 162.5
77 110.6 96.4 136.4





#33

4-Chloroaniline

Concen: 12.819 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB158728BS

Tgt Ion:127 Resp: 65395

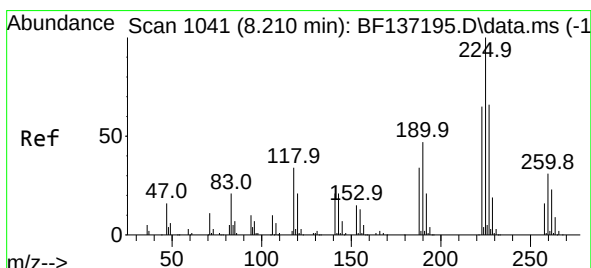
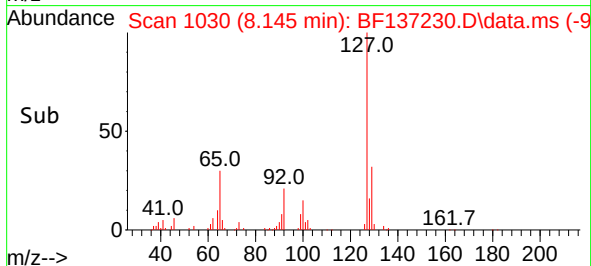
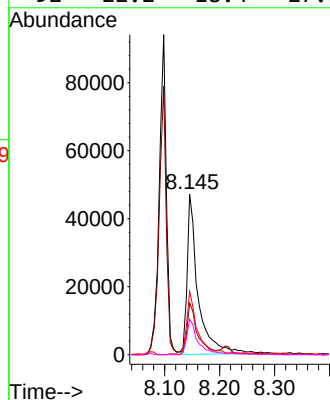
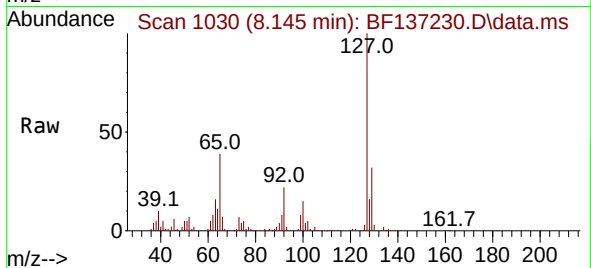
Ion Ratio Lower Upper

127 100

129 32.2 26.8 40.2

65 39.3 32.9 49.3

92 22.2 18.4 27.6



#34

Hexachlorobutadiene

Concen: 44.567 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

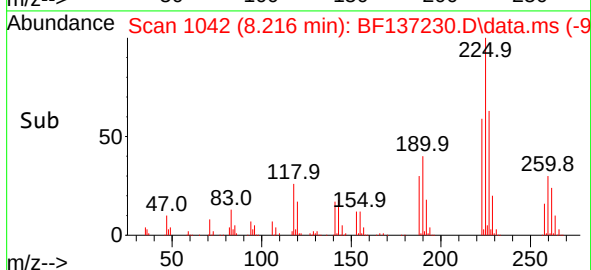
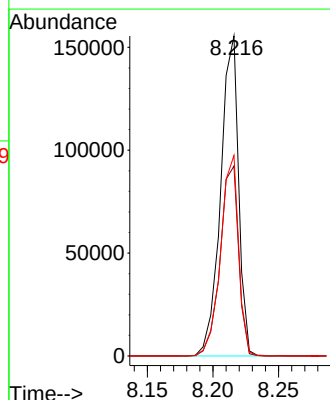
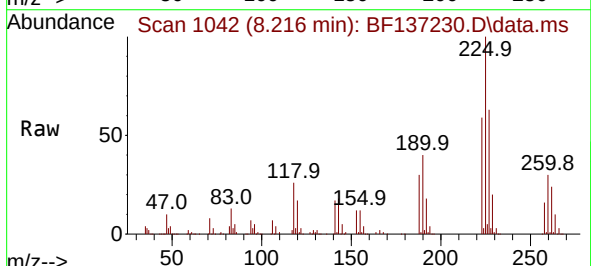
Tgt Ion:225 Resp: 147617

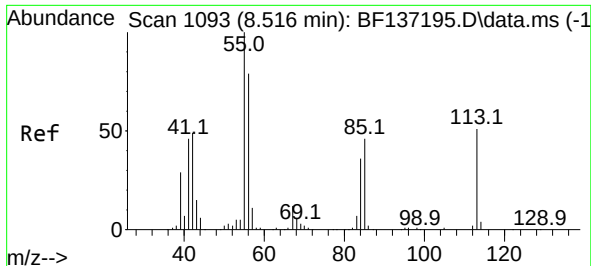
Ion Ratio Lower Upper

225 100

223 59.4 52.0 78.0

227 62.6 52.9 79.3

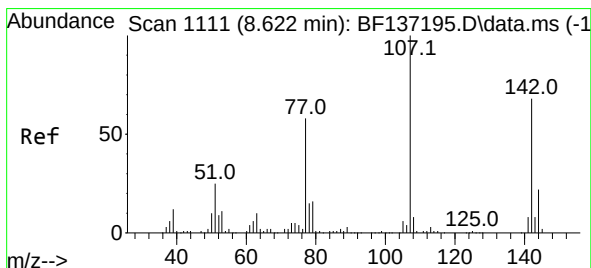
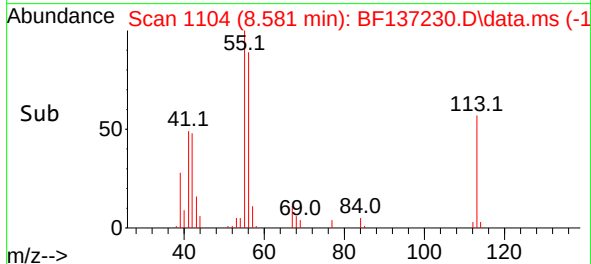
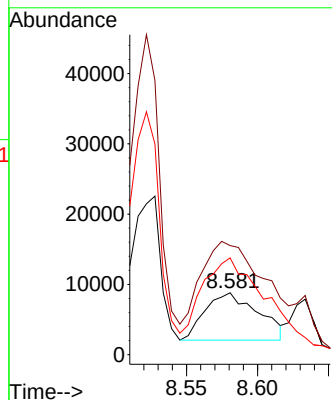
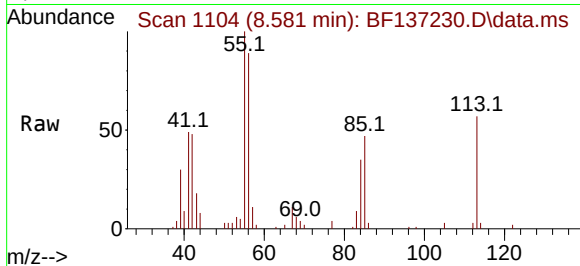




#35
 Caprolactam
 Concen: 13.975 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.065 min
 Lab File: BF137230.D
 Acq: 01 Feb 2024 14:16

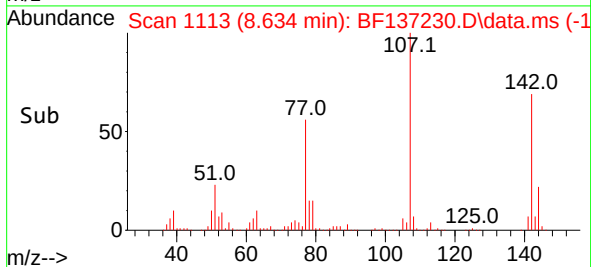
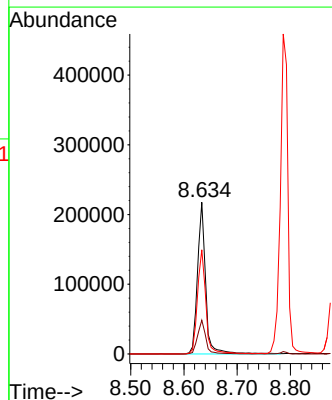
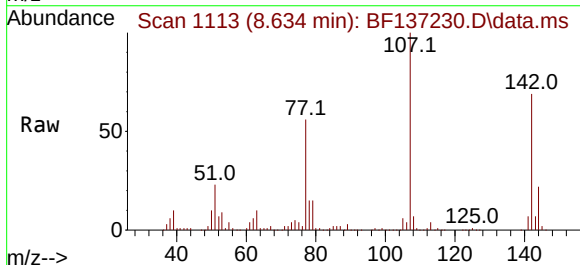
Instrument :
 BNA_F
 ClientSampleId :
 PB158728BS

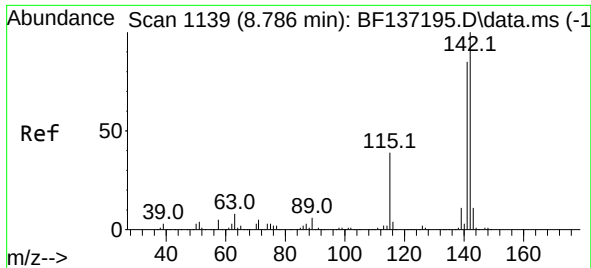
Tgt Ion:113 Resp: 17427
 Ion Ratio Lower Upper
 113 100
 55 176.1 176.0 216.0
 56 156.4 134.0 174.0



#36
 4-Chloro-3-methylphenol
 Concen: 48.844 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.012 min
 Lab File: BF137230.D
 Acq: 01 Feb 2024 14:16

Tgt Ion:107 Resp: 231361
 Ion Ratio Lower Upper
 107 100
 144 22.3 17.2 25.8
 142 68.7 54.6 82.0





#37

2-Methylnaphthalene

Concen: 44.791 ng

RT: 8.787 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

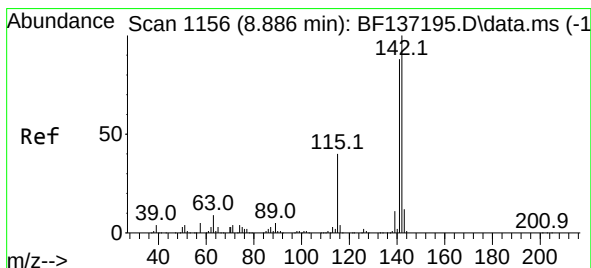
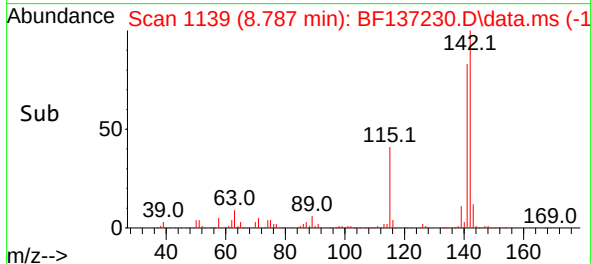
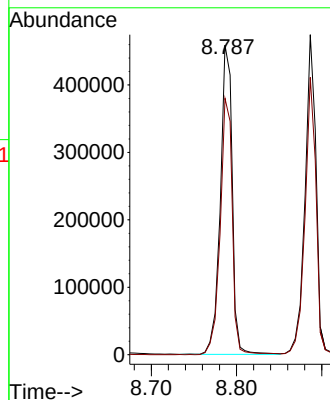
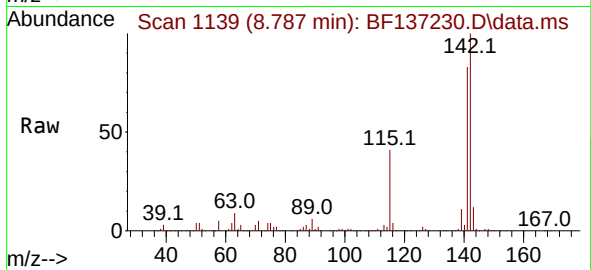
PB158728BS

Tgt Ion:142 Resp: 445354

Ion Ratio Lower Upper

142 100

141 82.8 67.8 101.8



#38

1-Methylnaphthalene

Concen: 45.740 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF137230.D

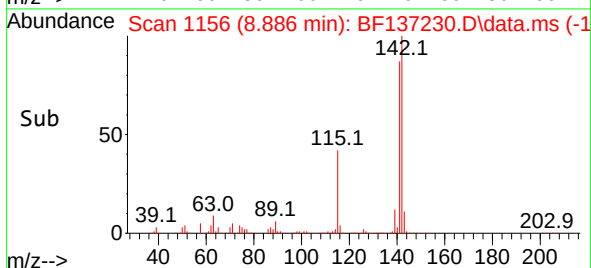
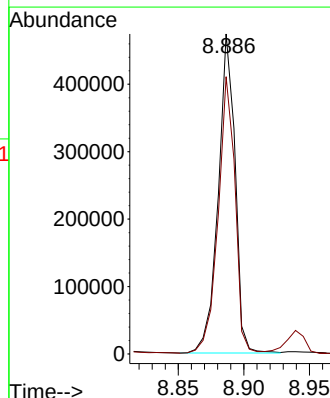
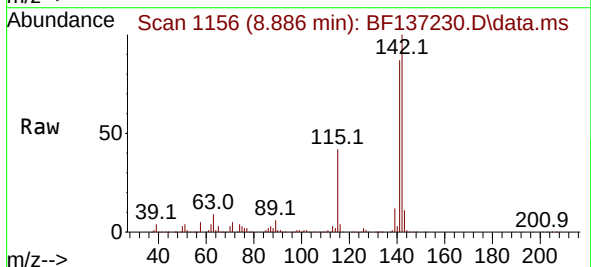
Acq: 01 Feb 2024 14:16

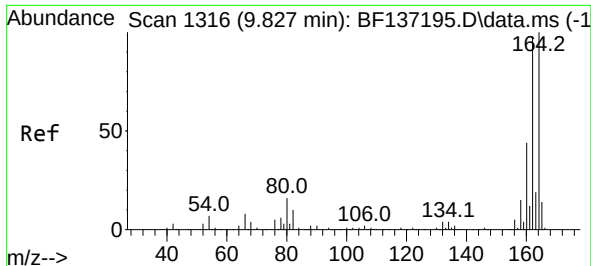
Tgt Ion:142 Resp: 422414

Ion Ratio Lower Upper

142 100

141 86.6 70.6 105.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB158728BS

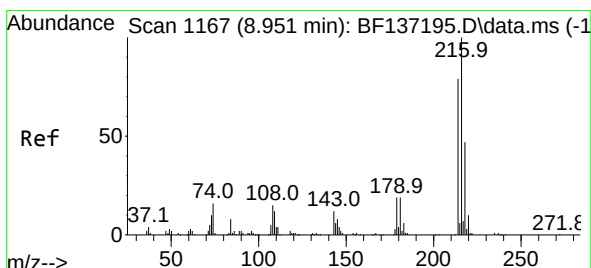
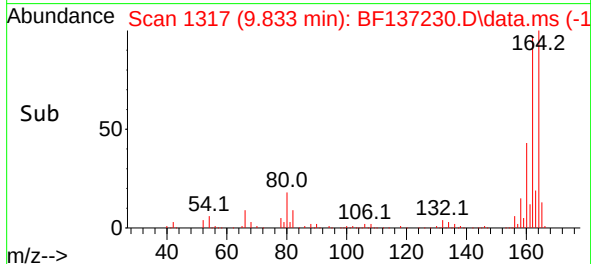
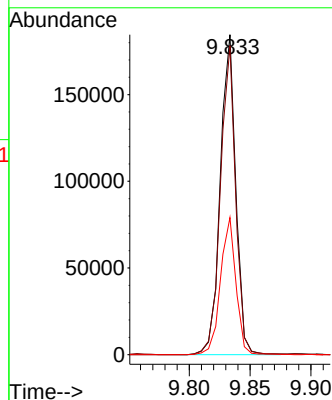
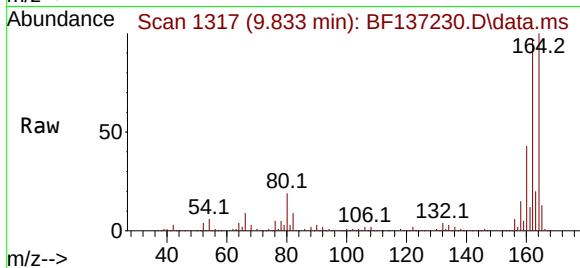
Tgt Ion:164 Resp: 163799

Ion Ratio Lower Upper

164 100

162 96.5 78.3 117.5

160 42.8 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.336 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Tgt Ion:216 Resp: 237520

