

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137713.D
 Acq On : 24 Apr 2024 12:07
 Operator : CG\JU
 Sample : PB160276BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160276BSD

Quant Time: Apr 24 12:53:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	314341	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1285860	20.000	ng	0.00
39) Acenaphthene-d10	10.116	164	692262	20.000	ng	0.00
64) Phenanthrene-d10	11.610	188	1216214	20.000	ng	0.00
76) Chrysene-d12	14.262	240	801376	20.000	ng	# 0.00
86) Perylene-d12	15.833	264	622095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	1800615	87.014	ng	0.02
7) Phenol-d6	6.681	99	2301030	87.564	ng	0.00
23) Nitrobenzene-d5	7.628	82	2076535	85.724	ng	0.00
42) 2,4,6-Tribromophenol	10.910	330	662115	94.785	ng	0.00
45) 2-Fluorobiphenyl	9.427	172	3880264	83.753	ng	0.00
79) Terphenyl-d14	13.198	244	4334026	87.049	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.122	88	339204	36.607	ng	99
3) Pyridine	3.840	79	880313	35.663	ng	99
4) n-Nitrosodimethylamine	3.816	42	496447	43.094	ng	100
6) Aniline	6.728	93	1039886	31.794	ng	99
8) 2-Chlorophenol	6.845	128	1031577	47.755	ng	96
9) Benzaldehyde	6.616	77	232076	15.737	ng	94
10) Phenol	6.692	94	1228174	46.783	ng	97
11) bis(2-Chloroethyl)ether	6.792	93	965841	45.106	ng	97
12) 1,3-Dichlorobenzene	7.004	146	1037643	45.805	ng	99
13) 1,4-Dichlorobenzene	7.081	146	1049267	46.007	ng	99
14) 1,2-Dichlorobenzene	7.233	146	1015973	47.857	ng	98
15) Benzyl Alcohol	7.198	79	896706	45.615	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.333	45	1480980	44.973	ng	99
17) 2-Methylphenol	7.304	107	845423	44.051	ng	99
18) Hexachloroethane	7.581	117	377961	46.825	ng	97
19) n-Nitroso-di-n-propyla...	7.475	70	739342	43.510	ng	99
20) 3+4-Methylphenols	7.457	107	1066474	43.024	ng	# 87
22) Acetophenone	7.475	105	1389730	44.188	ng	99
24) Nitrobenzene	7.645	77	1082644	44.238	ng	93
25) Isophorone	7.886	82	2062786	45.851	ng	100
26) 2-Nitrophenol	7.963	139	541986	50.465	ng	97
27) 2,4-Dimethylphenol	7.986	122	1013830	46.791	ng	97
28) bis(2-Chloroethoxy)met...	8.092	93	1229398	44.740	ng	99
29) 2,4-Dichlorophenol	8.198	162	879960	46.340	ng	98
30) 1,2,4-Trichlorobenzene	8.286	180	894598	46.220	ng	99
31) Naphthalene	8.375	128	2902125	44.228	ng	99
32) Benzoic acid	8.110	122	657839	47.950	ng	97
33) 4-Chloroaniline	8.410	127	539763	19.434	ng	99
34) Hexachlorobutadiene	8.480	225	523539	45.119	ng	99
35) Caprolactam	8.786	113	150236	24.471	ng	95
36) 4-Chloro-3-methylphenol	8.886	107	922900	45.823	ng	98
37) 2-Methylnaphthalene	9.063	142	1940498	43.087	ng	99
38) 1-Methylnaphthalene	9.163	142	1822706	43.287	ng	100
40) 1,2,4,5-Tetrachloroben...	9.227	216	869030	45.790	ng	99
41) Hexachlorocyclopentadiene	9.216	237	1201990	113.034	ng	100
43) 2,4,6-Trichlorophenol	9.339	196	652032	48.973	ng	100

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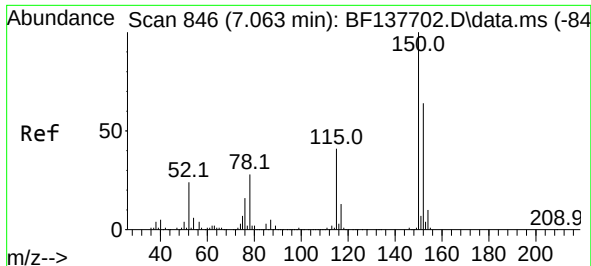
Quant Time: Apr 24 12:53:53 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	681317	44.652	ng	98
46) 1,1'-Biphenyl	9.527	154	2315218	45.973	ng	99
47) 2-Chloronaphthalene	9.557	162	1833740	47.236	ng	99
48) 2-Nitroaniline	9.651	65	578728	48.922	ng	92
49) Acenaphthylene	9.974	152	2766734	45.701	ng	100
50) Dimethylphthalate	9.827	163	2221854	46.066	ng	99
51) 2,6-Dinitrotoluene	9.892	165	505816	49.774	ng	90
52) Acenaphthene	10.151	154	1969821	50.250	ng	99
53) 3-Nitroaniline	10.063	138	362647	31.755	ng	99
54) 2,4-Dinitrophenol	10.169	184	557452	101.621	ng	# 43
55) Dibenzofuran	10.322	168	2623659	45.659	ng	98
56) 4-Nitrophenol	10.216	139	898642	101.186	ng	99
57) 2,4-Dinitrotoluene	10.298	165	667474	52.100	ng	99
58) Fluorene	10.669	166	2031800	45.252	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.433	232	578012	48.922	ng	99
60) Diethylphthalate	10.527	149	2132791	45.975	ng	98
61) 4-Chlorophenyl-phenyle...	10.651	204	1013380	45.678	ng	100
62) 4-Nitroaniline	10.686	138	515706	47.410	ng	99
63) Azobenzene	10.816	77	2111729	44.423	ng	97
65) 4,6-Dinitro-2-methylph...	10.704	198	364360	52.250	ng	95
66) n-Nitrosodiphenylamine	10.774	169	1835799	44.567	ng	100
67) 4-Bromophenyl-phenylether	11.145	248	630998	44.774	ng	96
68) Hexachlorobenzene	11.216	284	663853	48.353	ng	# 92
69) Atrazine	11.298	200	635086	55.774	ng	100
70) Pentachlorophenol	11.404	266	849213	82.226	ng	100
71) Phenanthrene	11.633	178	2865138	44.503	ng	100
72) Anthracene	11.686	178	2939760	44.592	ng	100
73) Carbazole	11.839	167	2663487	44.580	ng	99
74) Di-n-butylphthalate	12.157	149	3246842	44.580	ng	99
75) Fluoranthene	12.827	202	2995655	44.268	ng	98
77) Benzidine	12.939	184	782281	41.794	ng	100
78) Pyrene	13.063	202	3013799	45.819	ng	99
80) Butylbenzylphthalate	13.668	149	1199909	51.441	ng	91
81) Benzo(a)anthracene	14.251	228	2521469	45.111	ng	99
82) 3,3'-Dichlorobenzidine	14.204	252	569830	32.950	ng	97
83) Chrysene	14.292	228	2295243	43.949	ng	99
84) Bis(2-ethylhexyl)phtha...	14.221	149	1815995	51.552	ng	98
85) Di-n-octyl phthalate	14.851	149	2688424	50.807	ng	99
87) Indeno(1,2,3-cd)pyrene	17.480	276	1820210	52.769	ng	99
88) Benzo(b)fluoranthene	15.362	252	1951859	49.031	ng	99
89) Benzo(k)fluoranthene	15.398	252	1957301	50.019	ng	98
90) Benzo(a)pyrene	15.768	252	1611556	45.128	ng	99
91) Dibenzo(a,h)anthracene	17.503	278	1523604	53.227	ng	99
92) Benzo(g,h,i)perylene	17.986	276	1482088	53.246	ng	98

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

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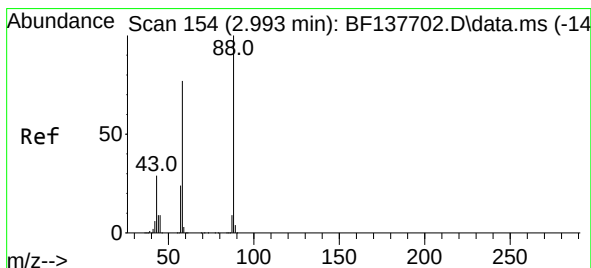
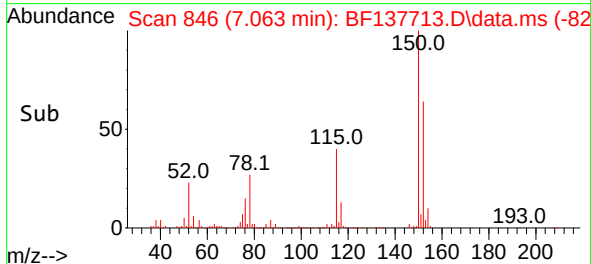
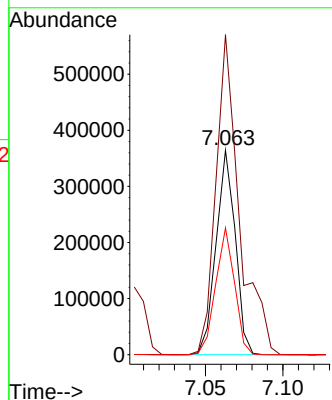
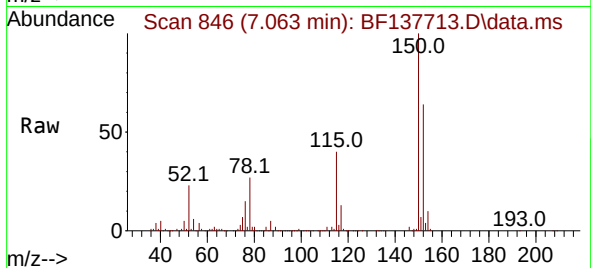




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.063 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BF137713.D
 Acq: 24 Apr 2024 12:07

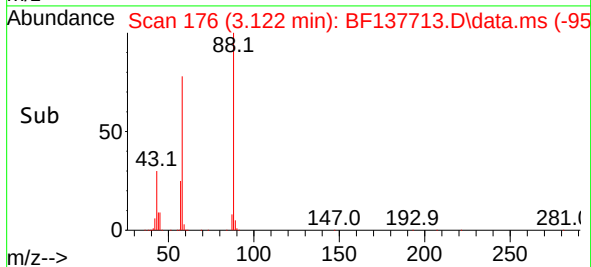
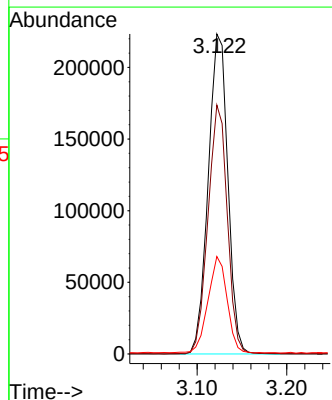
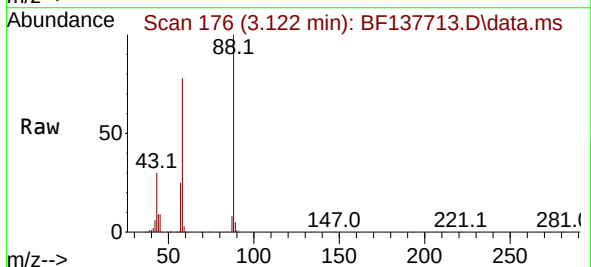
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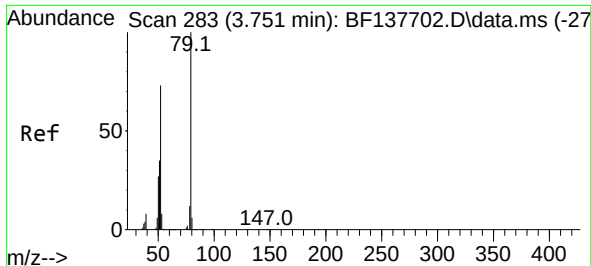
Tgt Ion:152 Resp: 314341
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.2 186.4
 115 61.9 50.8 76.2



