

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137227.D
 Acq On : 01 Feb 2024 12:48
 Operator : CG\JU
 Sample : PB158741BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158741BS

Quant Time: Feb 01 13:17:29 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	64103	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	259338	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	154009	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	307286	20.000	ng	0.00
76) Chrysene-d12	13.974	240	167477	20.000	ng	0.00
86) Perylene-d12	15.457	264	165308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	565947	145.681	ng	0.03
7) Phenol-d6	6.440	99	762798	137.588	ng	0.01
23) Nitrobenzene-d5	7.363	82	497971	85.969	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	241158	138.652	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	907329	80.987	ng	0.00
79) Terphenyl-d14	12.921	244	1092277	88.662	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	73423	35.322	ng	99
3) Pyridine	3.422	79	165398	39.851	ng	98
4) n-Nitrosodimethylamine	3.393	42	91631	43.854	ng	89
6) Aniline	6.463	93	181386	30.563	ng	95
8) 2-Chlorophenol	6.581	128	206500	47.540	ng	98
9) Benzaldehyde	6.351	77	41439	19.627	ng	93
10) Phenol	6.451	94	280484	45.324	ng	99
11) bis(2-Chloroethyl)ether	6.540	93	192130	46.457	ng	98
12) 1,3-Dichlorobenzene	6.739	146	221642	43.520	ng	97
13) 1,4-Dichlorobenzene	6.816	146	233100	44.256	ng	97
14) 1,2-Dichlorobenzene	6.963	146	217021	44.068	ng	98
15) Benzyl Alcohol	6.939	79	201000	51.031	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	305532	41.012	ng	99
17) 2-Methylphenol	7.051	107	180902	49.850	ng	98
18) Hexachloroethane	7.304	117	82816	43.596	ng	94
19) n-Nitroso-di-n-propyla...	7.216	70	168152	44.236	ng	96
20) 3+4-Methylphenols	7.204	107	221554	48.228	ng	97
22) Acetophenone	7.210	105	305552	43.764	ng	98
24) Nitrobenzene	7.381	77	251871	44.800	ng	97
25) Isophorone	7.616	82	455254	42.580	ng	99
26) 2-Nitrophenol	7.692	139	101104	46.530	ng	91
27) 2,4-Dimethylphenol	7.734	122	145810	47.713	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	248849	43.829	ng	99
29) 2,4-Dichlorophenol	7.934	162	176140	46.461	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	202240	42.946	ng	99
31) Naphthalene	8.098	128	606160	43.235	ng	99
32) Benzoic acid	7.869	122	116317	52.865	ng	95
33) 4-Chloroaniline	8.145	127	46924	9.730	ng	96
34) Hexachlorobutadiene	8.216	225	133243	42.554	ng	97
35) Caprolactam	8.522	113	32574	27.633	ng	97
36) 4-Chloro-3-methylphenol	8.633	107	208841	46.640	ng	94
37) 2-Methylnaphthalene	8.786	142	407308	43.334	ng	99
38) 1-Methylnaphthalene	8.886	142	386060	44.221	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	216491	42.010	ng	99
41) Hexachlorocyclopentadiene	8.939	237	280614	114.329	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	139192	47.621	ng	97

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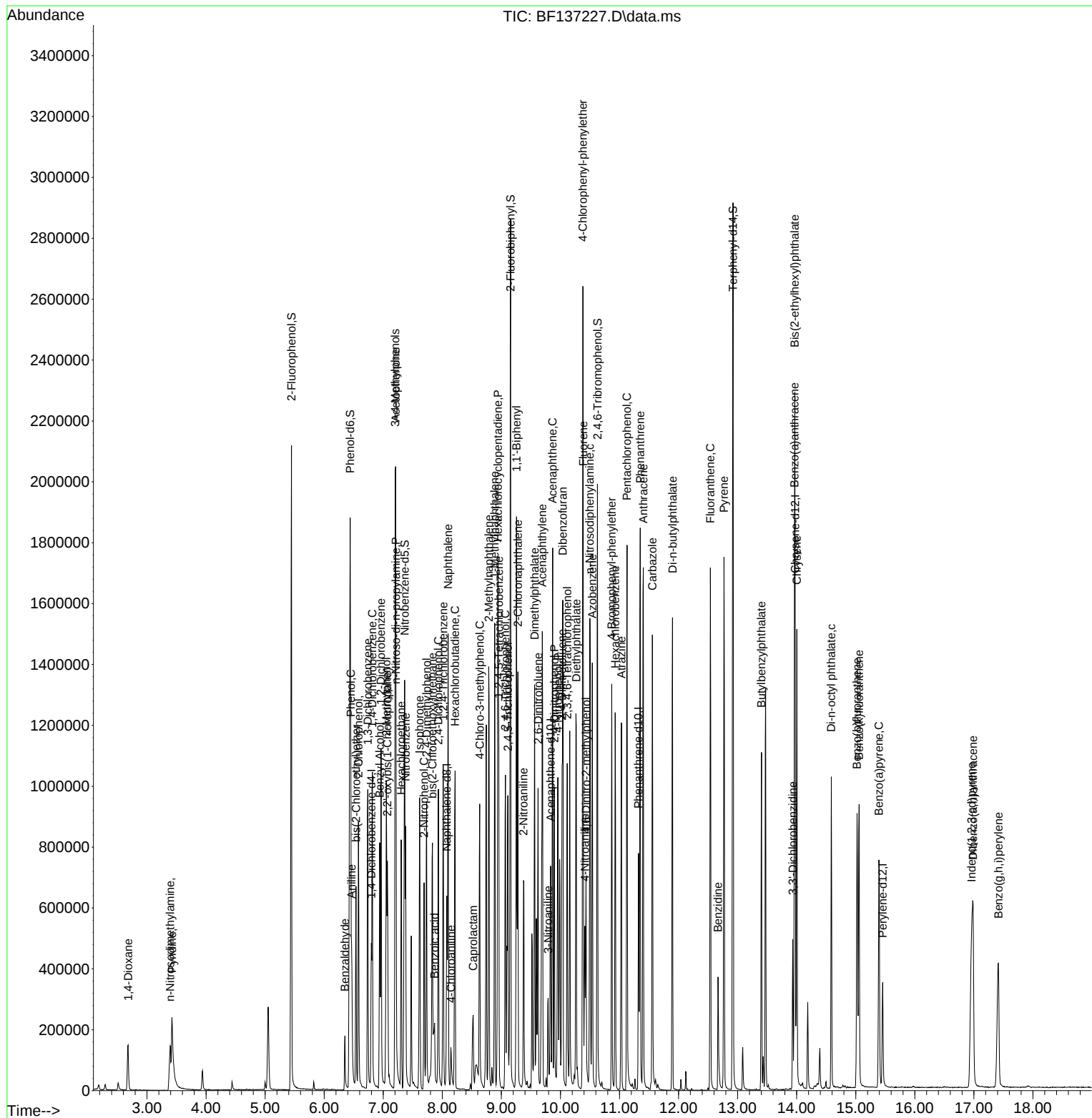
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	150828	47.208	ng	98
46) 1,1'-Biphenyl	9.257	154	534614	43.630	ng	97
47) 2-Chloronaphthalene	9.281	162	393757	43.421	ng	99
48) 2-Nitroaniline	9.375	65	145146	49.453	ng	96
49) Acenaphthylene	9.692	152	635565	43.780	ng	100
50) Dimethylphthalate	9.563	163	472683	45.431	ng	100
51) 2,6-Dinitrotoluene	9.622	165	107907	48.636	ng	96
52) Acenaphthene	9.869	154	377843	44.284	ng	100
53) 3-Nitroaniline	9.792	138	50654	25.370	ng	91
54) 2,4-Dinitrophenol	9.898	184	117092	112.986	ng	87
55) Dibenzofuran	10.039	168	592638	43.658	ng	99
56) 4-Nitrophenol	9.957	139	158974	121.903	ng	99
57) 2,4-Dinitrotoluene	10.028	165	148114	51.451	ng	91
58) Fluorene	10.386	166	468483	44.023	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	142971	48.094	ng	97
60) Diethylphthalate	10.269	149	473370	46.207	ng	98
61) 4-Chlorophenyl-phenyle...	10.380	204	233090	44.066	ng	98
62) 4-Nitroaniline	10.416	138	86323	45.169	ng	97
63) Azobenzene	10.539	77	506059	44.603	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	81992	50.102	ng	93
66) n-Nitrosodiphenylamine	10.498	169	415773	44.500	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	154444	45.709	ng	93
68) Hexachlorobenzene	10.927	284	166419	44.095	ng	99
69) Atrazine	11.033	200	143821	46.629	ng	98
70) Pentachlorophenol	11.127	266	216318	99.986	ng	99
71) Phenanthrene	11.351	178	709382	44.097	ng	99
72) Anthracene	11.404	178	741506	44.224	ng	99
73) Carbazole	11.557	167	621309	44.339	ng	99
74) Di-n-butylphthalate	11.898	149	739174	48.798	ng	99
75) Fluoranthene	12.539	202	722155	42.900	ng	98
77) Benzidine	12.669	184	169111	56.390	ng	99
78) Pyrene	12.769	202	741895	46.096	ng	100
80) Butylbenzylphthalate	13.404	149	228300	55.451	ng	100
81) Benzo(a)anthracene	13.963	228	538427	45.395	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	108706	33.640	ng	96
83) Chrysene	14.004	228	515670	44.223	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	277496	57.932	ng	99
85) Di-n-octyl phthalate	14.586	149	439119	57.656	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	522553	44.994	ng	99
88) Benzo(b)fluoranthene	15.021	252	478176	47.036	ng	98
89) Benzo(k)fluoranthene	15.057	252	444457	41.326	ng	99
90) Benzo(a)pyrene	15.392	252	424593	44.380	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	424057	45.569	ng	97
92) Benzo(g,h,i)perylene	17.415	276	410701	44.967	ng	98

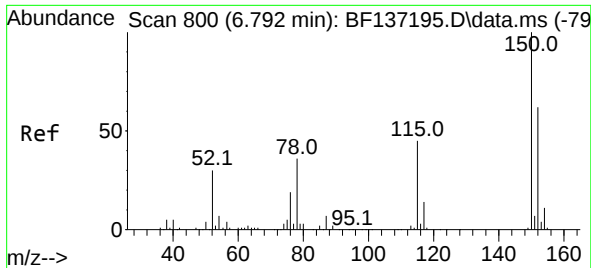
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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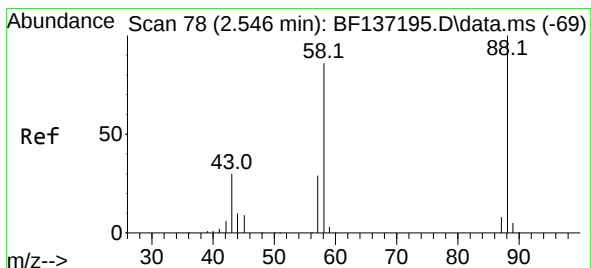
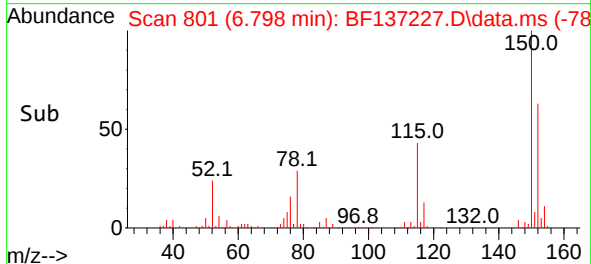
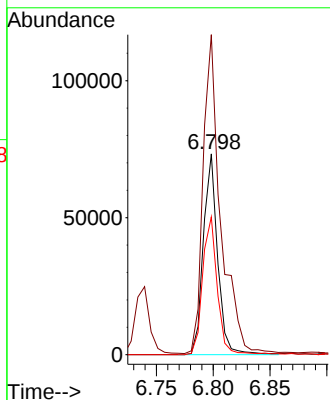
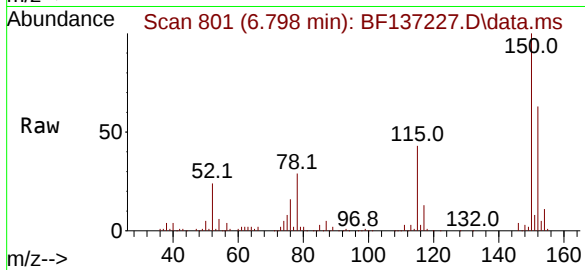




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

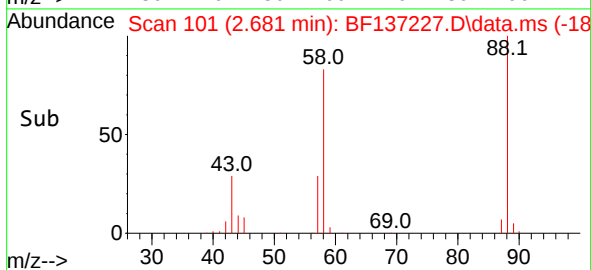
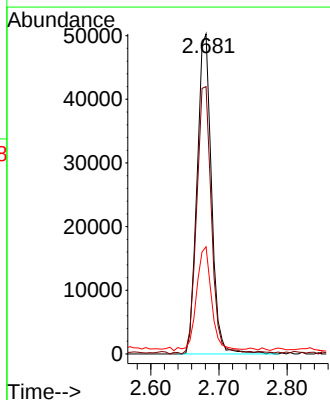
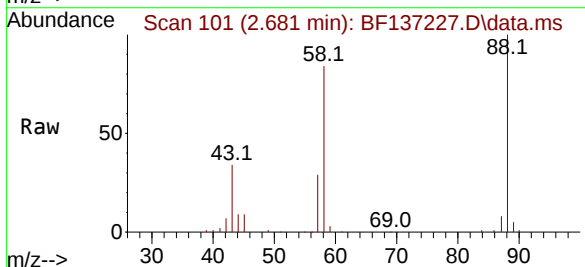
Instrument :
BNA_F
ClientSampleId :
PB158741BS

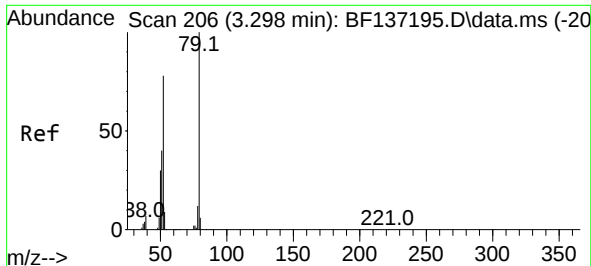
Tgt Ion:152 Resp: 64103
Ion Ratio Lower Upper
152 100
150 159.4 129.8 194.8
115 68.6 58.5 87.7



#2
1,4-Dioxane
Concen: 35.322 ng
RT: 2.681 min Scan# 101
Delta R.T. 0.135 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion: 88 Resp: 73423
Ion Ratio Lower Upper
88 100
58 86.0 67.8 101.8
43 34.0 26.6 40.0





#3

Pyridine

Concen: 39.851 ng

RT: 3.422 min Scan# 21

Delta R.T. 0.124 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB158741BS

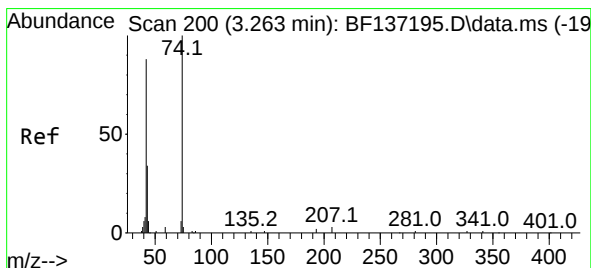
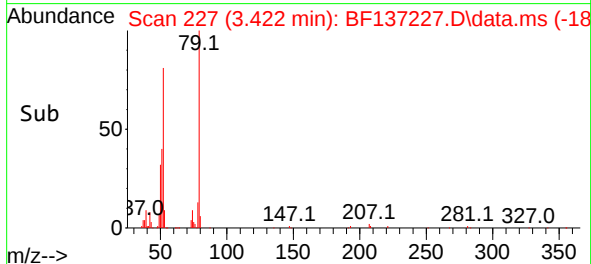
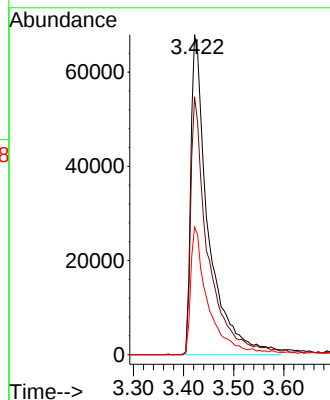
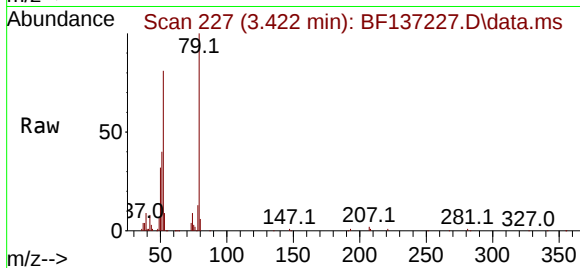
Tgt Ion: 79 Resp: 165398

Ion Ratio Lower Upper

79 100

52 80.6 62.6 94.0

51 39.9 33.0 49.4



#4

n-Nitrosodimethylamine

Concen: 43.854 ng

RT: 3.393 min Scan# 222

Delta R.T. 0.130 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

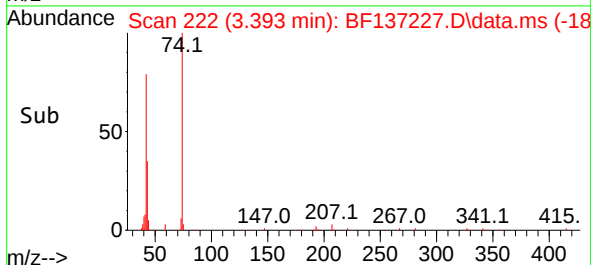
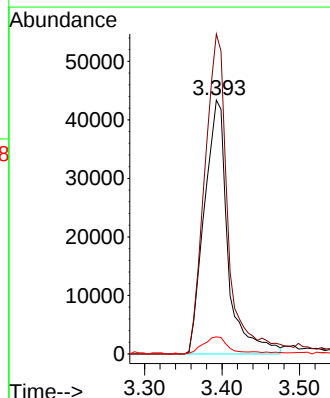
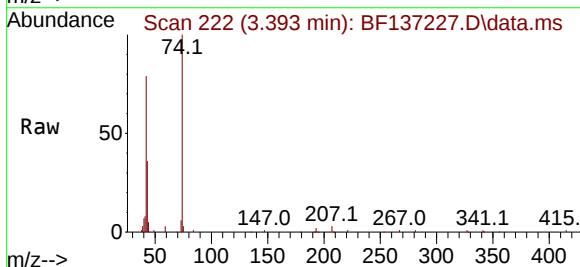
Tgt Ion: 42 Resp: 91631

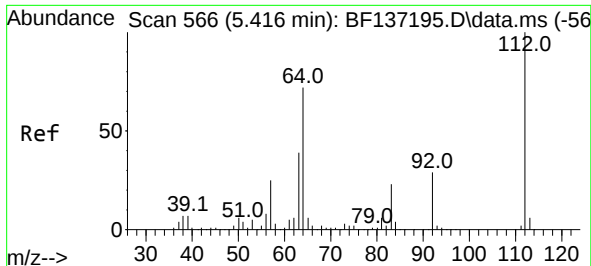
Ion Ratio Lower Upper

42 100

74 126.0 90.5 135.7

44 6.8 6.1 9.1

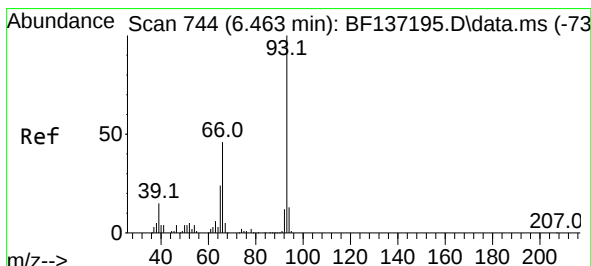
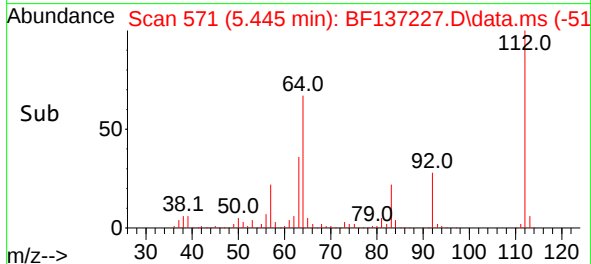
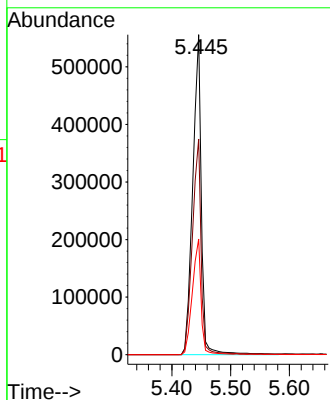
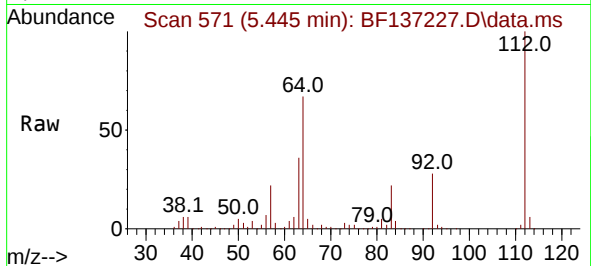




#5
2-Fluorophenol
Concen: 145.681 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

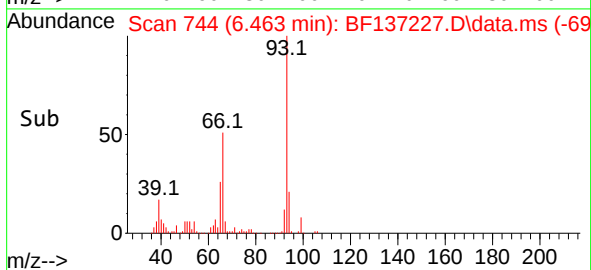
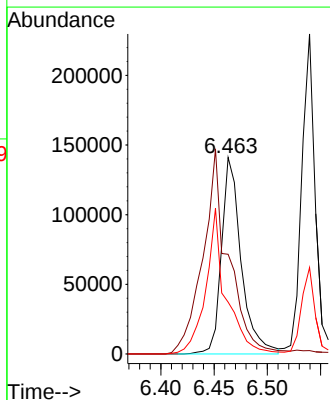
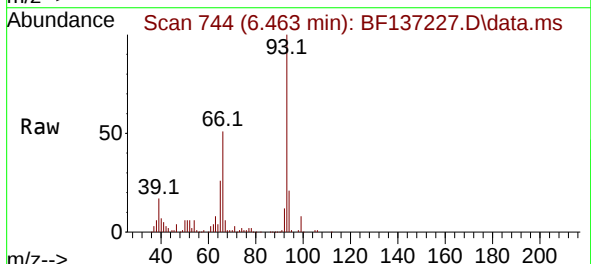
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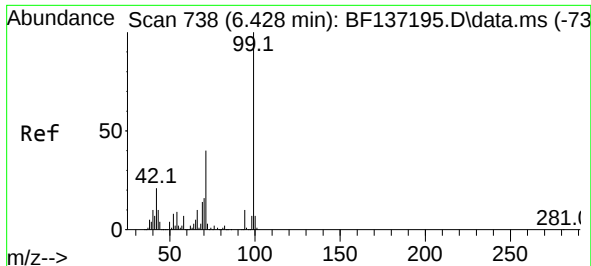
Tgt Ion:112 Resp: 565947
Ion Ratio Lower Upper
112 100
64 67.4 57.8 86.6
63 36.1 31.4 47.0



#6
Aniline
Concen: 30.563 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion: 93 Resp: 181386
Ion Ratio Lower Upper
93 100
66 50.7 37.9 56.9
65 26.3 19.0 28.4





#7

Phenol-d6

Concen: 137.588 ng

RT: 6.440 min Scan# 741

Delta R.T. 0.012 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

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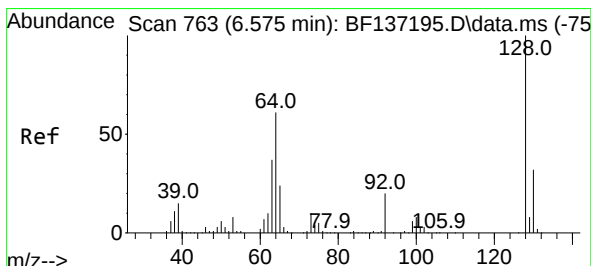
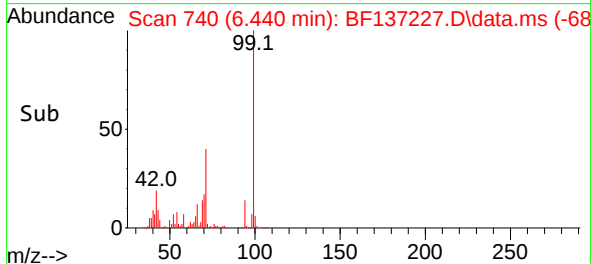
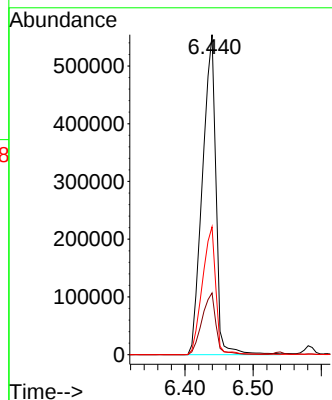
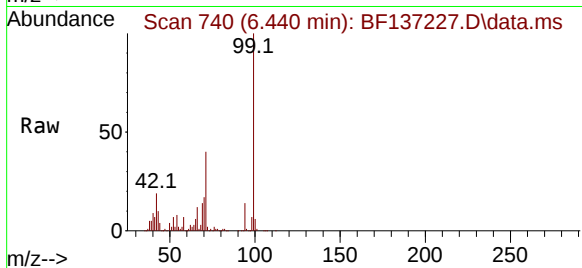
Tgt Ion: 99 Resp: 762798

Ion Ratio Lower Upper

99 100

42 19.3 16.4 24.6

71 40.0 32.4 48.6



#8

2-Chlorophenol

Concen: 47.540 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.006 min

Lab File: BF137227.D

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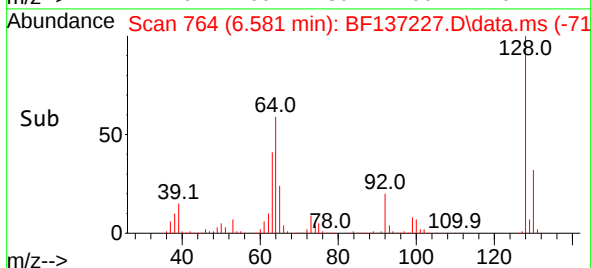
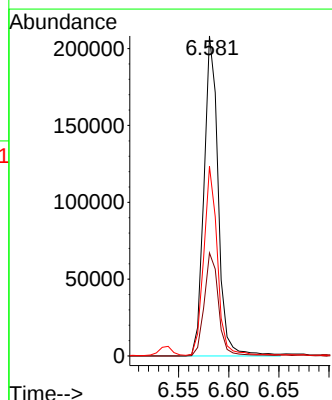
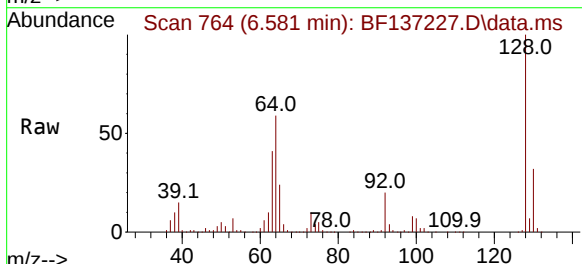
Tgt Ion: 128 Resp: 206500