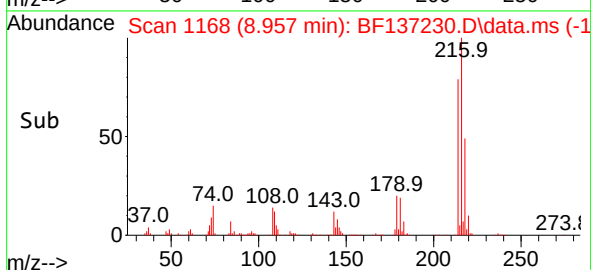
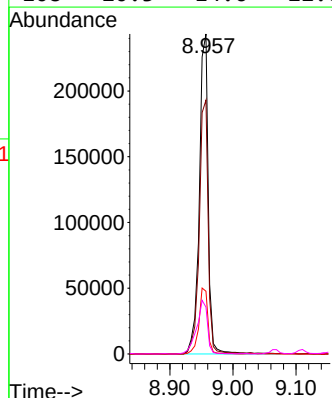
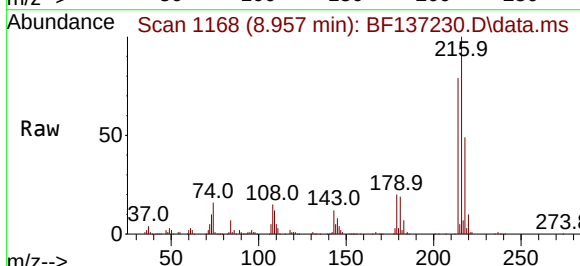
Ion Ratio Lower Upper

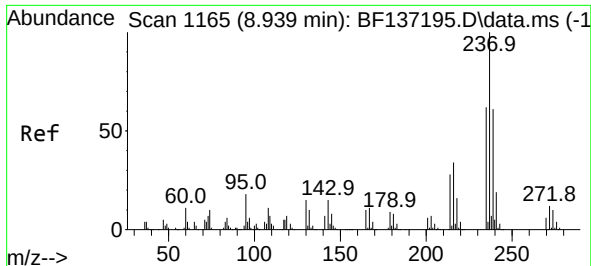
216 100

214 79.3 63.9 95.9

179 20.6 16.2 24.2

108 20.3 14.6 22.0

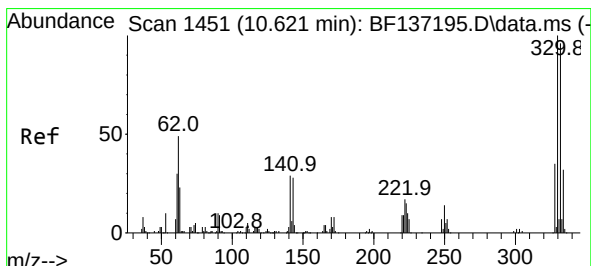
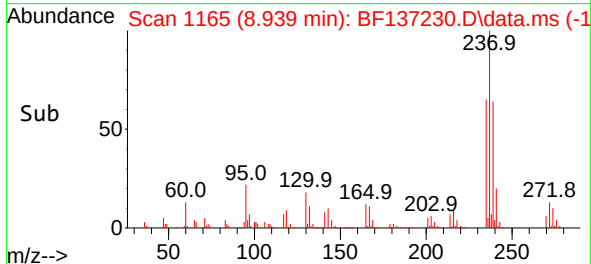
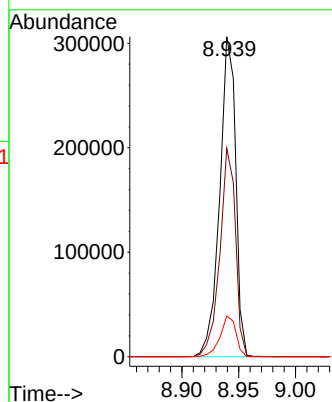
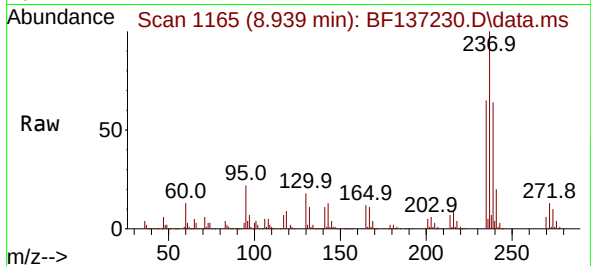




#41
Hexachlorocyclopentadiene
Concen: 115.360 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

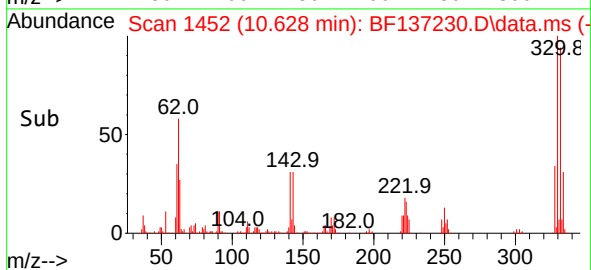
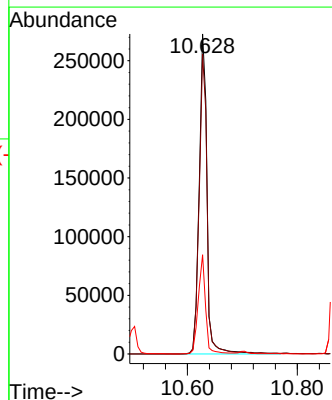
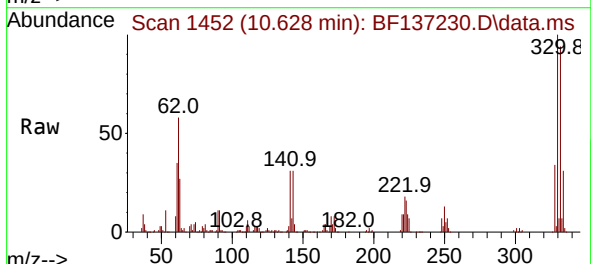
Instrument :
BNA_F
ClientSampleId :
PB158728BS

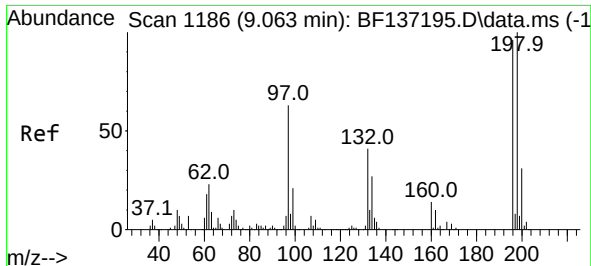
Tgt Ion:237 Resp: 301142
Ion Ratio Lower Upper
237 100
235 65.2 41.6 81.6
272 12.7 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 145.776 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:330 Resp: 269667
Ion Ratio Lower Upper
330 100
332 94.7 77.3 115.9
141 29.1 25.2 37.8

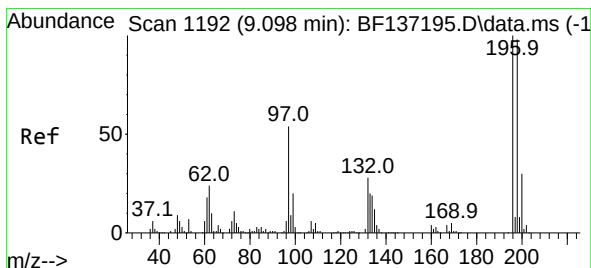
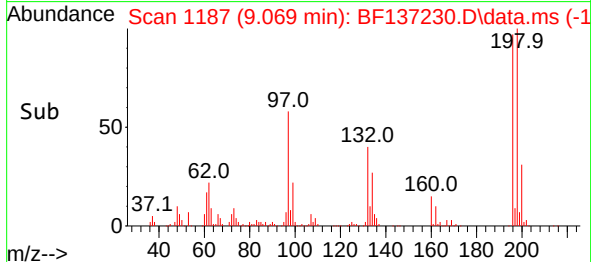
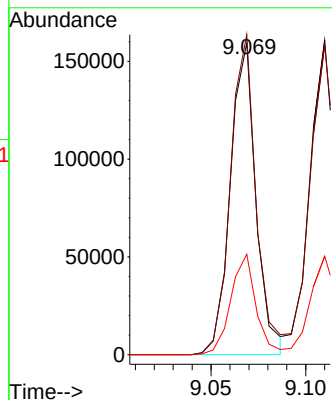
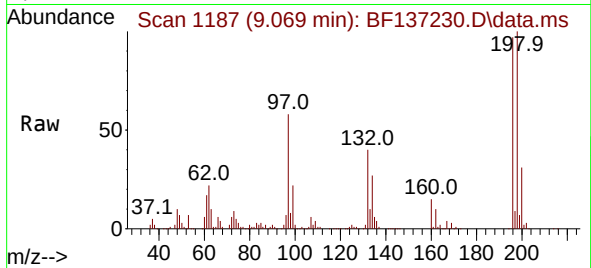




#43
2,4,6-Trichlorophenol
Concen: 48.300 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

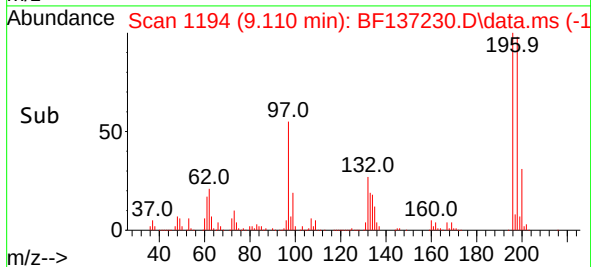
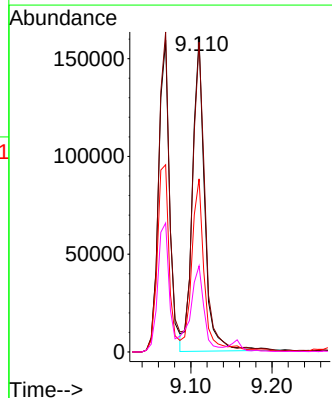
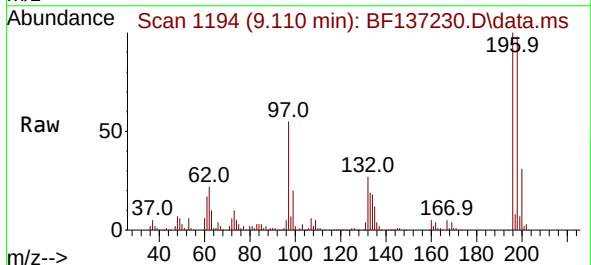
Instrument :
BNA_F
ClientSampleId :
PB158728BS

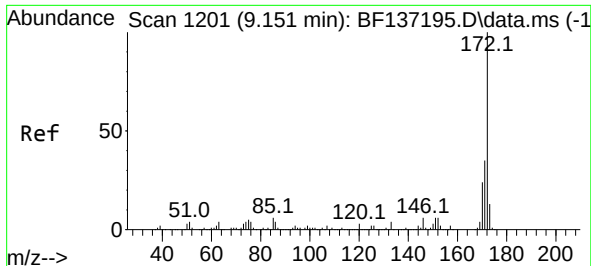
Tgt Ion:196 Resp: 150153
Ion Ratio Lower Upper
196 100
198 102.6 83.0 124.6
200 32.2 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 49.303 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.012 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:196 Resp: 167535
Ion Ratio Lower Upper
196 100
198 98.5 78.2 117.4
97 55.0 44.2 66.2
132 27.4 22.5 33.7

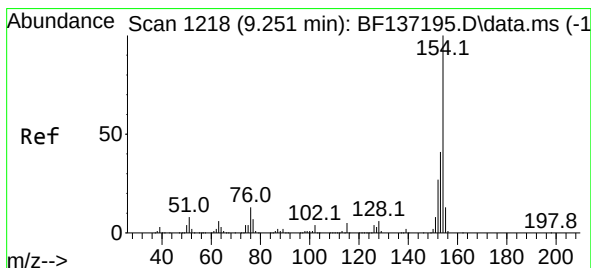
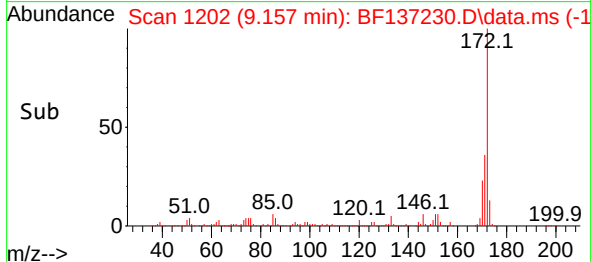
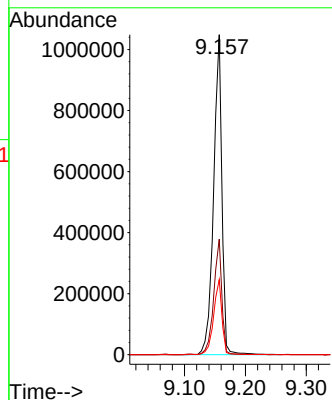
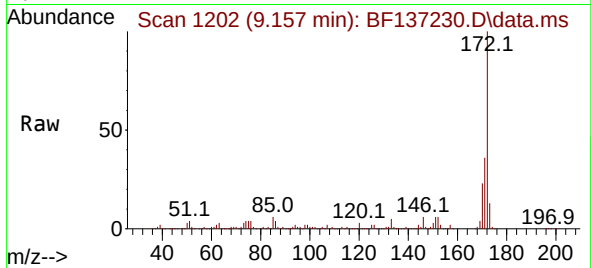




#45
2-Fluorobiphenyl
Concen: 84.037 ng
RT: 9.157 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

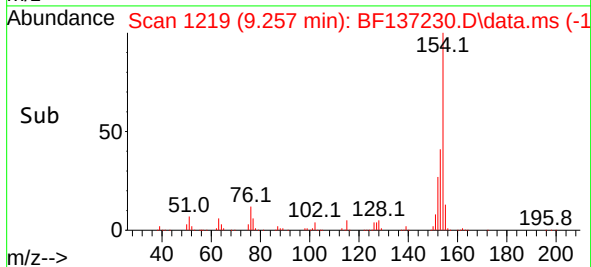
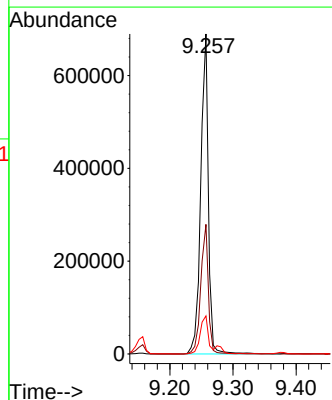
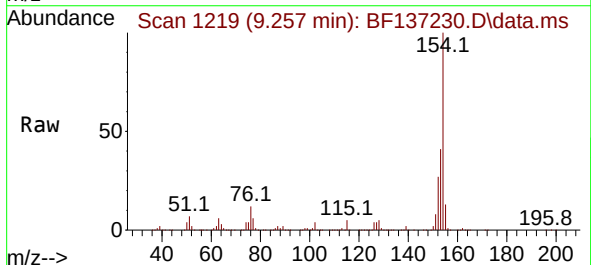
Instrument :
BNA_F
ClientSampleId :
PB158728BS

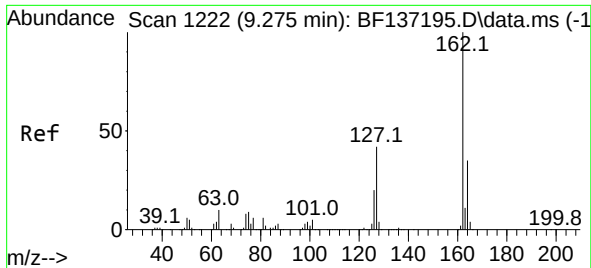
Tgt Ion:172 Resp: 1001348
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.4 19.1 28.7



#46
1,1'-Biphenyl
Concen: 44.099 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:154 Resp: 574713
Ion Ratio Lower Upper
154 100
153 40.5 21.2 61.2
76 11.9 0.0 33.0

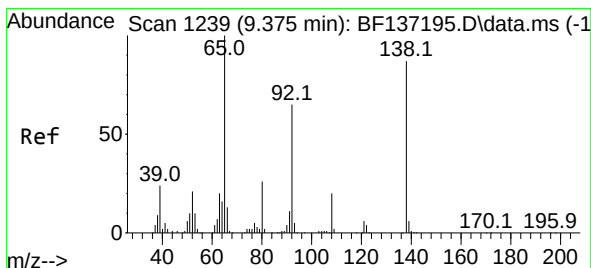
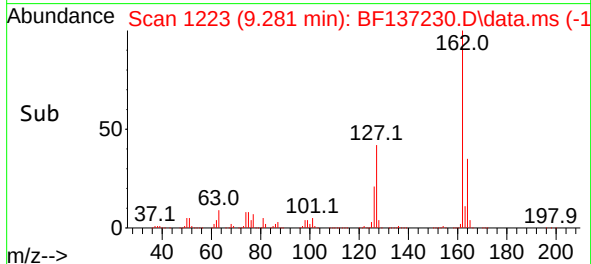
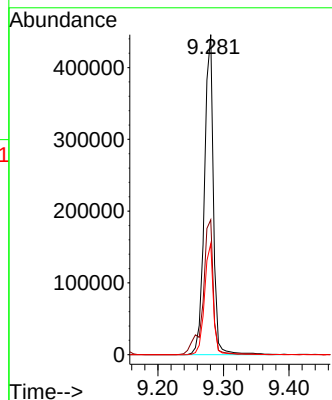
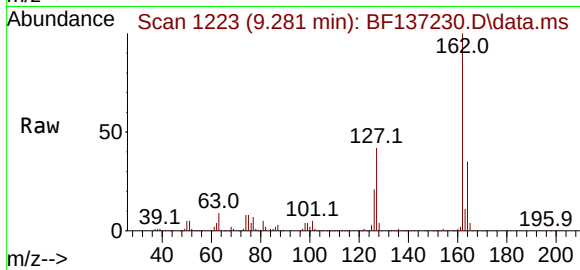