#2
 1,4-Dioxane
 Concen: 36.607 ng
 RT: 3.122 min Scan# 176
 Delta R.T. 0.129 min
 Lab File: BF137713.D
 Acq: 24 Apr 2024 12:07

Tgt Ion: 88 Resp: 339204
 Ion Ratio Lower Upper
 88 100
 58 76.9 62.4 93.6
 43 29.4 23.7 35.5

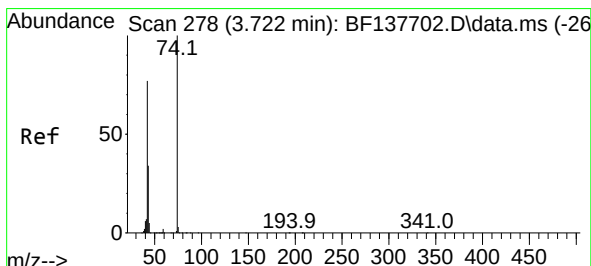
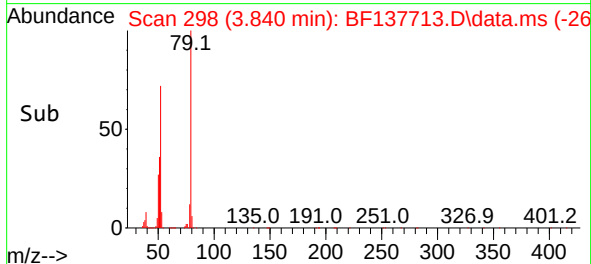
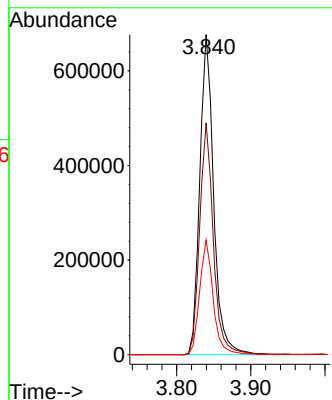
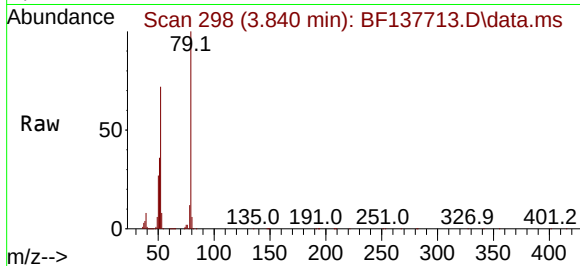




#3
 Pyridine
 Concen: 35.663 ng
 RT: 3.840 min Scan# 291
 Delta R.T. 0.088 min
 Lab File: BF137713.D
 Acq: 24 Apr 2024 12:07

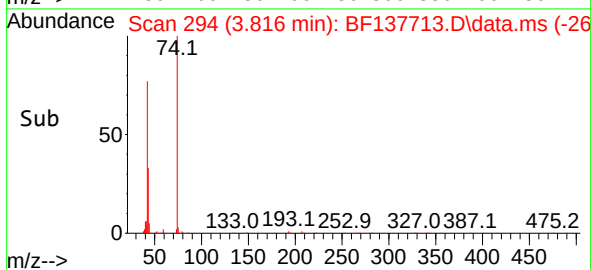
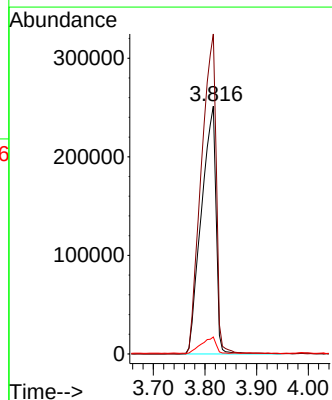
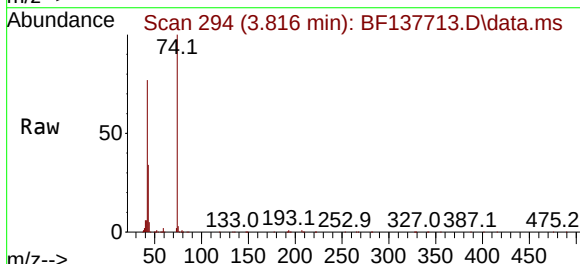
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 ClientSampleId :
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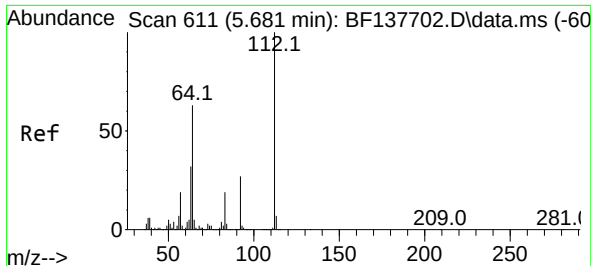
Tgt Ion: 79 Resp: 880313
 Ion Ratio Lower Upper
 79 100
 52 72.4 58.0 87.0
 51 35.8 27.9 41.9



#4
 n-Nitrosodimethylamine
 Concen: 43.094 ng
 RT: 3.816 min Scan# 294
 Delta R.T. 0.094 min
 Lab File: BF137713.D
 Acq: 24 Apr 2024 12:07

Tgt Ion: 42 Resp: 496447
 Ion Ratio Lower Upper
 42 100
 74 129.1 103.4 155.2
 44 6.9 5.5 8.3

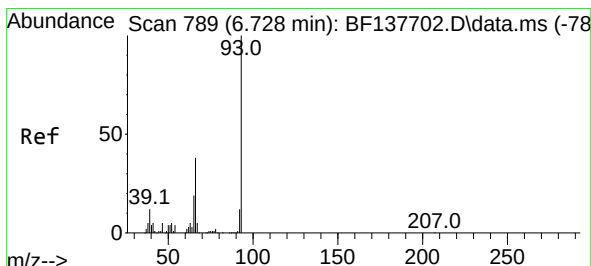
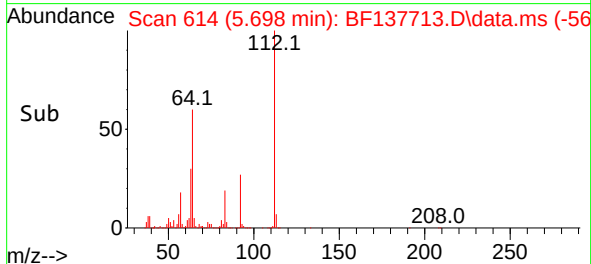
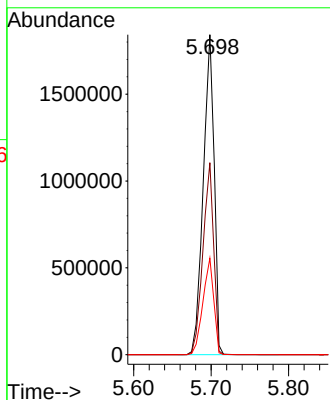
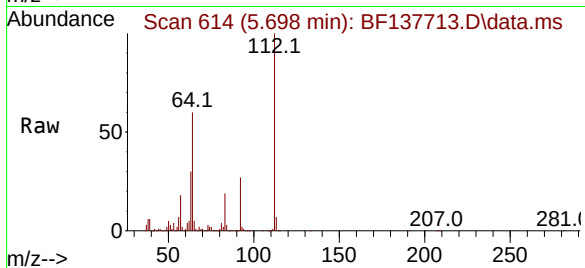




#5
2-Fluorophenol
Concen: 87.014 ng
RT: 5.698 min Scan# 611
Delta R.T. 0.018 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

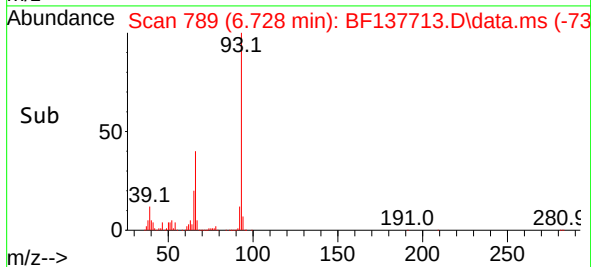
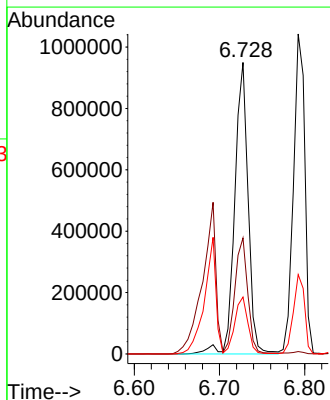
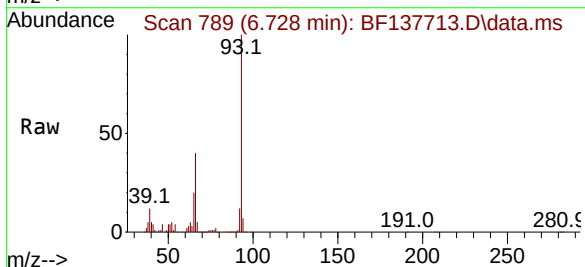
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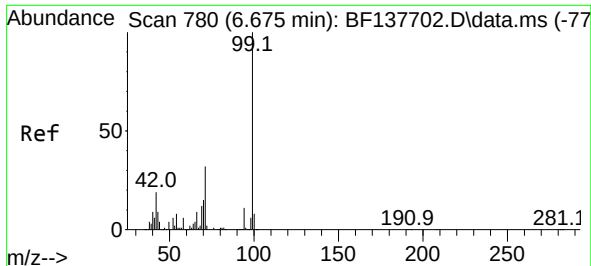
Tgt Ion:112 Resp: 1800615
Ion Ratio Lower Upper
112 100
64 60.0 50.1 75.1
63 30.2 25.2 37.8



#6
Aniline
Concen: 31.794 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion: 93 Resp: 1039886
Ion Ratio Lower Upper
93 100
66 39.8 32.1 48.1
65 19.5 16.4 24.6