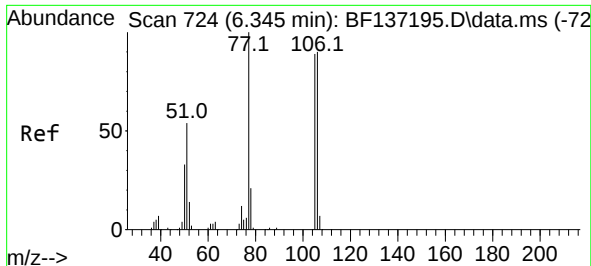
Ion Ratio Lower Upper

128 100

130 32.2 12.4 52.4

64 59.3 41.6 81.6





#9

Benzaldehyde

Concen: 19.627 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.006 min

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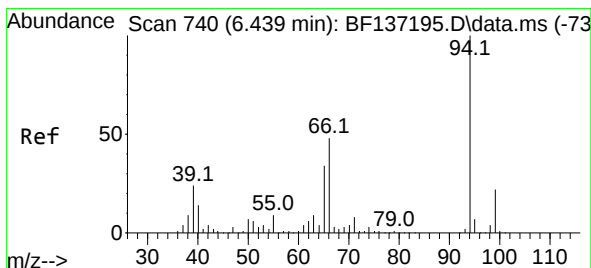
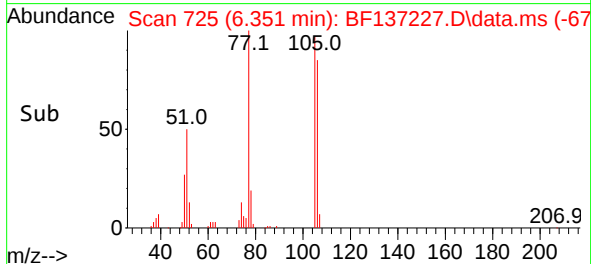
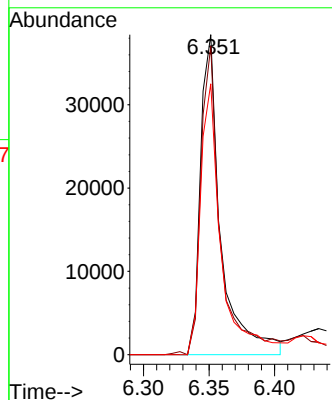
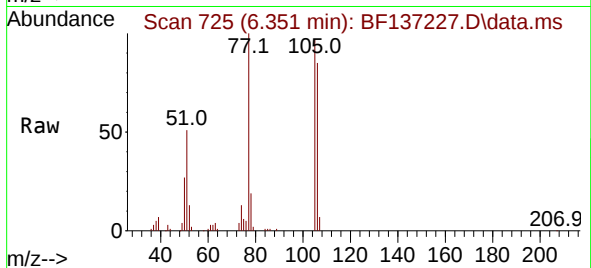
Tgt Ion: 77 Resp: 41439

Ion Ratio Lower Upper

77 100

105 96.5 69.1 109.1

106 84.7 69.6 109.6



#10

Phenol

Concen: 45.324 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.012 min

Lab File: BF137227.D

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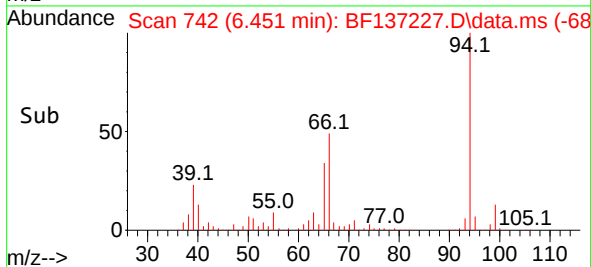
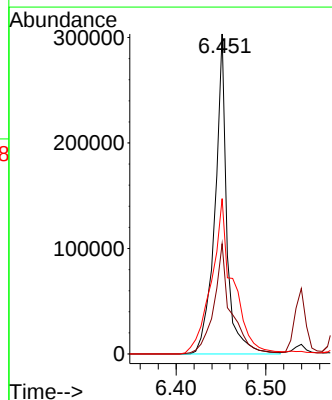
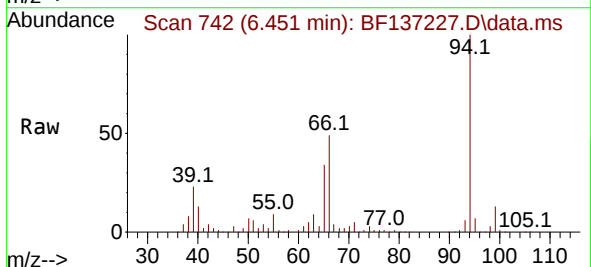
Tgt Ion: 94 Resp: 280484

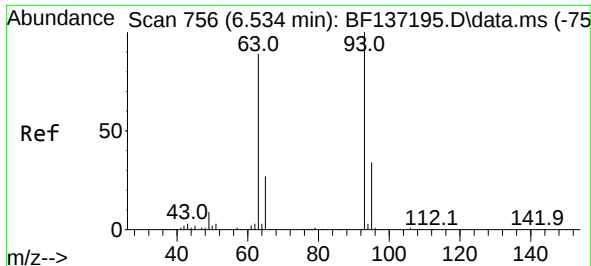
Ion Ratio Lower Upper

94 100

65 34.5 13.7 53.7

66 48.6 27.8 67.8

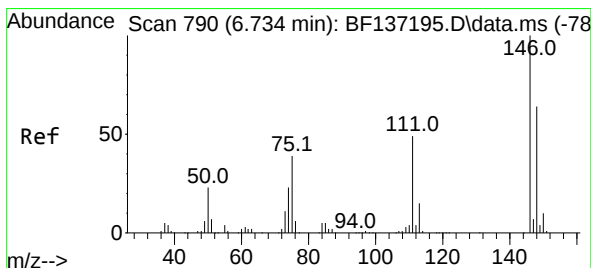
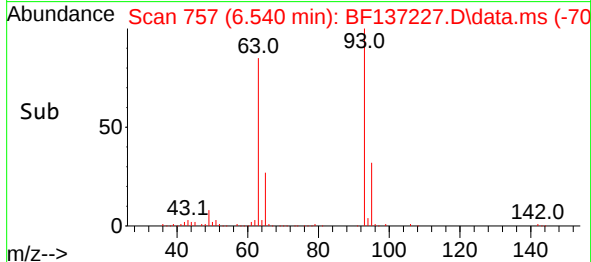
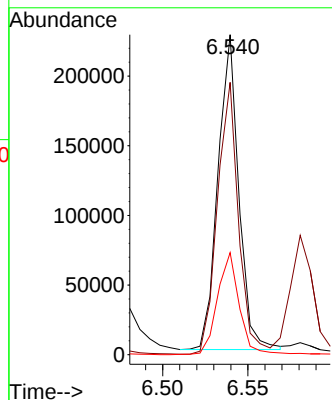
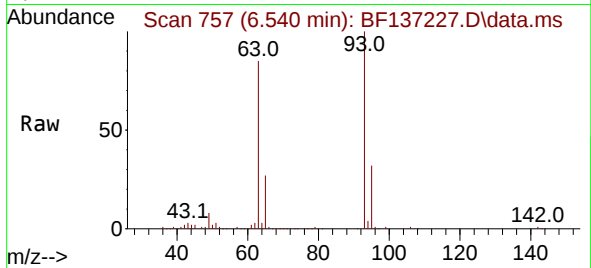




#11
bis(2-Chloroethyl)ether
Concen: 46.457 ng
RT: 6.540 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

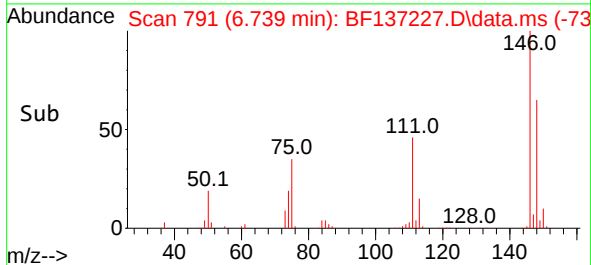
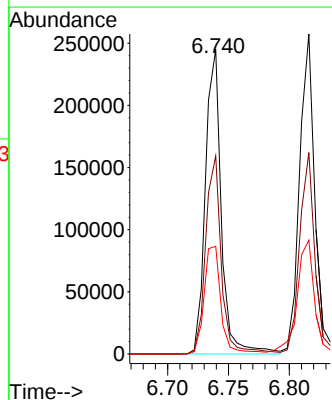
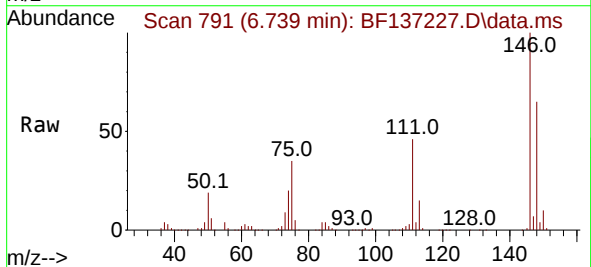
Instrument :
BNA_F
ClientSampleId :
PB158741BS

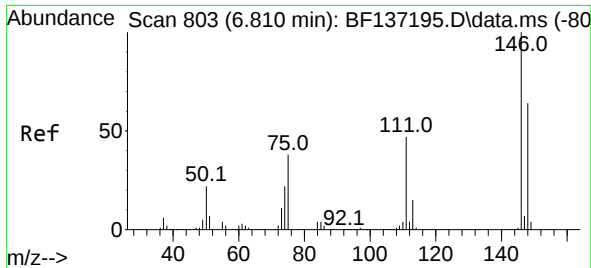
Tgt Ion: 93 Resp: 192130
Ion Ratio Lower Upper
93 100
63 85.1 66.7 106.7
95 31.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.520 ng
RT: 6.739 min Scan# 791
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion: 146 Resp: 221642
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.0
75 35.3 31.3 46.9

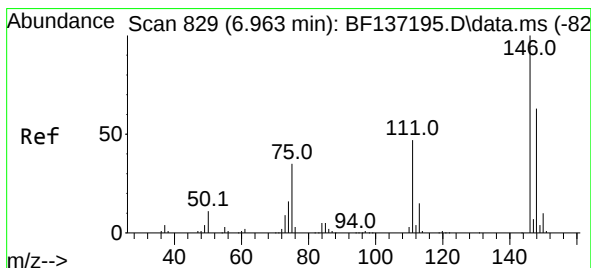
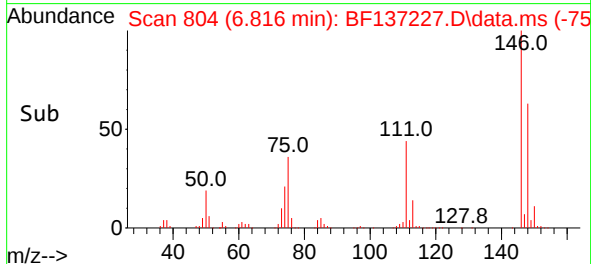
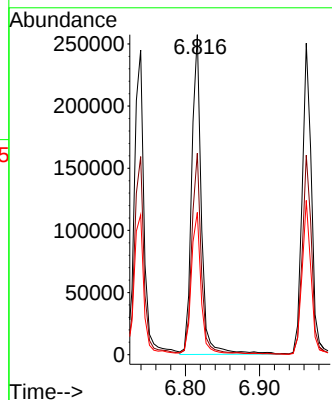
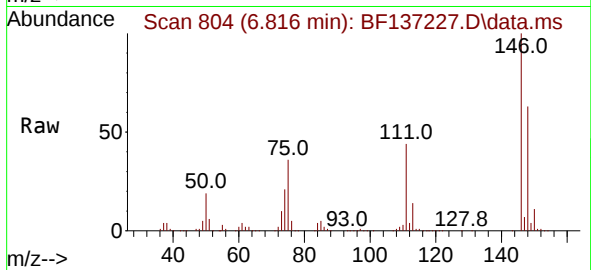




#13
1,4-Dichlorobenzene
Concen: 44.256 ng
RT: 6.816 min Scan# 803
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

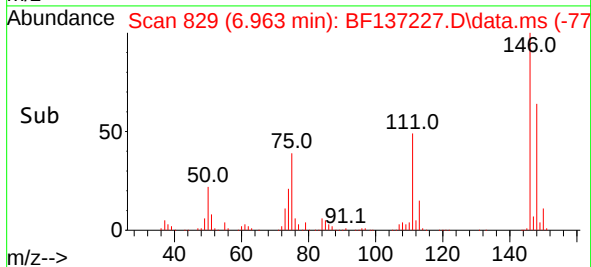
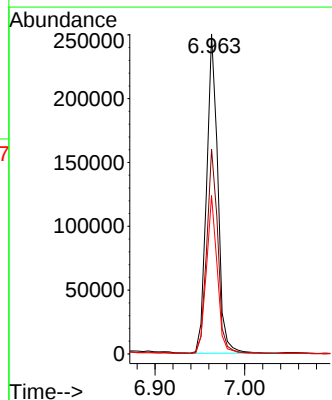
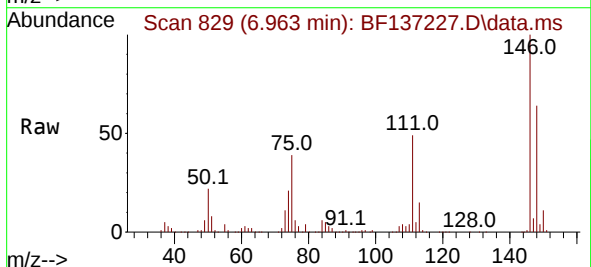
Instrument :
BNA_F
ClientSampleId :
PB158741BS

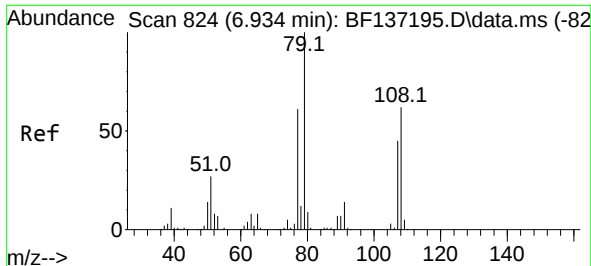
Tgt Ion:146 Resp: 233100
Ion Ratio Lower Upper
146 100
148 63.0 51.5 77.3
111 44.4 38.1 57.1



#14
1,2-Dichlorobenzene
Concen: 44.068 ng
RT: 6.963 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion:146 Resp: 217021
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
111 49.5 37.3 55.9

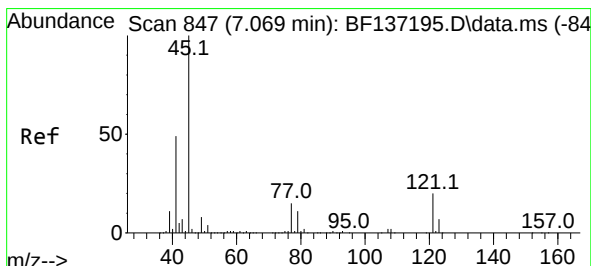
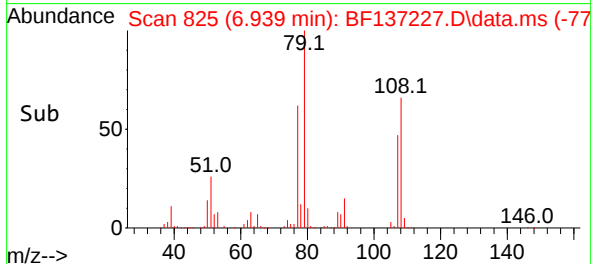
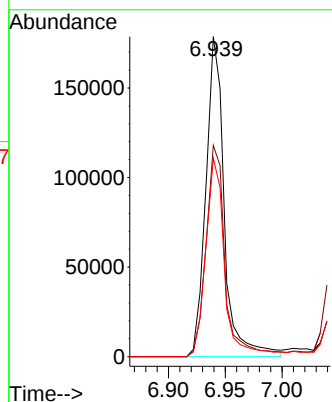
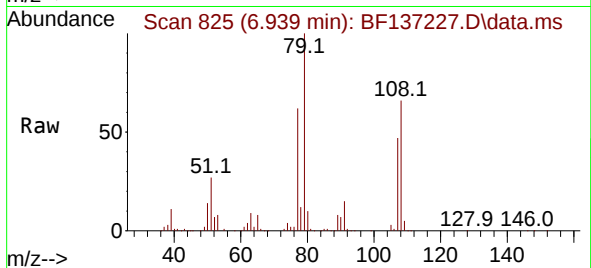




#15
Benzyl Alcohol
Concen: 51.031 ng
RT: 6.939 min Scan# 825
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

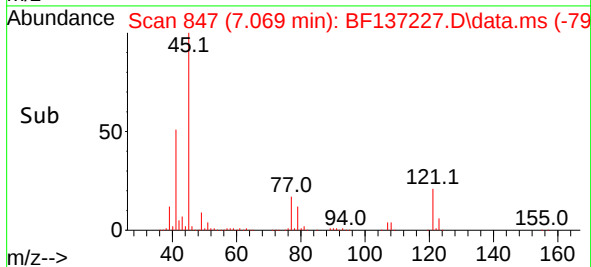
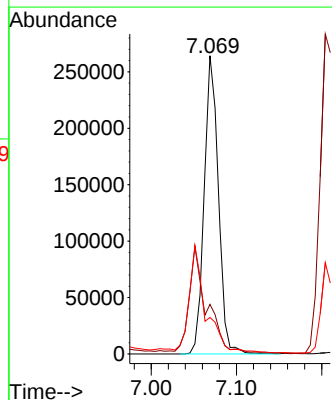
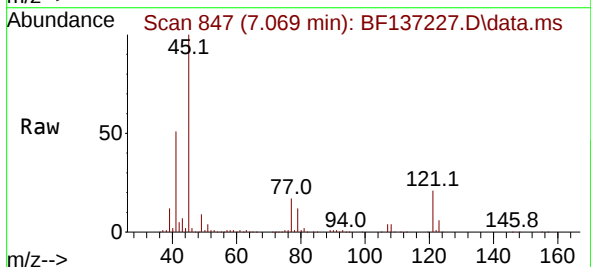
Instrument :
BNA_F
ClientSampleId :
PB158741BS

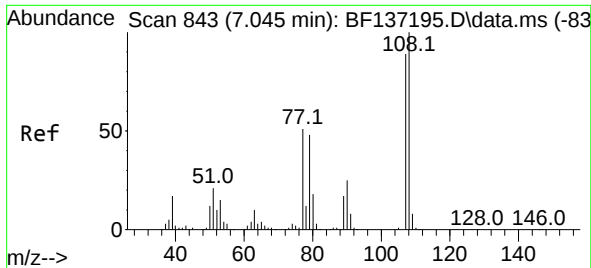
Tgt Ion: 79 Resp: 201000
Ion Ratio Lower Upper
79 100
108 66.1 49.3 73.9
77 62.0 48.8 73.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.012 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion: 45 Resp: 305532
Ion Ratio Lower Upper
45 100
77 16.6 0.0 35.9
79 12.3 0.0 32.4

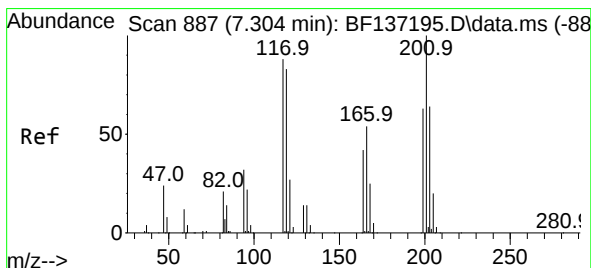
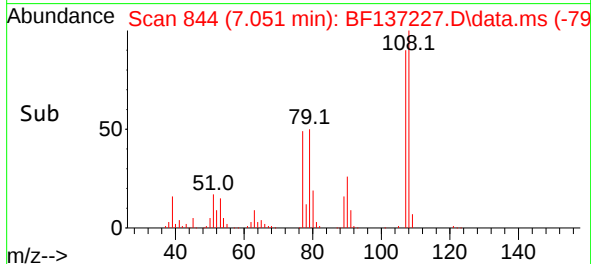
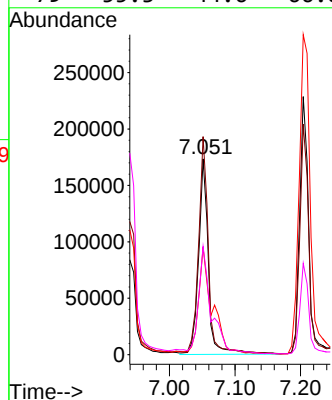
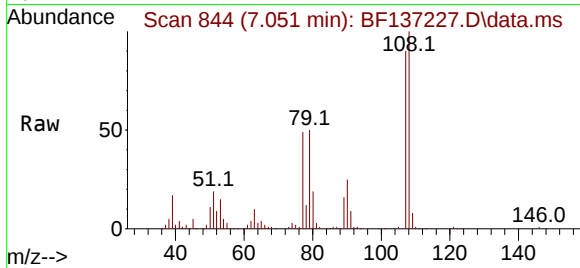




#17
2-Methylphenol
Concen: 49.850 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

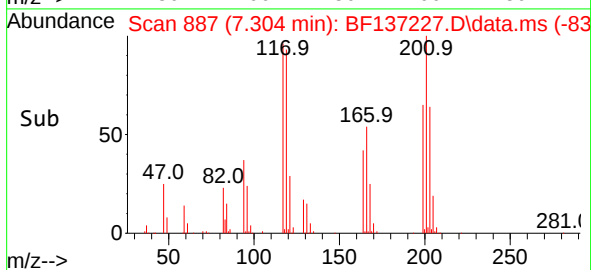
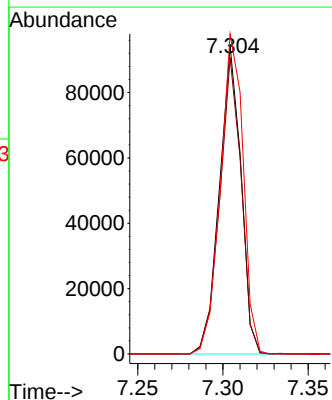
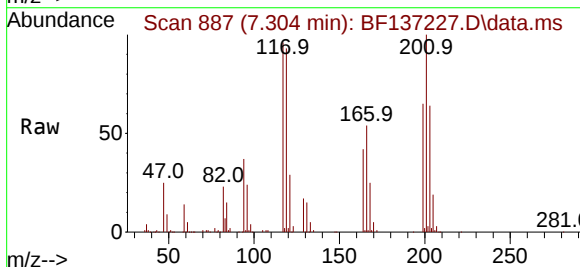
Instrument :
BNA_F
ClientSampleId :
PB158741BS

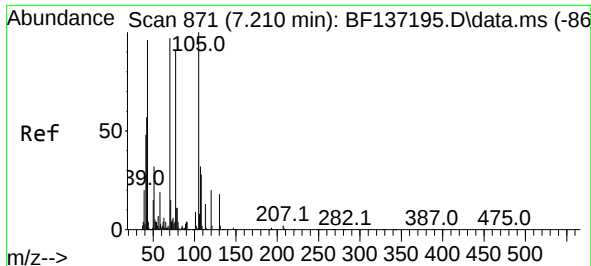
Tgt Ion:	107	Resp:	180902
Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.9	134.9
77	54.9	46.6	69.8
79	55.3	44.6	66.8



#18
Hexachloroethane
Concen: 43.596 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion:	117	Resp:	82816
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.2	114.4
201	103.9	91.4	137.0

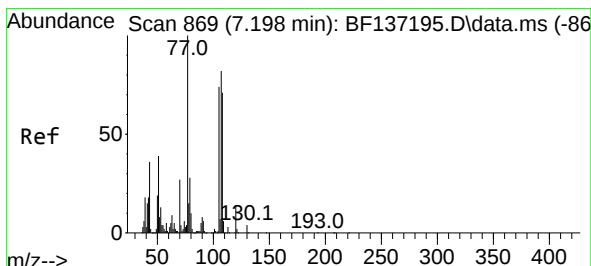
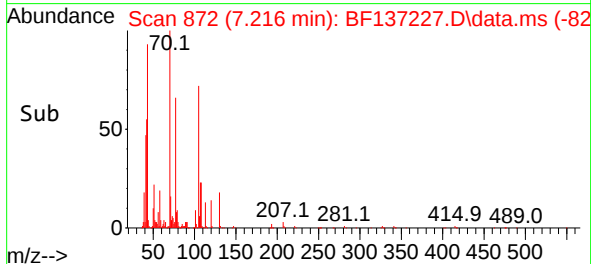
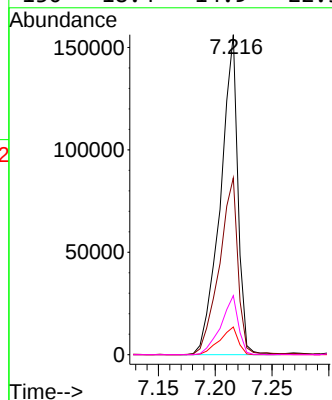
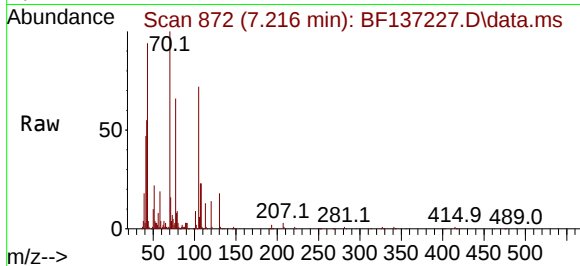




#19
n-Nitroso-di-n-propylamine
Concen: 44.236 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