#47
2-Chloronaphthalene
Concen: 44.363 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

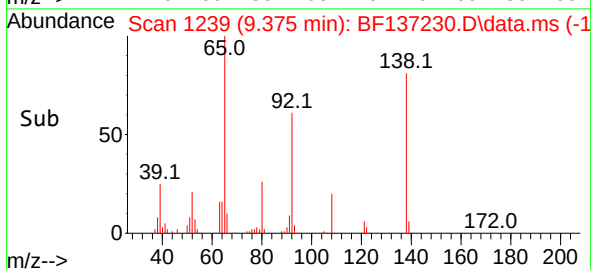
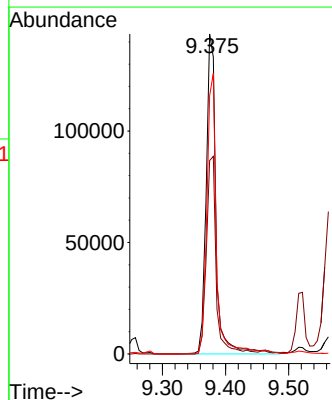
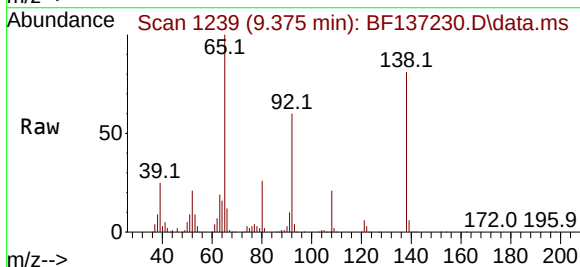
Instrument :
BNA_F
ClientSampleId :
PB158728BS

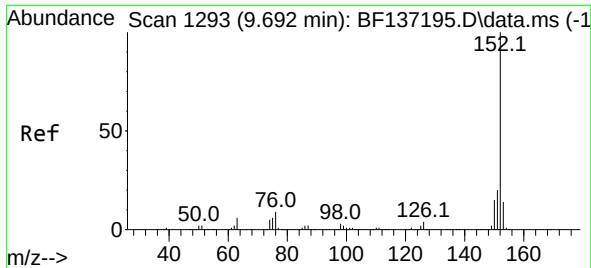
Tgt Ion:162 Resp: 427871
Ion Ratio Lower Upper
162 100
127 42.1 34.1 51.1
164 34.7 27.9 41.9



#48
2-Nitroaniline
Concen: 49.929 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

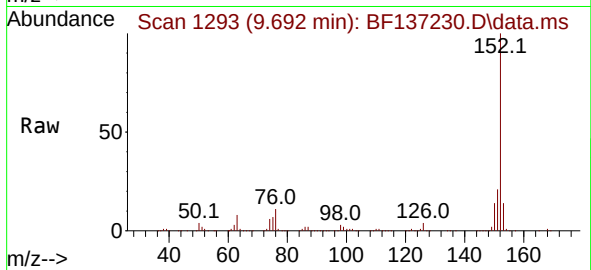
Tgt Ion: 65 Resp: 155861
Ion Ratio Lower Upper
65 100
92 60.4 51.7 77.5
138 80.7 69.7 104.5



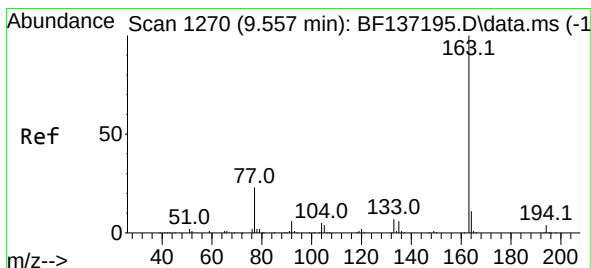
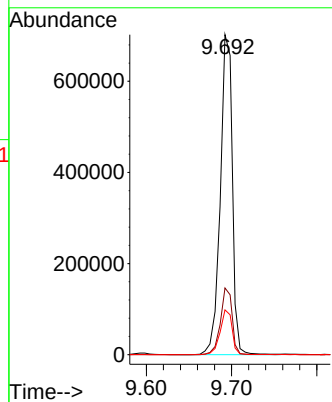
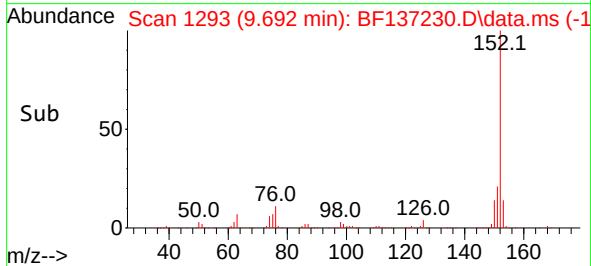


#49
Acenaphthylene
Concen: 44.659 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

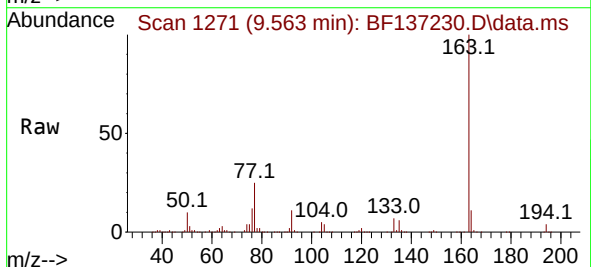
Instrument :
BNA_F
ClientSampleId :
PB158728BS



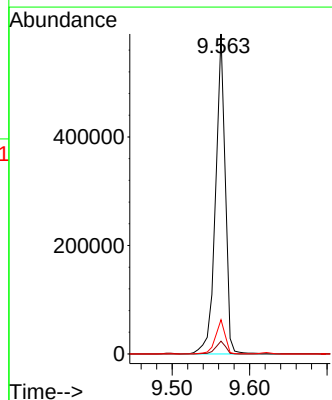
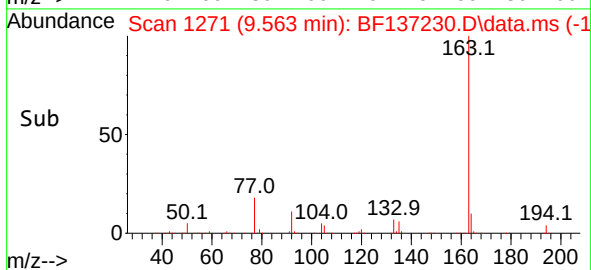
Tgt Ion:152 Resp: 689540
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.0 11.2 16.8

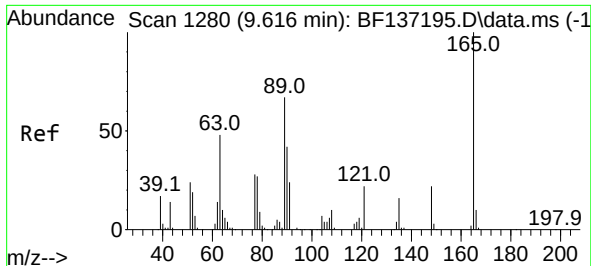


#50
Dimethylphthalate
Concen: 46.379 ng
RT: 9.563 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16



Tgt Ion:163 Resp: 513226
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.7 8.6 13.0

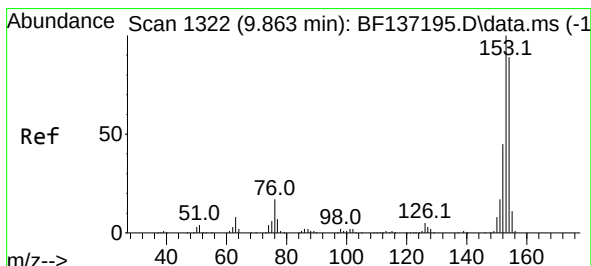
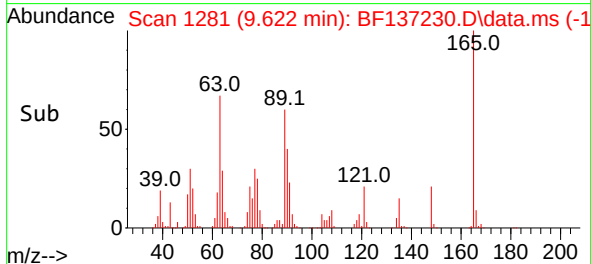
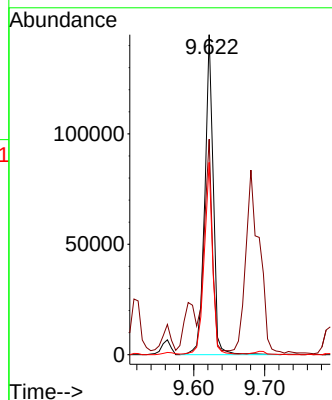
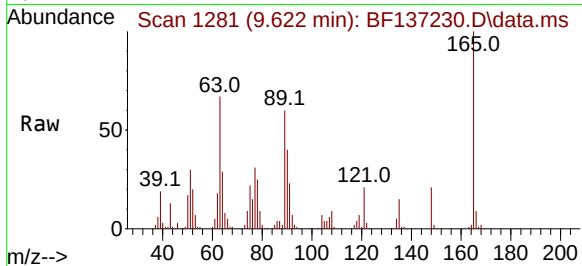




#51
2,6-Dinitrotoluene
Concen: 51.285 ng
RT: 9.622 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

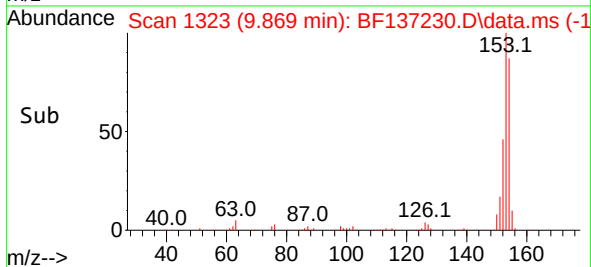
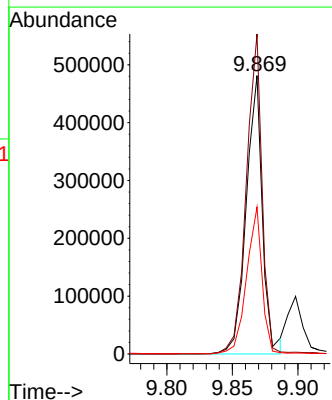
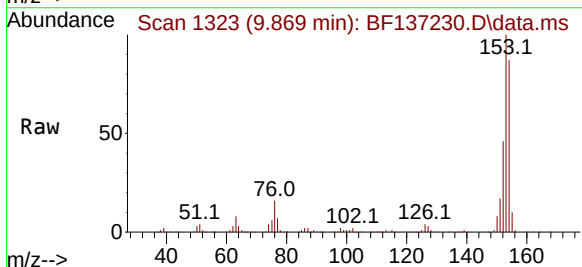
Instrument :
BNA_F
ClientSampleId :
PB158728BS

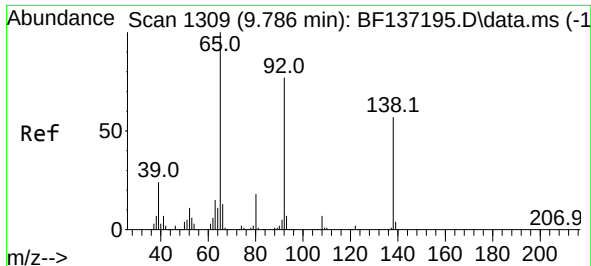
Tgt Ion:165 Resp: 121017
Ion Ratio Lower Upper
165 100
63 67.4 55.1 82.7
89 60.1 53.5 80.3



#52
Acenaphthene
Concen: 45.512 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:154 Resp: 412997
Ion Ratio Lower Upper
154 100
153 114.9 90.2 135.4
152 52.8 40.6 60.8

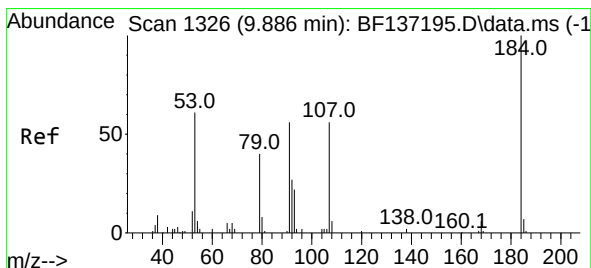
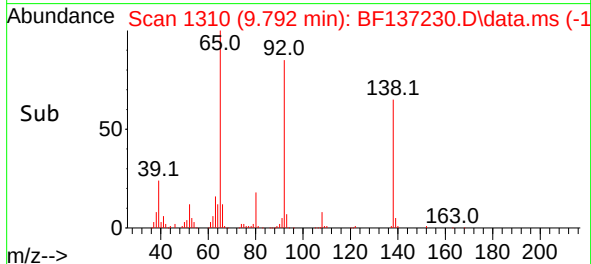
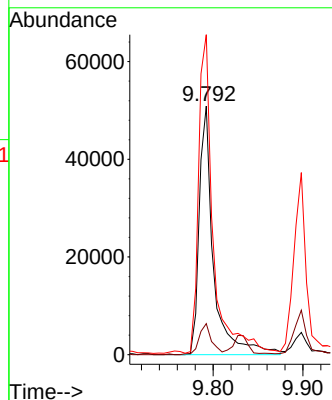
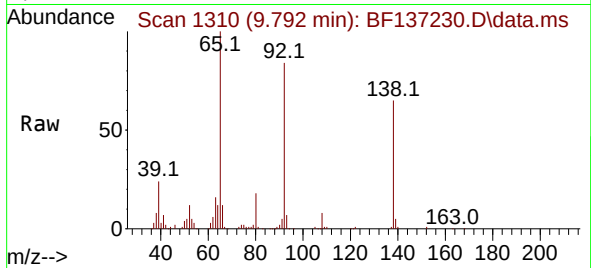




#53
3-Nitroaniline
Concen: 26.559 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

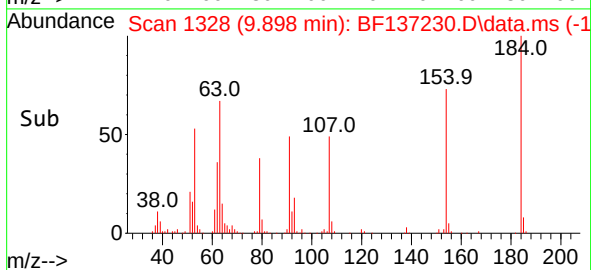
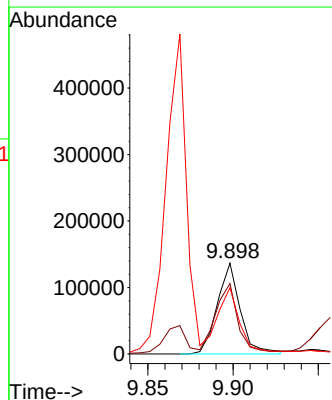
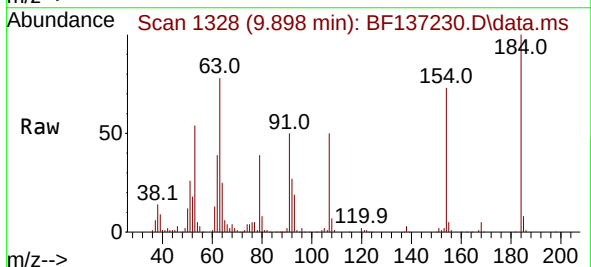
Instrument :
BNA_F
ClientSampleId :
PB158728BS

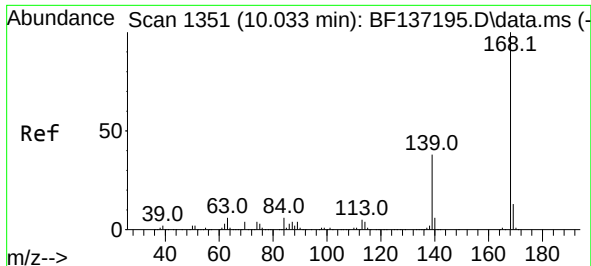
Tgt Ion:138 Resp: 56398
Ion Ratio Lower Upper
138 100
108 12.5 10.4 15.6
92 128.7 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 116.027 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:184 Resp: 128269
Ion Ratio Lower Upper
184 100
63 77.7 71.2 106.8
154 73.1 64.9 97.3