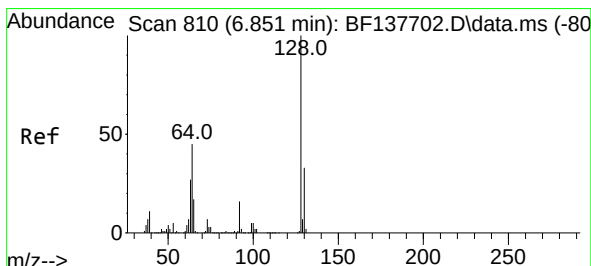
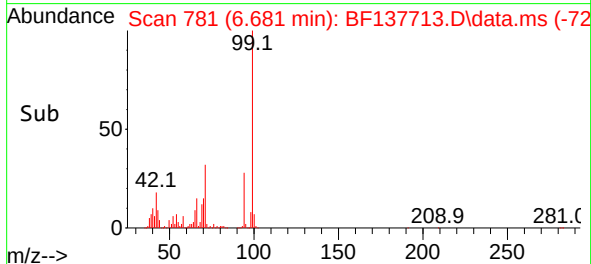
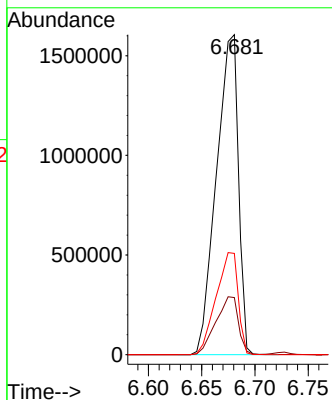
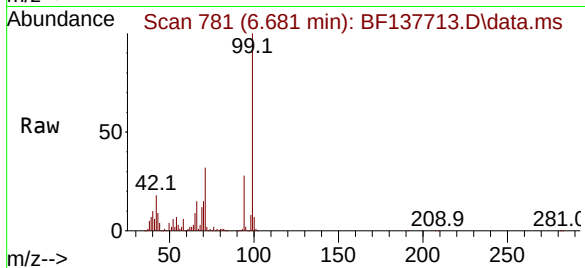




#7
Phenol-d6
Concen: 87.564 ng
RT: 6.681 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

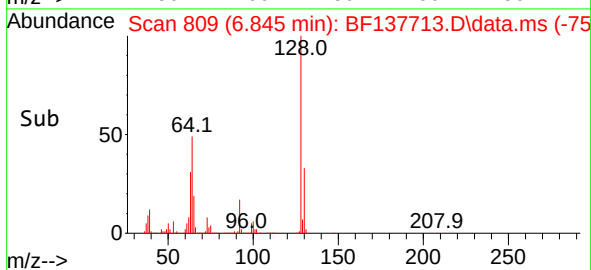
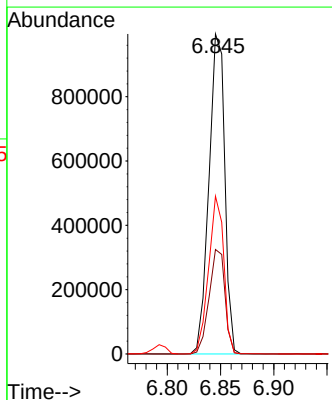
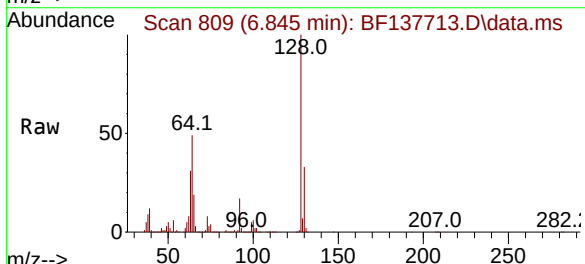
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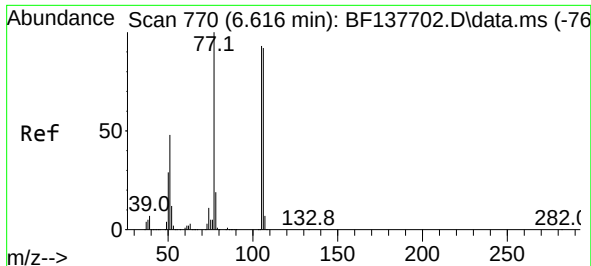
Tgt Ion: 99 Resp: 2301030
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.4
71 31.6 25.7 38.5



#8
2-Chlorophenol
Concen: 47.755 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF137713.D
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Tgt Ion:128 Resp: 1031577
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 49.3 24.7 64.7

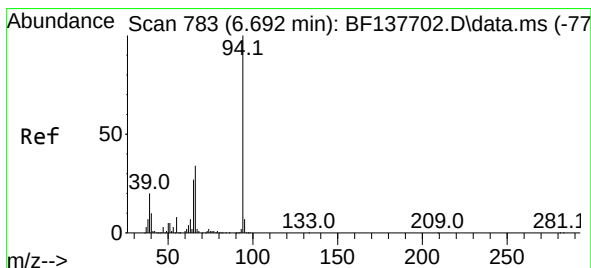
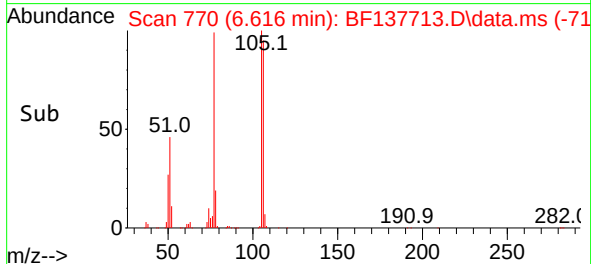
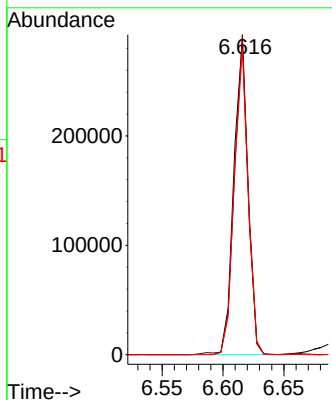
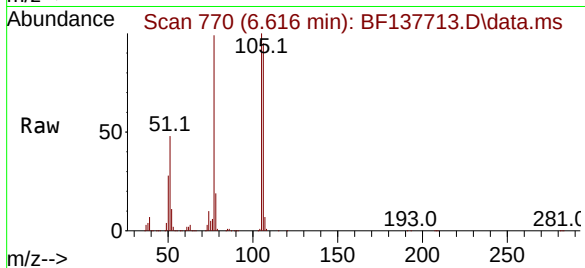




#9
Benzaldehyde
Concen: 15.737 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

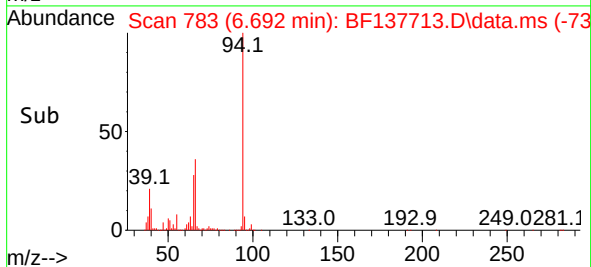
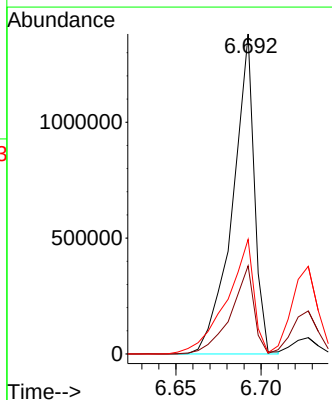
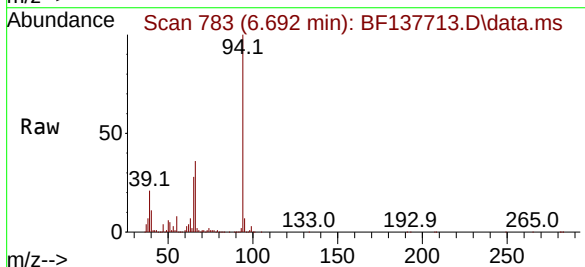
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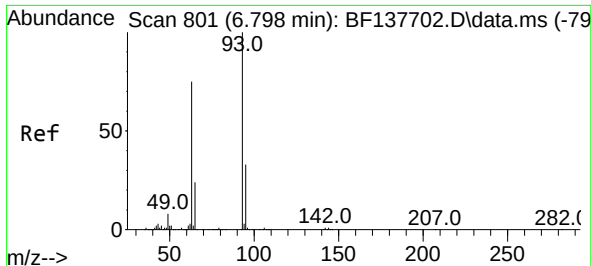
Tgt Ion: 77 Resp: 232076
Ion Ratio Lower Upper
77 100
105 101.1 73.3 113.3
106 96.6 72.1 112.1



#10
Phenol
Concen: 46.783 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF137713.D
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Tgt Ion: 94 Resp: 1228174
Ion Ratio Lower Upper
94 100
65 27.5 6.5 46.5
66 35.8 13.9 53.9

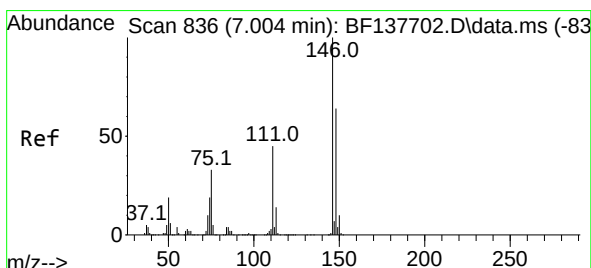
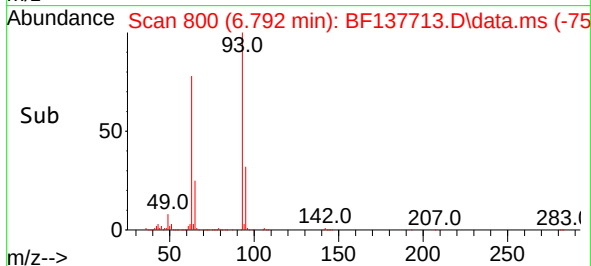
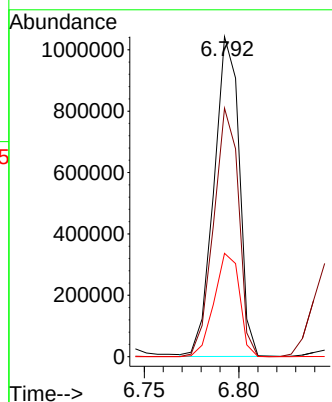
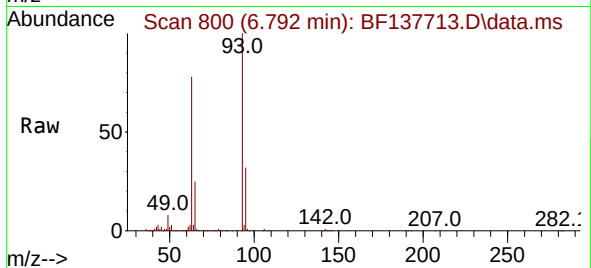




#11
bis(2-Chloroethyl)ether
Concen: 45.106 ng
RT: 6.792 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