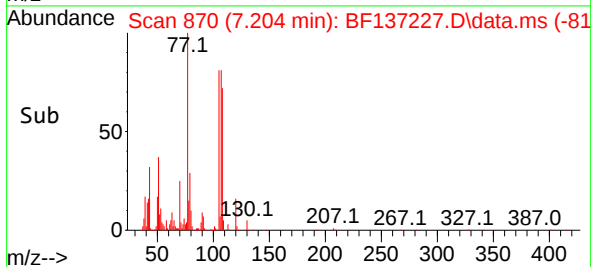
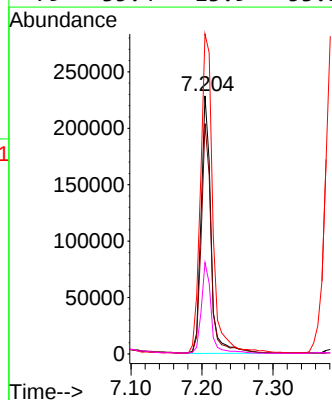
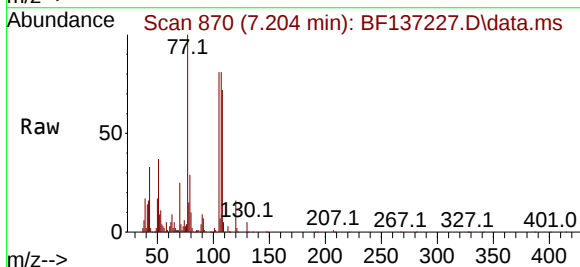
Instrument :
BNA_F
ClientSampleId :
PB158741BS

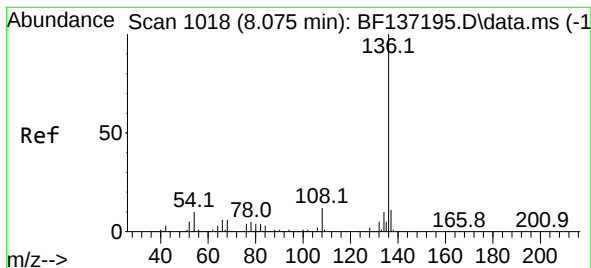
Tgt Ion:	70	Resp:	168152
Ion	Ratio	Lower	Upper
70	100		
42	55.3	47.2	70.8
101	8.6	7.4	11.0
130	18.4	14.9	22.3



#20
3+4-Methylphenols
Concen: 48.228 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion:	107	Resp:	221554
Ion	Ratio	Lower	Upper
107	100		
108	89.3	66.3	106.3
77	124.0	101.4	141.4
79	35.4	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: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB158741BS

Tgt Ion:136 Resp: 259338

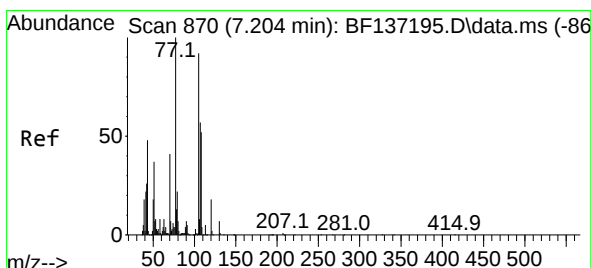
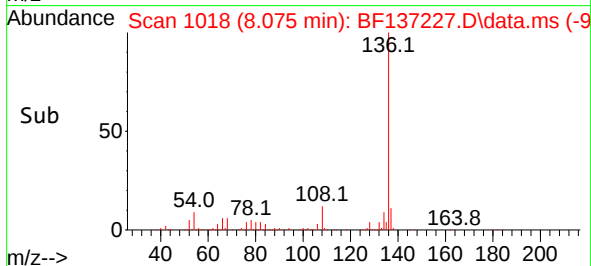
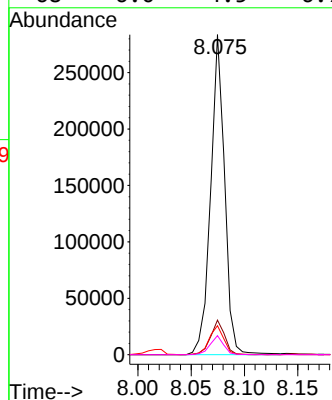
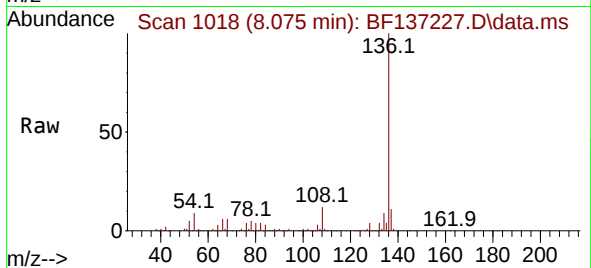
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.0 7.8 11.8

68 6.0 4.5 6.7



#22

Acetophenone

Concen: 43.764 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Tgt Ion:105 Resp: 305552

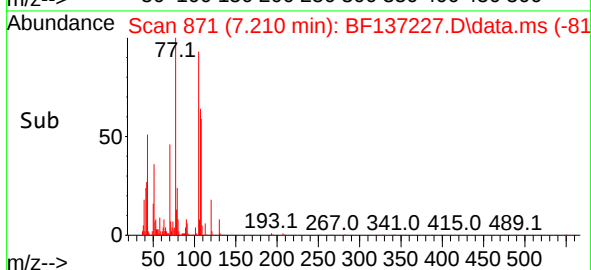
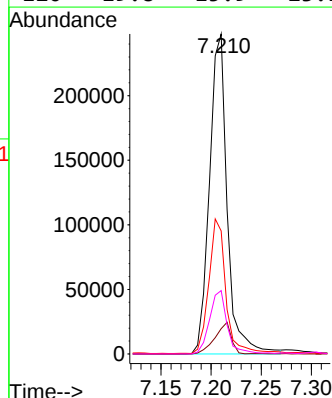
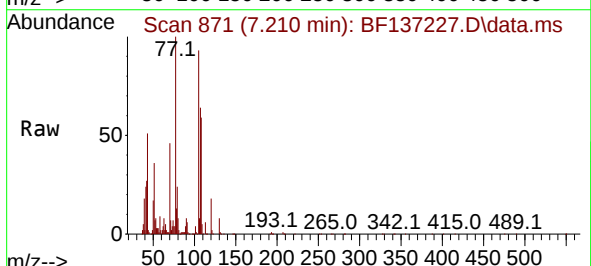
Ion Ratio Lower Upper

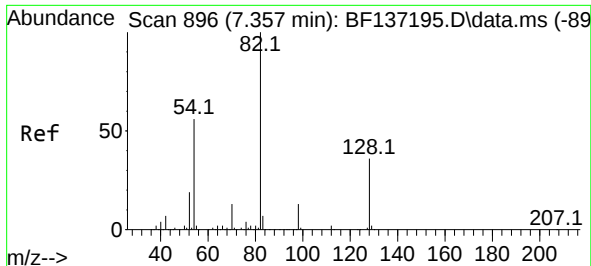
105 100

71 7.9 5.7 8.5

51 38.4 32.2 48.4

120 19.8 15.9 23.9

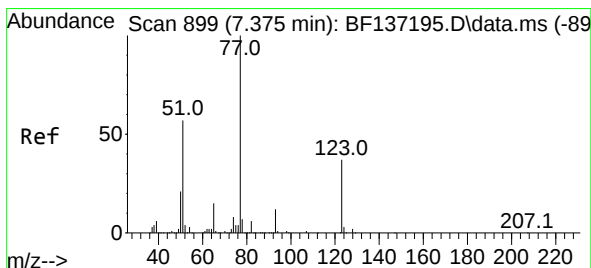
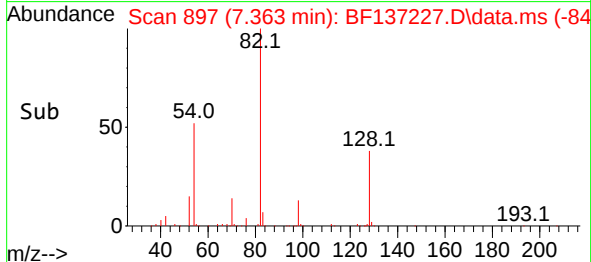
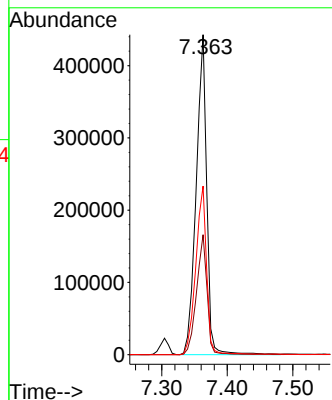
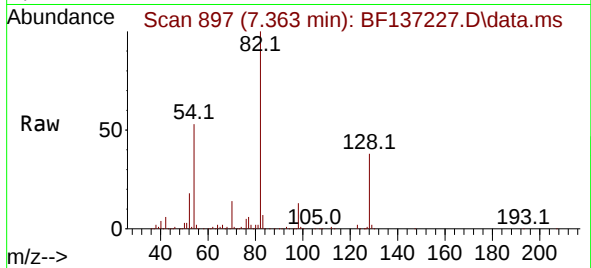




#23
Nitrobenzene-d5
Concen: 85.969 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

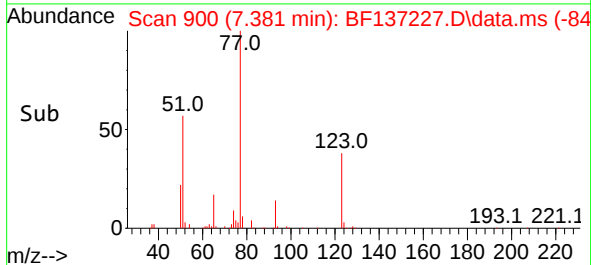
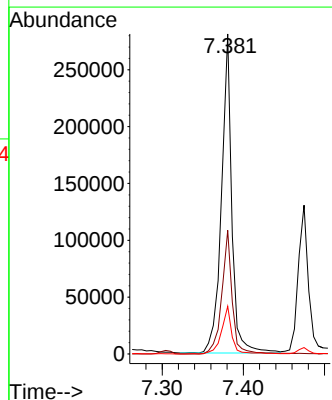
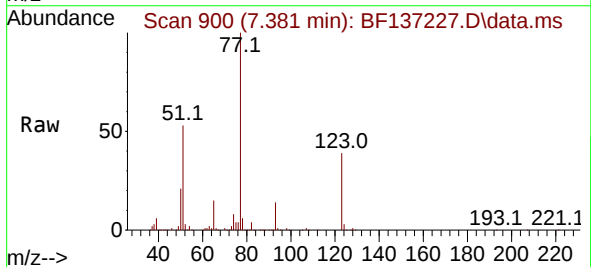
Instrument :
BNA_F
ClientSampleId :
PB158741BS

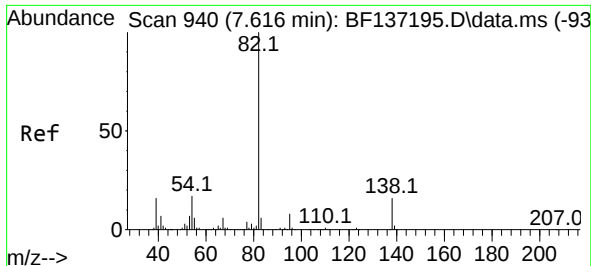
Tgt Ion: 82 Resp: 497971
Ion Ratio Lower Upper
82 100
128 37.5 29.1 43.7
54 52.7 45.0 67.6



#24
Nitrobenzene
Concen: 44.800 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion: 77 Resp: 251871
Ion Ratio Lower Upper
77 100
123 38.6 29.3 43.9
65 14.9 12.0 18.0

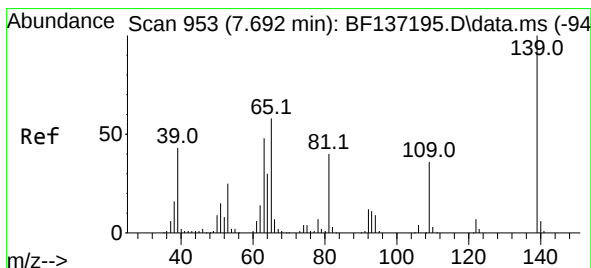
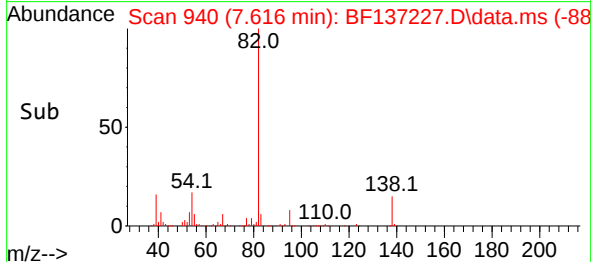
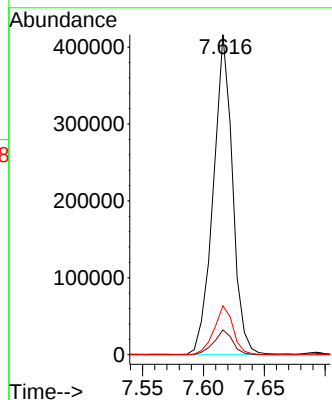
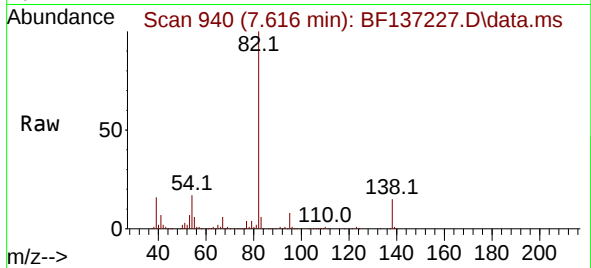




#25
Isophorone
Concen: 42.580 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

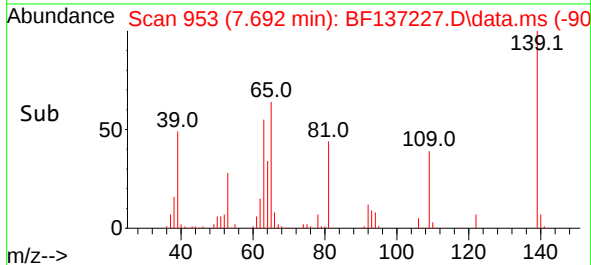
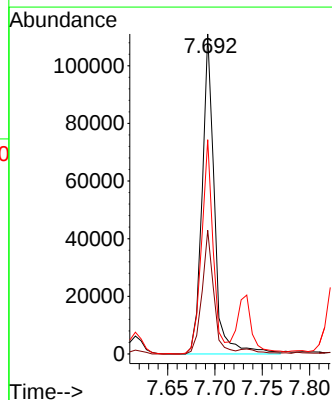
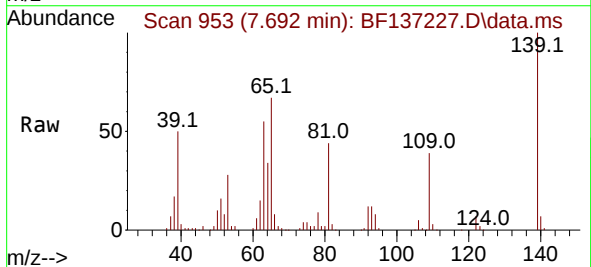
Instrument :
BNA_F
ClientSampleId :
PB158741BS

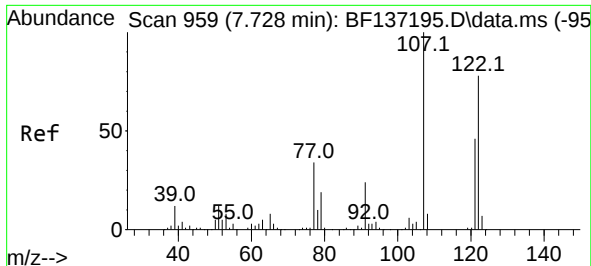
Tgt Ion: 82 Resp: 455254
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 15.3 12.7 19.1



#26
2-Nitrophenol
Concen: 46.530 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion: 139 Resp: 101104
Ion Ratio Lower Upper
139 100
109 38.7 28.5 42.7
65 67.0 46.7 70.1

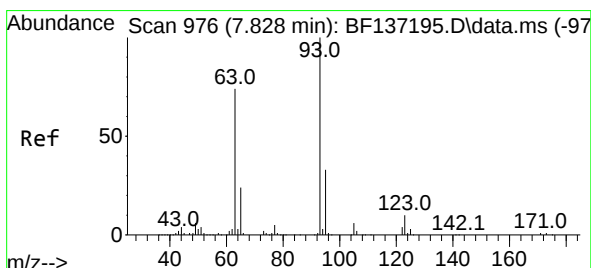
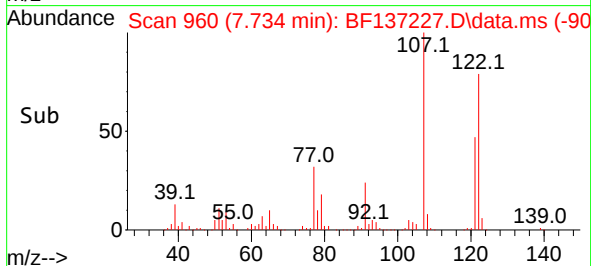
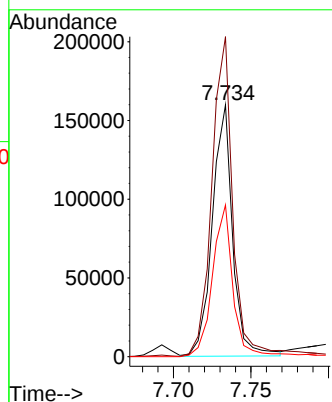
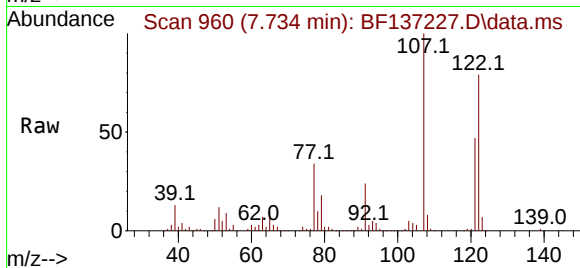




#27
2,4-Dimethylphenol
Concen: 47.713 ng
RT: 7.734 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

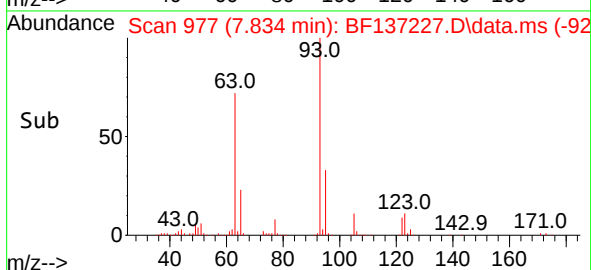
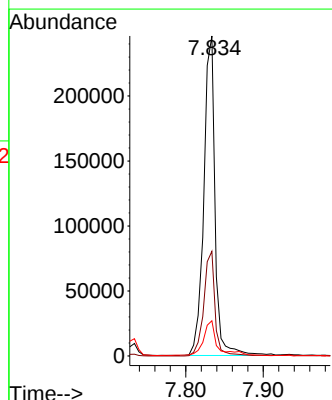
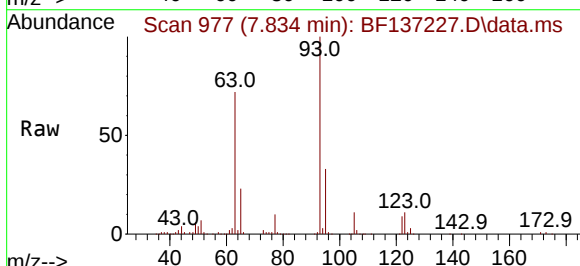
Instrument :
BNA_F
ClientSampleId :
PB158741BS

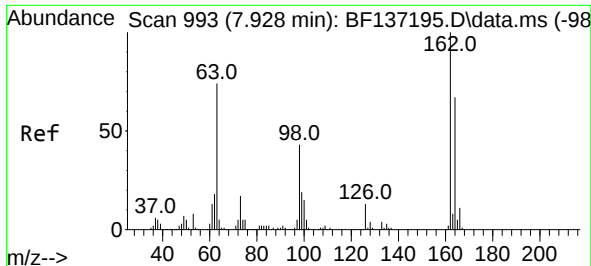
Tgt Ion:122 Resp: 145810
Ion Ratio Lower Upper
122 100
107 127.1 101.8 152.6
121 60.2 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.829 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion: 93 Resp: 248849
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.0 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 46.461 ng

RT: 7.934 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB158741BS

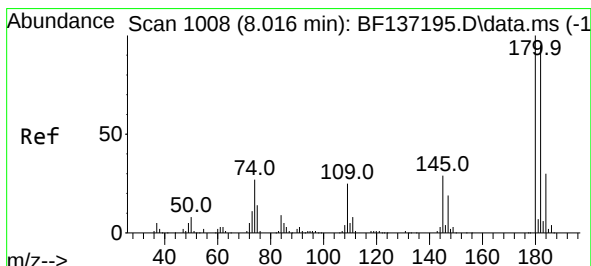
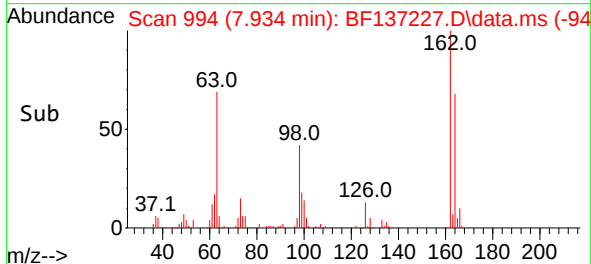
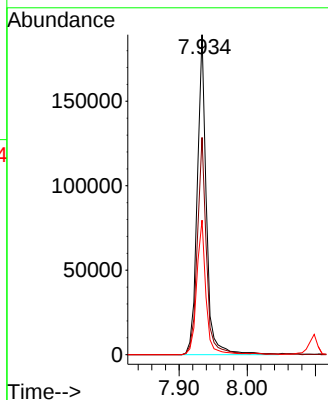
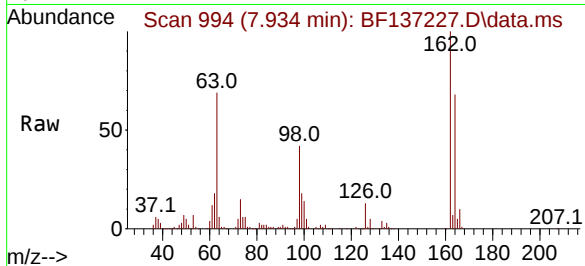
Tgt Ion:162 Resp: 176140

Ion Ratio Lower Upper

162 100

164 67.9 46.7 86.7

98 42.0 22.9 62.9



#30

1,2,4-Trichlorobenzene

Concen: 42.946 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

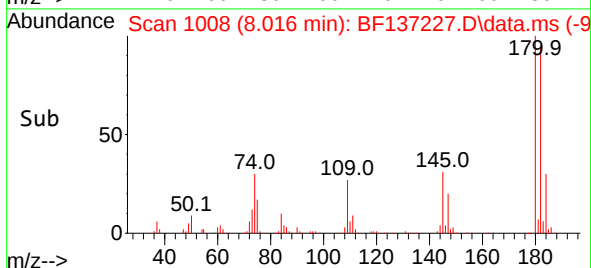
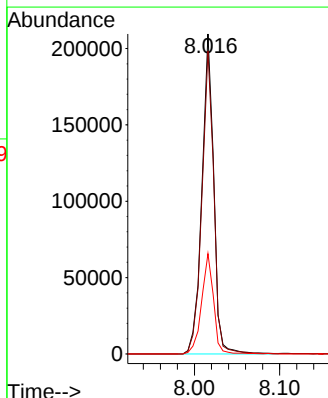
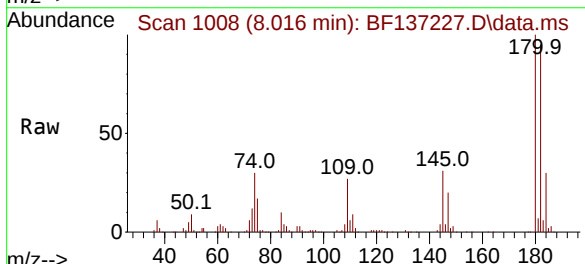
Tgt Ion:180 Resp: 202240

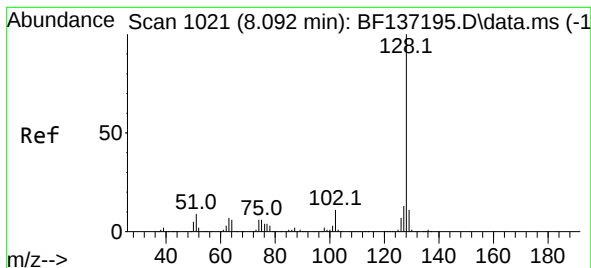
Ion Ratio Lower Upper

180 100

182 94.7 75.9 113.9

145 31.4 23.2 34.8





#31

Naphthalene

Concen: 43.235 ng

RT: 8.098 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB158741BS

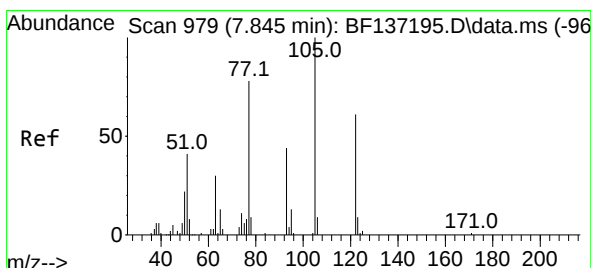
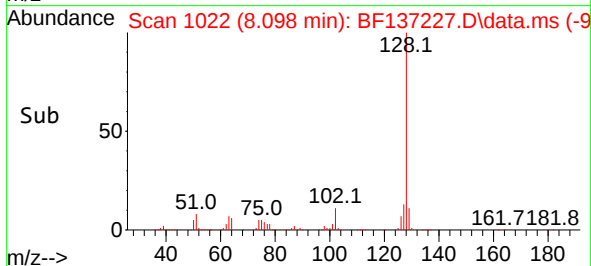
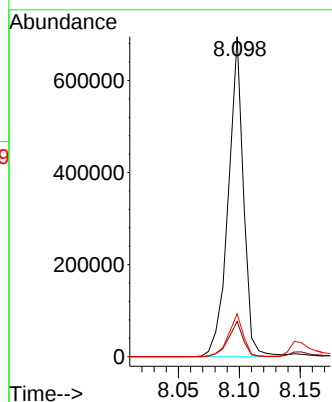
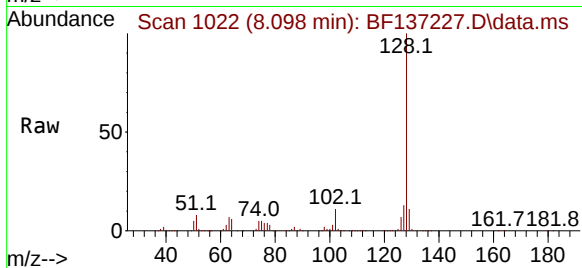
Tgt Ion:128 Resp: 606160