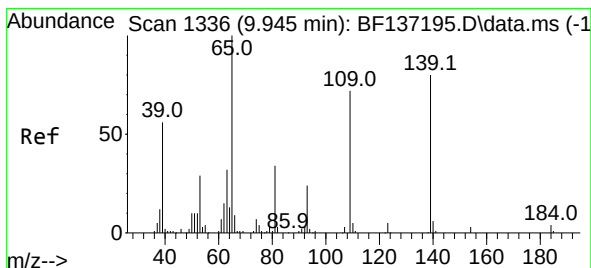
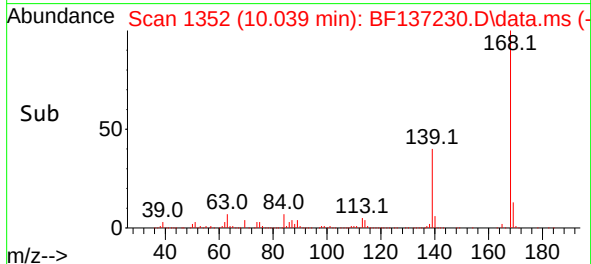
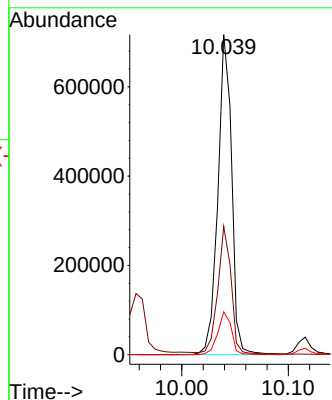
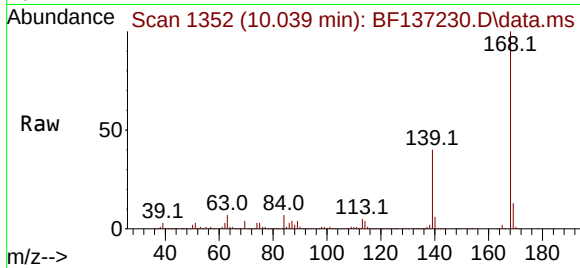




#55
Dibenzofuran
Concen: 44.567 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

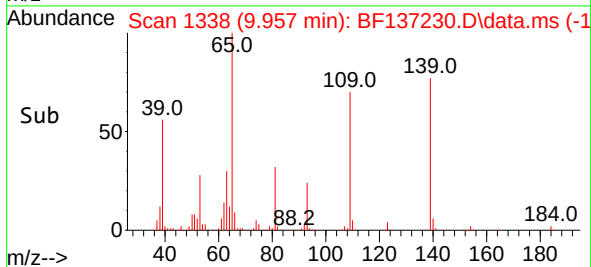
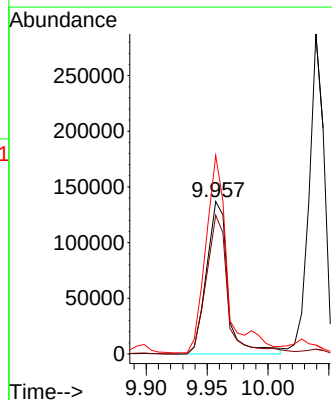
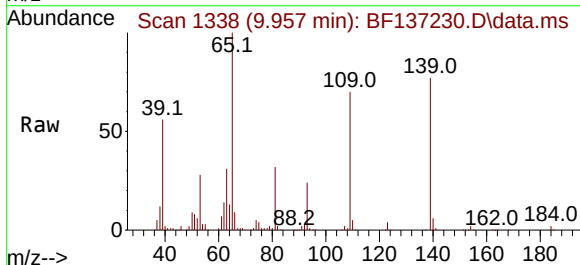
Instrument :
BNA_F
ClientSampleId :
PB158728BS

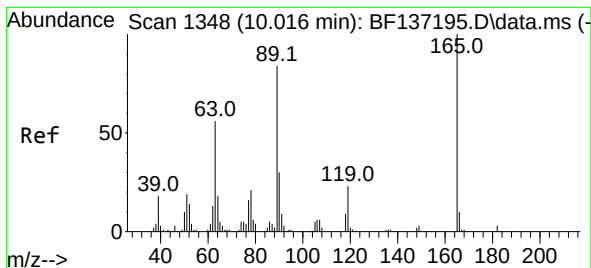
Tgt Ion:168 Resp: 643436
Ion Ratio Lower Upper
168 100
139 40.1 31.1 46.7
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 119.441 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:139 Resp: 167395
Ion Ratio Lower Upper
139 100
109 91.0 70.4 110.4
65 130.1 107.6 147.6

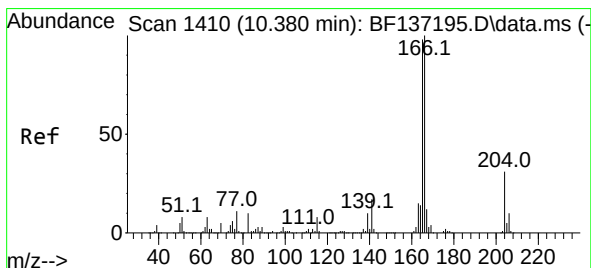
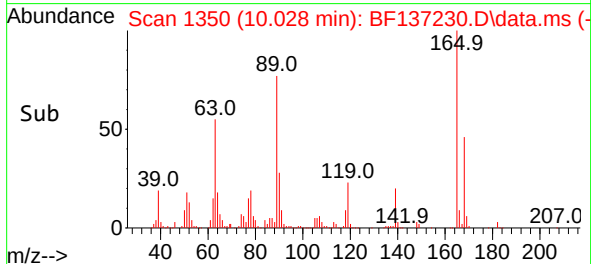
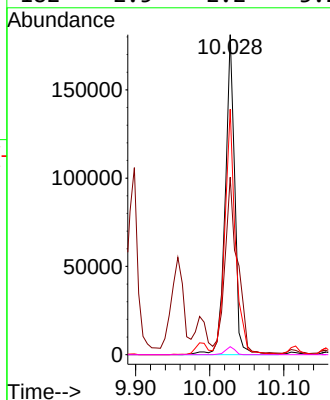
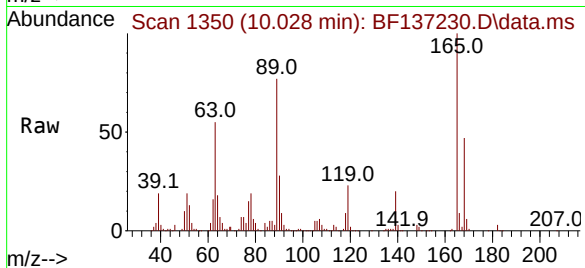




#57
2,4-Dinitrotoluene
Concen: 52.958 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

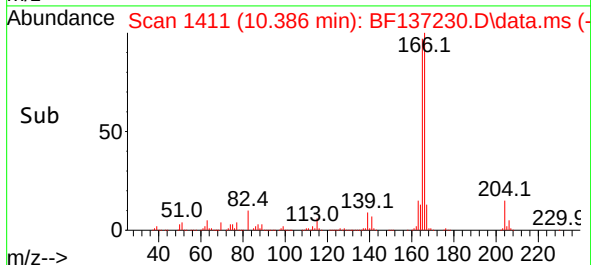
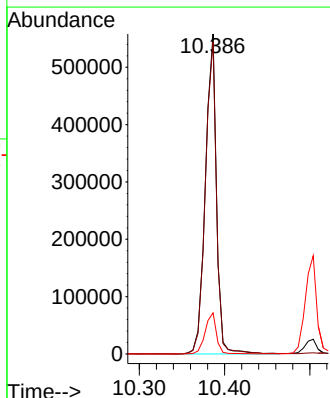
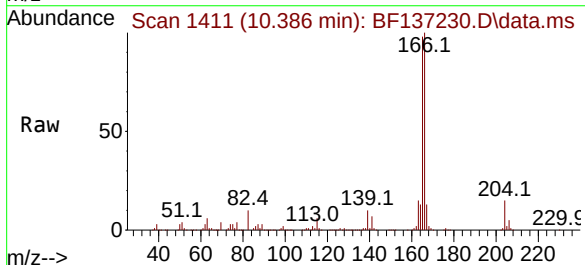
Instrument :
BNA_F
ClientSampleId :
PB158728BS

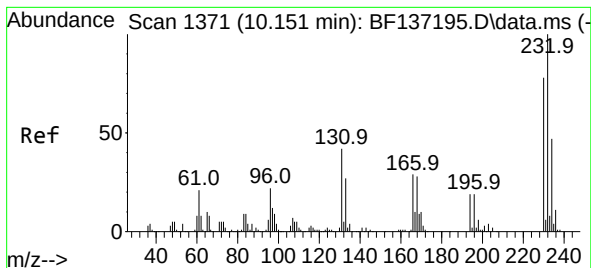
Tgt Ion:165 Resp: 162144
Ion Ratio Lower Upper
165 100
63 55.5 46.1 69.1
89 76.7 67.5 101.3
182 2.5 2.2 3.2



#58
Fluorene
Concen: 44.591 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:166 Resp: 504691
Ion Ratio Lower Upper
166 100
165 97.5 78.5 117.7
167 12.9 10.0 15.0

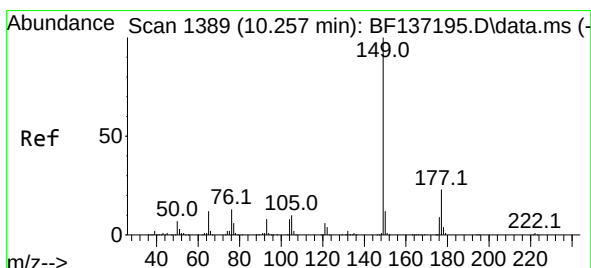
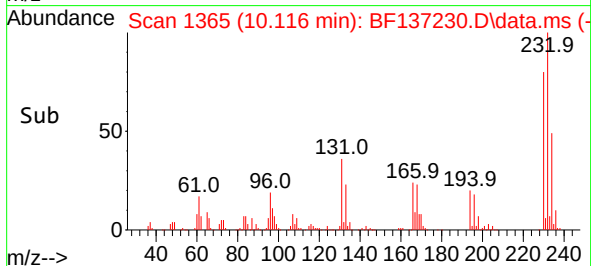
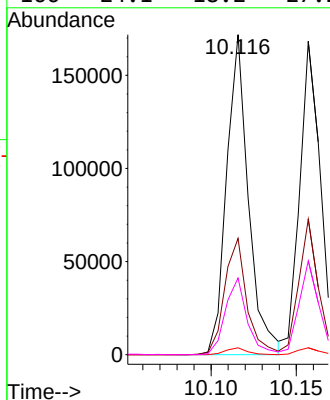
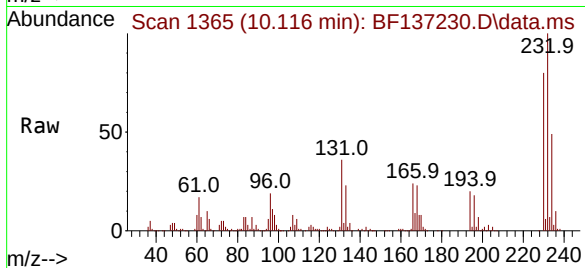




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.447 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.035 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

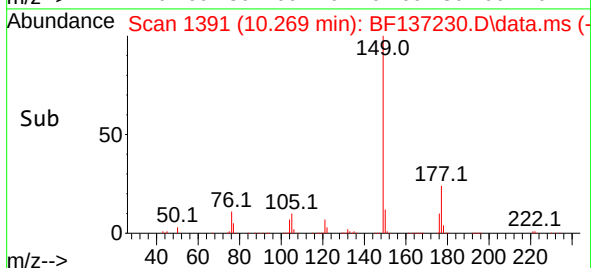
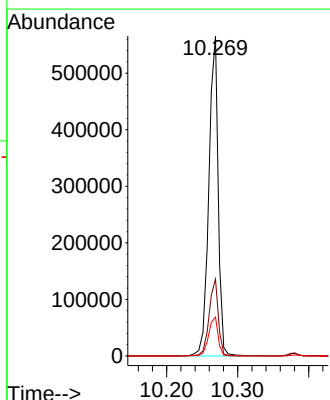
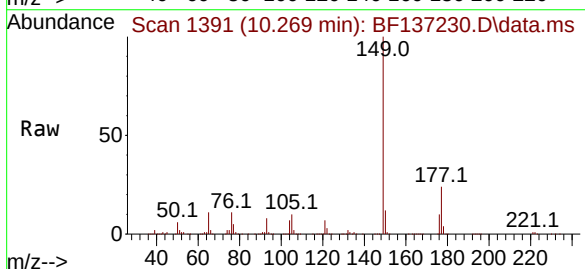
Instrument :
BNA_F
ClientSampleId :
PB158728BS

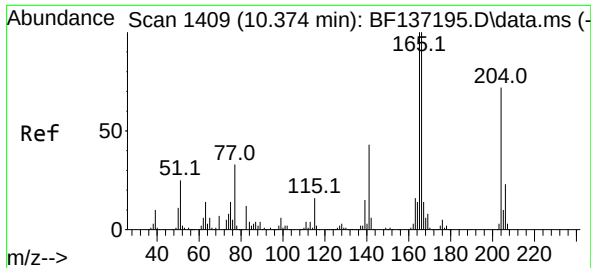
Tgt Ion:232 Resp: 153176
Ion Ratio Lower Upper
232 100
131 37.1 27.4 41.2
130 2.1 1.7 2.5
166 24.1 18.2 27.2



#60
Diethylphthalate
Concen: 47.617 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.012 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:149 Resp: 518823
Ion Ratio Lower Upper
149 100
177 24.0 18.0 27.0
150 12.1 9.6 14.4

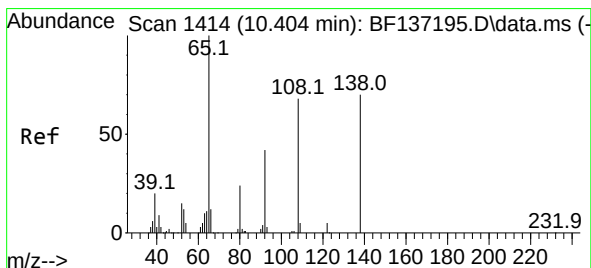
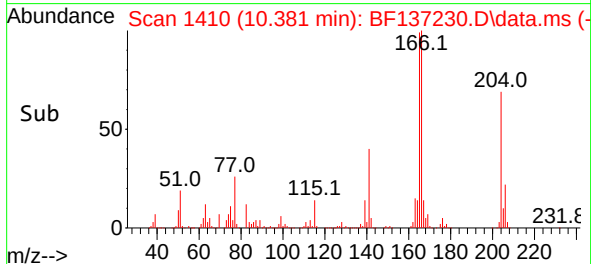
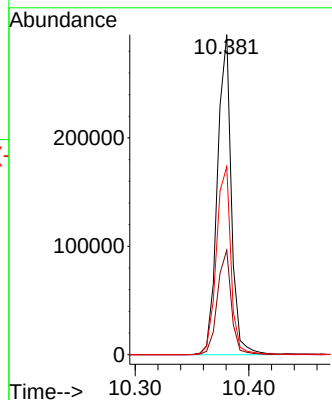
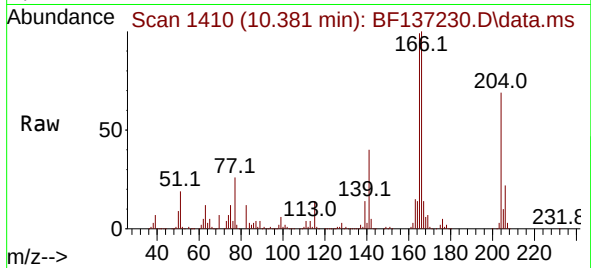




#61
4-Chlorophenyl-phenylether
Concen: 44.672 ng
RT: 10.381 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