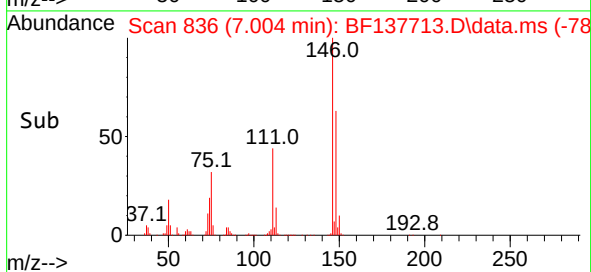
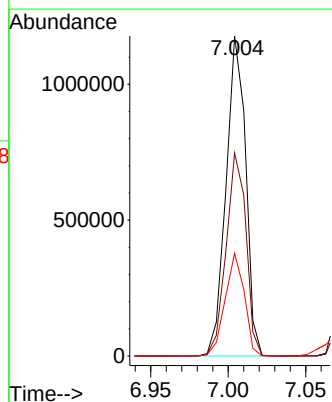
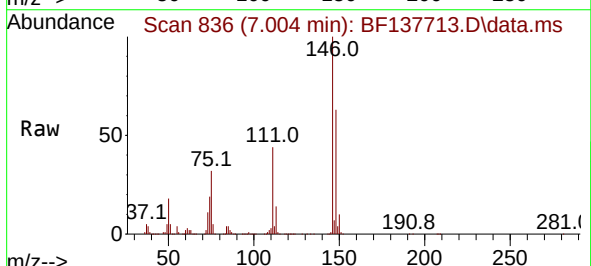
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

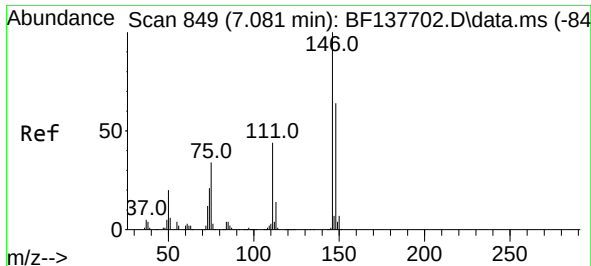
Tgt Ion: 93 Resp: 965841
Ion Ratio Lower Upper
93 100
63 77.6 54.8 94.8
95 32.3 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 45.805 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion:146 Resp: 1037643
Ion Ratio Lower Upper
146 100
148 63.4 50.8 76.2
75 32.1 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 46.007 ng

RT: 7.081 min Scan# 849

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD

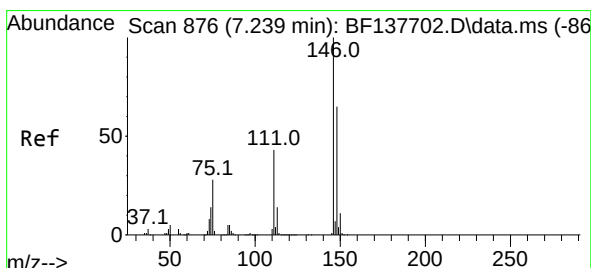
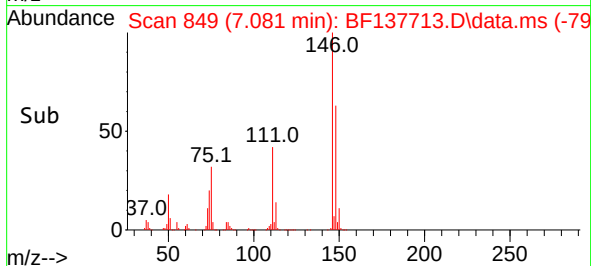
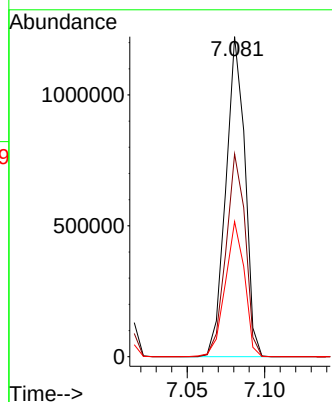
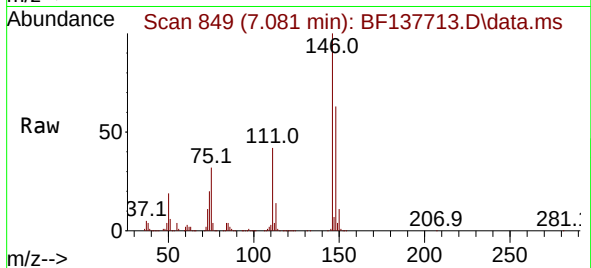
Tgt Ion:146 Resp: 1049267

Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.6

111 42.2 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 47.857 ng

RT: 7.233 min Scan# 875

Delta R.T. -0.006 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

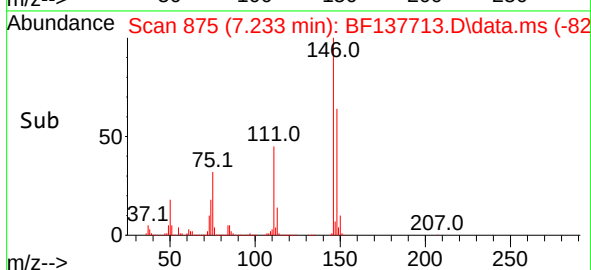
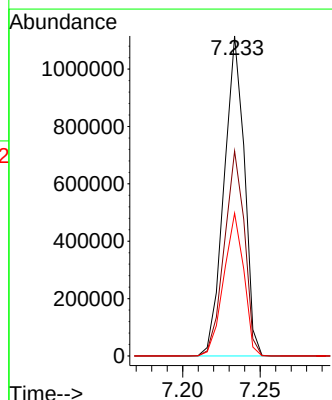
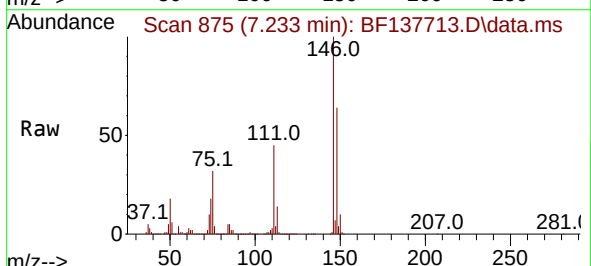
Tgt Ion:146 Resp: 1015973

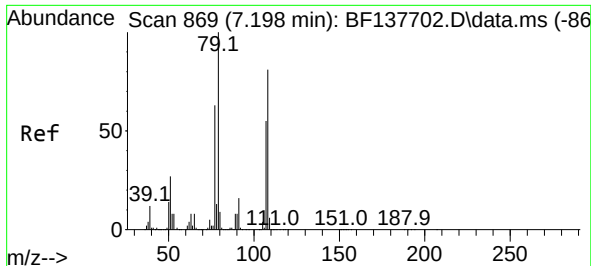
Ion Ratio Lower Upper

146 100

148 64.0 52.1 78.1

111 44.6 34.5 51.7

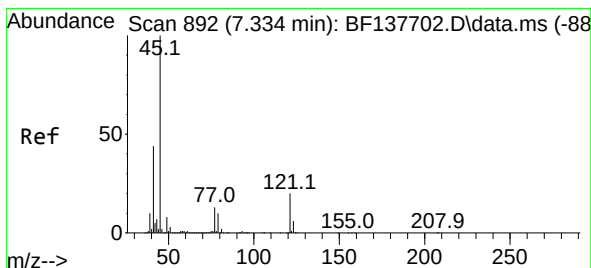
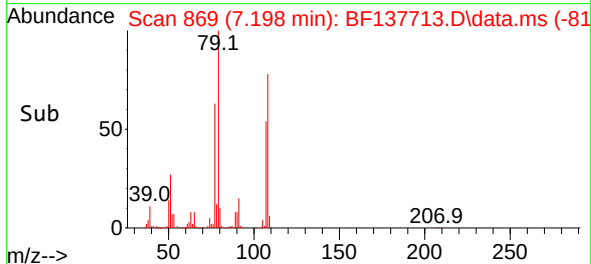
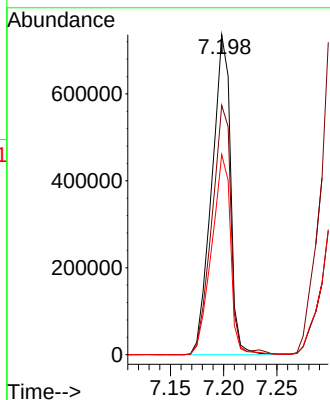
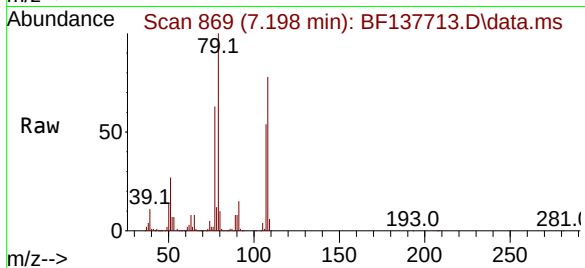




#15
Benzyl Alcohol
Concen: 45.615 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

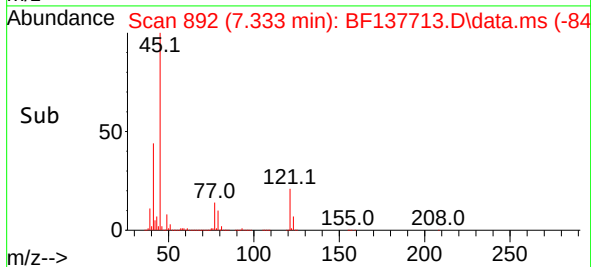
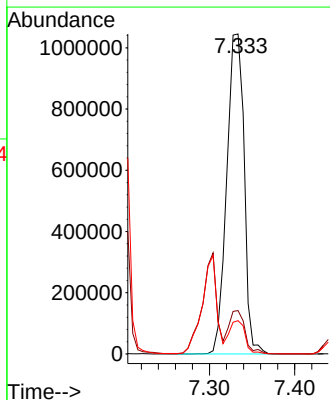
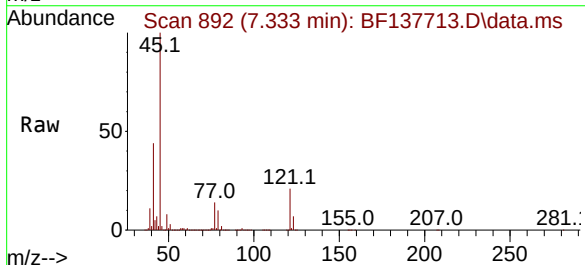
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

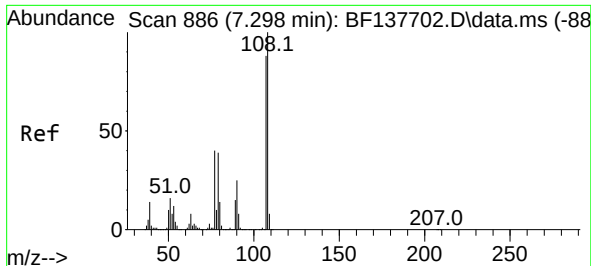
Tgt Ion: 79 Resp: 896706
Ion Ratio Lower Upper
79 100
108 78.0 64.8 97.2
77 62.6 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.973 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion: 45 Resp: 1480980
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.8
79 10.4 0.0 30.1