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 13.3 10.5 15.7



#32

Benzoic acid

Concen: 52.865 ng

RT: 7.869 min Scan# 983

Delta R.T. 0.024 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

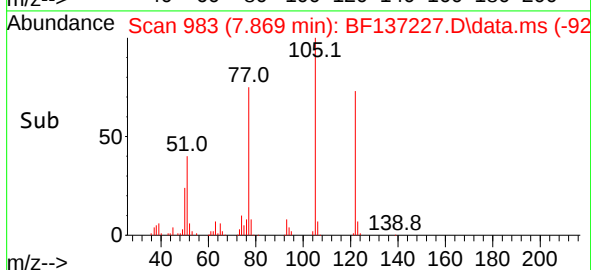
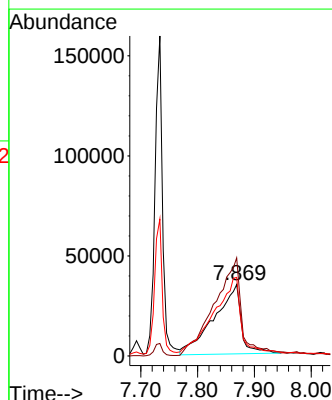
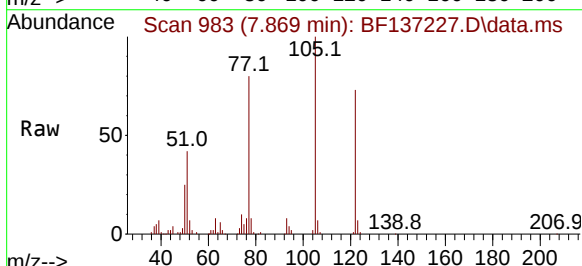
Tgt Ion:122 Resp: 116317

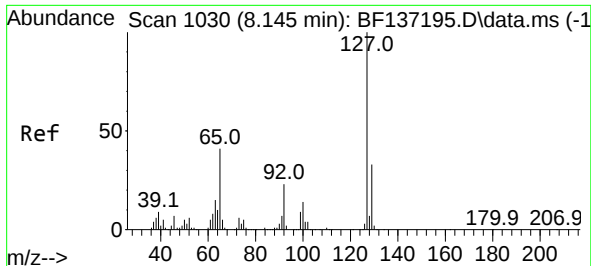
Ion Ratio Lower Upper

122 100

105 137.5 122.5 162.5

77 110.2 96.4 136.4

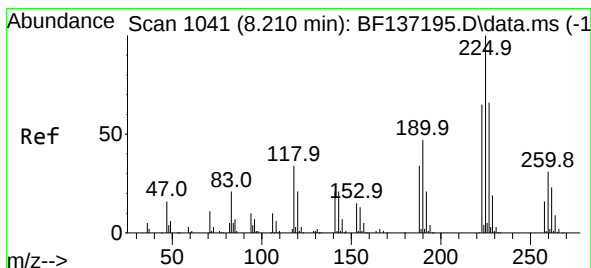
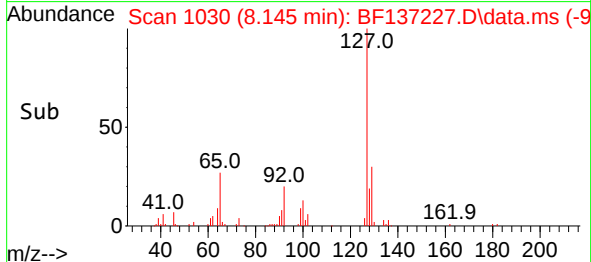
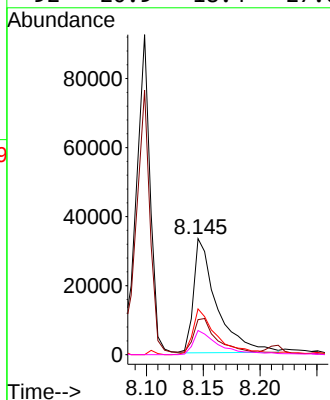
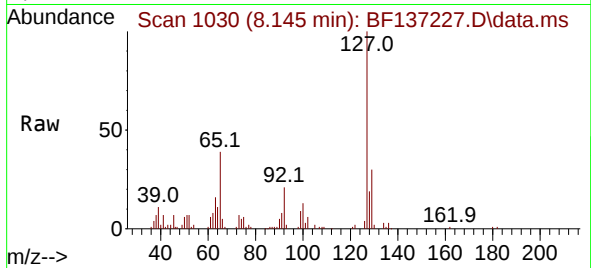




#33
4-Chloroaniline
Concen: 9.730 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

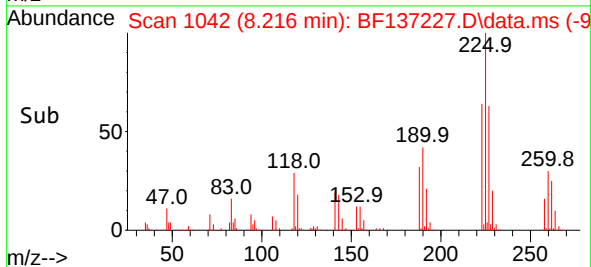
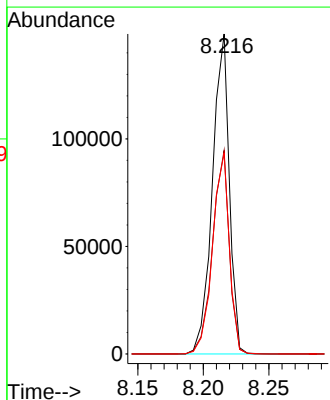
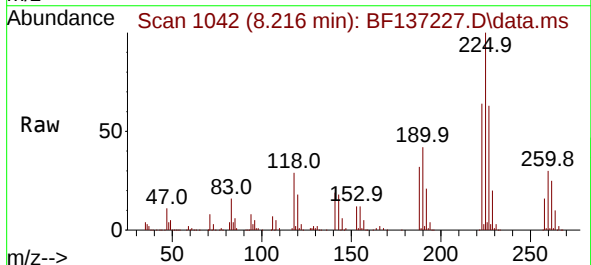
Instrument :
BNA_F
ClientSampleId :
PB158741BS

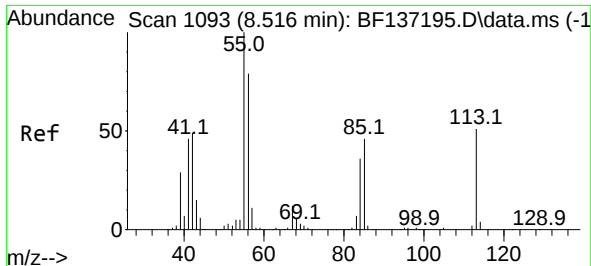
Tgt Ion:	127	Resp:	46924
Ion Ratio	Lower	Upper	
127	100		
129	30.3	26.8	40.2
65	39.5	32.9	49.3
92	20.9	18.4	27.6



#34
Hexachlorobutadiene
Concen: 42.554 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion:	225	Resp:	133243
Ion Ratio	Lower	Upper	
225	100		
223	63.6	52.0	78.0
227	62.7	52.9	79.3

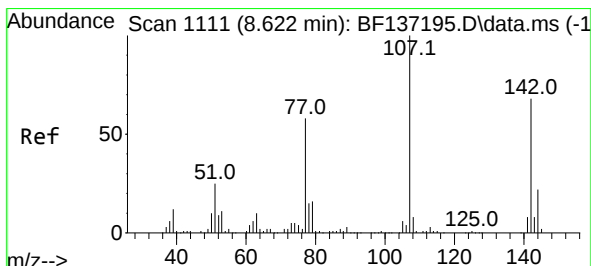
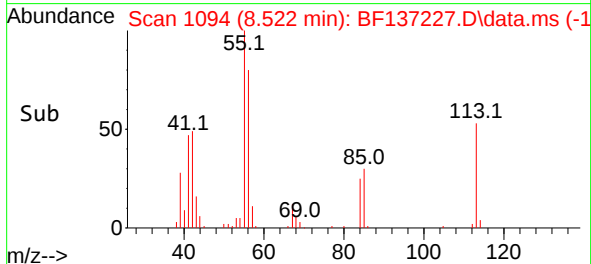
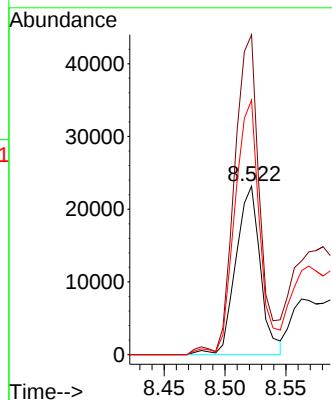
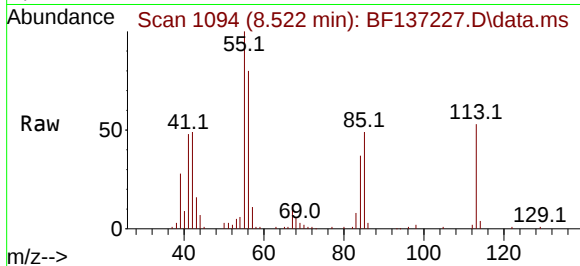




#35
 Caprolactam
 Concen: 27.633 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.006 min
 Lab File: BF137227.D
 Acq: 01 Feb 2024 12:48

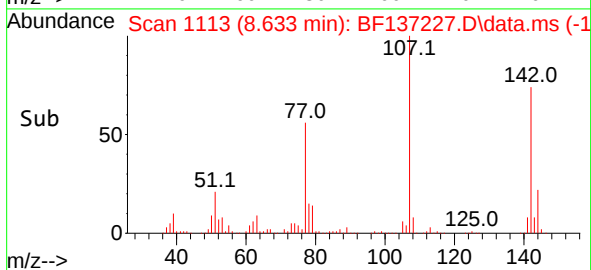
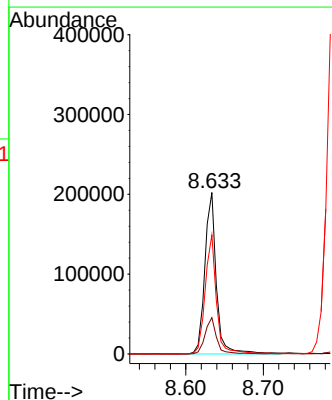
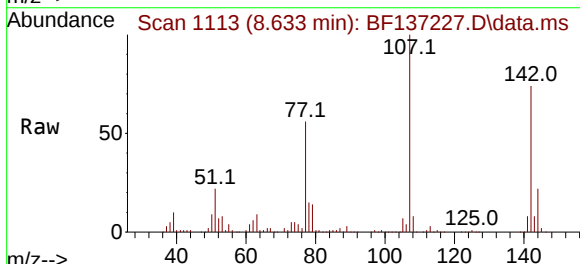
Instrument :
 BNA_F
 ClientSampleId :
 PB158741BS

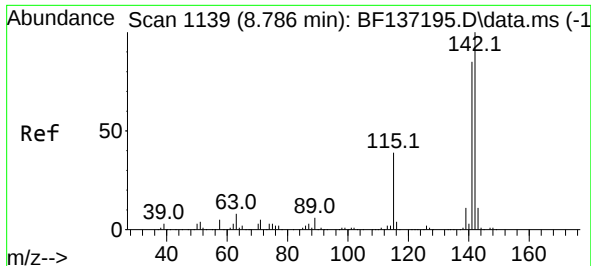
Tgt Ion:113 Resp: 32574
 Ion Ratio Lower Upper
 113 100
 55 189.9 176.0 216.0
 56 151.2 134.0 174.0



#36
 4-Chloro-3-methylphenol
 Concen: 46.640 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. 0.012 min
 Lab File: BF137227.D
 Acq: 01 Feb 2024 12:48

Tgt Ion:107 Resp: 208841
 Ion Ratio Lower Upper
 107 100
 144 22.5 17.2 25.8
 142 73.7 54.6 82.0





#37

2-Methylnaphthalene

Concen: 43.334 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

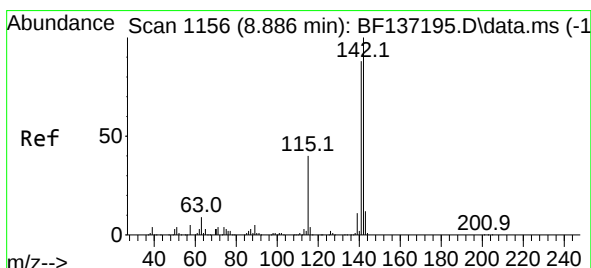
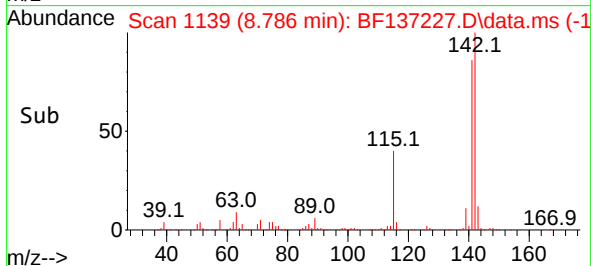
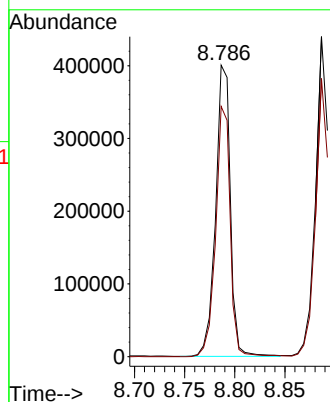
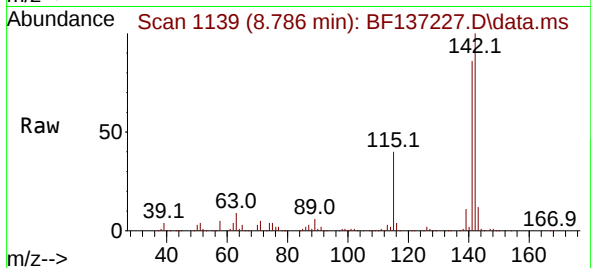
PB158741BS

Tgt Ion:142 Resp: 407308

Ion Ratio Lower Upper

142 100

141 85.8 67.8 101.8



#38

1-Methylnaphthalene

Concen: 44.221 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF137227.D

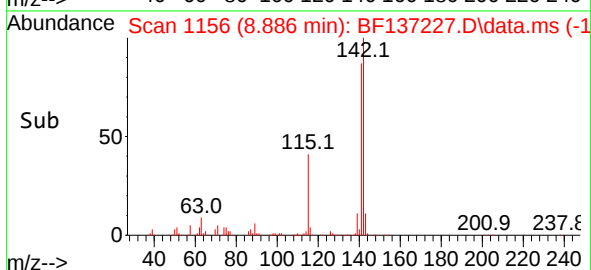
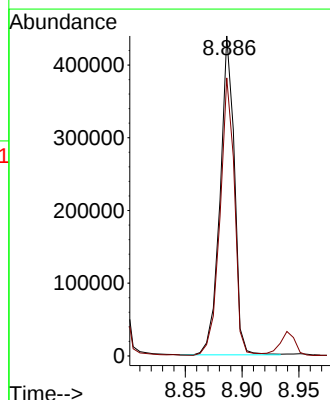
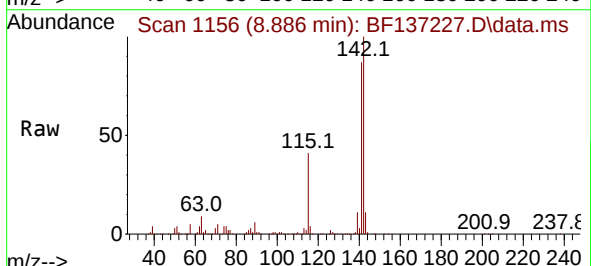
Acq: 01 Feb 2024 12:48

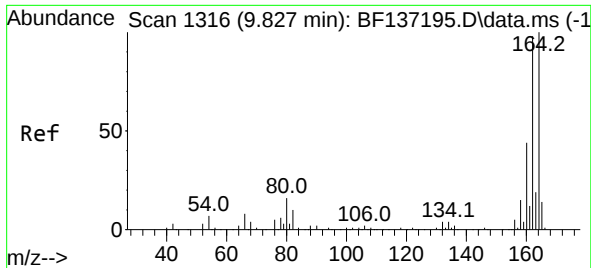
Tgt Ion:142 Resp: 386060

Ion Ratio Lower Upper

142 100

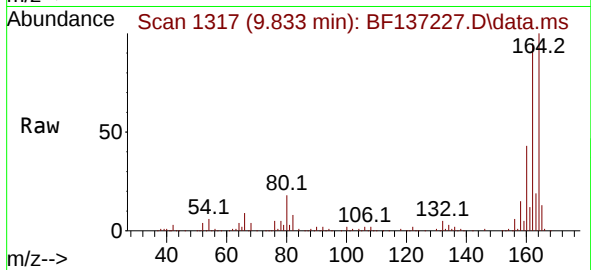
141 86.9 70.6 105.8



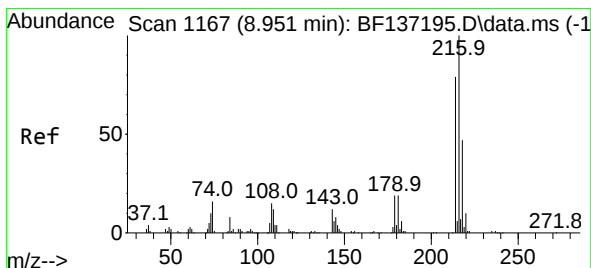
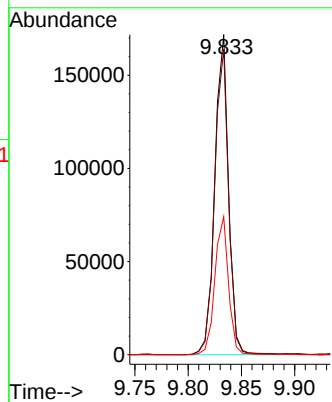
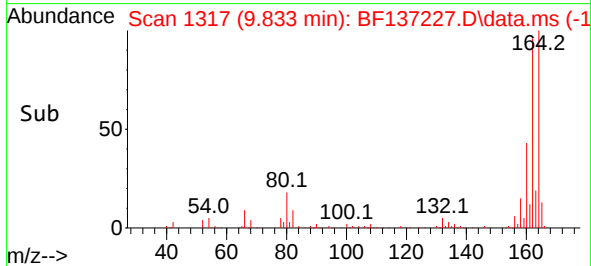


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

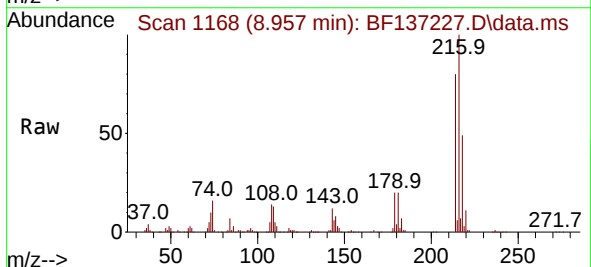
Instrument :
BNA_F
ClientSampleId :
PB158741BS



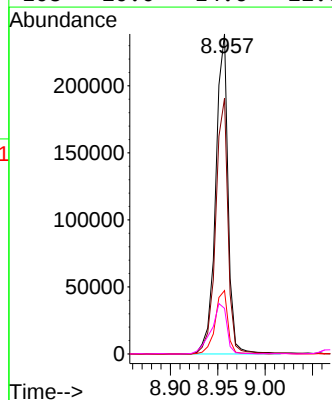
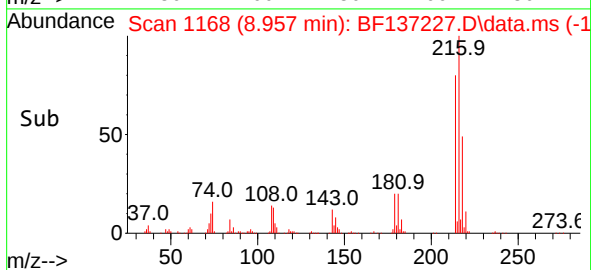
Tgt Ion:164 Resp: 154009
Ion Ratio Lower Upper
164 100
162 95.5 78.3 117.5
160 43.1 35.4 53.2

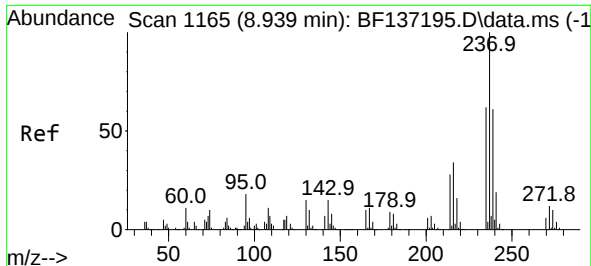


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.010 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48



Tgt Ion:216 Resp: 216491
Ion Ratio Lower Upper
216 100
214 80.6 63.9 95.9
179 20.4 16.2 24.2
108 20.0 14.6 22.0

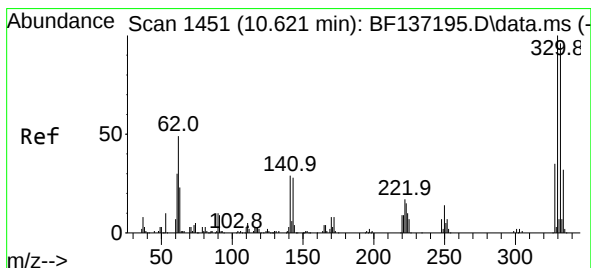
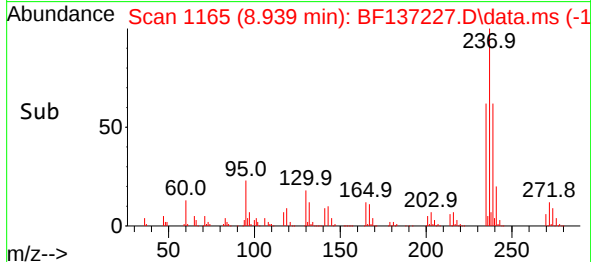
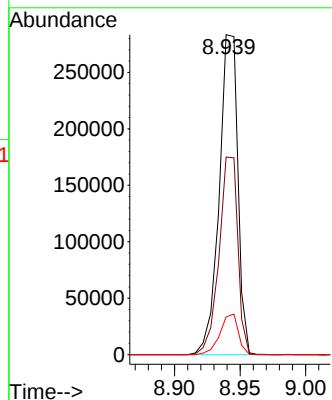
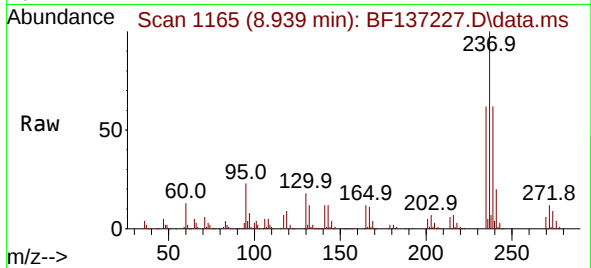




#41
Hexachlorocyclopentadiene
Concen: 114.329 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

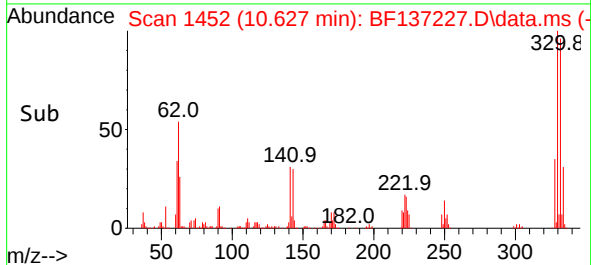
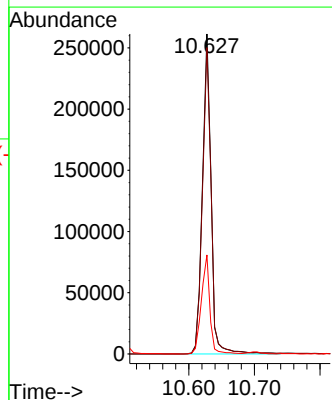
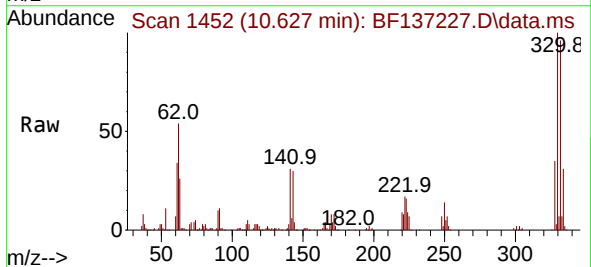
Instrument :
BNA_F
ClientSampleId :
PB158741BS

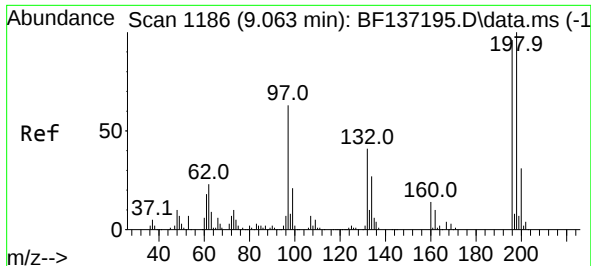
Tgt Ion:237 Resp: 280614
Ion Ratio Lower Upper
237 100
235 61.7 41.6 81.6
272 11.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 138.652 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion:330 Resp: 241158
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 30.3 25.2 37.8

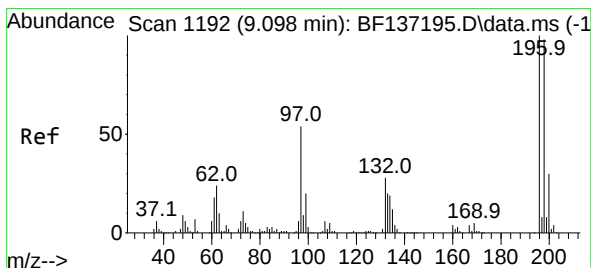
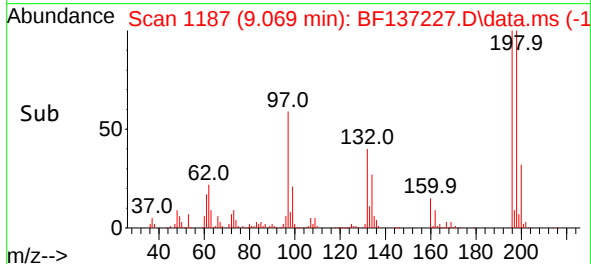
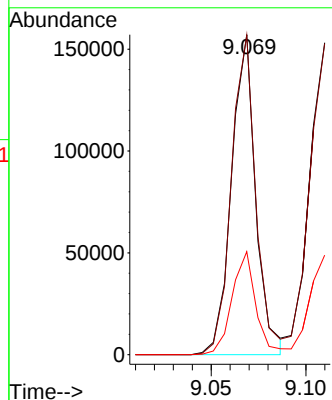
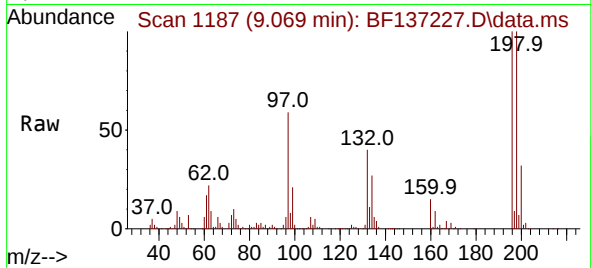




#43
2,4,6-Trichlorophenol
Concen: 47.621 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