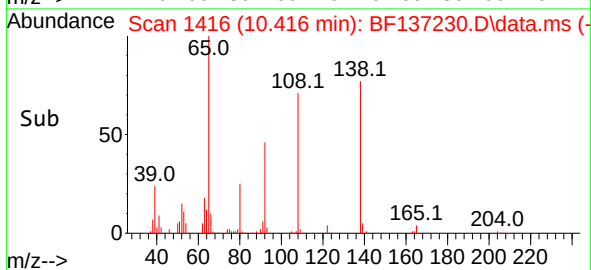
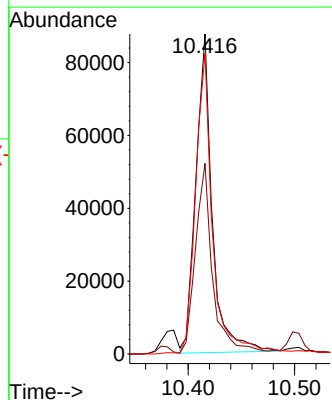
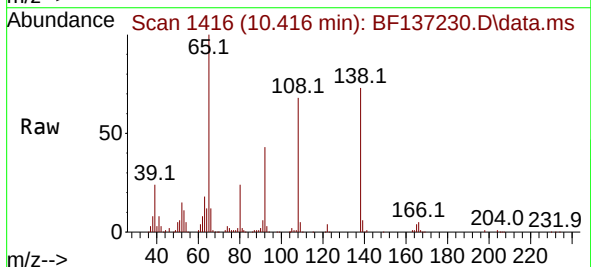
Instrument :
BNA_F
ClientSampleId :
PB158728BS

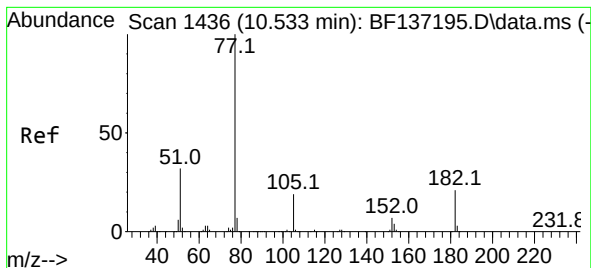
Tgt Ion:204 Resp: 251318
Ion Ratio Lower Upper
204 100
206 32.7 25.5 38.3
141 58.8 48.3 72.5



#62
4-Nitroaniline
Concen: 46.098 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:138 Resp: 93698
Ion Ratio Lower Upper
138 100
92 59.6 39.3 79.3
108 94.0 75.3 115.3





#63

Azobenzene

Concen: 44.700 ng

RT: 10.539 min Scan# 1436

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB158728BS

Tgt Ion: 77 Resp: 539401

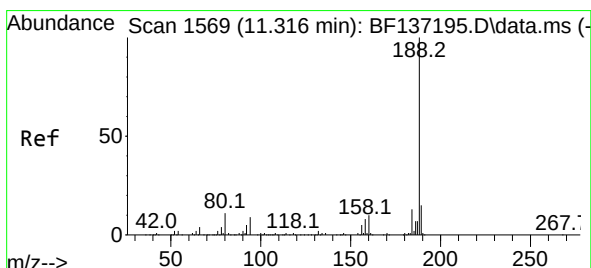
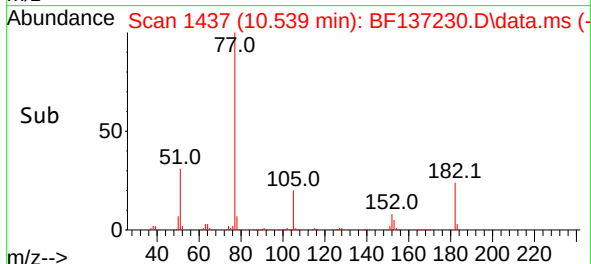
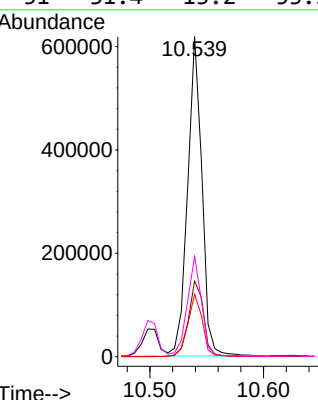
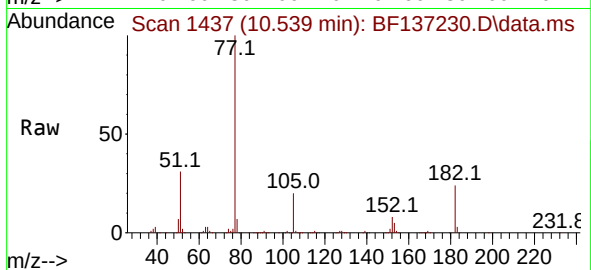
Ion Ratio Lower Upper

77 100

182 23.7 1.1 41.1

105 19.6 0.0 38.9

51 31.4 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

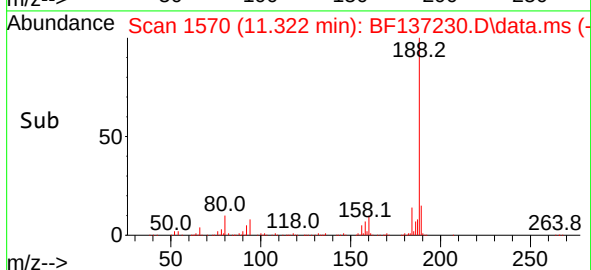
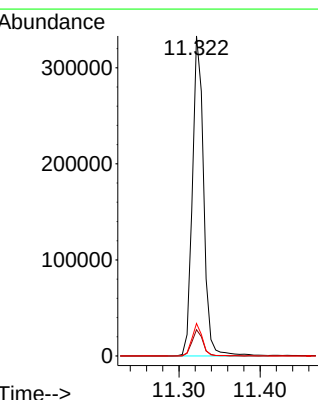
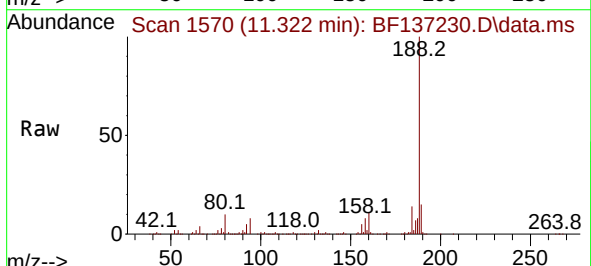
Tgt Ion: 188 Resp: 320276

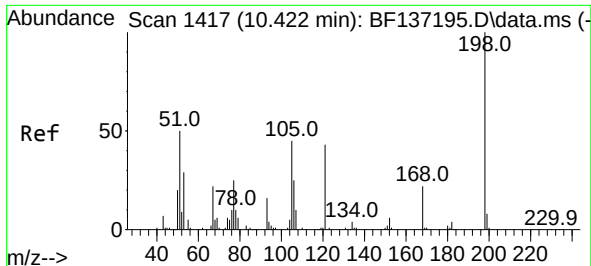
Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 10.1 8.8 13.2

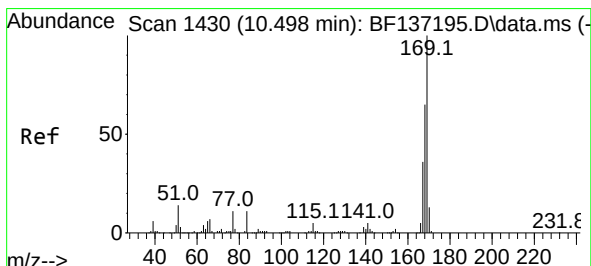
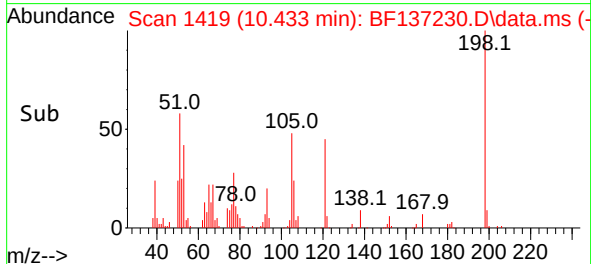
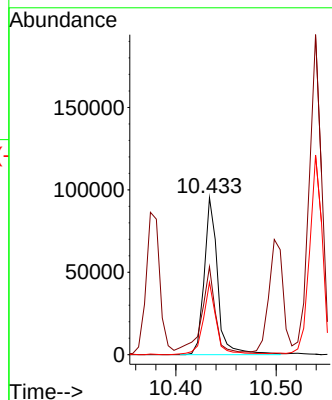
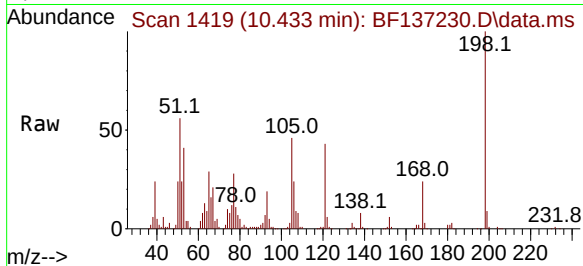




#65
4,6-Dinitro-2-methylphenol
Concen: 52.077 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.011 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

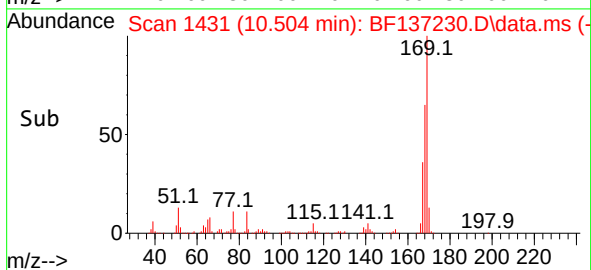
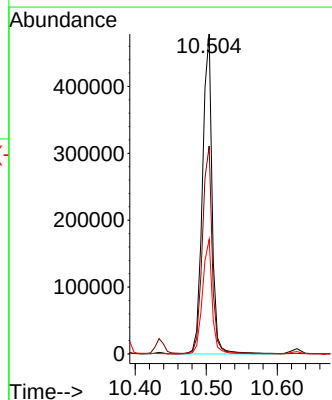
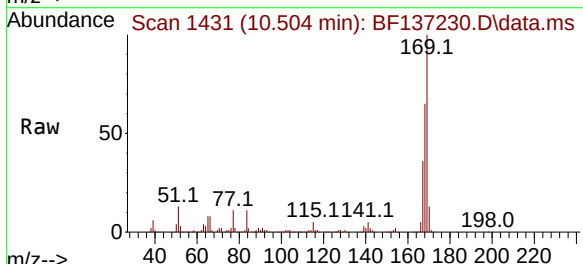
Instrument :
BNA_F
ClientSampleId :
PB158728BS

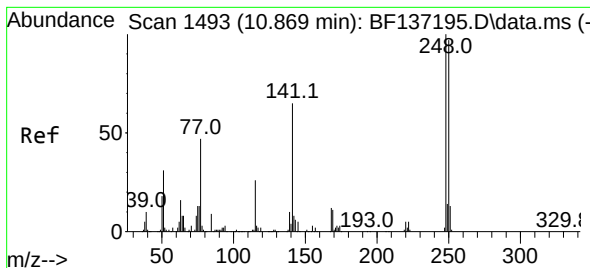
Tgt Ion:198 Resp: 89237
Ion Ratio Lower Upper
198 100
51 56.1 40.9 80.9
105 46.1 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 46.548 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:169 Resp: 453300
Ion Ratio Lower Upper
169 100
168 65.0 51.9 77.9
167 35.8 29.0 43.6

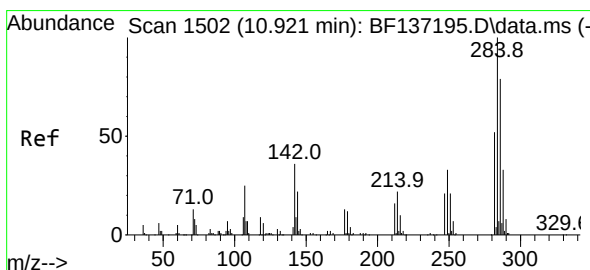
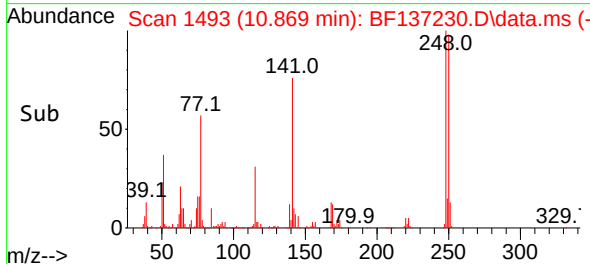
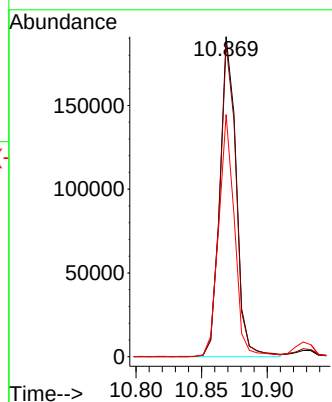
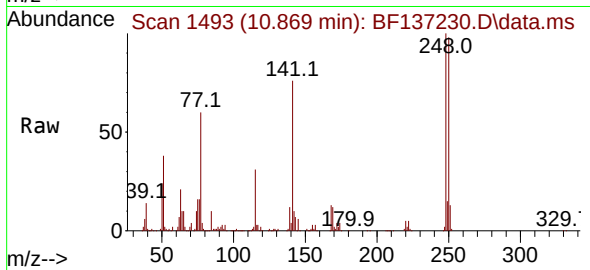




#67
4-Bromophenyl-phenylether
Concen: 47.073 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

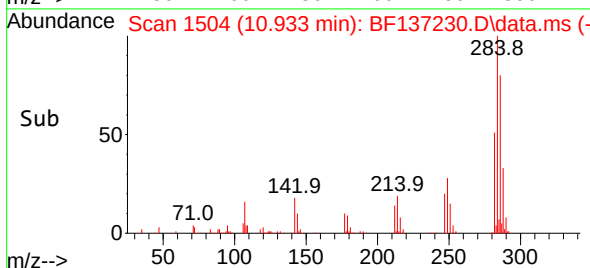
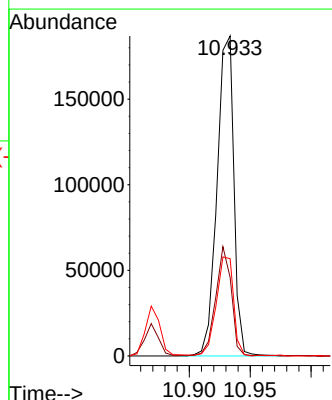
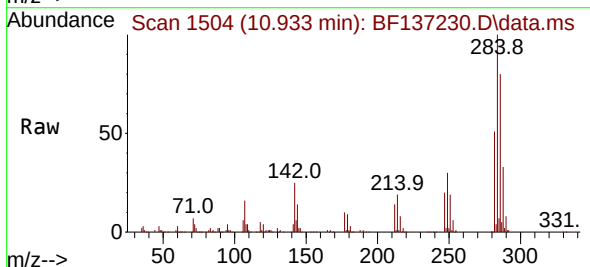
Instrument :
BNA_F
ClientSampleId :
PB158728BS

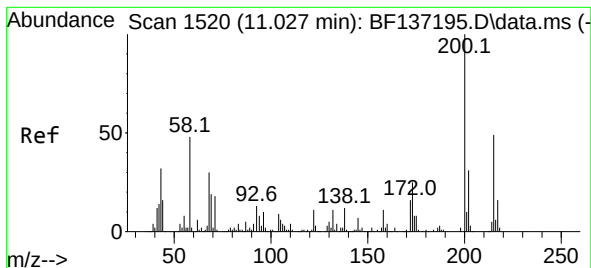
Tgt Ion:248 Resp: 165774
Ion Ratio Lower Upper
248 100
250 97.6 77.7 116.5
141 75.6 51.6 77.4



#68
Hexachlorobenzene
Concen: 45.817 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:284 Resp: 180227
Ion Ratio Lower Upper
284 100
142 24.6 28.7 43.1#
249 30.4 27.0 40.4





#69

Atrazine

Concen: 46.718 ng

RT: 11.033 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB158728BS

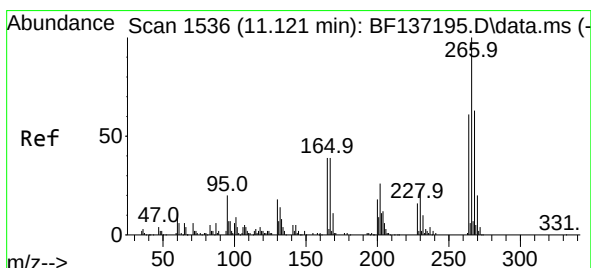
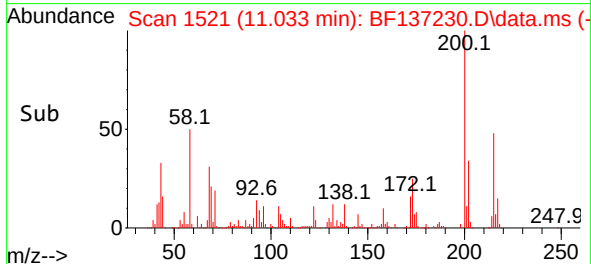
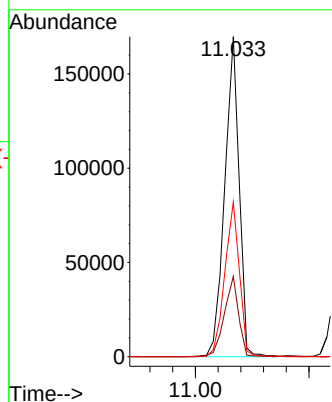
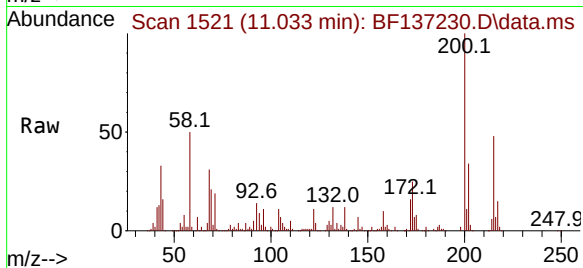
Tgt Ion:200 Resp: 150187