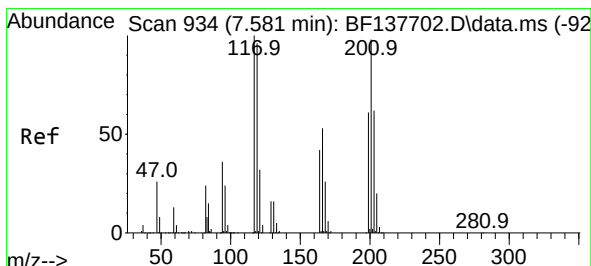
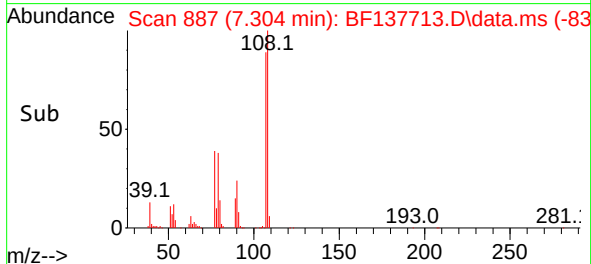
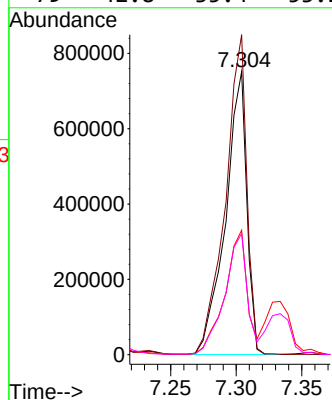
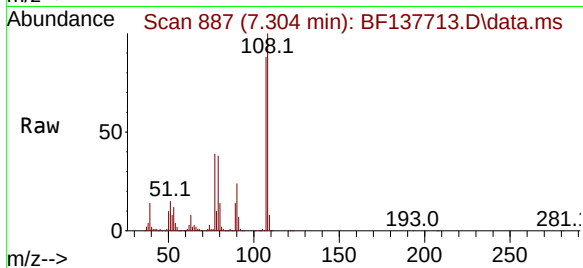




#17
2-Methylphenol
Concen: 44.051 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

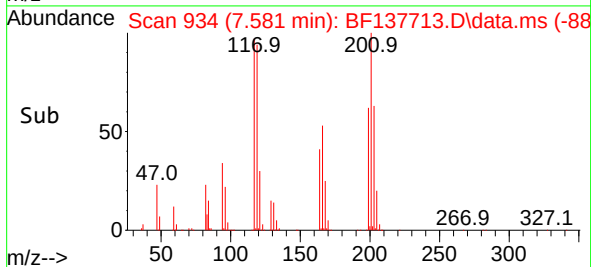
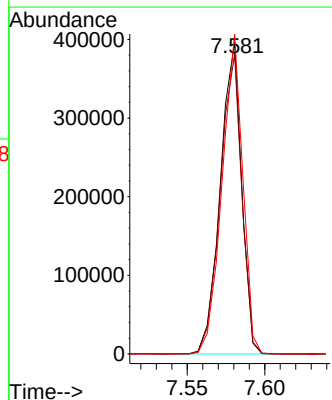
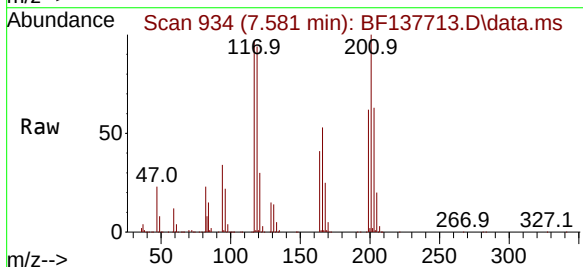
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

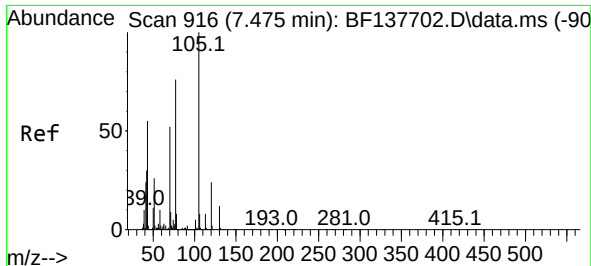
Tgt Ion:107 Resp: 845423
Ion Ratio Lower Upper
107 100
108 113.1 90.6 135.8
77 44.0 35.8 53.8
79 42.8 35.4 53.2



#18
Hexachloroethane
Concen: 46.825 ng
RT: 7.581 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion:117 Resp: 377961
Ion Ratio Lower Upper
117 100
119 96.1 77.1 115.7
201 102.6 78.1 117.1

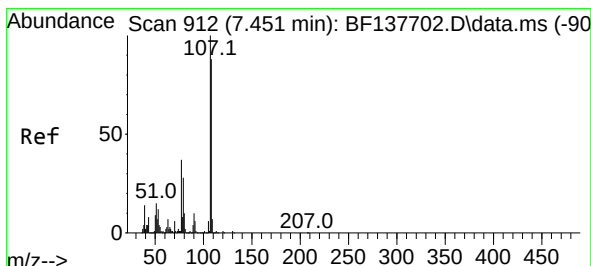
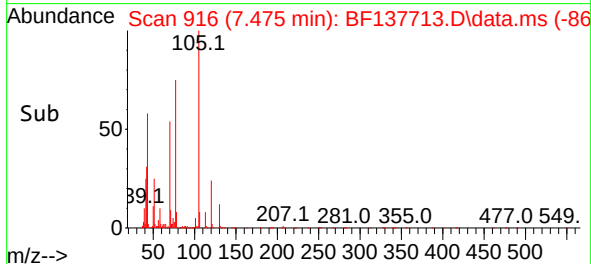
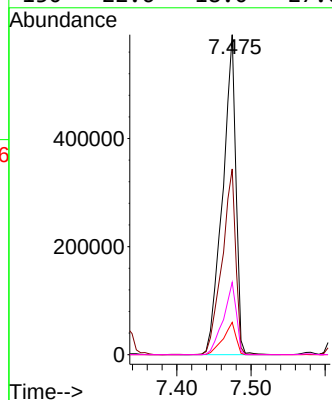
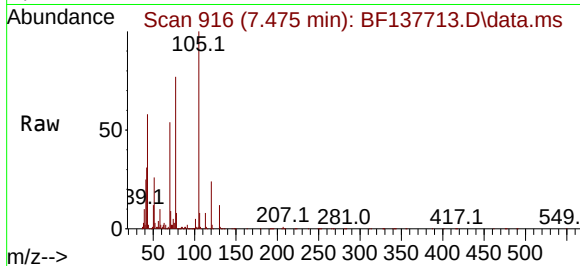




#19
n-Nitroso-di-n-propylamine
Concen: 43.510 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

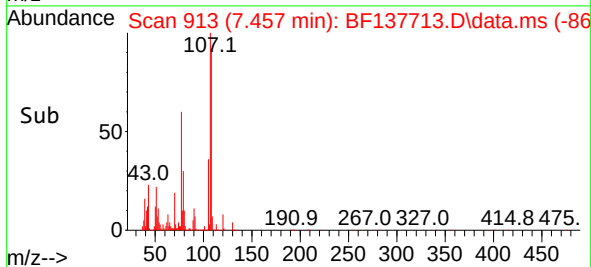
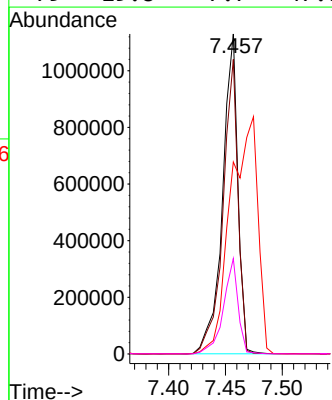
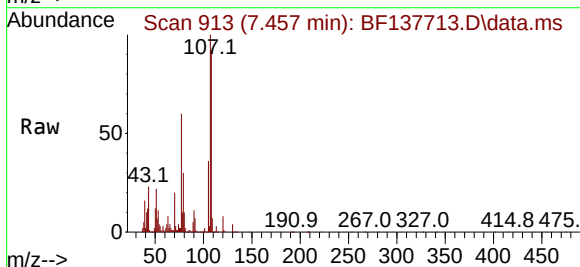
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

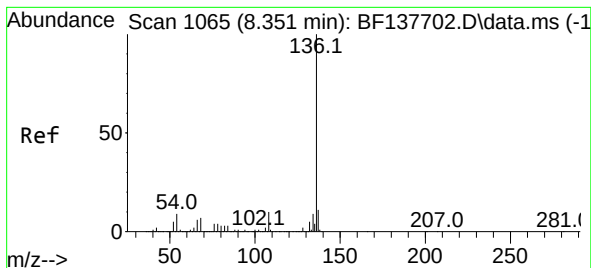
Tgt Ion: 70 Resp: 739342
Ion Ratio Lower Upper
70 100
42 58.0 45.9 68.9
101 10.1 8.0 12.0
130 22.6 18.0 27.0



#20
3+4-Methylphenols
Concen: 43.024 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion:107 Resp: 1066474
Ion Ratio Lower Upper
107 100
108 92.0 68.2 108.2
77 60.0 16.8 56.8#
79 29.8 7.7 47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.351 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137713.D

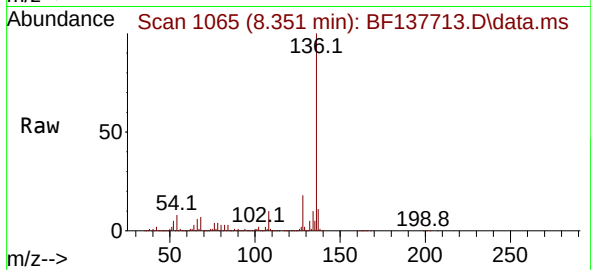
Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD



Tgt Ion:136 Resp: 1285860

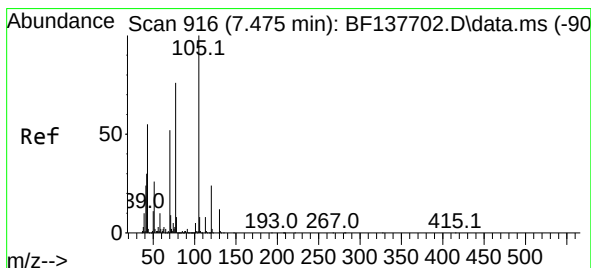
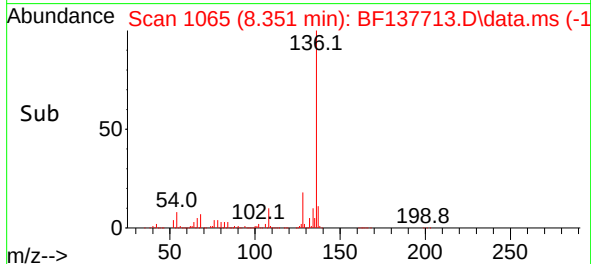
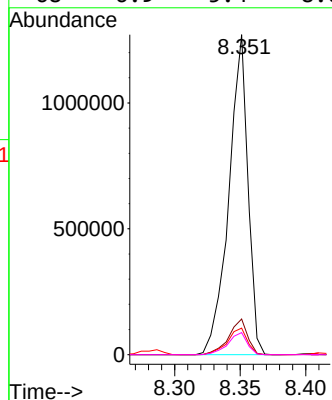
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.3 6.9 10.3