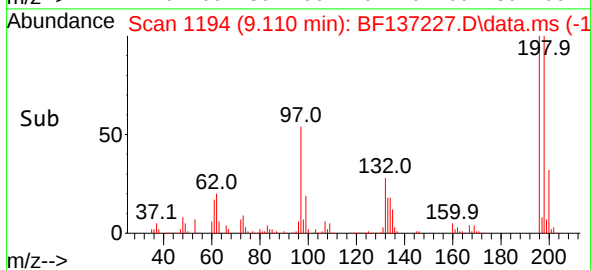
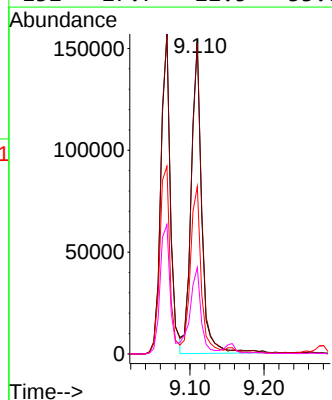
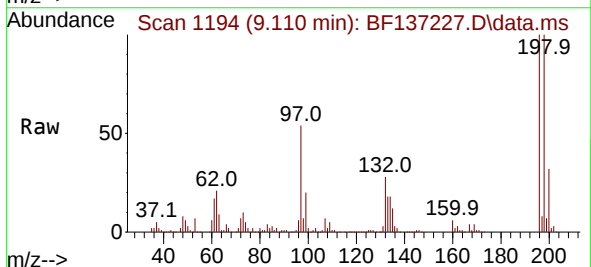
Instrument :
BNA_F
ClientSampleId :
PB158741BS

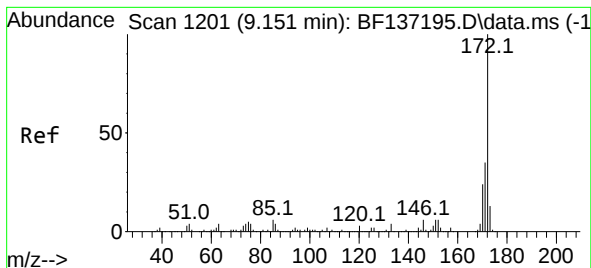
Tgt Ion:196 Resp: 139192
Ion Ratio Lower Upper
196 100
198 99.8 83.0 124.6
200 32.2 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 47.208 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.012 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion:196 Resp: 150828
Ion Ratio Lower Upper
196 100
198 99.7 78.2 117.4
97 53.6 44.2 66.2
132 27.7 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 80.987 ng

RT: 9.157 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB158741BS

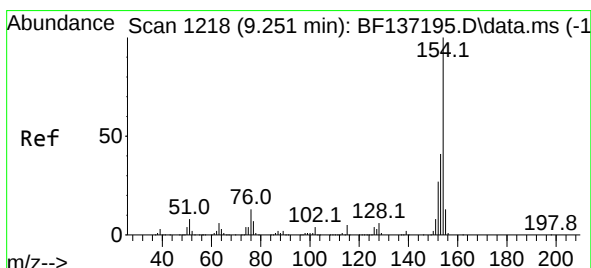
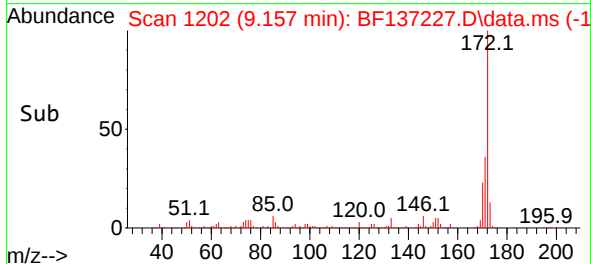
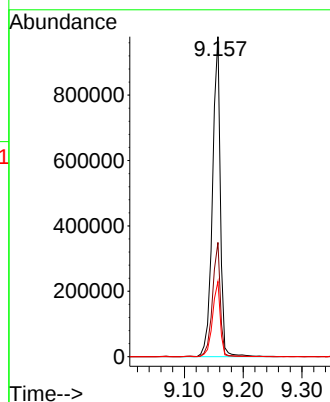
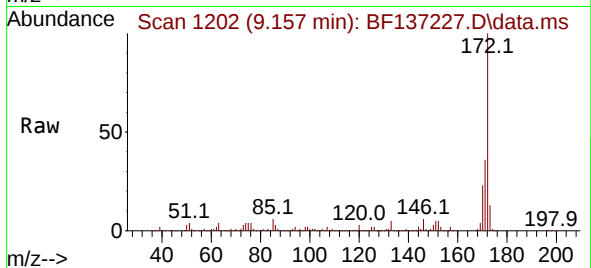
Tgt Ion:172 Resp: 907329

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 43.630 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

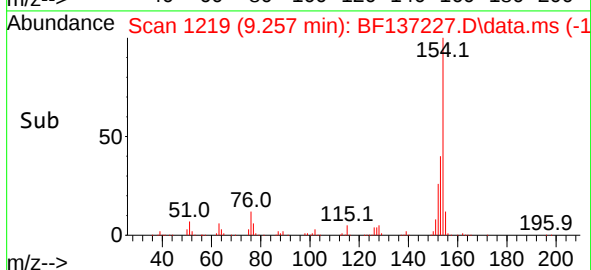
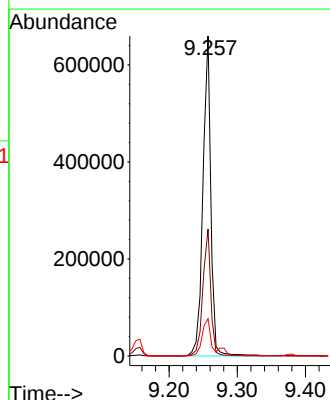
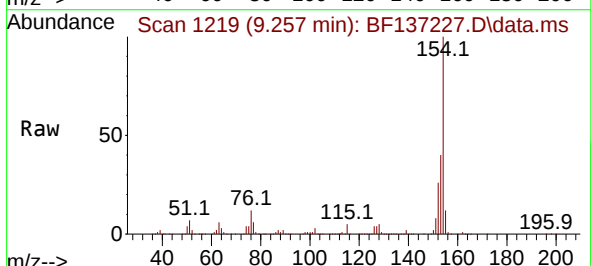
Tgt Ion:154 Resp: 534614

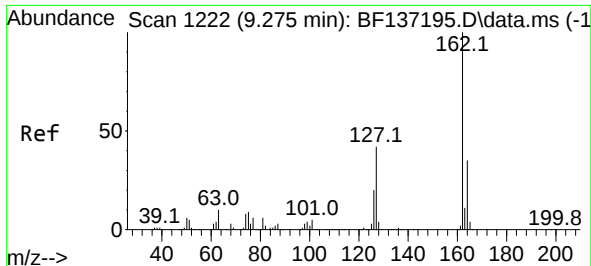
Ion Ratio Lower Upper

154 100

153 39.6 21.2 61.2

76 11.6 0.0 33.0

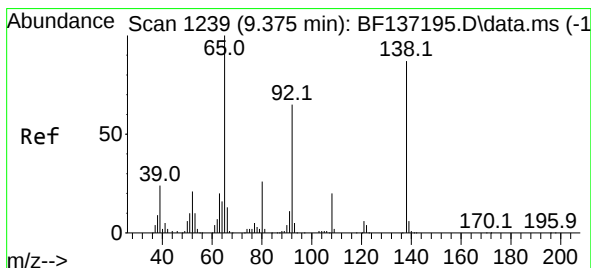
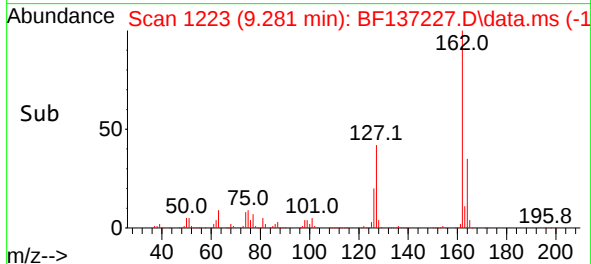
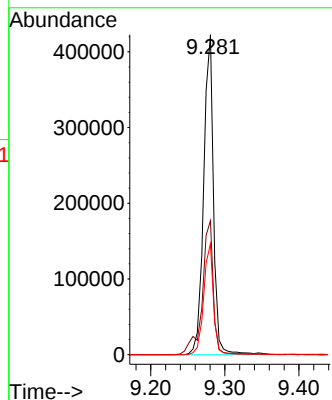
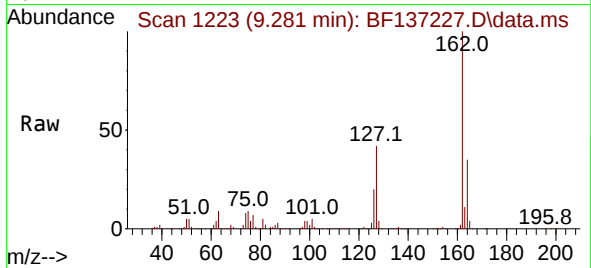




#47
2-Chloronaphthalene
Concen: 43.421 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

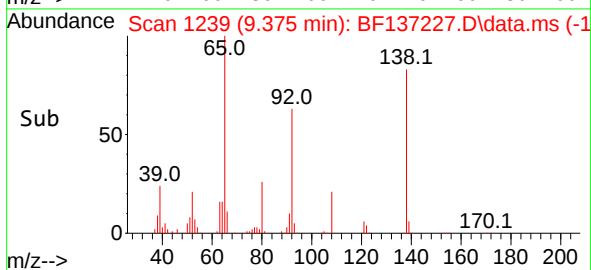
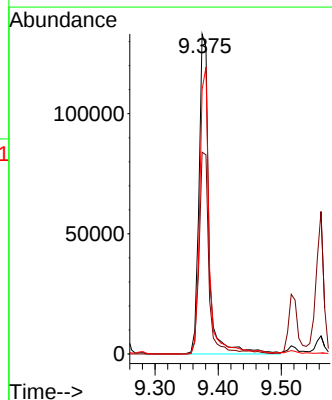
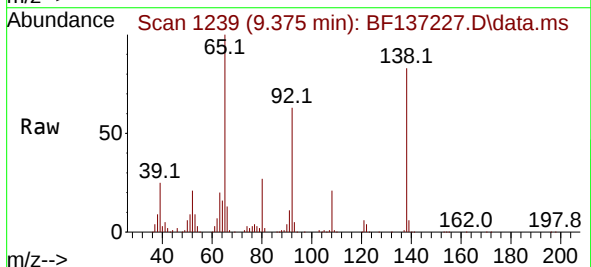
Instrument :
BNA_F
ClientSampleId :
PB158741BS

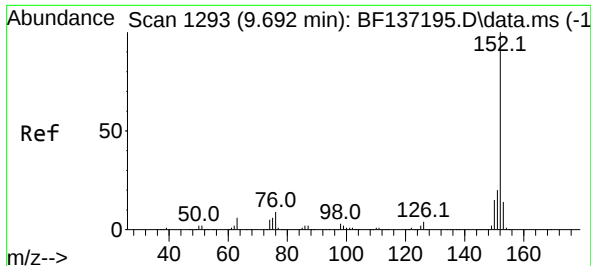
Tgt Ion:162 Resp: 393757
Ion Ratio Lower Upper
162 100
127 41.9 34.1 51.1
164 34.7 27.9 41.9



#48
2-Nitroaniline
Concen: 49.453 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

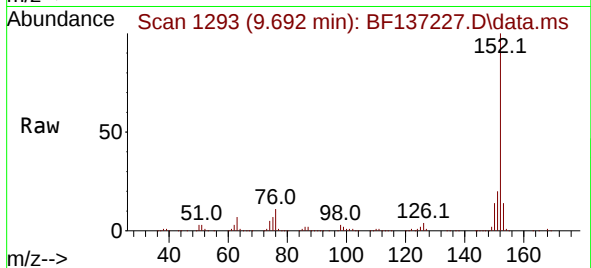
Tgt Ion: 65 Resp: 145146
Ion Ratio Lower Upper
65 100
92 63.1 51.7 77.5
138 82.6 69.7 104.5



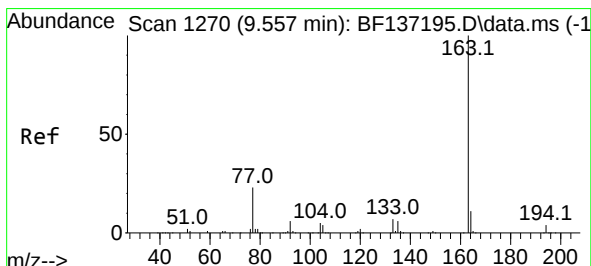
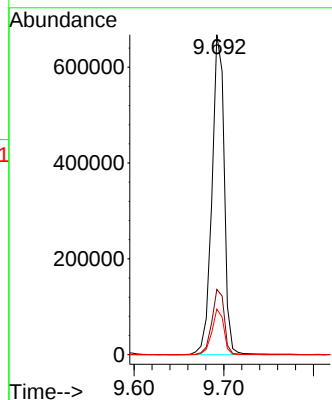
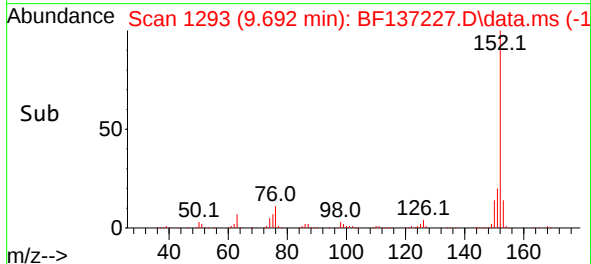


#49
Acenaphthylene
Concen: 43.780 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

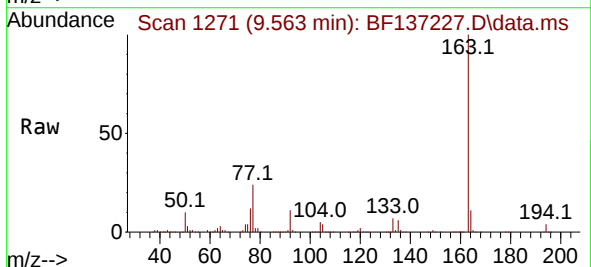
Instrument :
BNA_F
ClientSampleId :
PB158741BS



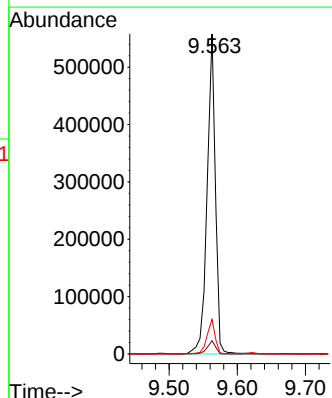
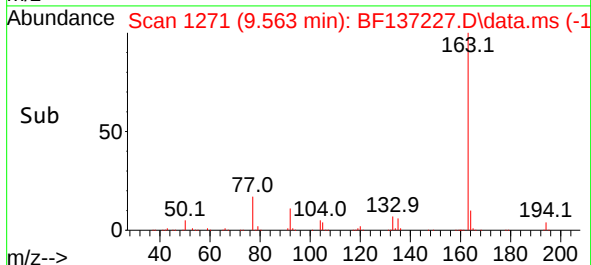
Tgt Ion:152 Resp: 635565
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.3 11.2 16.8

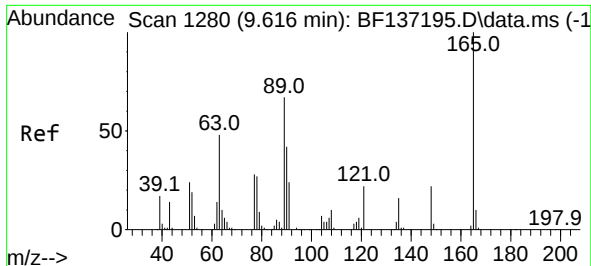


#50
Dimethylphthalate
Concen: 45.431 ng
RT: 9.563 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48



Tgt Ion:163 Resp: 472683
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.8 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 48.636 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB158741BS

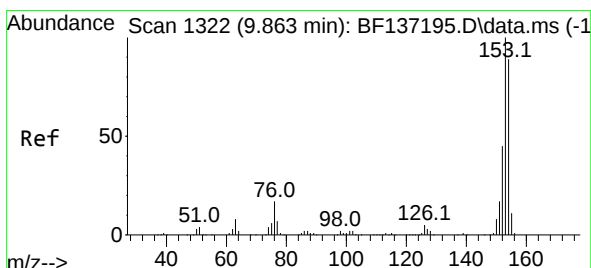
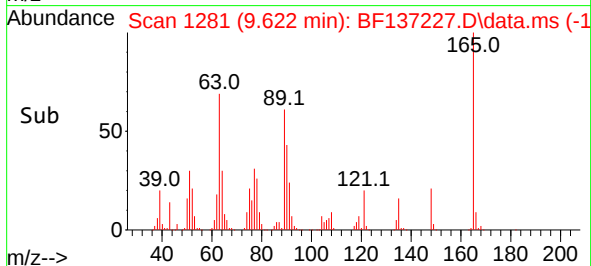
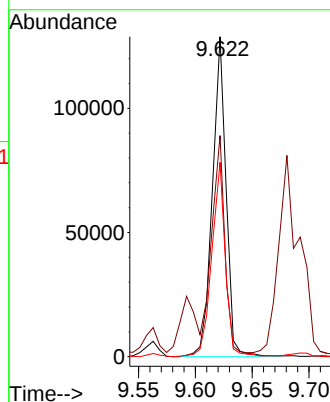
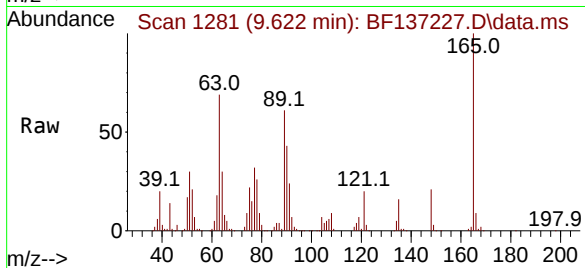
Tgt Ion:165 Resp: 107907

Ion Ratio Lower Upper

165 100

63 69.1 55.1 82.7

89 60.7 53.5 80.3



#52

Acenaphthene

Concen: 44.284 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

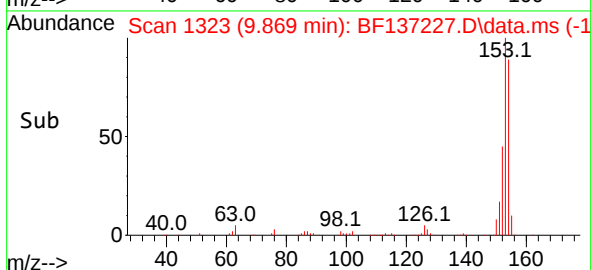
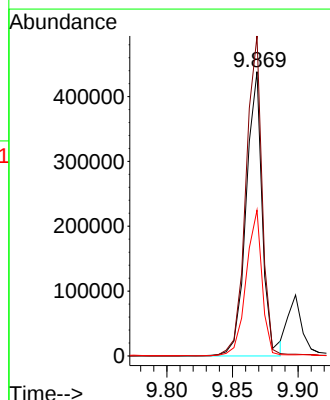
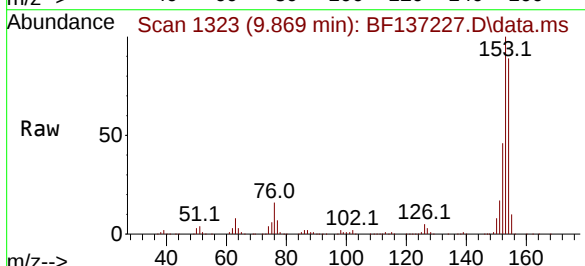
Tgt Ion:154 Resp: 377843

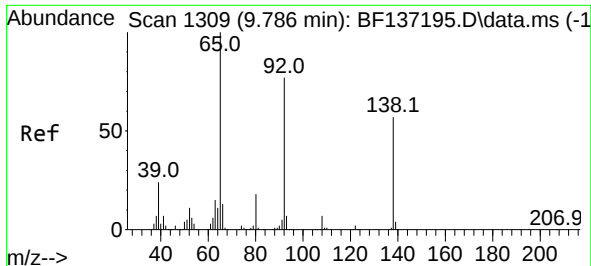
Ion Ratio Lower Upper

154 100

153 112.5 90.2 135.4

152 51.2 40.6 60.8

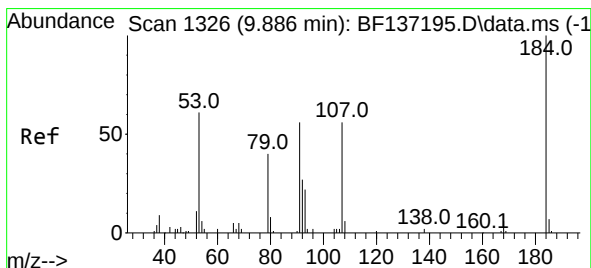
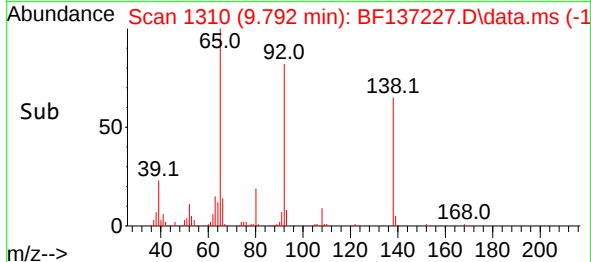
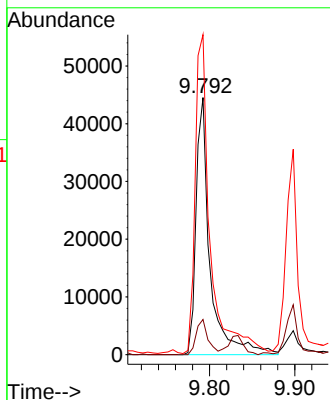
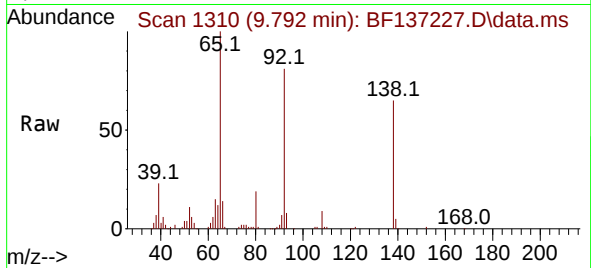




#53
3-Nitroaniline
Concen: 25.370 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

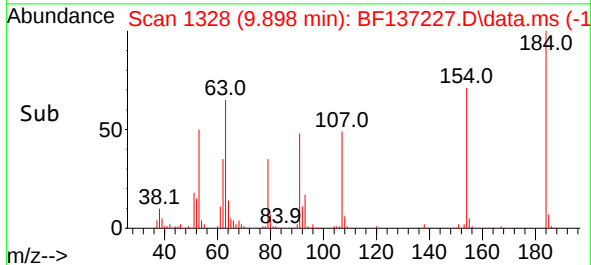
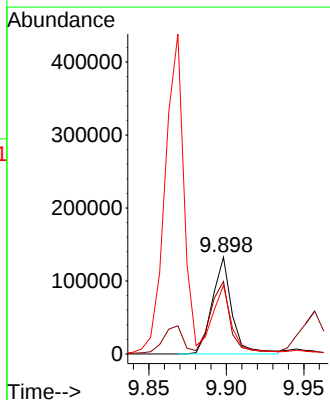
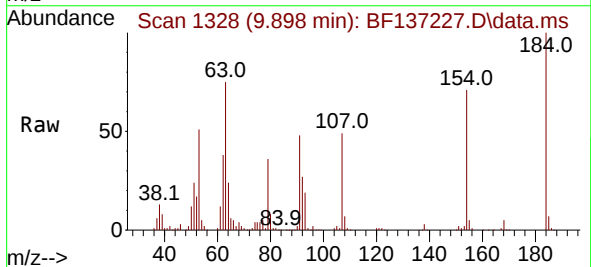
Instrument :
BNA_F
ClientSampleId :
PB158741BS

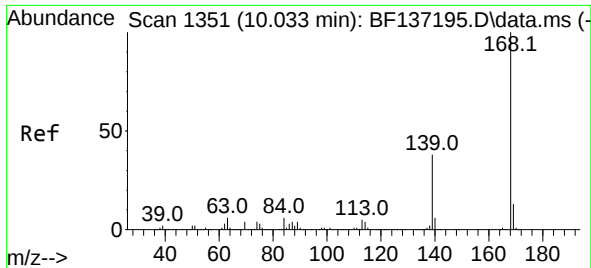
Tgt Ion:138 Resp: 50654
Ion Ratio Lower Upper
138 100
108 13.7 10.4 15.6
92 124.4 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 112.986 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion:184 Resp: 117092
Ion Ratio Lower Upper
184 100
63 74.9 71.2 106.8
154 71.0 64.9 97.3

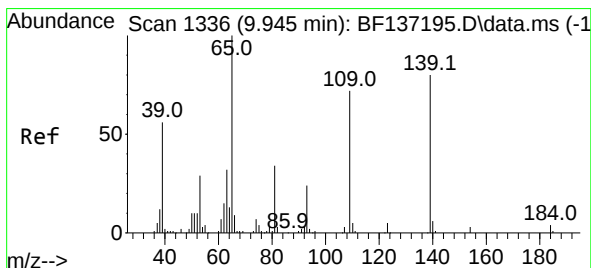
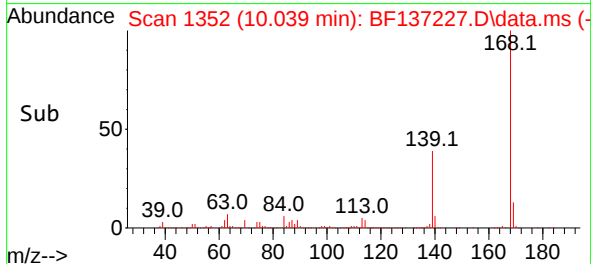
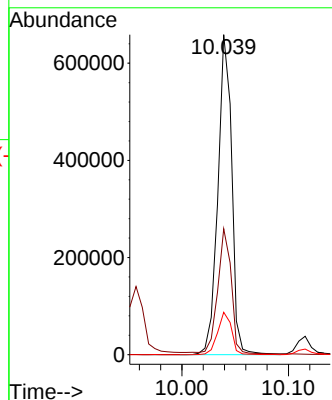
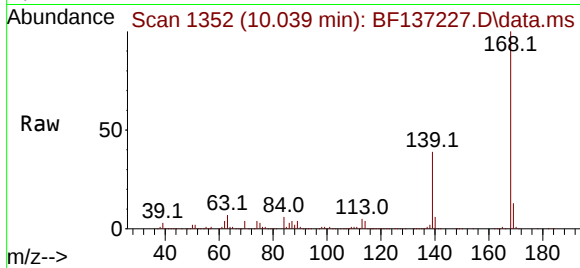




#55
Dibenzenofuran
Concen: 43.658 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