Ion Ratio Lower Upper

200 100

173 25.0 5.3 45.3

215 48.3 29.4 69.4



#70

Pentachlorophenol

Concen: 103.582 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.007 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

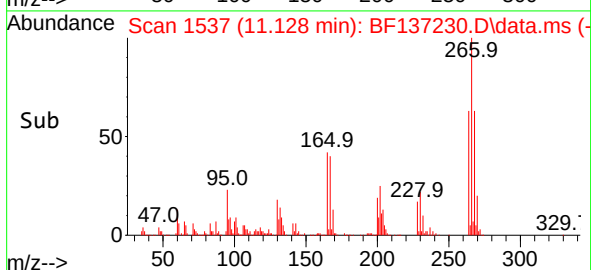
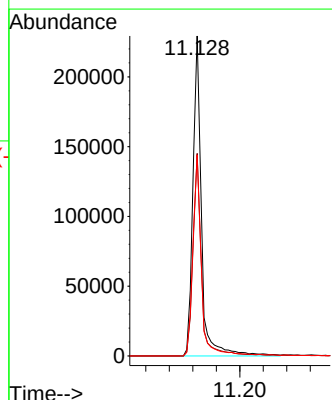
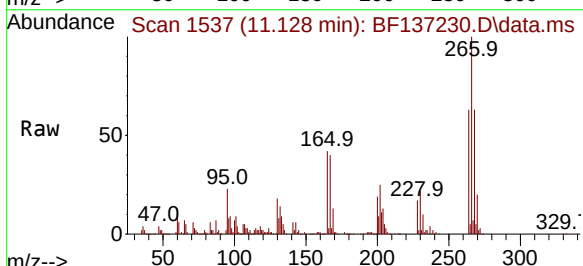
Tgt Ion:266 Resp: 233572

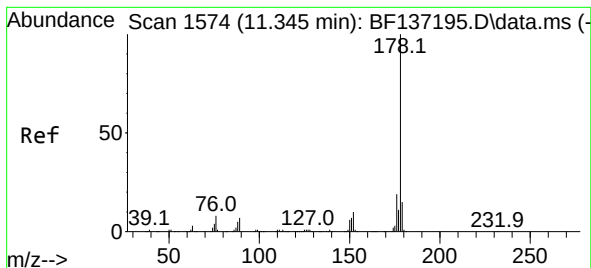
Ion Ratio Lower Upper

266 100

268 63.3 50.6 76.0

264 62.8 48.8 73.2





#71

Phenanthrene

Concen: 45.168 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB158728BS

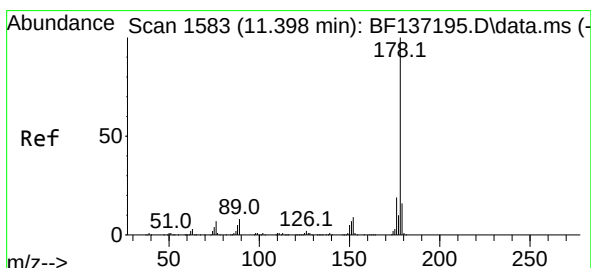
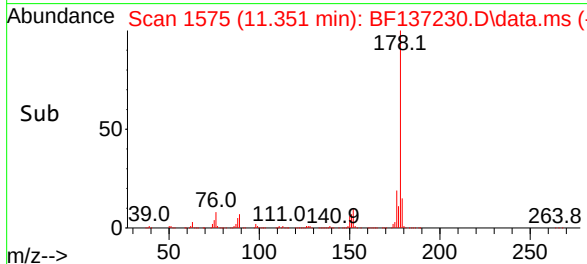
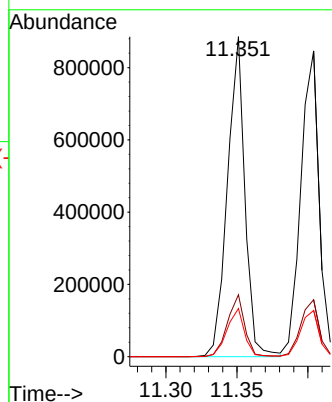
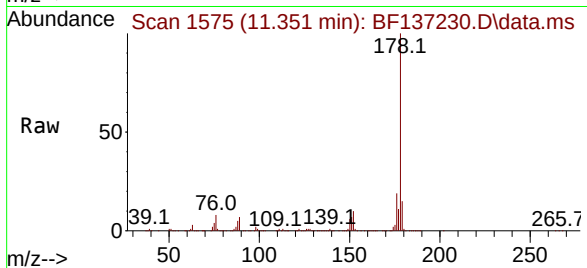
Tgt Ion:178 Resp: 757330

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.1 12.1 18.1



#72

Anthracene

Concen: 44.649 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

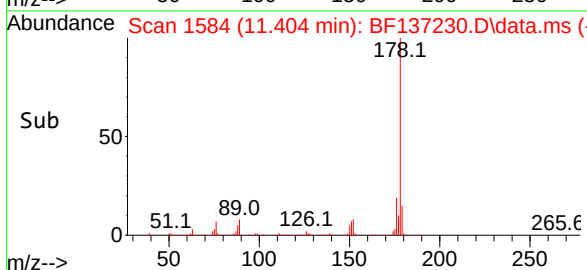
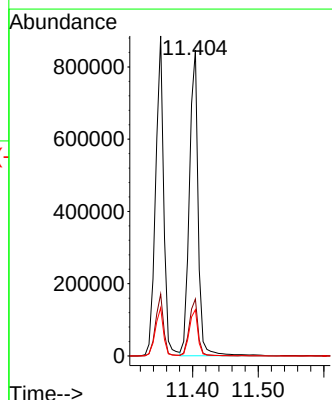
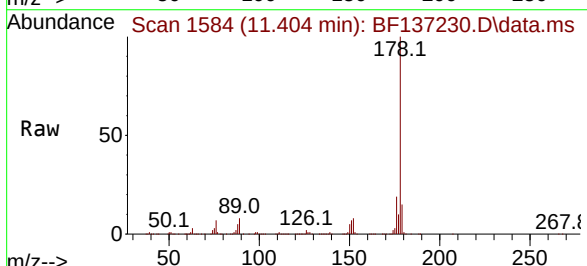
Tgt Ion:178 Resp: 780295

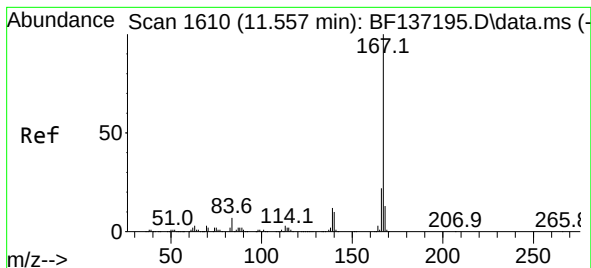
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.2 12.7 19.1





#73

Carbazole

Concen: 44.493 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB158728BS

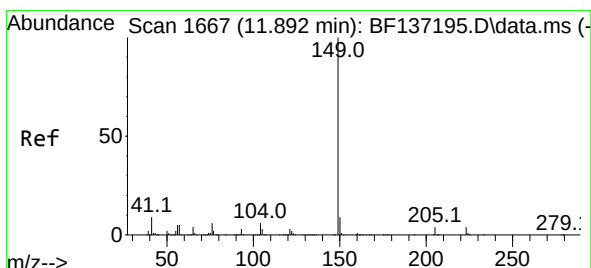
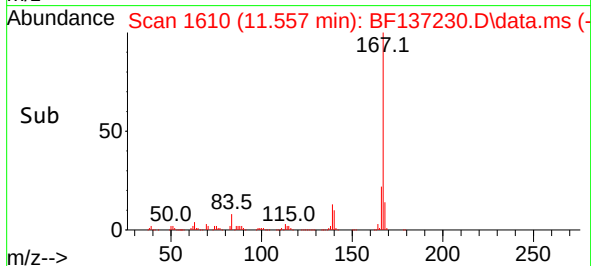
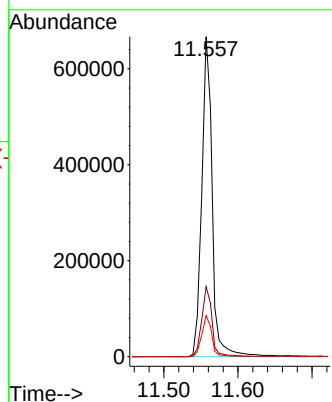
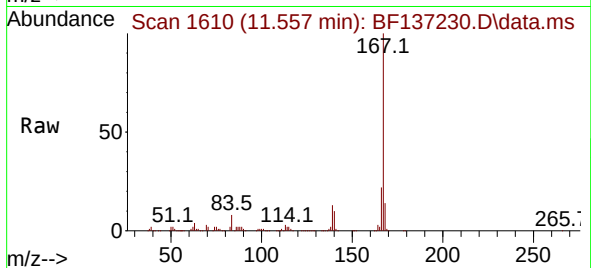
Tgt Ion:167 Resp: 649825

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

139 12.9 9.7 14.5



#74

Di-n-butylphthalate

Concen: 49.767 ng

RT: 11.898 min Scan# 1668

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

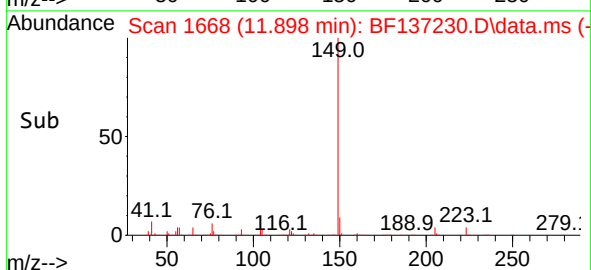
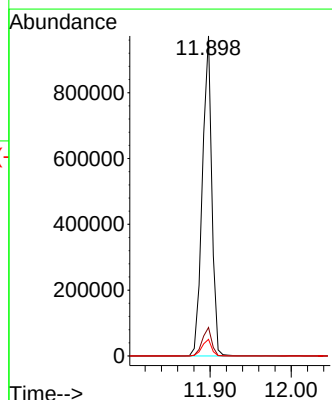
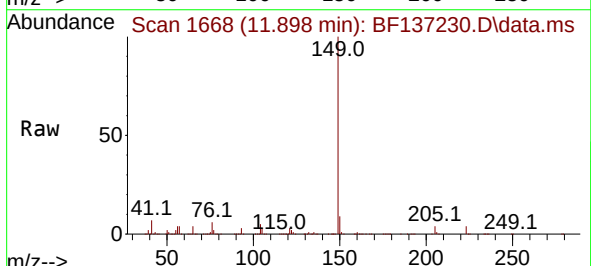
Tgt Ion:149 Resp: 785707

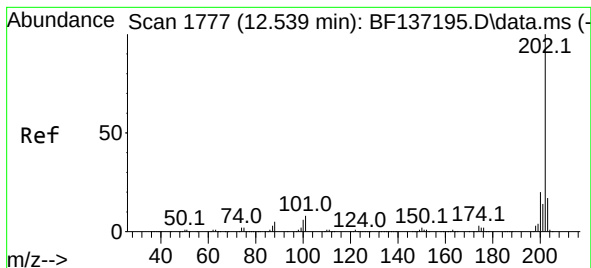
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.2 4.5 6.7





#75

Fluoranthene

Concen: 42.950 ng

RT: 12.539 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB158728BS

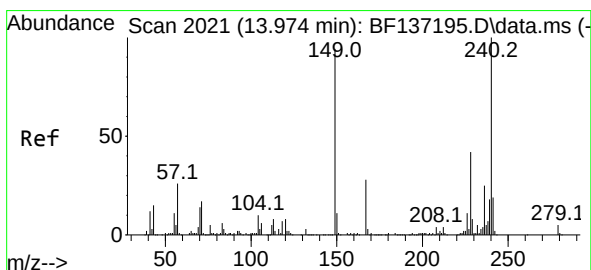
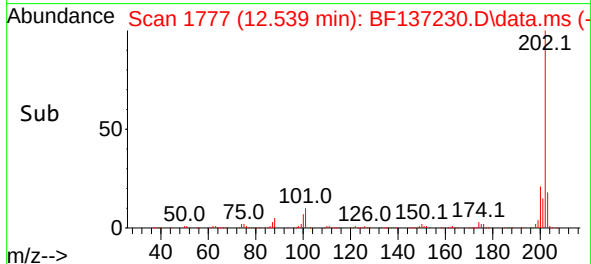
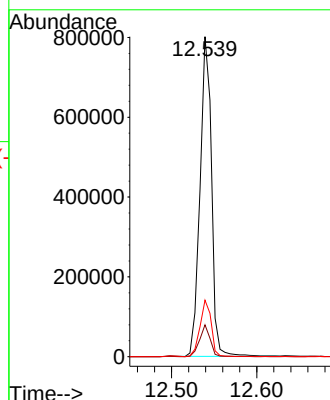
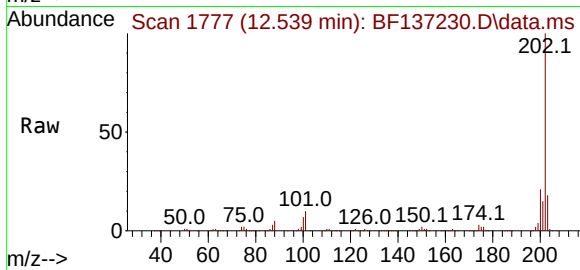
Tgt Ion:202 Resp: 753553

Ion Ratio Lower Upper

202 100

101 10.0 0.0 28.4

203 17.7 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

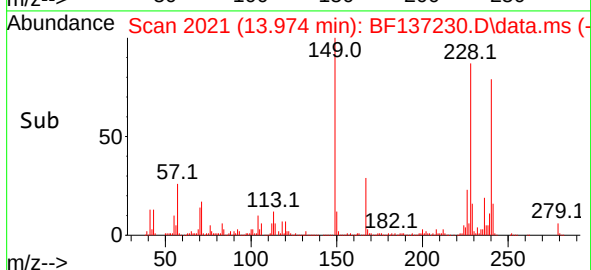
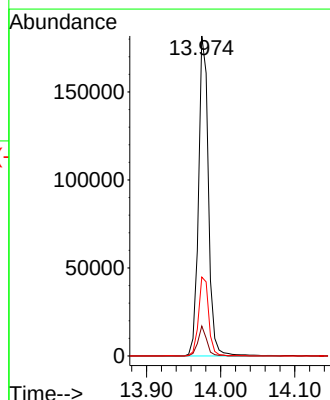
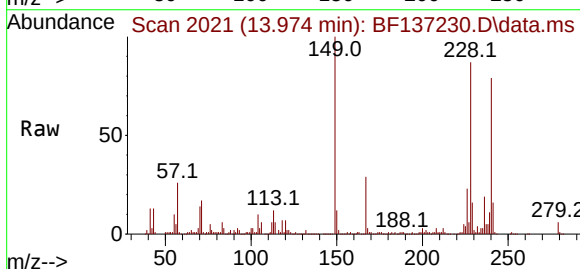
Tgt Ion:240 Resp: 168729