68 6.9 5.4 8.0



#22

Acetophenone

Concen: 44.188 ng

RT: 7.475 min Scan# 916

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Tgt Ion:105 Resp: 1389730

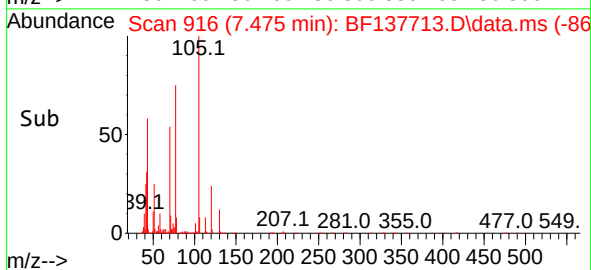
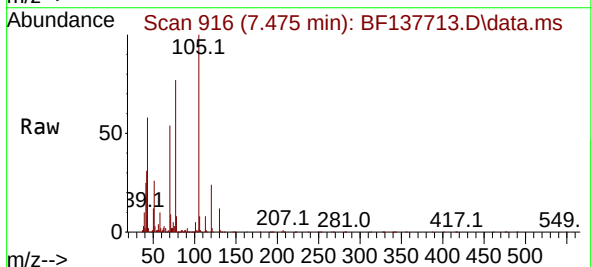
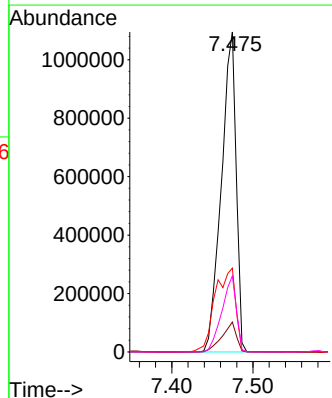
Ion Ratio Lower Upper

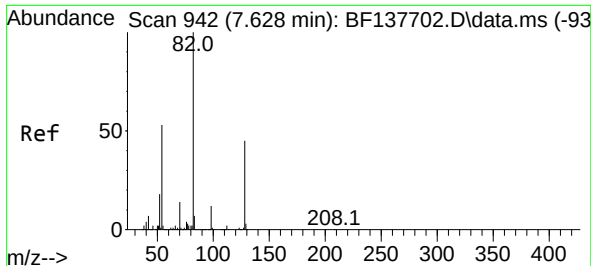
105 100

71 9.3 7.0 10.6

51 26.2 20.5 30.7

120 23.7 19.2 28.8

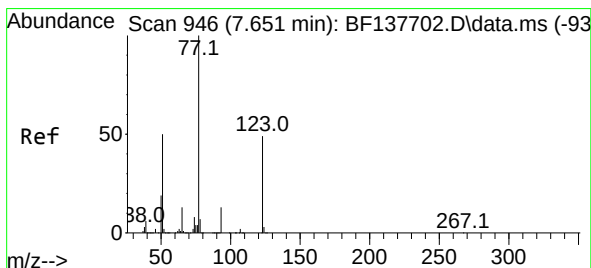
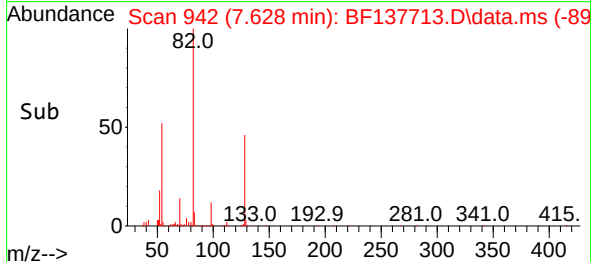
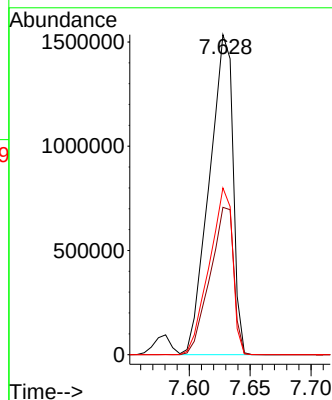
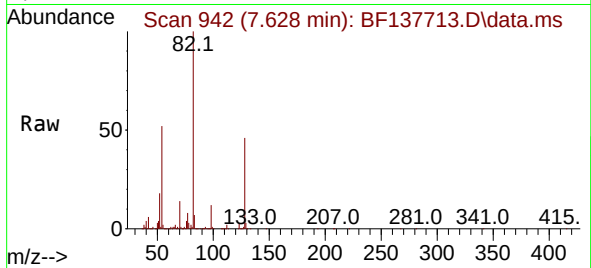




#23
Nitrobenzene-d5
Concen: 85.724 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

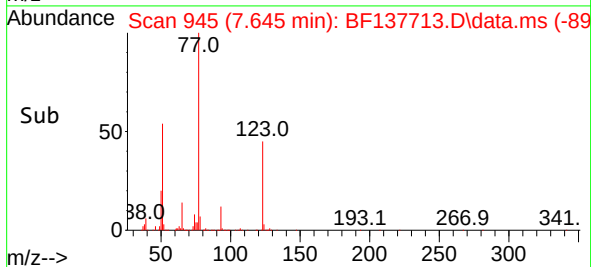
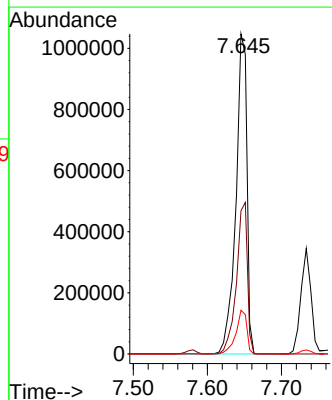
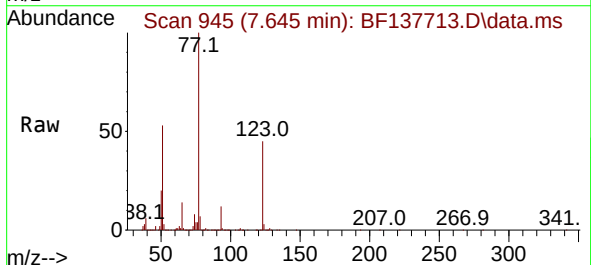
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

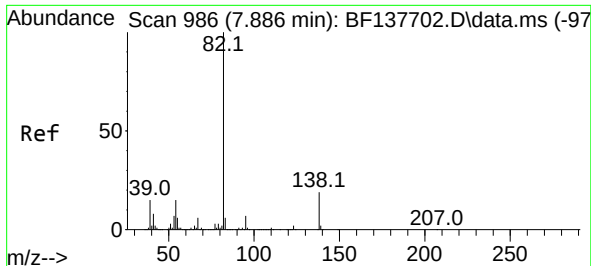
Tgt Ion: 82 Resp: 2076535
Ion Ratio Lower Upper
82 100
128 46.1 35.8 53.6
54 52.1 42.5 63.7



#24
Nitrobenzene
Concen: 44.238 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion: 77 Resp: 1082644
Ion Ratio Lower Upper
77 100
123 44.8 40.4 60.6
65 13.6 10.7 16.1

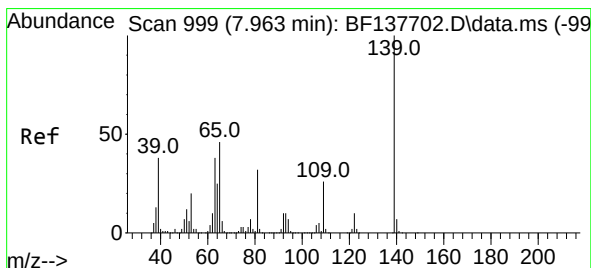
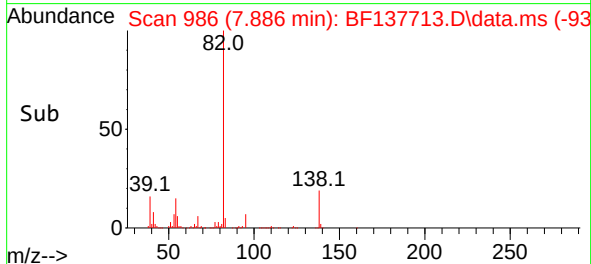
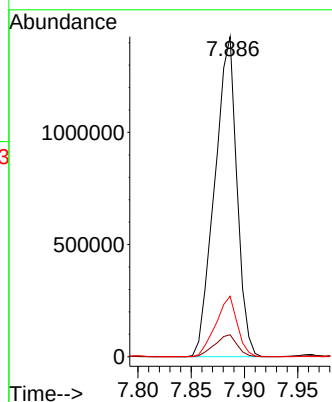
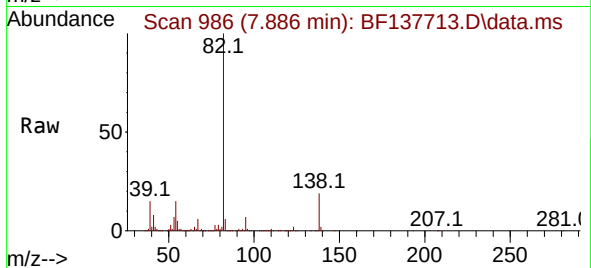




#25
Isophorone
Concen: 45.851 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

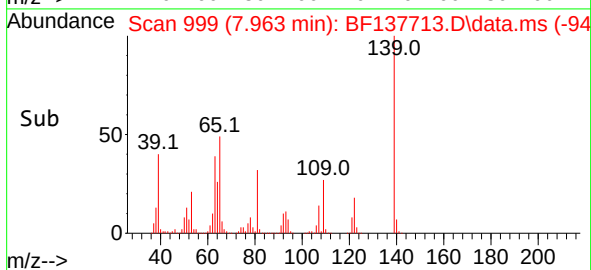
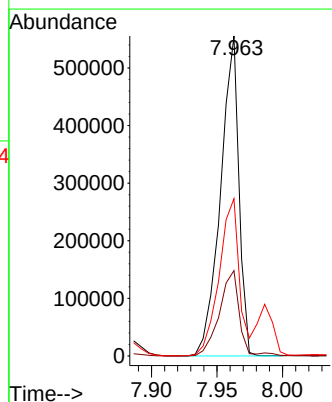
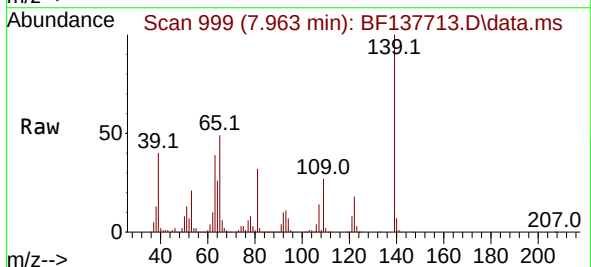
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