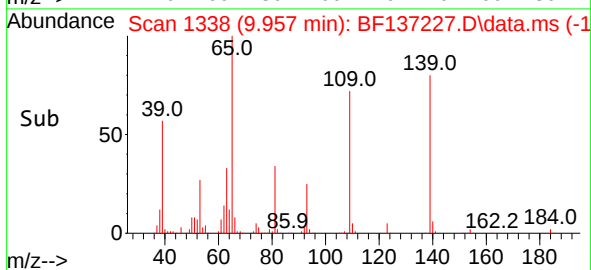
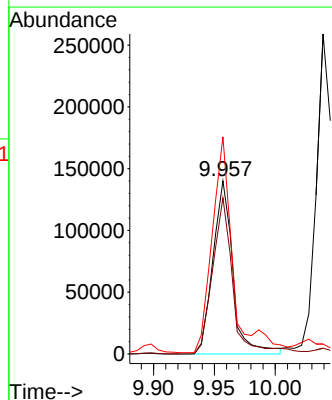
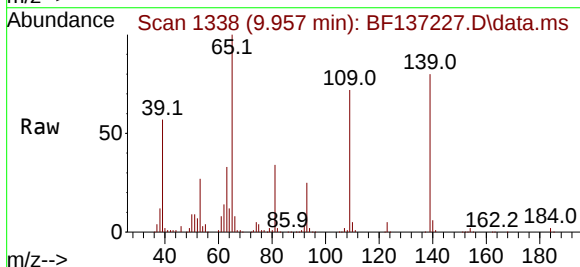
Instrument :
BNA_F
ClientSampleId :
PB158741BS

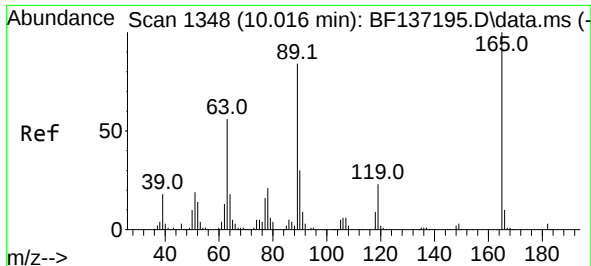
Tgt Ion:168 Resp: 592638
Ion Ratio Lower Upper
168 100
139 39.3 31.1 46.7
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 121.903 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

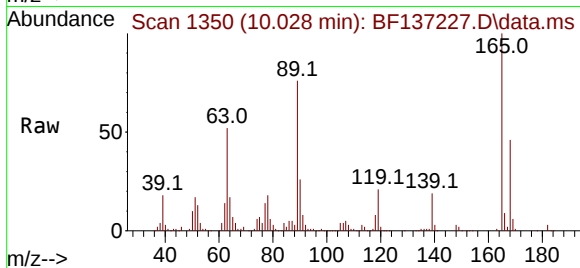
Tgt Ion:139 Resp: 158974
Ion Ratio Lower Upper
139 100
109 90.2 70.4 110.4
65 125.4 107.6 147.6



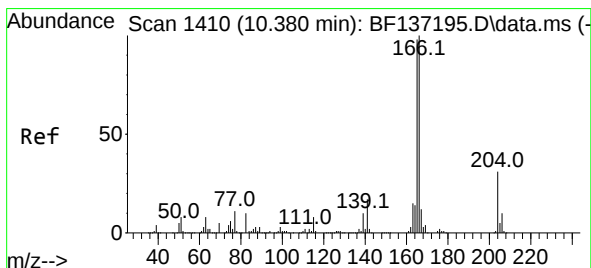
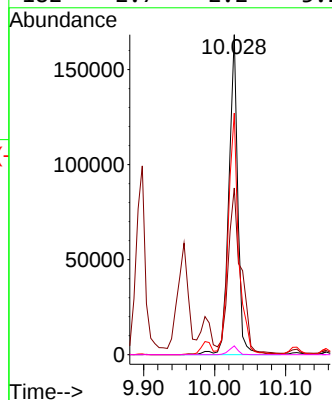
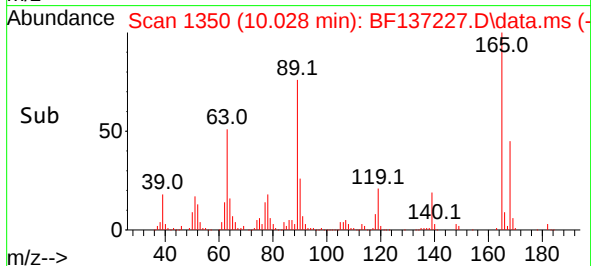


#57
2,4-Dinitrotoluene
Concen: 51.451 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

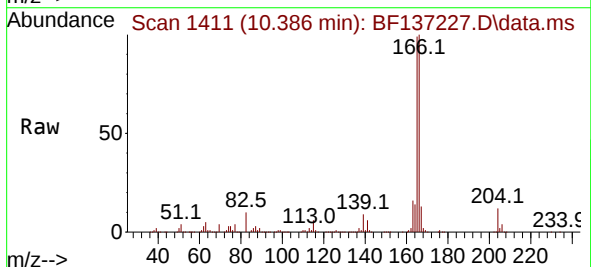
Instrument :
BNA_F
ClientSampleId :
PB158741BS



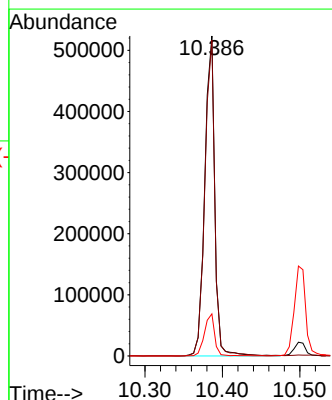
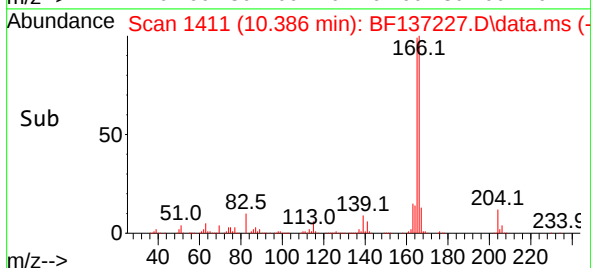
Tgt Ion:165 Resp: 148114
Ion Ratio Lower Upper
165 100
63 52.1 46.1 69.1
89 75.5 67.5 101.3
182 2.7 2.2 3.2

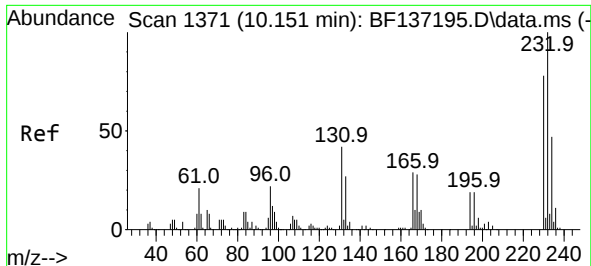


#58
Fluorene
Concen: 44.023 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48



Tgt Ion:166 Resp: 468483
Ion Ratio Lower Upper
166 100
165 98.7 78.5 117.7
167 13.2 10.0 15.0

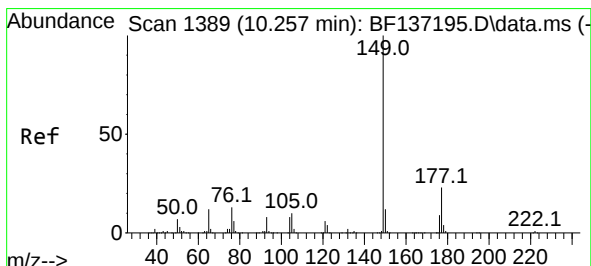
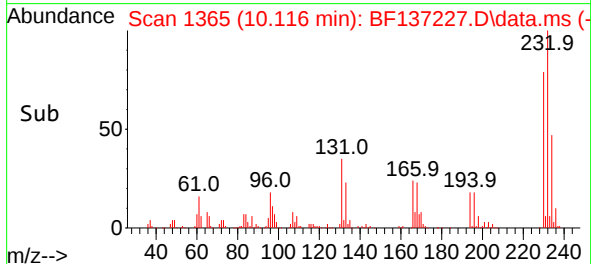
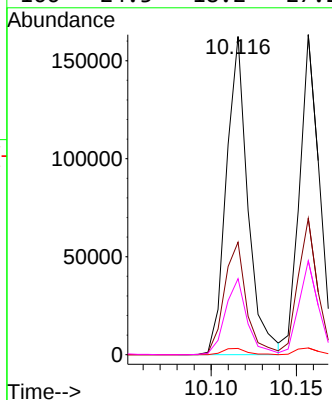
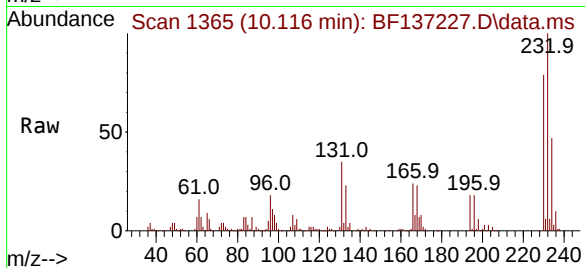




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.094 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.035 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

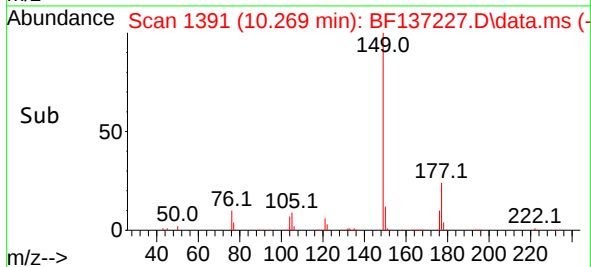
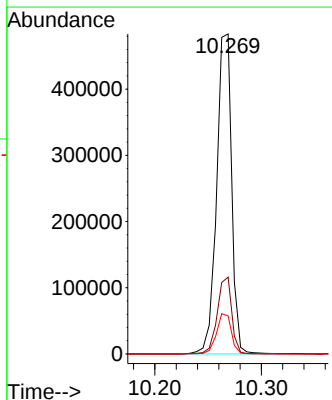
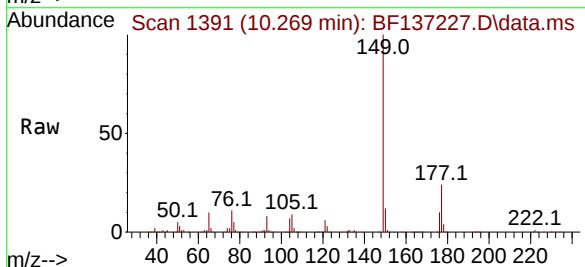
Instrument :
BNA_F
ClientSampleId :
PB158741BS

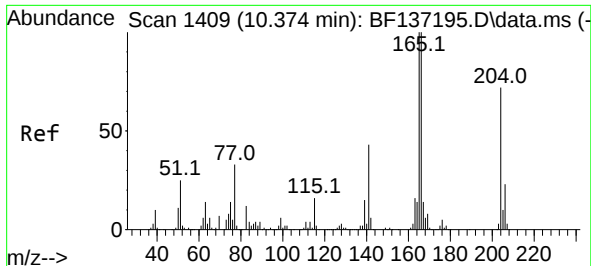
Tgt Ion:232 Resp: 142971
Ion Ratio Lower Upper
232 100
131 36.5 27.4 41.2
130 2.2 1.7 2.5
166 24.3 18.2 27.2



#60
Diethylphthalate
Concen: 46.207 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.012 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion:149 Resp: 473370
Ion Ratio Lower Upper
149 100
177 24.0 18.0 27.0
150 11.9 9.6 14.4

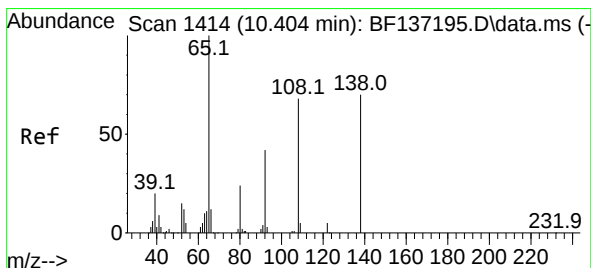
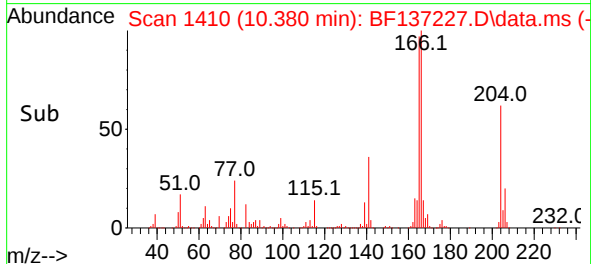
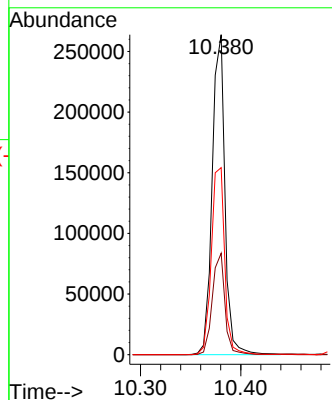
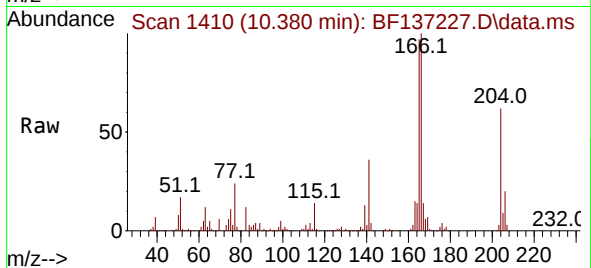




#61
4-Chlorophenyl-phenylether
Concen: 44.066 ng
RT: 10.380 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

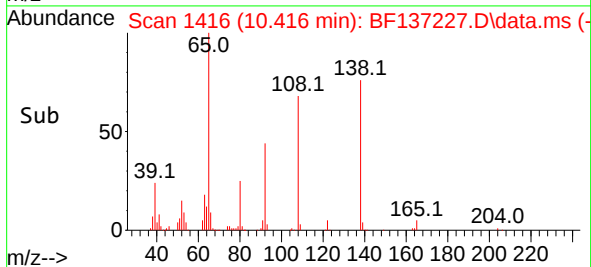
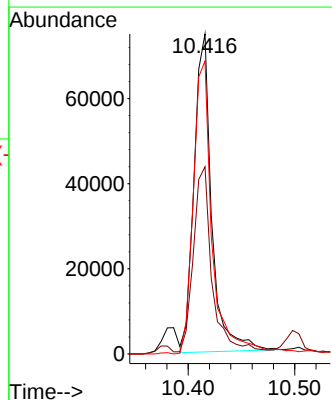
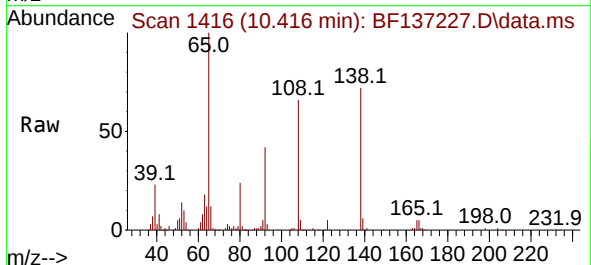
Instrument :
BNA_F
ClientSampleId :
PB158741BS

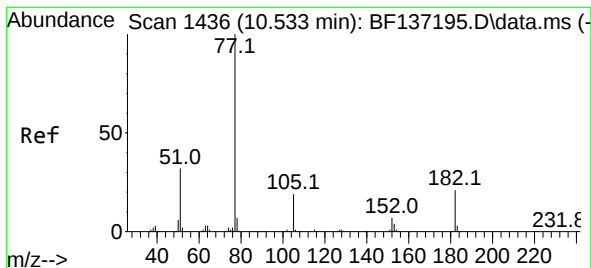
Tgt Ion:204 Resp: 233090
Ion Ratio Lower Upper
204 100
206 31.7 25.5 38.3
141 58.4 48.3 72.5



#62
4-Nitroaniline
Concen: 45.169 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion:138 Resp: 86323
Ion Ratio Lower Upper
138 100
92 58.5 39.3 79.3
108 91.5 75.3 115.3





#63

Azobenzene

Concen: 44.603 ng

RT: 10.539 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB158741BS

Tgt Ion: 77 Resp: 506059

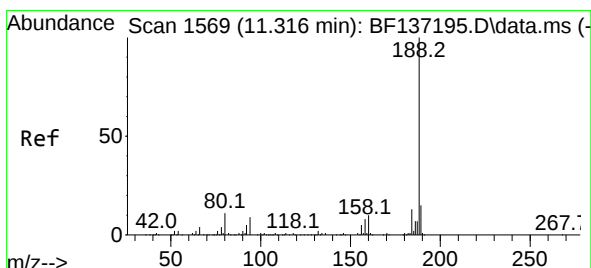
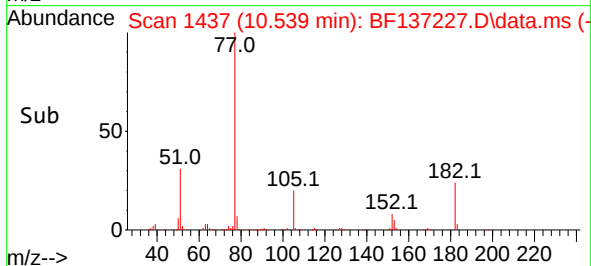
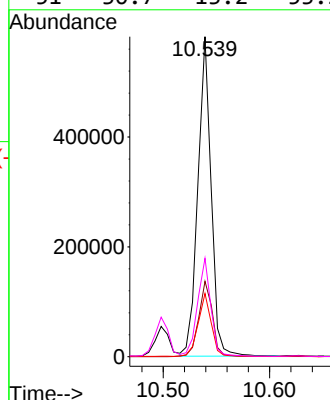
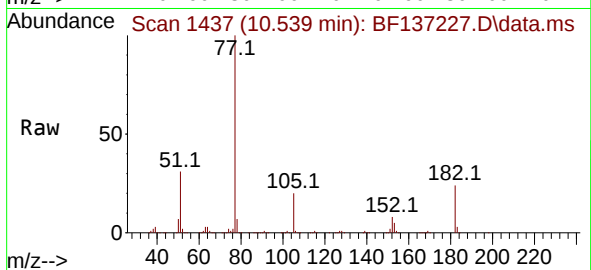
Ion Ratio Lower Upper

77 100

182 23.6 1.1 41.1

105 19.8 0.0 38.9

51 30.7 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: BF137227.D

Acq: 01 Feb 2024 12:48

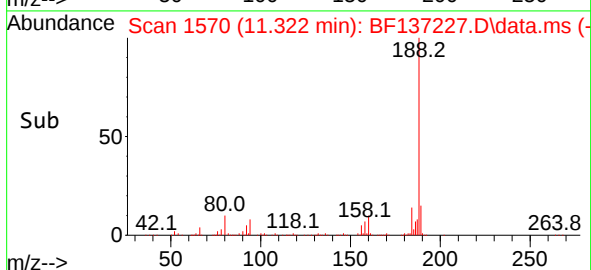
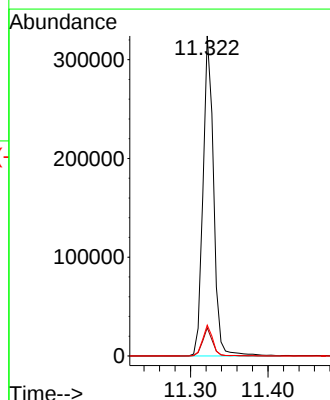
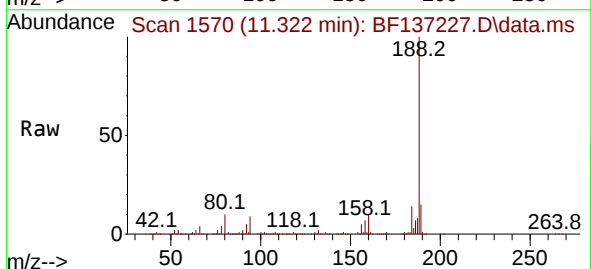
Tgt Ion: 188 Resp: 307286

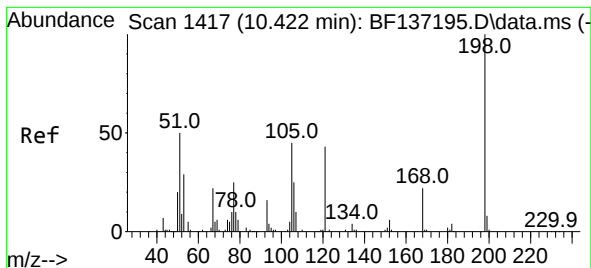
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

80 9.7 8.8 13.2

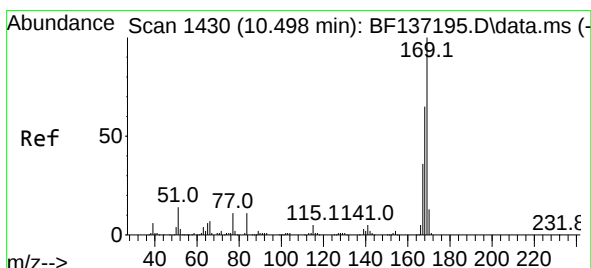
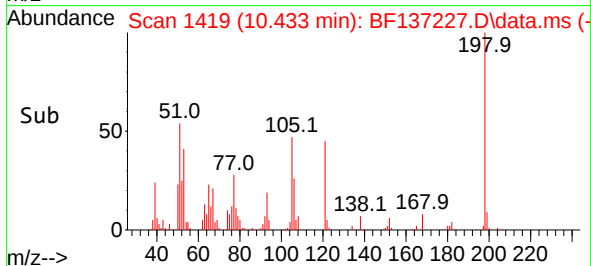
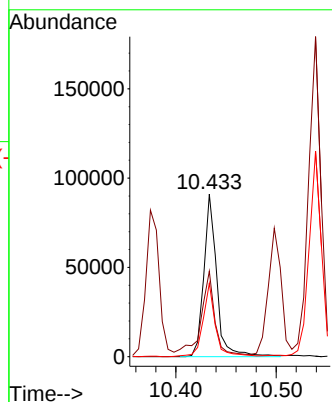
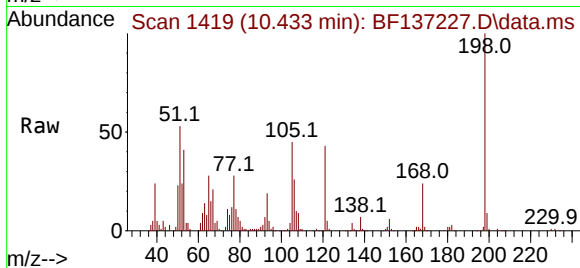




#65
4,6-Dinitro-2-methylphenol
Concen: 50.102 ng
RT: 10.433 min Scan# 1417
Delta R.T. 0.011 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

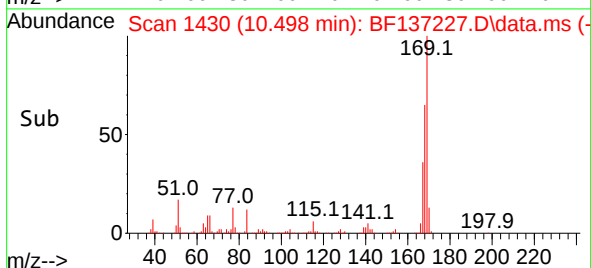
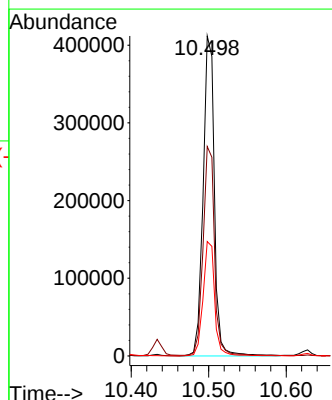
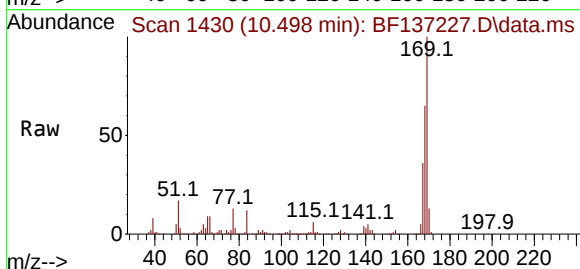
Instrument :
BNA_F
ClientSampleId :
PB158741BS

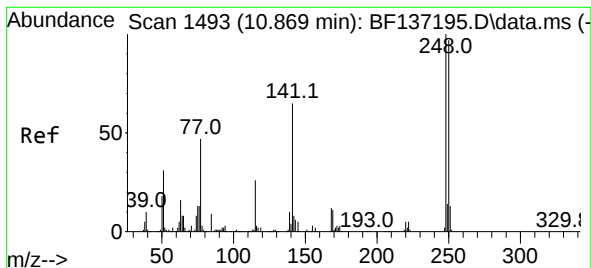
Tgt Ion:198 Resp: 81992
Ion Ratio Lower Upper
198 100
51 52.5 40.9 80.9
105 45.2 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 44.500 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion:169 Resp: 415773
Ion Ratio Lower Upper
169 100
168 65.5 51.9 77.9
167 35.7 29.0 43.6

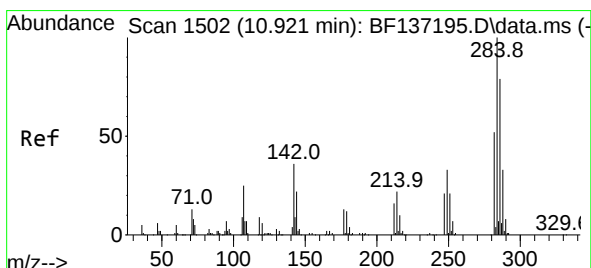
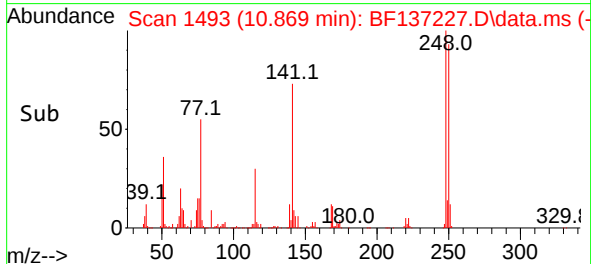
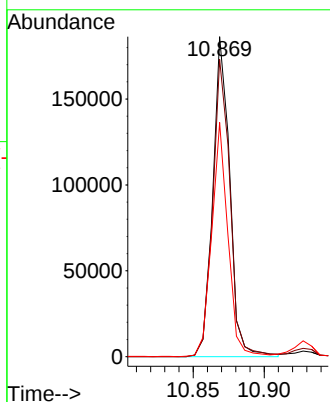
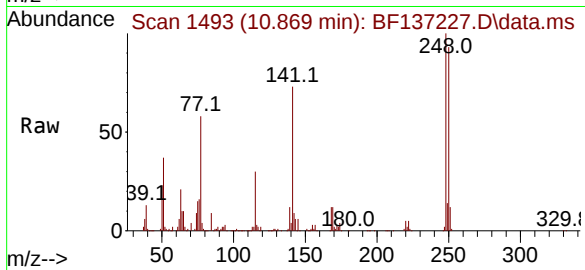




#67
4-Bromophenyl-phenylether
Concen: 45.709 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