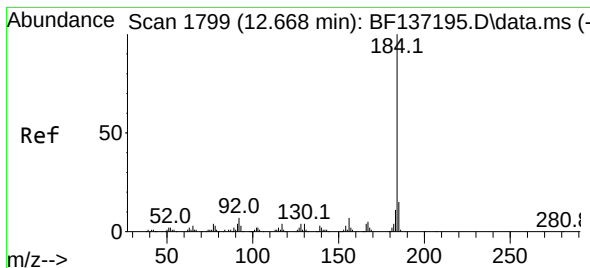
Ion Ratio Lower Upper

240 100

120 9.4 6.3 9.5

236 24.6 20.3 30.5





#77

Benzidine

Concen: 56.885 ng

RT: 12.669 min Scan# 1799

Delta R.T. 0.001 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB158728BS

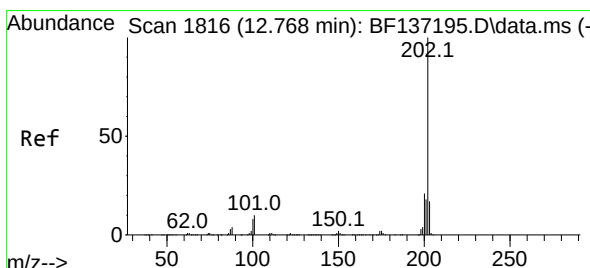
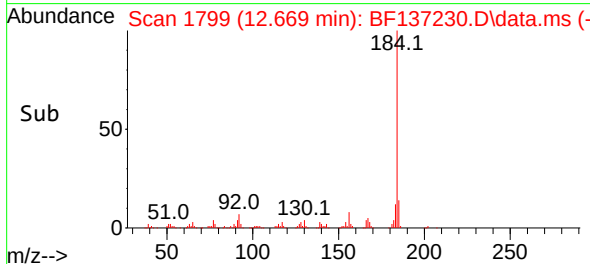
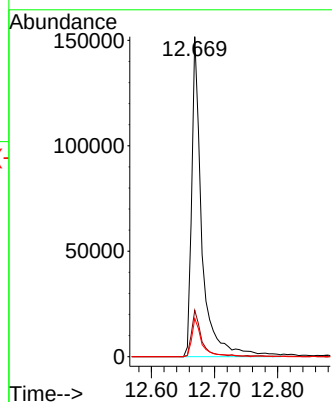
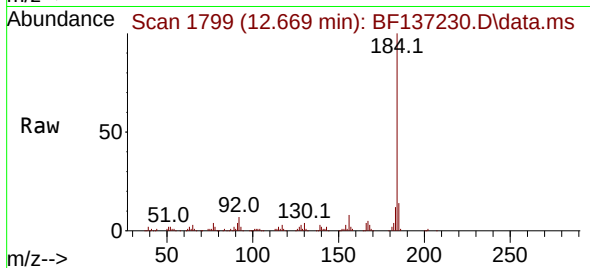
Tgt Ion:184 Resp: 171870

Ion Ratio Lower Upper

184 100

185 14.5 11.9 17.9

183 11.9 8.8 13.2



#78

Pyrene

Concen: 46.626 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

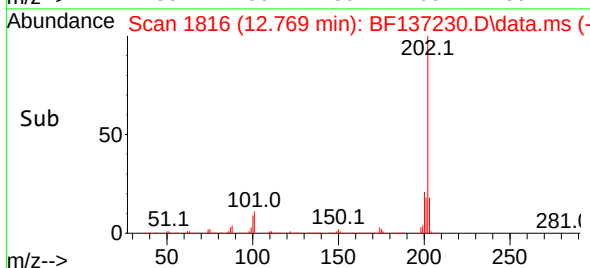
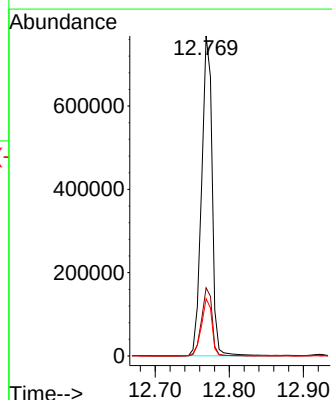
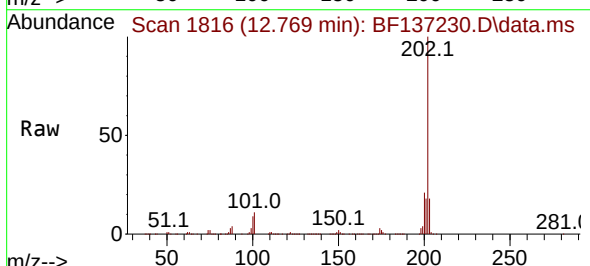
Tgt Ion:202 Resp: 756042

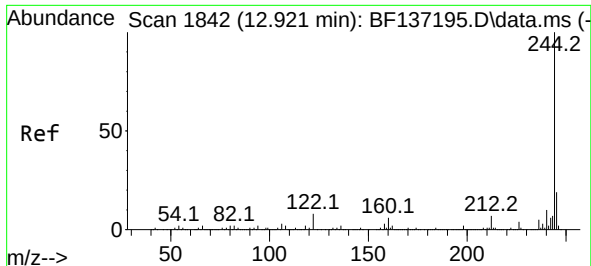
Ion Ratio Lower Upper

202 100

200 21.3 16.5 24.7

203 17.9 13.8 20.6

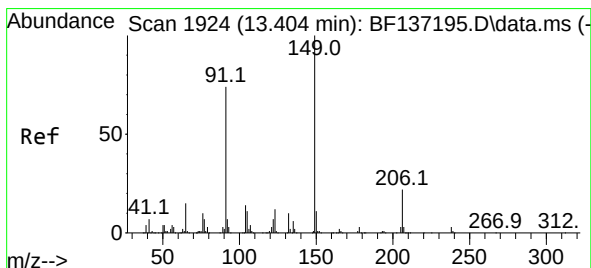
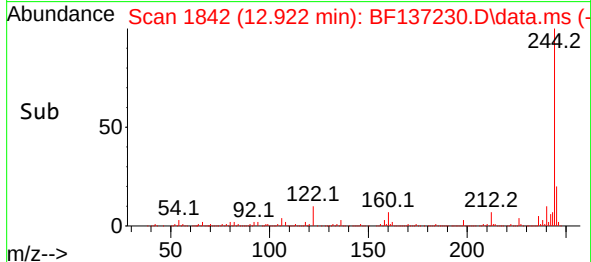
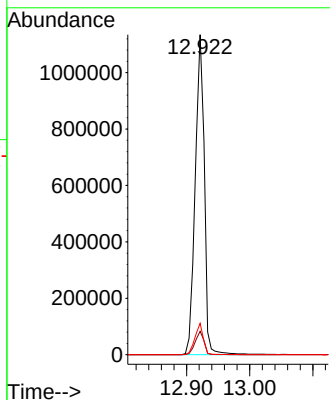
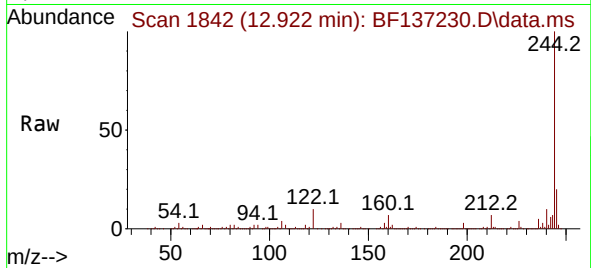




#79
 Terphenyl-d14
 Concen: 91.349 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137230.D
 Acq: 01 Feb 2024 14:16

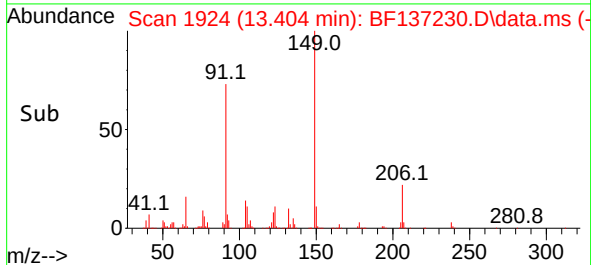
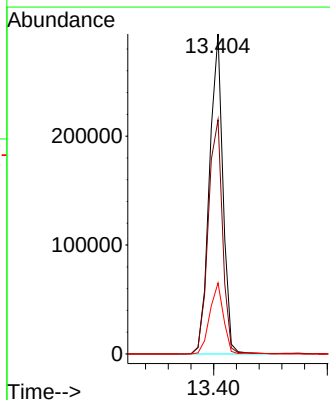
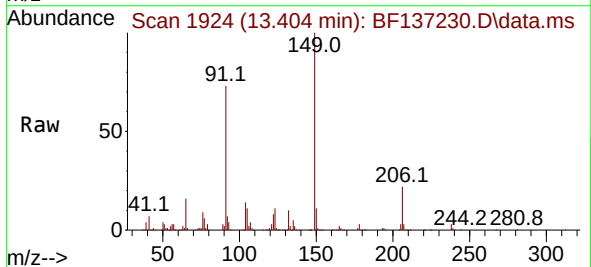
Instrument :
 BNA_F
 ClientSampleId :
 PB158728BS

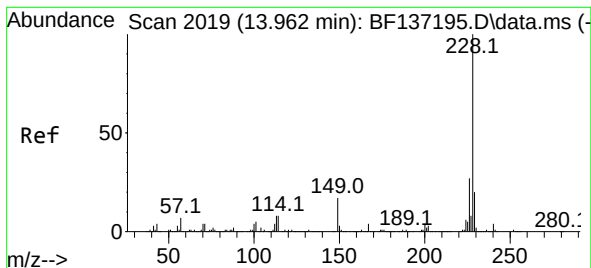
Tgt Ion:244 Resp: 1133785
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 9.8 6.2 9.4#



#80
 Butylbenzylphthalate
 Concen: 58.458 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF137230.D
 Acq: 01 Feb 2024 14:16

Tgt Ion:149 Resp: 242480
 Ion Ratio Lower Upper
 149 100
 91 73.2 58.8 88.2
 206 22.2 17.7 26.5





#81

Benzo(a)anthracene

Concen: 46.065 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB158728BS

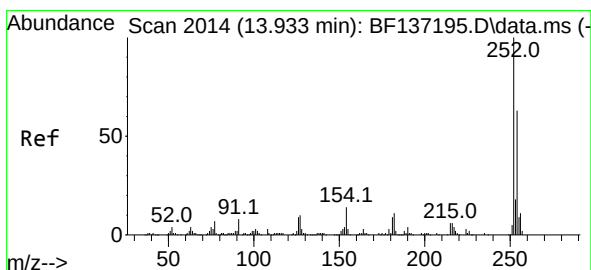
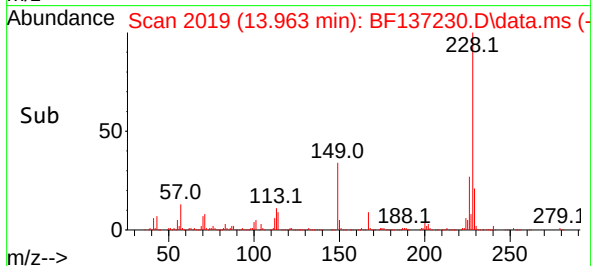
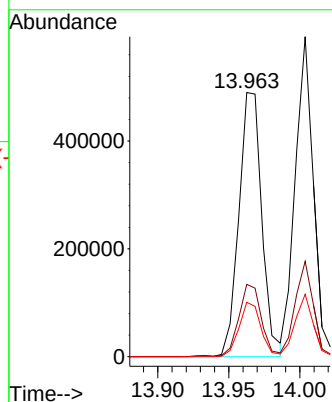
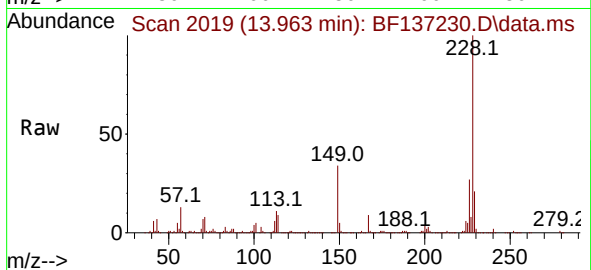
Tgt Ion:228 Resp: 550455

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

229 20.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 36.986 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

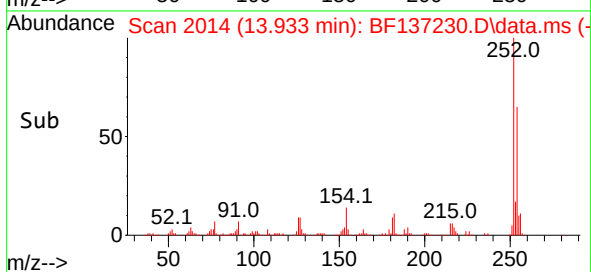
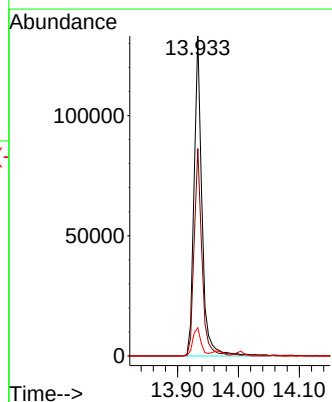
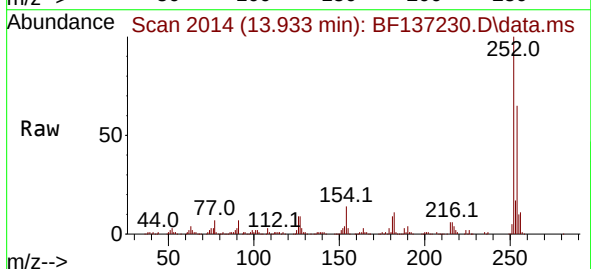
Tgt Ion:252 Resp: 120413

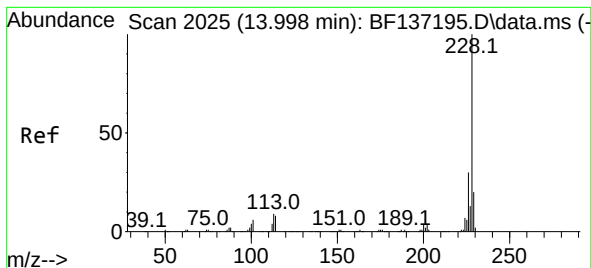
Ion Ratio Lower Upper

252 100

254 64.8 50.2 75.2

126 8.8 7.0 10.6





#83

Chrysene

Concen: 46.223 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB158728BS

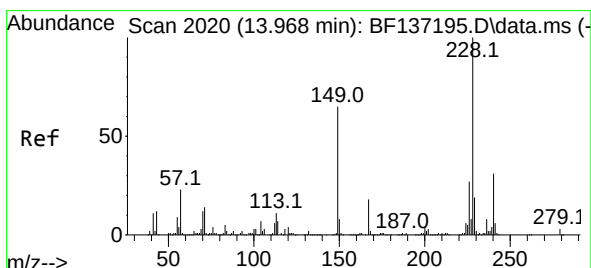
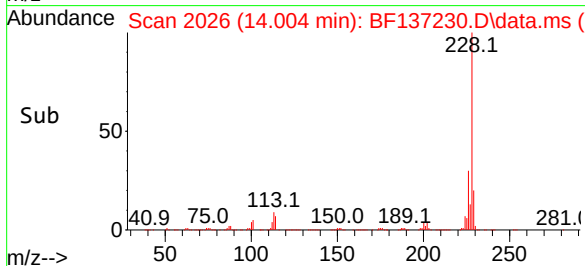
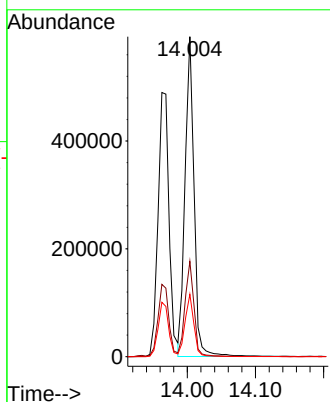
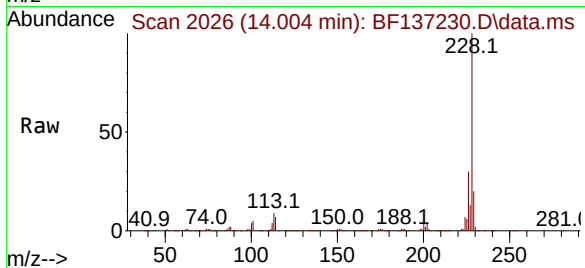
Tgt Ion:228 Resp: 543023

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.399 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

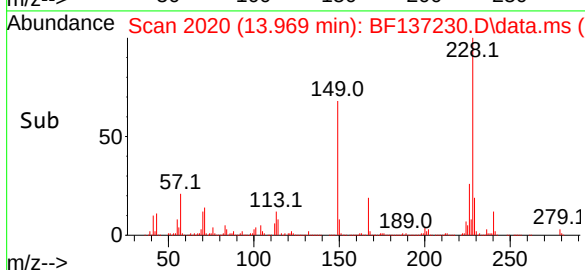
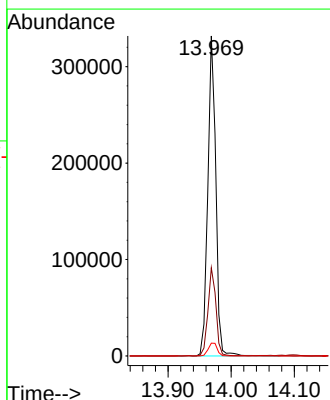
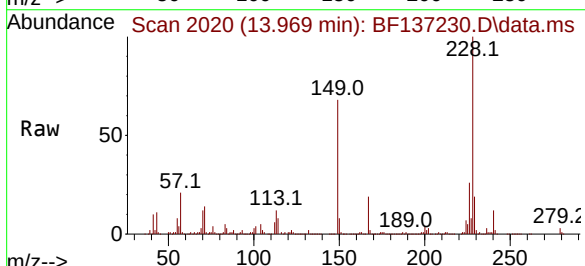
Tgt Ion:149 Resp: 291472