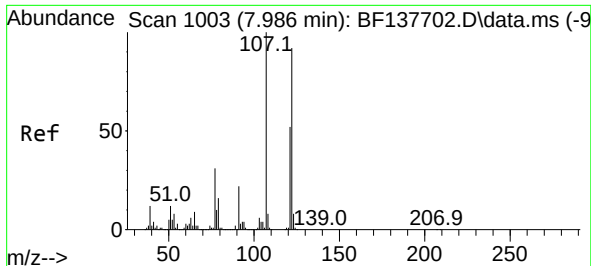
Tgt Ion: 82 Resp: 2062786
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.9 15.3 22.9



#26
2-Nitrophenol
Concen: 50.465 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion:139 Resp: 541986
Ion Ratio Lower Upper
139 100
109 26.7 21.1 31.7
65 49.2 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 46.791 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD

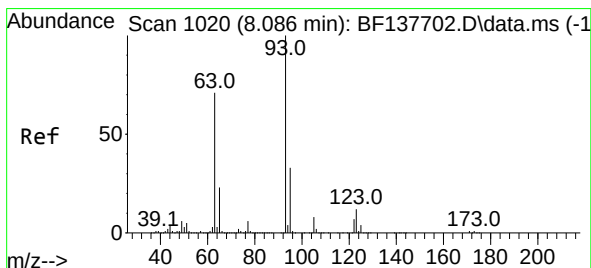
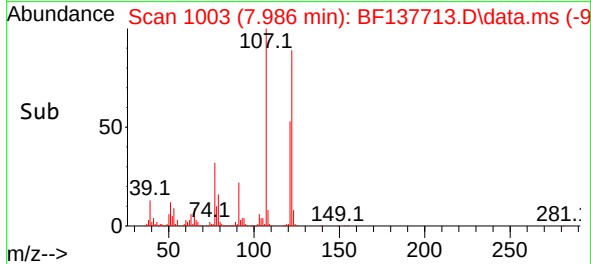
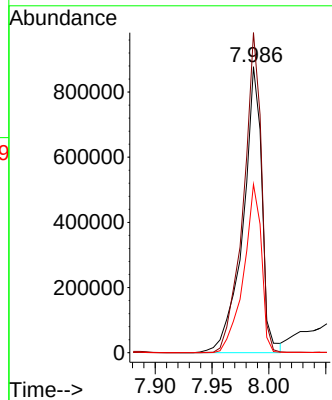
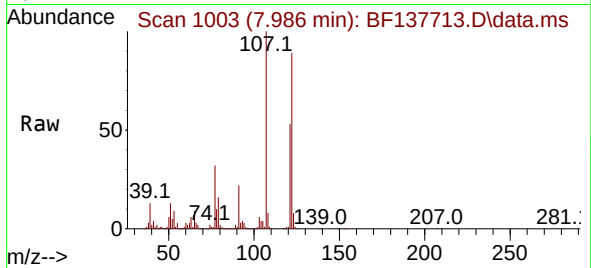
Tgt Ion:122 Resp: 1013830

Ion Ratio Lower Upper

122 100

107 111.9 87.2 130.8

121 58.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.740 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.006 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

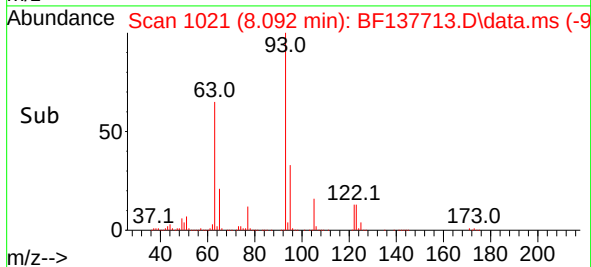
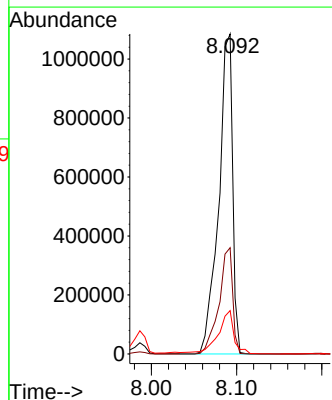
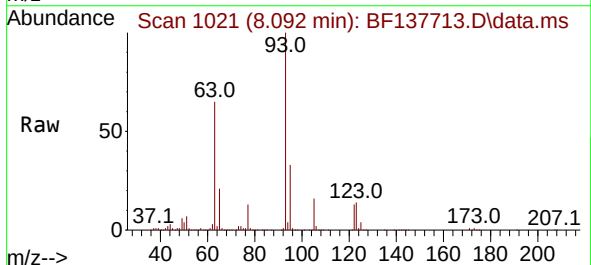
Tgt Ion: 93 Resp: 1229398

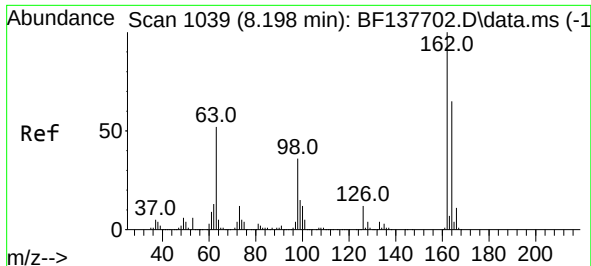
Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

123 13.5 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 46.340 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD

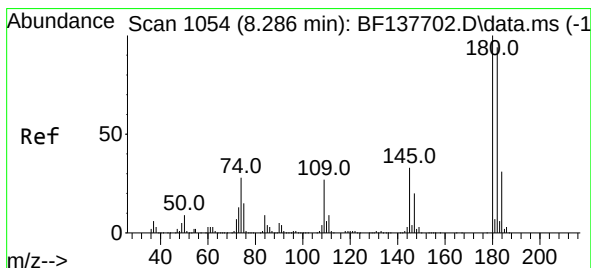
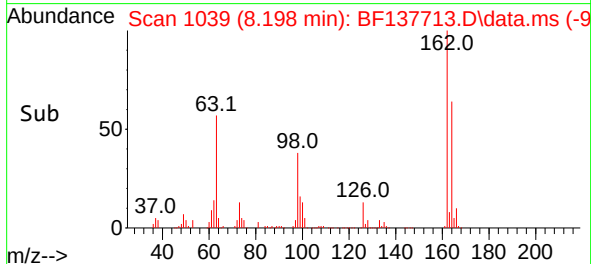
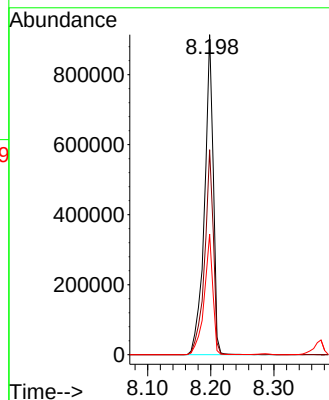
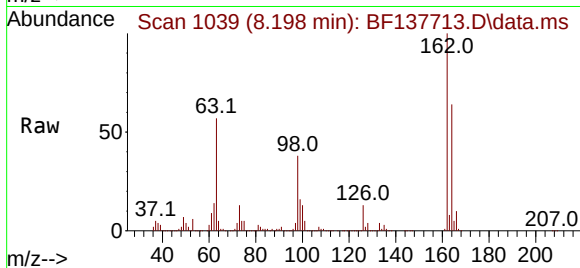
Tgt Ion:162 Resp: 879960

Ion Ratio Lower Upper

162 100

164 64.0 45.2 85.2

98 37.7 15.7 55.7



#30

1,2,4-Trichlorobenzene

Concen: 46.220 ng

RT: 8.286 min Scan# 1054

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

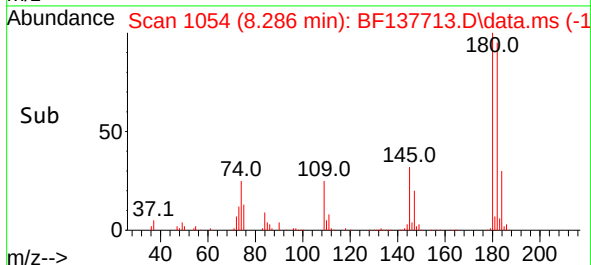
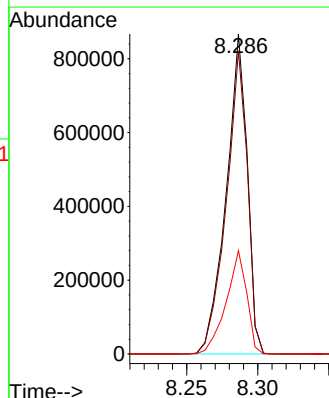
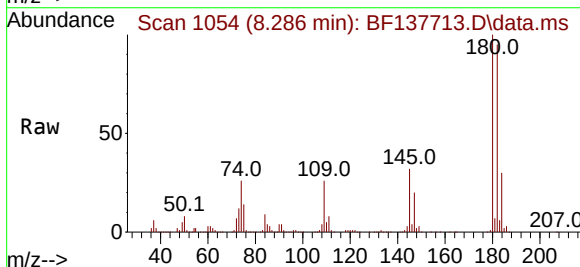
Tgt Ion:180 Resp: 894598

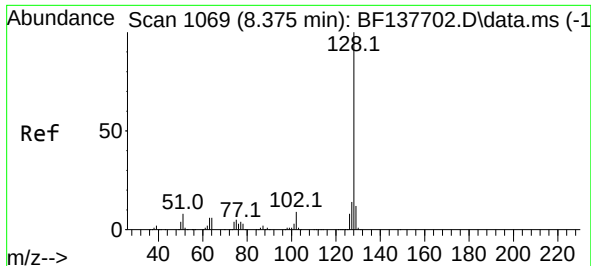
Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.2

145 32.3 26.3 39.5

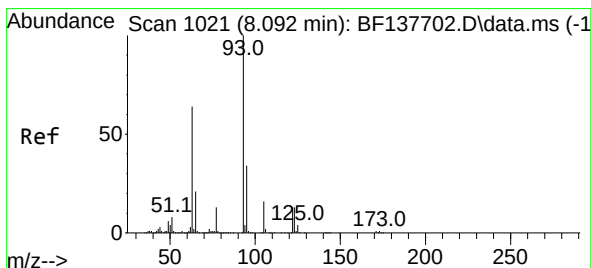
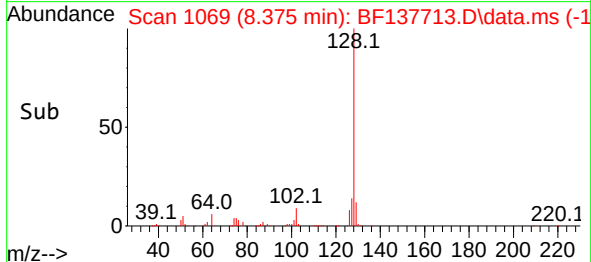
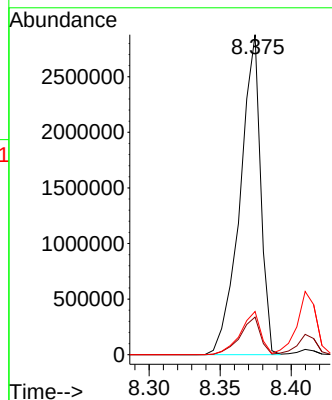
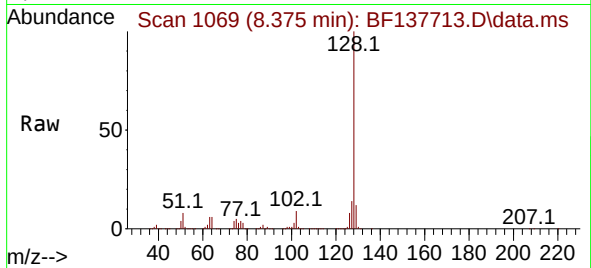