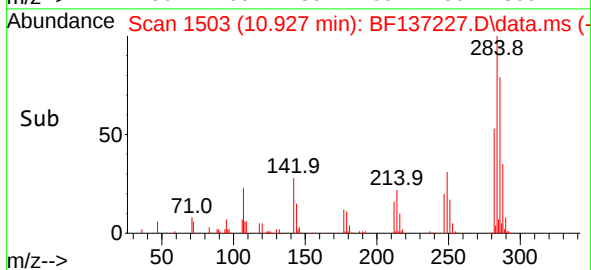
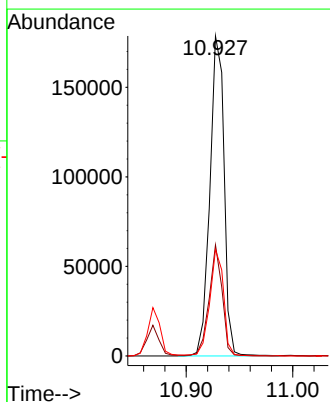
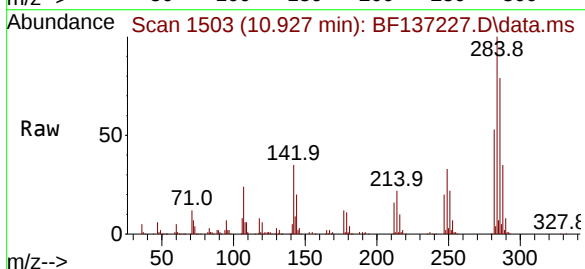
Instrument :
BNA_F
ClientSampleId :
PB158741BS

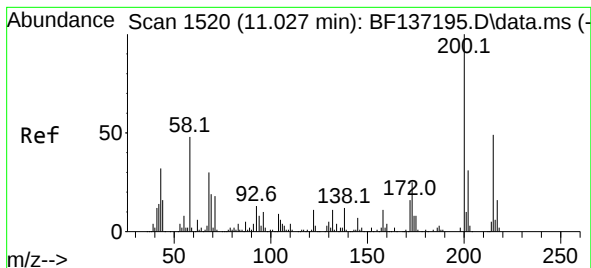
Tgt Ion:248 Resp: 154444
Ion Ratio Lower Upper
248 100
250 92.9 77.7 116.5
141 73.2 51.6 77.4



#68
Hexachlorobenzene
Concen: 44.095 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion:284 Resp: 166419
Ion Ratio Lower Upper
284 100
142 34.7 28.7 43.1
249 33.3 27.0 40.4





#69

Atrazine

Concen: 46.629 ng

RT: 11.033 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB158741BS

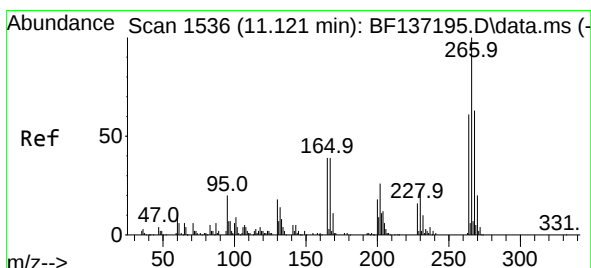
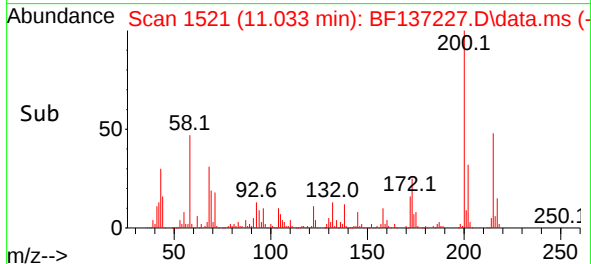
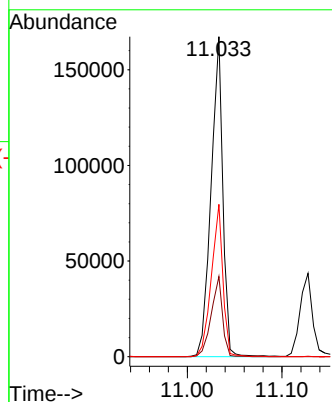
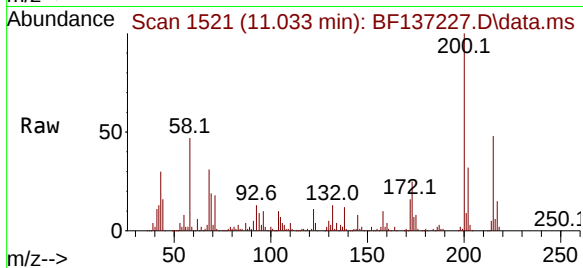
Tgt Ion:200 Resp: 143821

Ion Ratio Lower Upper

200 100

173 25.0 5.3 45.3

215 47.6 29.4 69.4



#70

Pentachlorophenol

Concen: 99.986 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

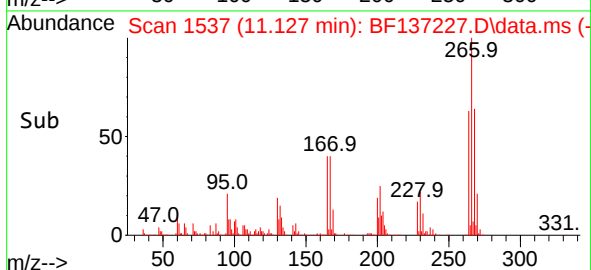
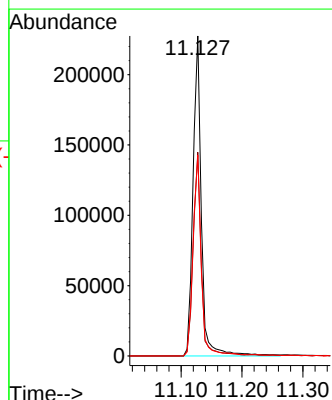
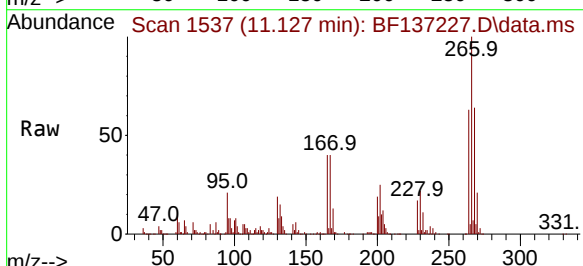
Tgt Ion:266 Resp: 216318

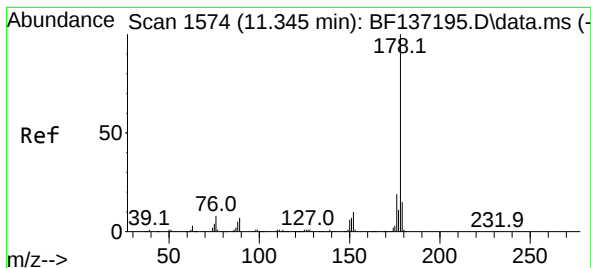
Ion Ratio Lower Upper

266 100

268 63.6 50.6 76.0

264 62.8 48.8 73.2





#71

Phenanthrene

Concen: 44.097 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB158741BS

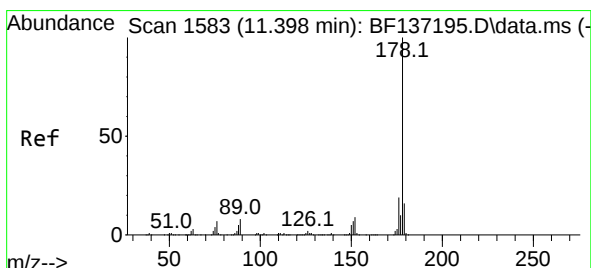
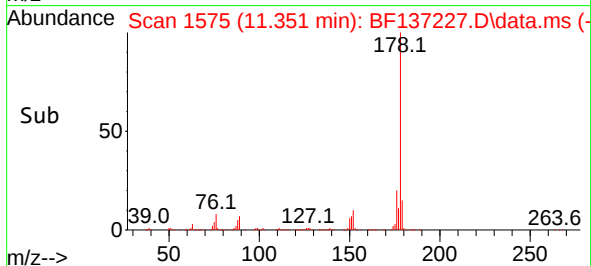
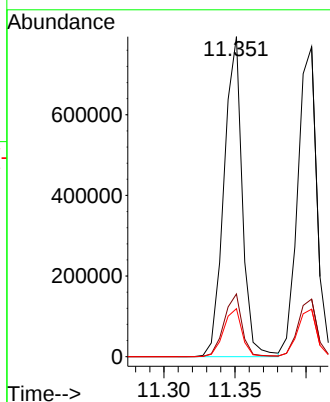
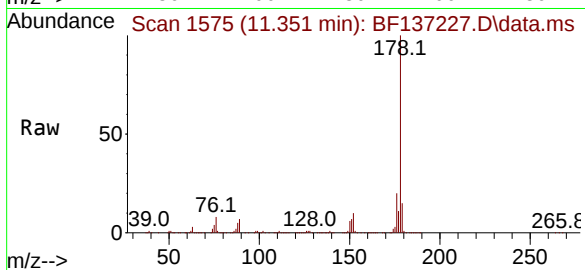
Tgt Ion:178 Resp: 709382

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

179 15.0 12.1 18.1



#72

Anthracene

Concen: 44.224 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

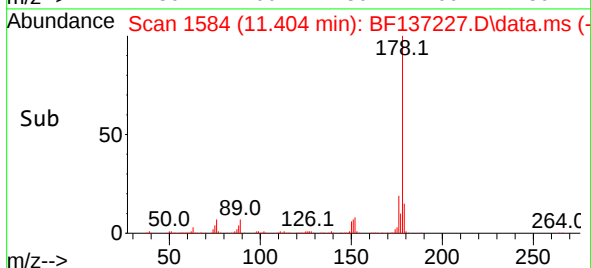
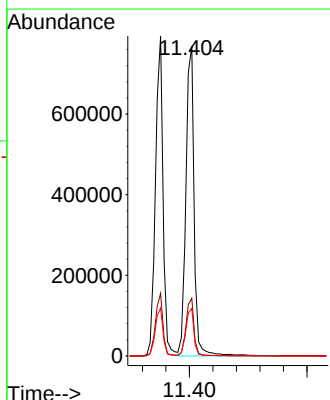
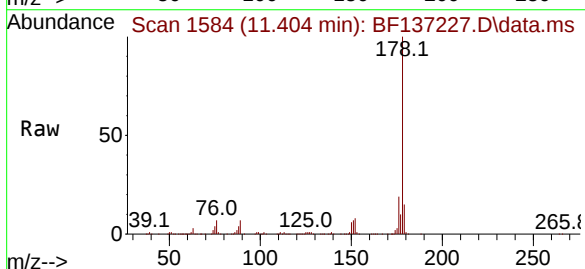
Tgt Ion:178 Resp: 741506

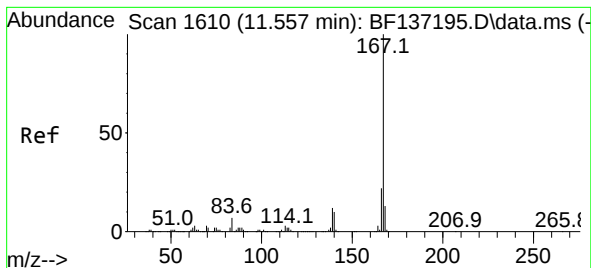
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.3 12.7 19.1





#73

Carbazole

Concen: 44.339 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB158741BS

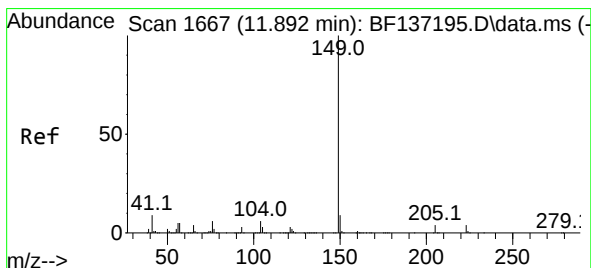
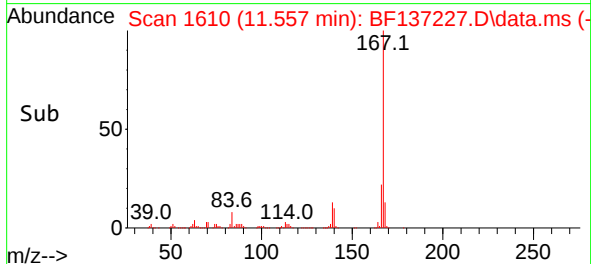
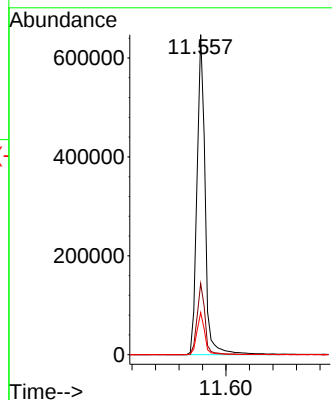
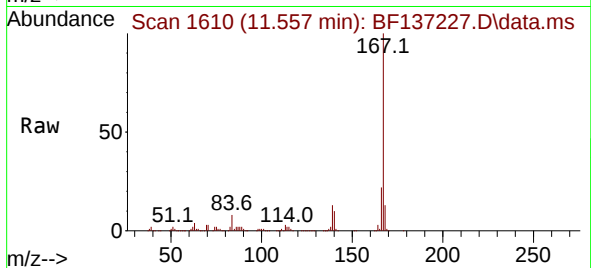
Tgt Ion:167 Resp: 621309

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

139 13.1 9.7 14.5



#74

Di-n-butylphthalate

Concen: 48.798 ng

RT: 11.898 min Scan# 1668

Delta R.T. 0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

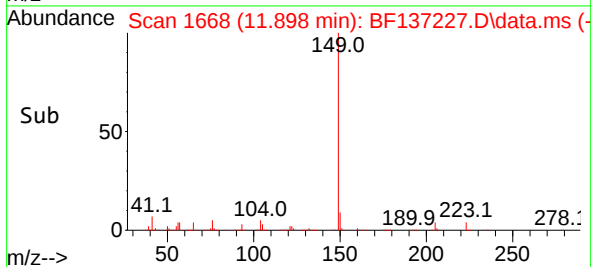
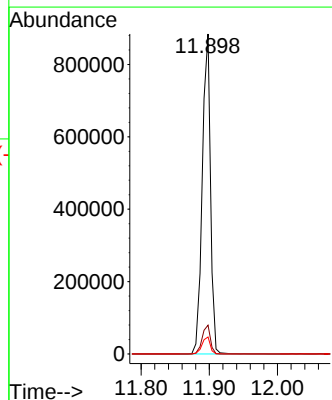
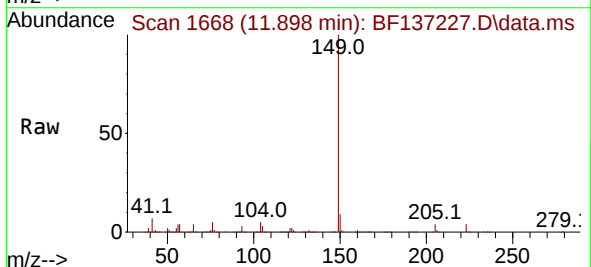
Tgt Ion:149 Resp: 739174

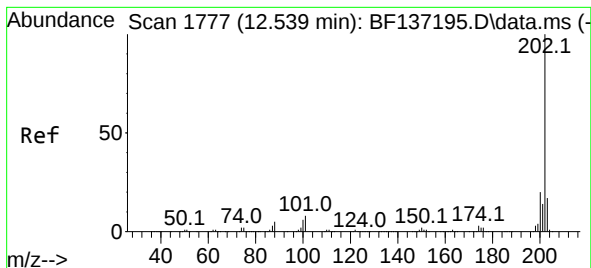
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 42.900 ng

RT: 12.539 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB158741BS

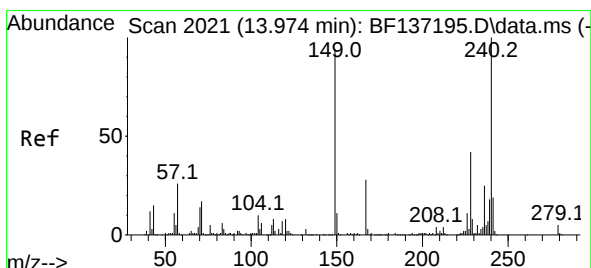
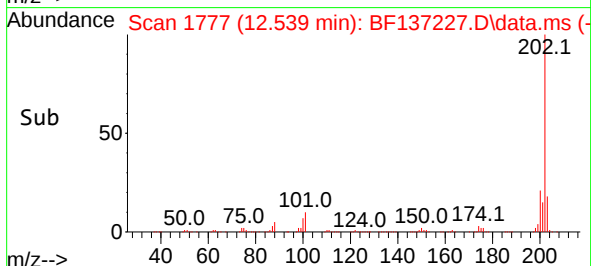
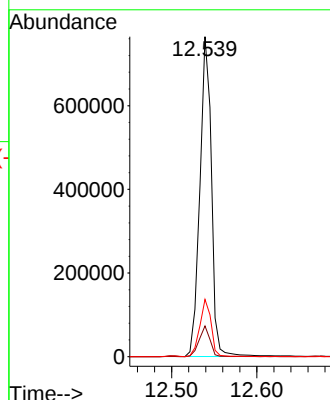
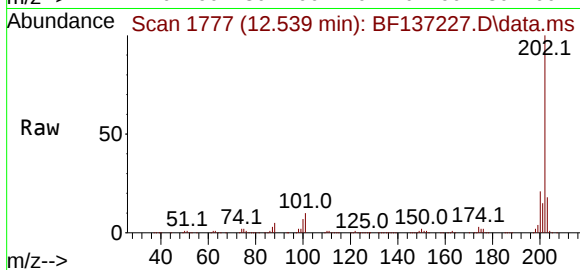
Tgt Ion:202 Resp: 722155

Ion Ratio Lower Upper

202 100

101 9.6 0.0 28.4

203 17.9 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: BF137227.D

Acq: 01 Feb 2024 12:48

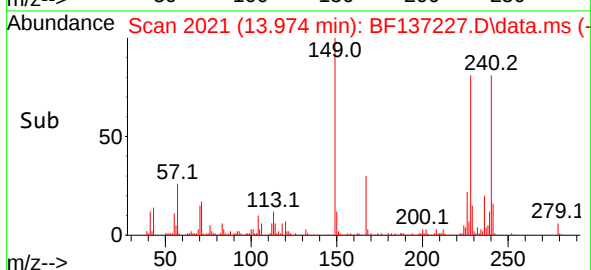
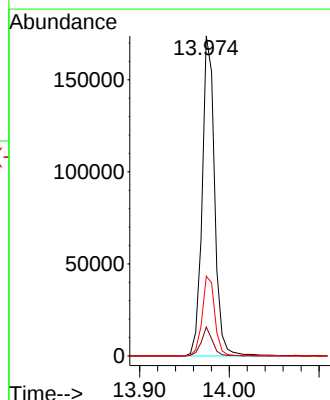
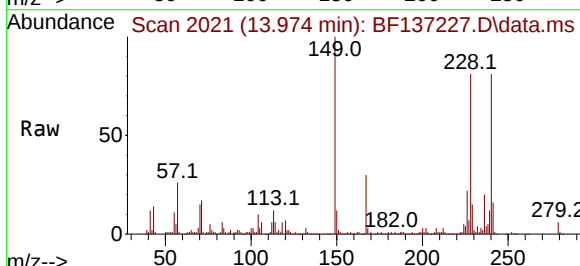
Tgt Ion:240 Resp: 167477

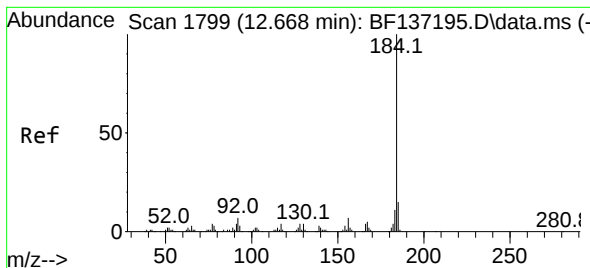
Ion Ratio Lower Upper

240 100

120 9.0 6.3 9.5

236 24.9 20.3 30.5





#77

Benzidine

Concen: 56.390 ng

RT: 12.669 min Scan# 1

Delta R.T. 0.001 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB158741BS

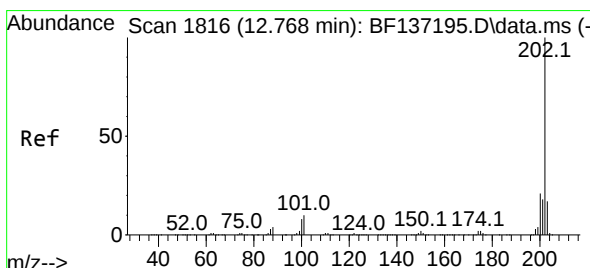
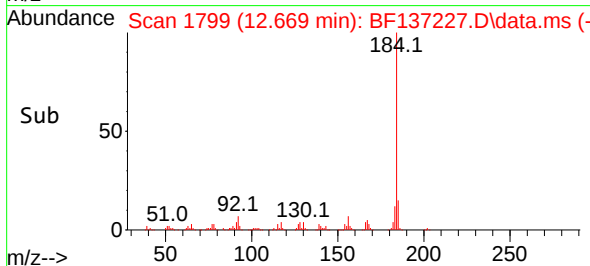
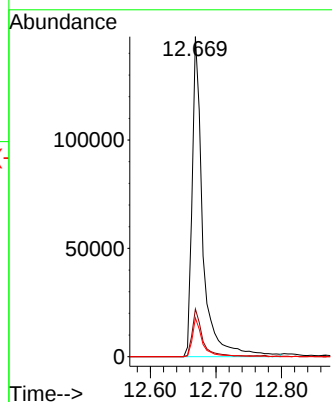
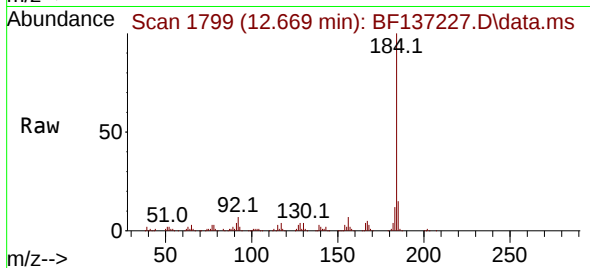
Tgt Ion:184 Resp: 169111

Ion Ratio Lower Upper

184 100

185 14.9 11.9 17.9

183 12.1 8.8 13.2



#78

Pyrene

Concen: 46.096 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

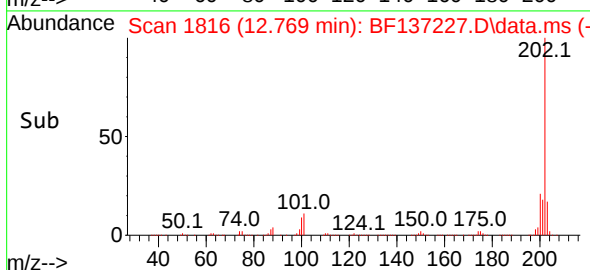
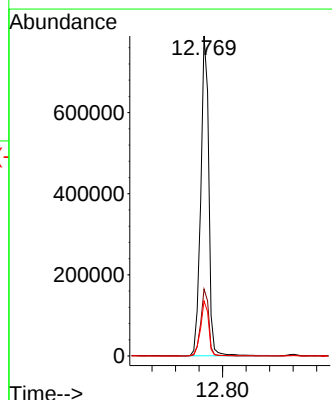
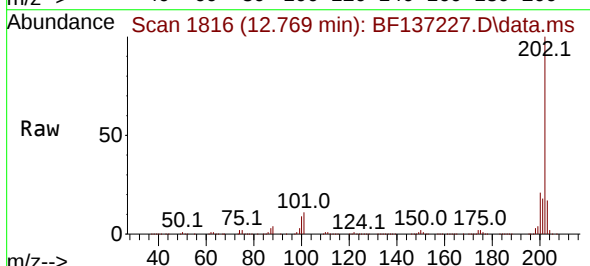
Tgt Ion:202 Resp: 741895

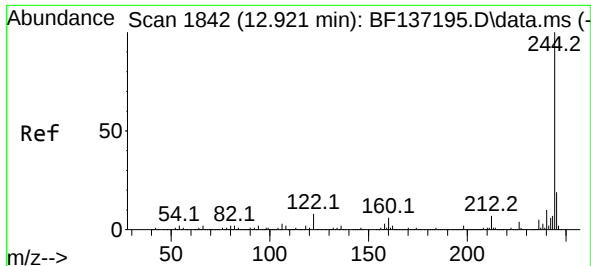
Ion Ratio Lower Upper

202 100

200 20.9 16.5 24.7

203 17.2 13.8 20.6

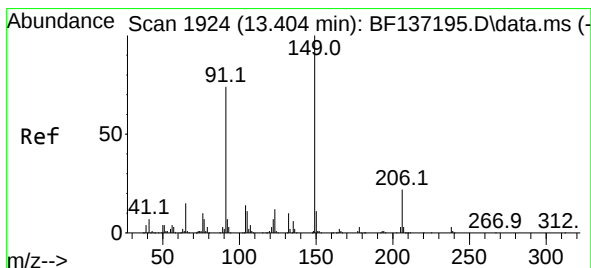
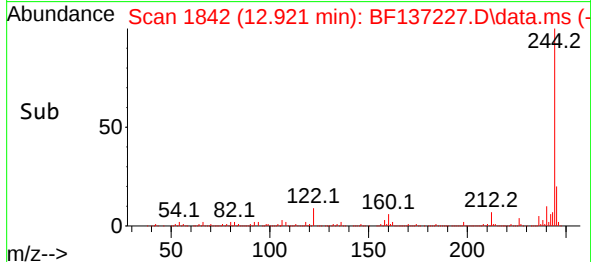
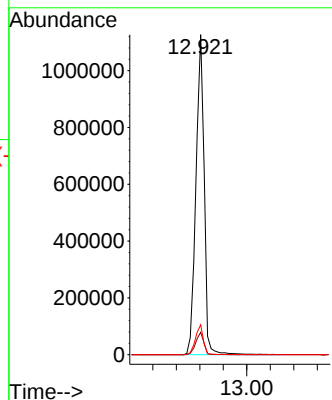
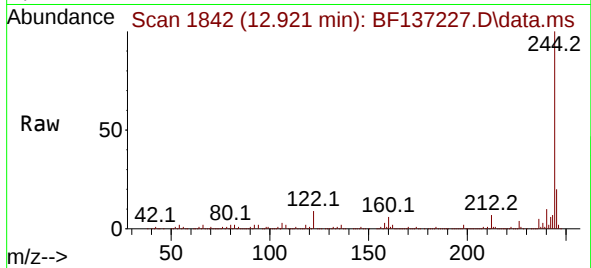




#79
 Terphenyl-d14
 Concen: 88.662 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137227.D
 Acq: 01 Feb 2024 12:48