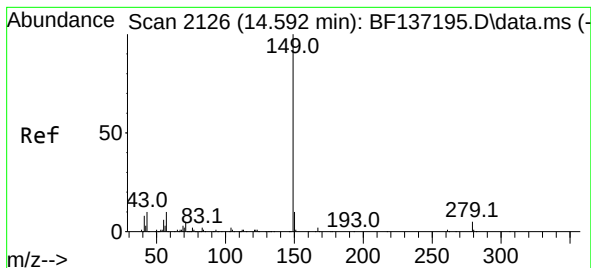
Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

279 4.0 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 61.339 ng

RT: 14.586 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB158728BS

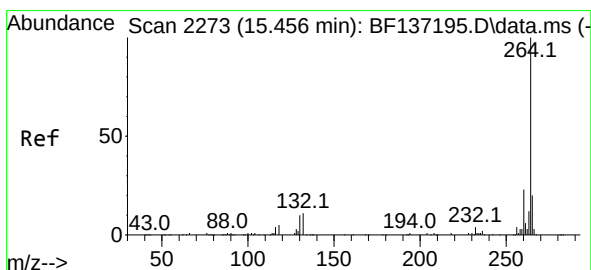
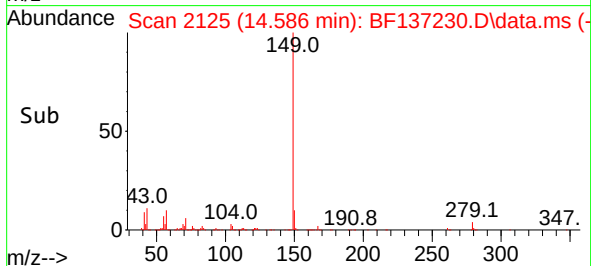
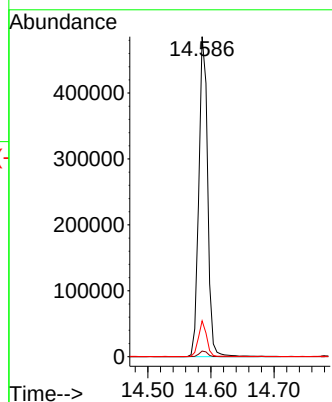
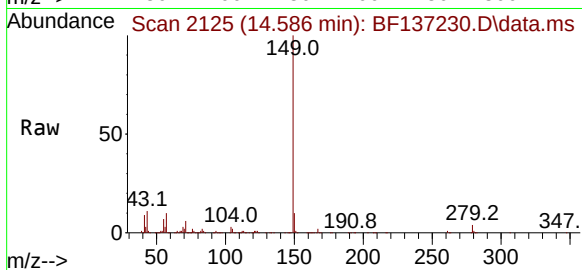
Tgt Ion:149 Resp: 470666

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 10.4 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

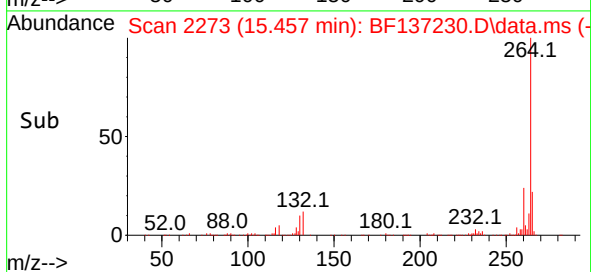
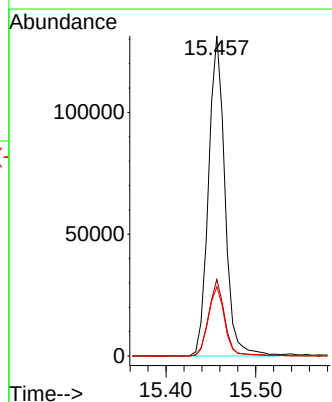
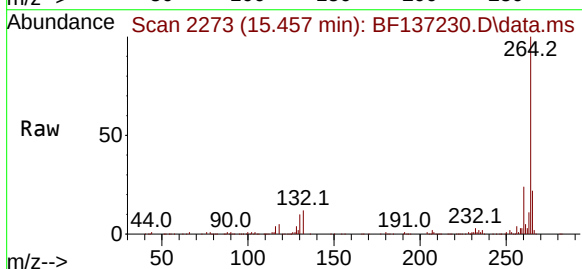
Tgt Ion:264 Resp: 166752

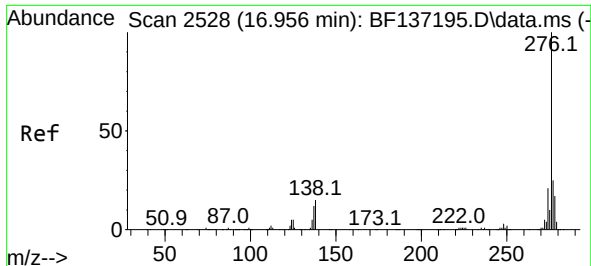
Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 21.6 16.2 24.2

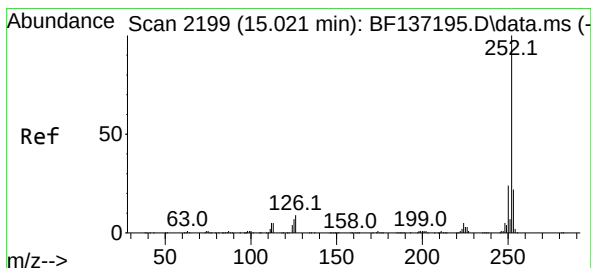
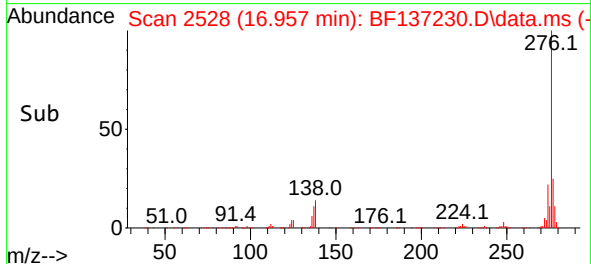
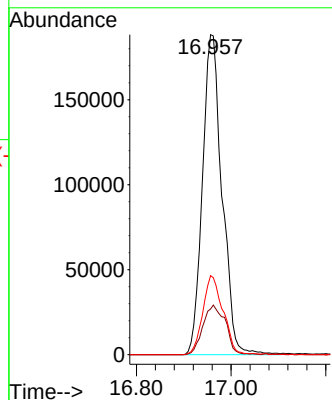
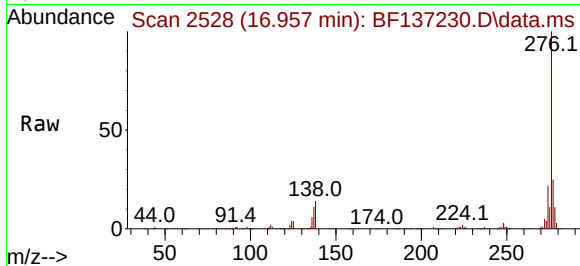




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.257 ng
RT: 16.957 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

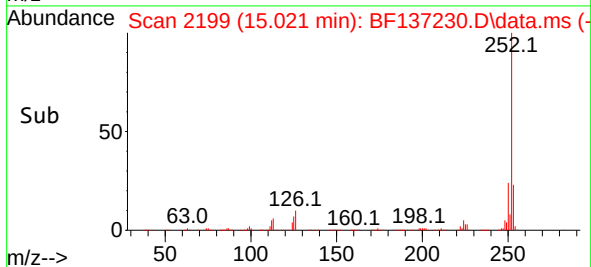
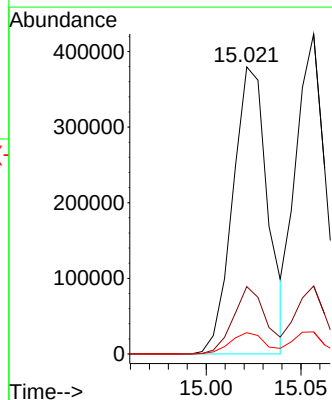
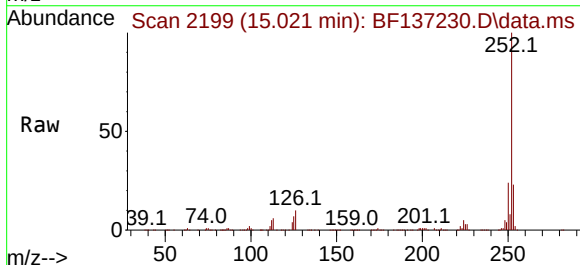
Instrument :
BNA_F
ClientSampleId :
PB158728BS

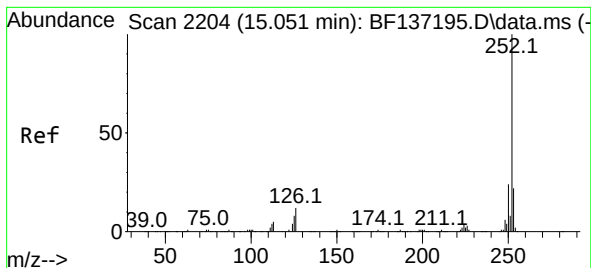
Tgt Ion:276 Resp: 541918
Ion Ratio Lower Upper
276 100
138 17.8 14.6 21.8
277 25.6 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 47.688 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:252 Resp: 489042
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 7.4 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 43.386 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB158728BS

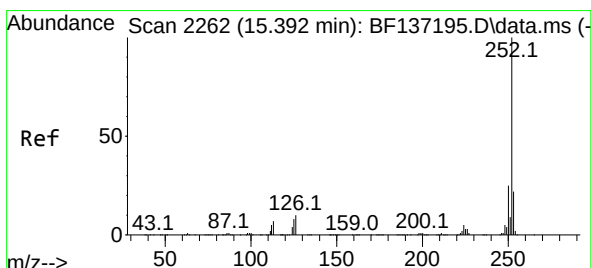
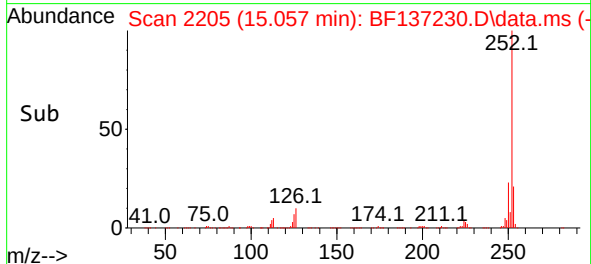
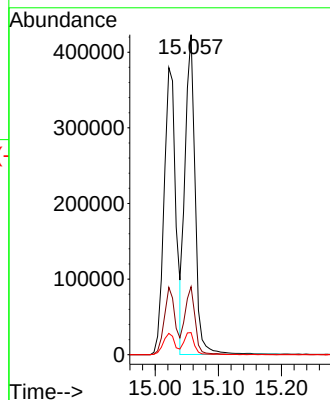
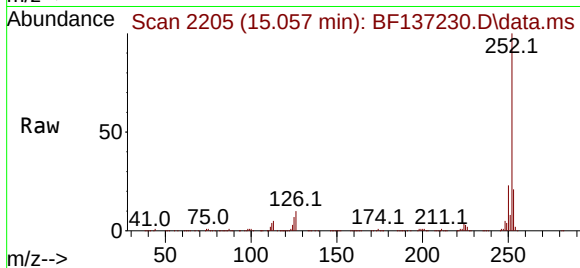
Tgt Ion:252 Resp: 470682

Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

125 6.9 5.9 8.9



#90

Benzo(a)pyrene

Concen: 45.277 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.006 min

Lab File: BF137230.D

Acq: 01 Feb 2024 14:16

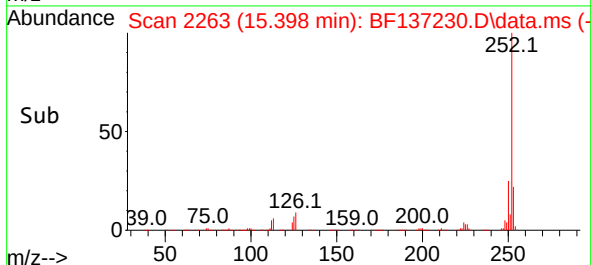
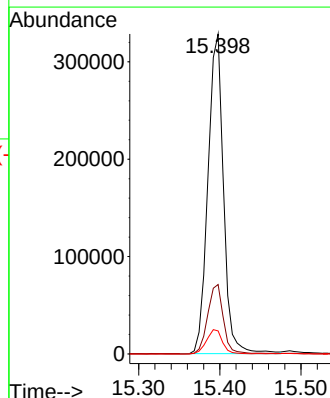
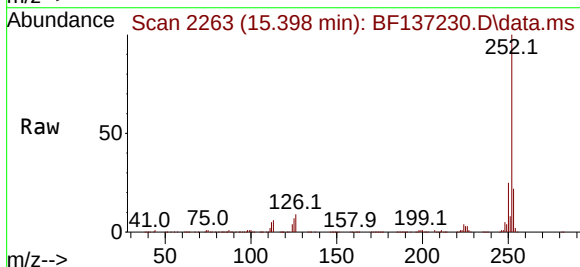
Tgt Ion:252 Resp: 436959

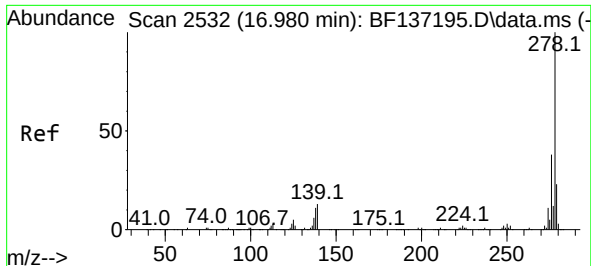
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 7.2 6.5 9.7

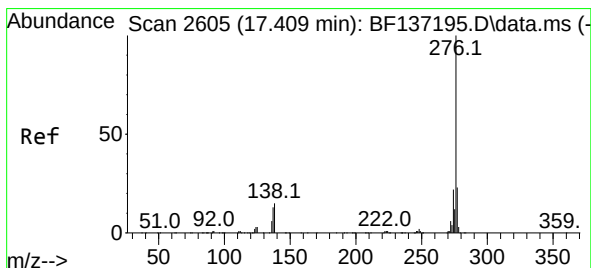
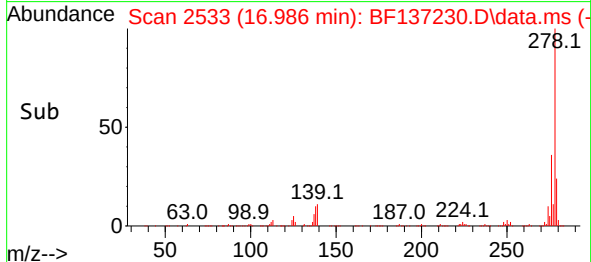
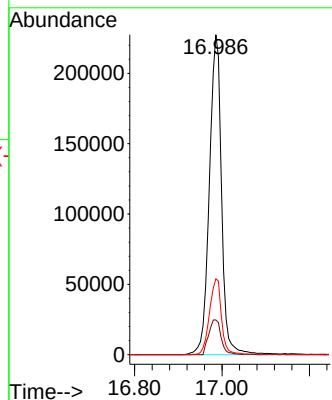
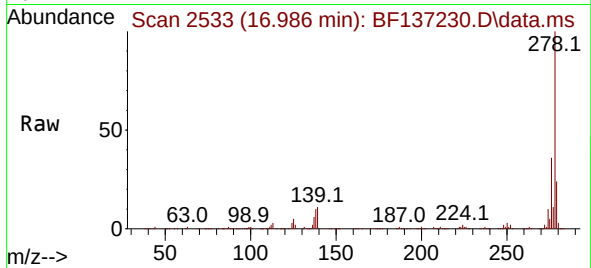




#91
Dibenzo(a,h)anthracene
Concen: 47.016 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Instrument :
BNA_F
ClientSampleId :
PB158728BS

Tgt Ion:278 Resp: 441348
Ion Ratio Lower Upper
278 100
139 10.8 10.0 15.0
279 23.7 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 45.730 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF137230.D
Acq: 01 Feb 2024 14:16

Tgt Ion:276 Resp: 421324
Ion Ratio Lower Upper
276 100
277 23.8 18.4 27.6
138 15.8 11.8 17.8