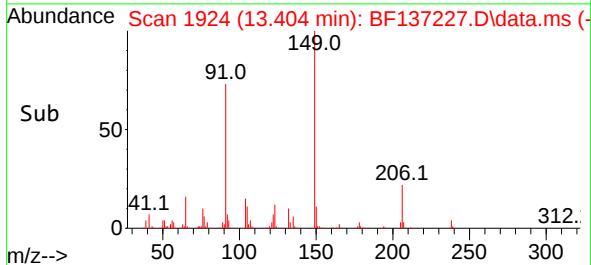
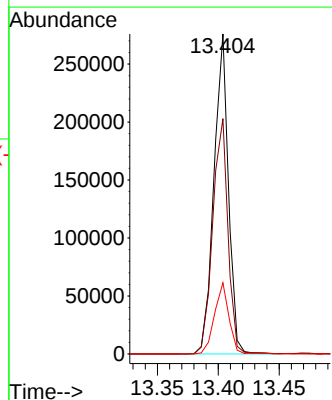
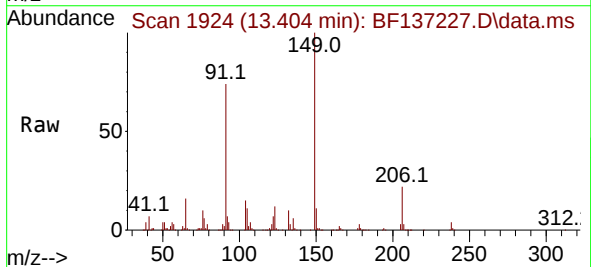
Instrument :
 BNA_F
 ClientSampleId :
 PB158741BS

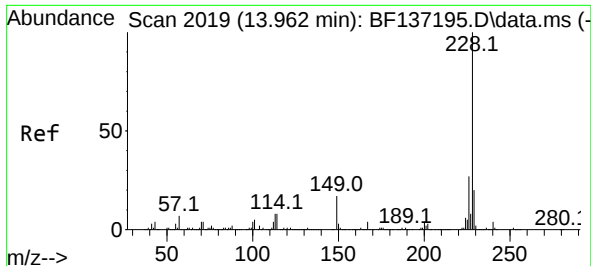
Tgt Ion:244 Resp: 1092277
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 9.3 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 55.451 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF137227.D
 Acq: 01 Feb 2024 12:48

Tgt Ion:149 Resp: 228300
 Ion Ratio Lower Upper
 149 100
 91 73.5 58.8 88.2
 206 22.3 17.7 26.5

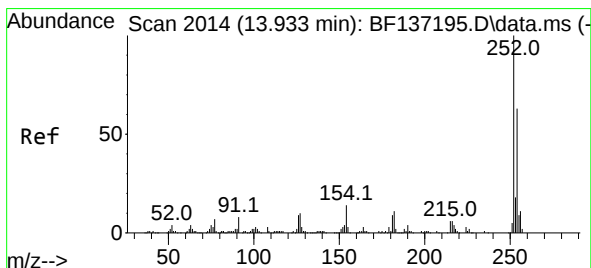
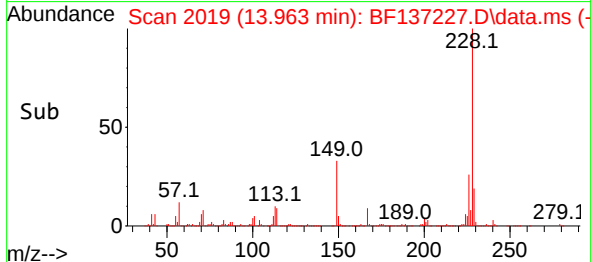
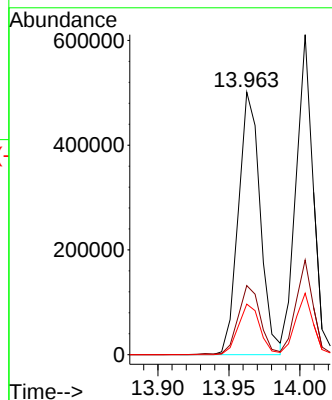
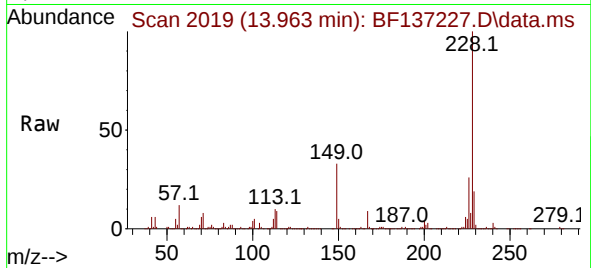




#81
Benzo(a)anthracene
Concen: 45.395 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

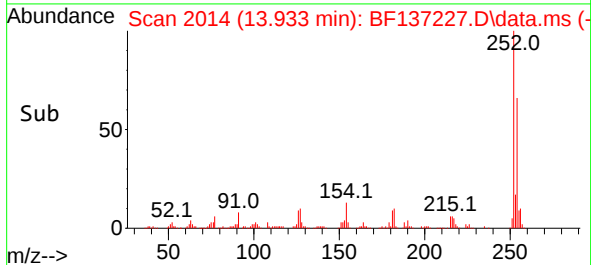
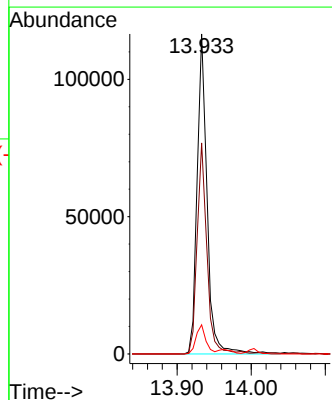
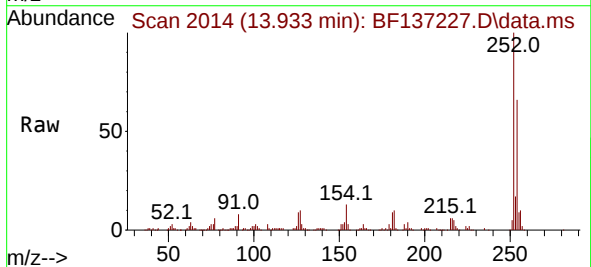
Instrument :
BNA_F
ClientSampleId :
PB158741BS

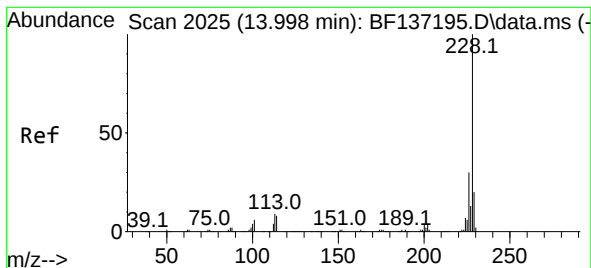
Tgt Ion:228 Resp: 538427
Ion Ratio Lower Upper
228 100
226 26.3 21.6 32.4
229 19.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 33.640 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion:252 Resp: 108706
Ion Ratio Lower Upper
252 100
254 65.9 50.2 75.2
126 9.1 7.0 10.6





#83

Chrysene

Concen: 44.223 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB158741BS

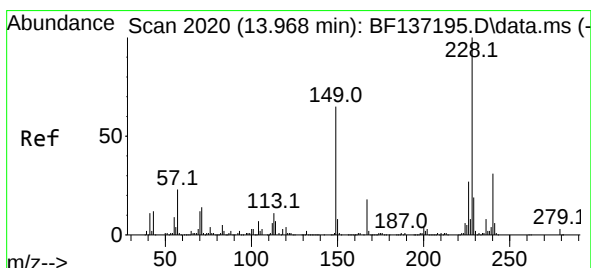
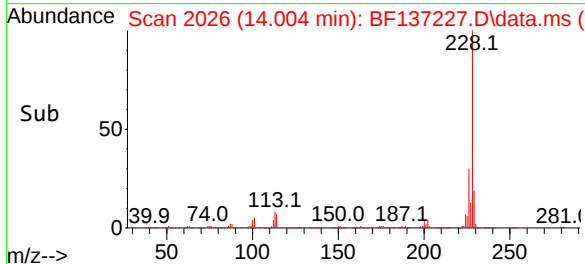
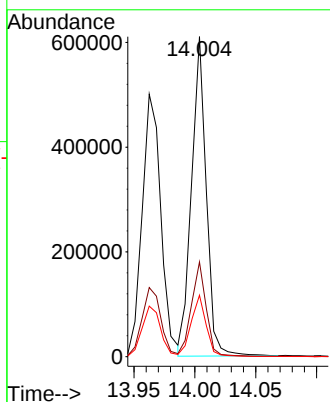
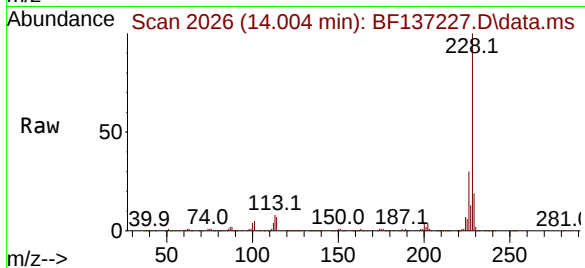
Tgt Ion:228 Resp: 515670

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 19.2 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.932 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

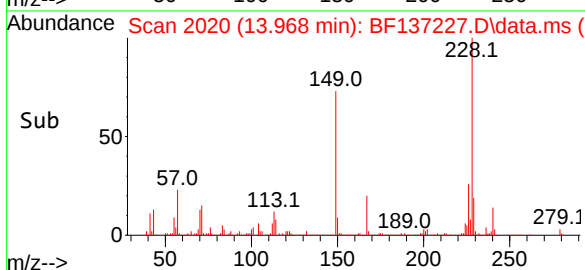
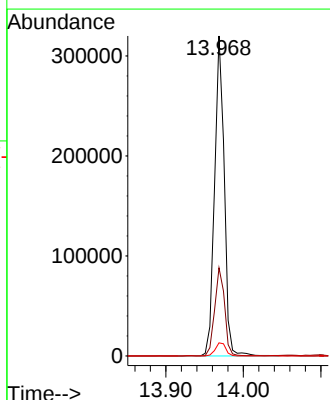
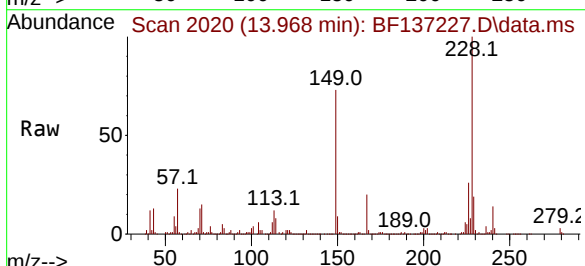
Tgt Ion:149 Resp: 277496

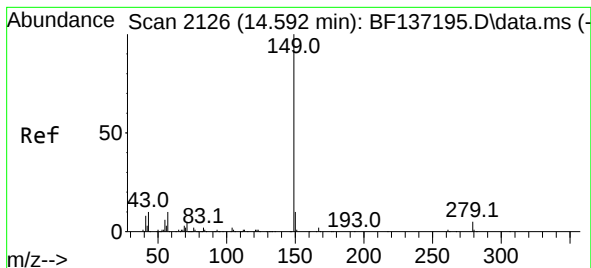
Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 57.656 ng

RT: 14.586 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB158741BS

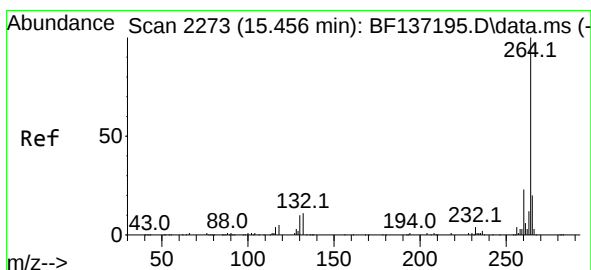
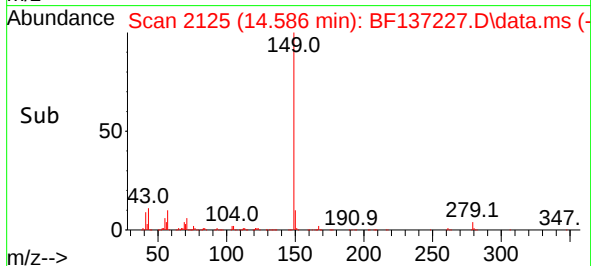
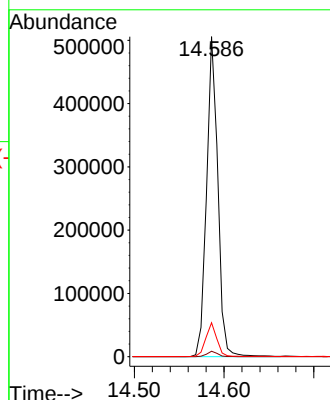
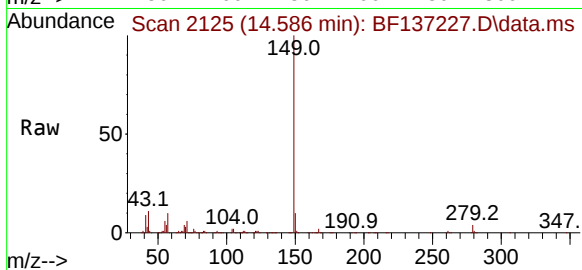
Tgt Ion:149 Resp: 439119

Ion Ratio Lower Upper

149 100

167 1.6 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: BF137227.D

Acq: 01 Feb 2024 12:48

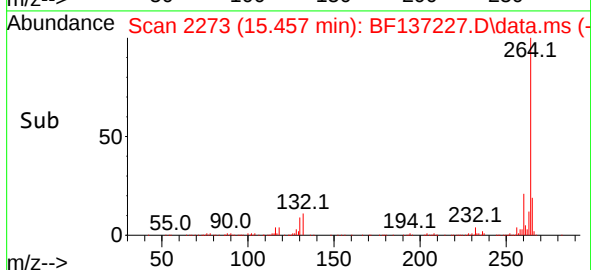
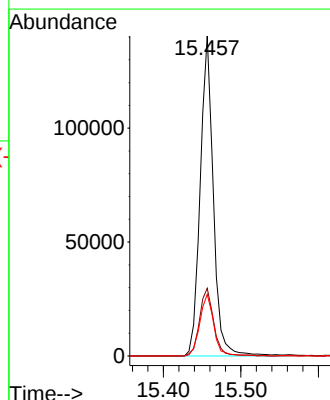
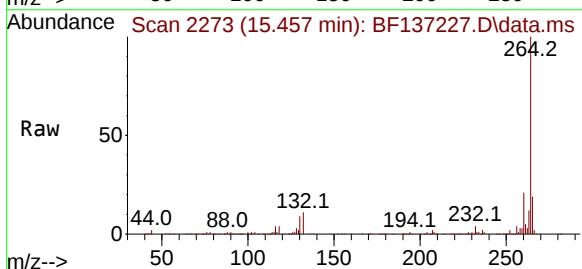
Tgt Ion:264 Resp: 165308

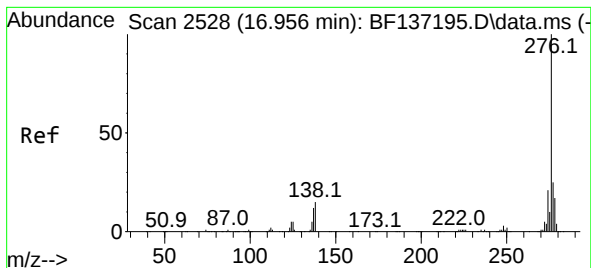
Ion Ratio Lower Upper

264 100

260 21.2 18.2 27.4

265 19.2 16.2 24.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.994 ng

RT: 16.962 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB158741BS

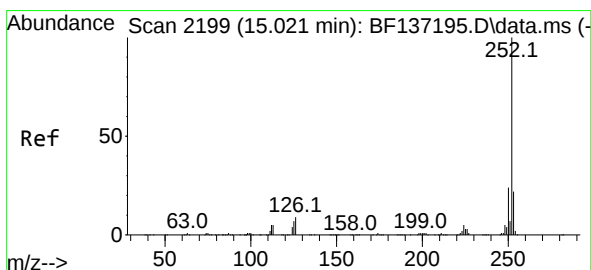
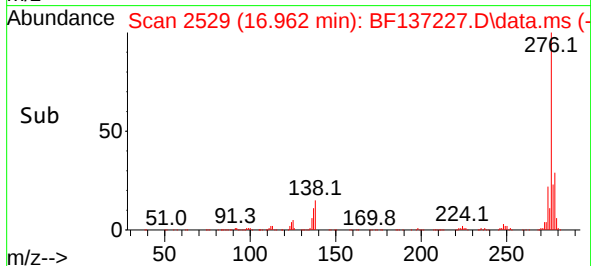
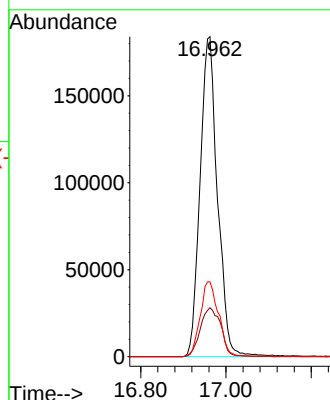
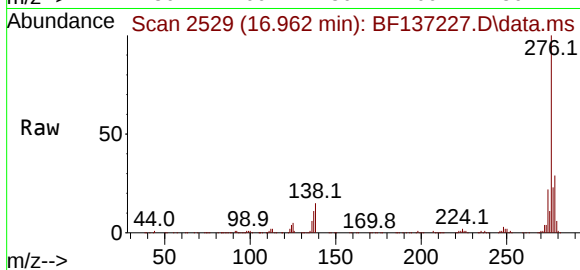
Tgt Ion:276 Resp: 522553

Ion Ratio Lower Upper

276 100

138 18.0 14.6 21.8

277 24.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.036 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF137227.D

Acq: 01 Feb 2024 12:48

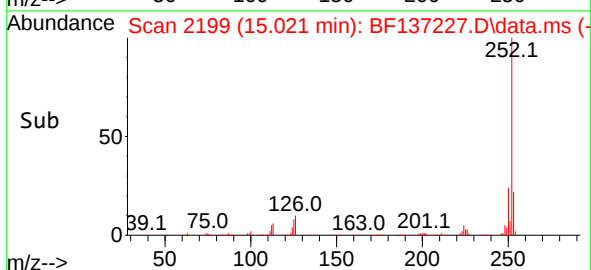
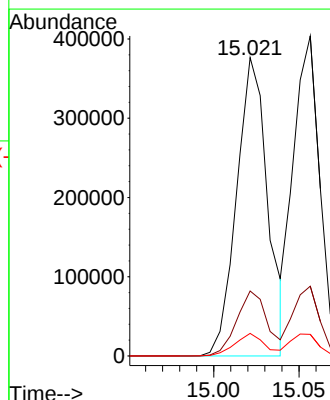
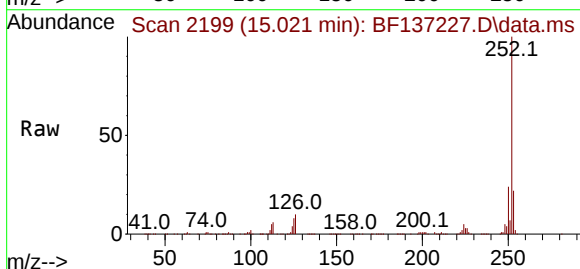
Tgt Ion:252 Resp: 478176

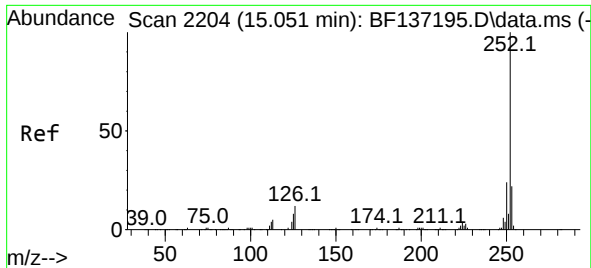
Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 7.6 5.4 8.2

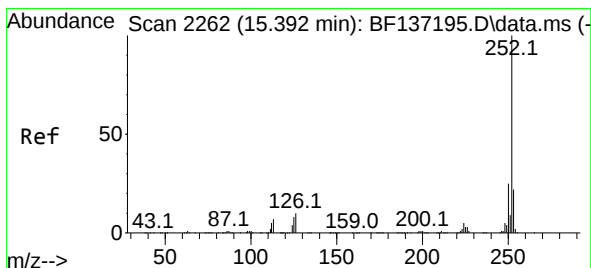
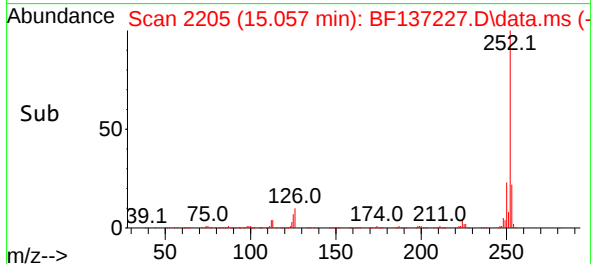
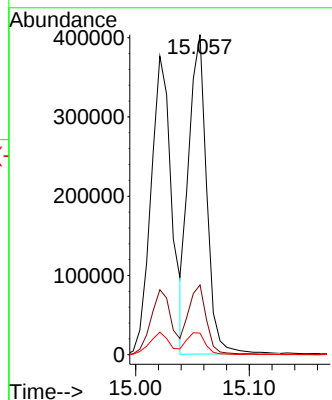
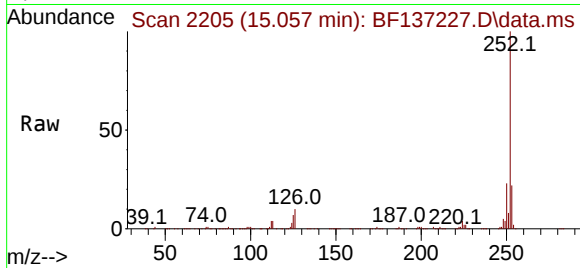




#89
Benzo(k)fluoranthene
Concen: 41.326 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

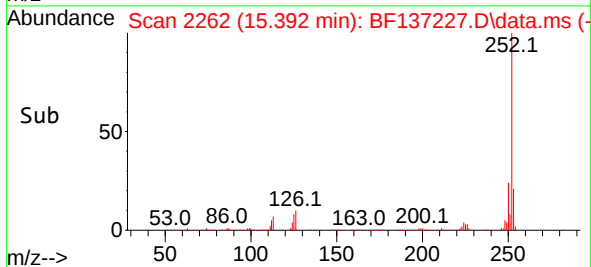
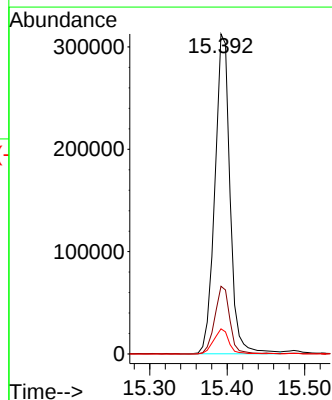
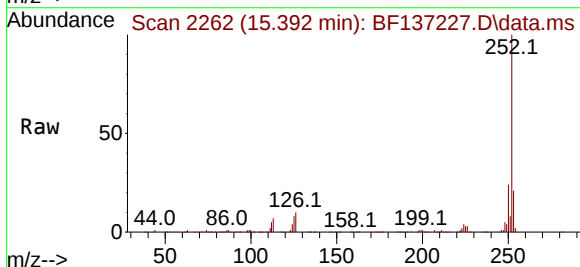
Instrument :
BNA_F
ClientSampleId :
PB158741BS

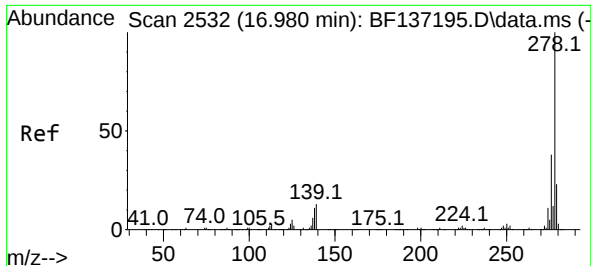
Tgt Ion:252 Resp: 444457
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 6.8 5.9 8.9



#90
Benzo(a)pyrene
Concen: 44.380 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF137227.D
Acq: 01 Feb 2024 12:48

Tgt Ion:252 Resp: 424593
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.6
125 7.9 6.5 9.7

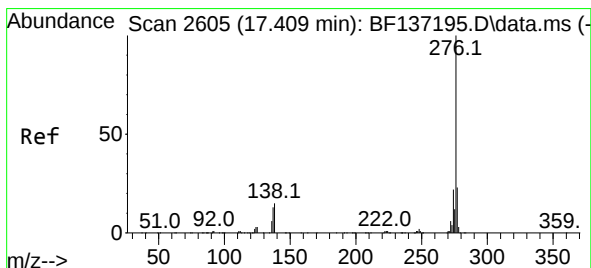
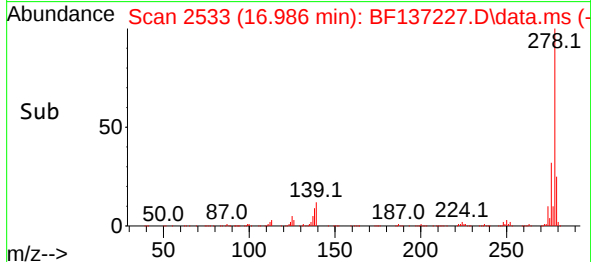
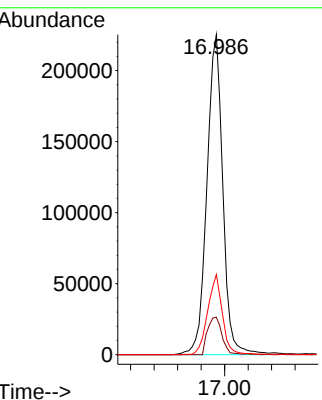
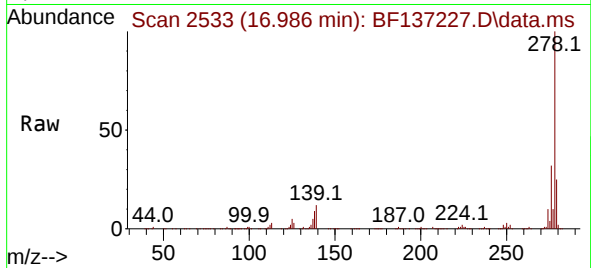




#91
 Dibenzo(a,h)anthracene
 Concen: 45.569 ng
 RT: 16.986 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF137227.D
 Acq: 01 Feb 2024 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB158741BS

Tgt Ion:278 Resp: 424057
 Ion Ratio Lower Upper
 278 100
 139 11.7 10.0 15.0
 279 25.0 18.5 27.7



#92
 Benzo(g,h,i)perylene
 Concen: 44.967 ng
 RT: 17.415 min Scan# 2606
 Delta R.T. 0.006 min
 Lab File: BF137227.D
 Acq: 01 Feb 2024 12:48

Tgt Ion:276 Resp: 410701
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.4 27.6
 138 15.3 11.8 17.8