#31
Naphthalene
Concen: 44.228 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

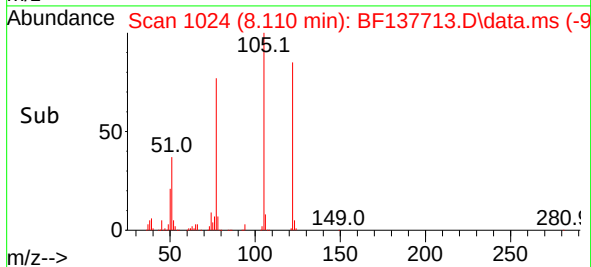
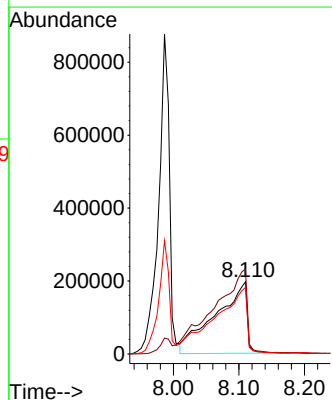
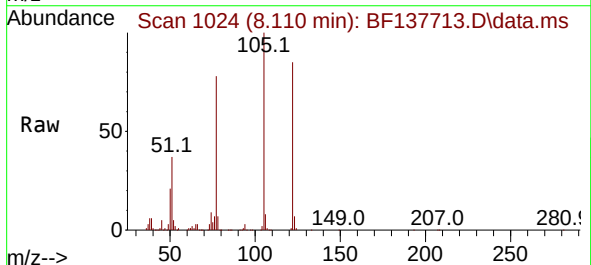
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

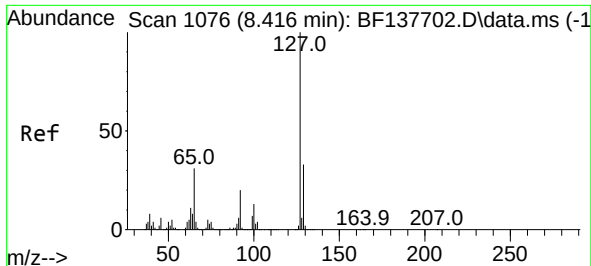
Tgt Ion:128 Resp: 2902125
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.5 11.0 16.6



#32
Benzoic acid
Concen: 47.950 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.018 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion:122 Resp: 657839
Ion Ratio Lower Upper
122 100
105 117.9 101.1 141.1
77 92.1 75.7 115.7

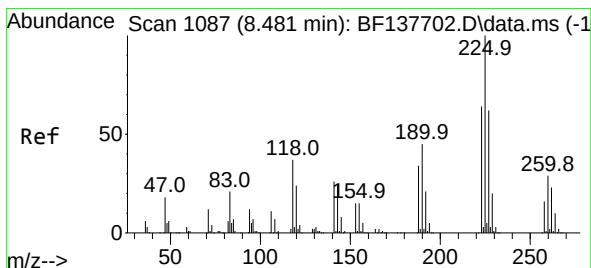
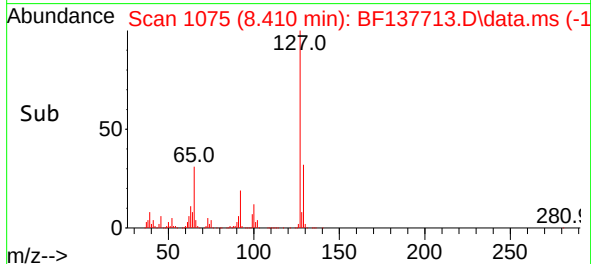
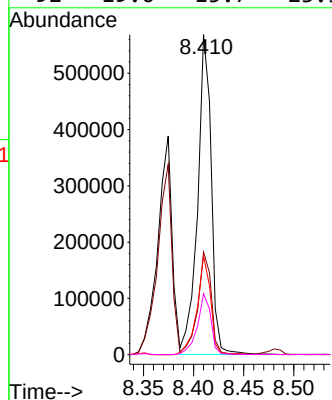
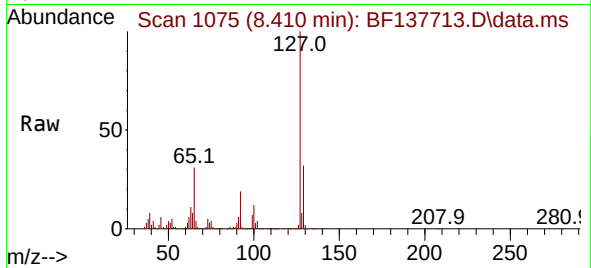




#33
4-Chloroaniline
Concen: 19.434 ng
RT: 8.410 min Scan# 1075
Delta R.T. -0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

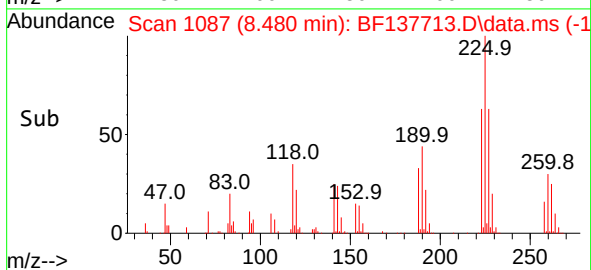
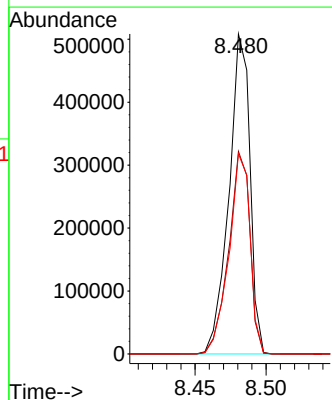
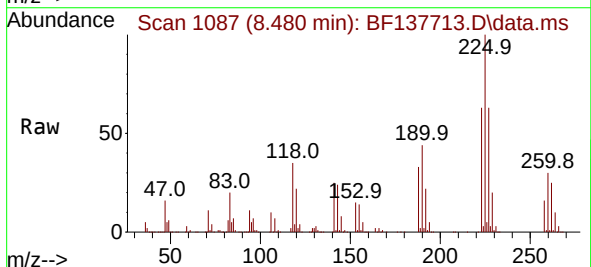
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

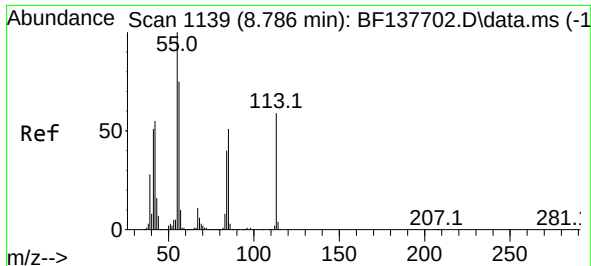
Tgt Ion:	127	Resp:	539763
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.4	39.6
65	30.8	24.6	36.8
92	19.0	15.7	23.5



#34
Hexachlorobutadiene
Concen: 45.119 ng
RT: 8.480 min Scan# 1087
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion:	225	Resp:	523539
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.4	77.0
227	62.5	49.4	74.2

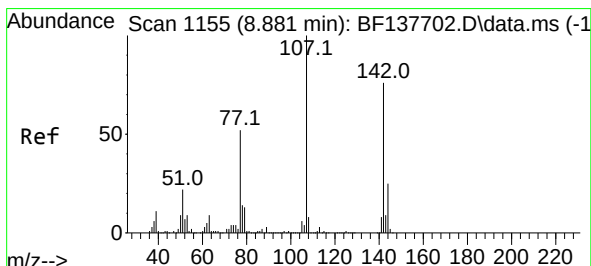
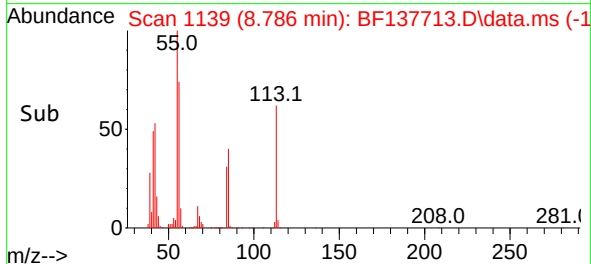
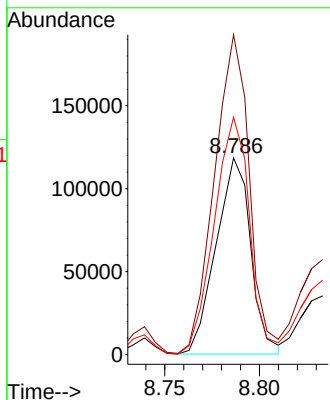
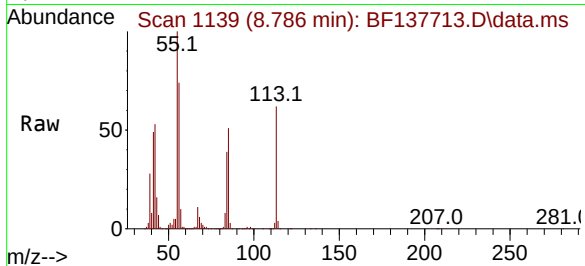




#35
Caprolactam
Concen: 24.471 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

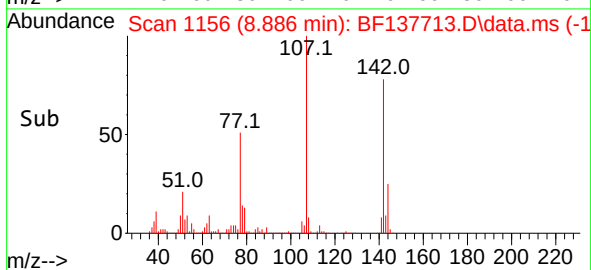
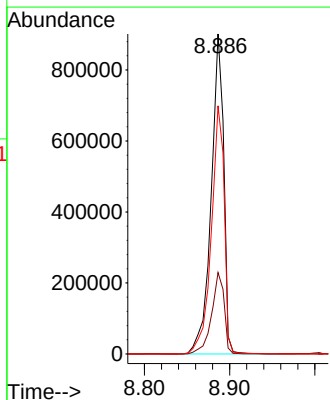
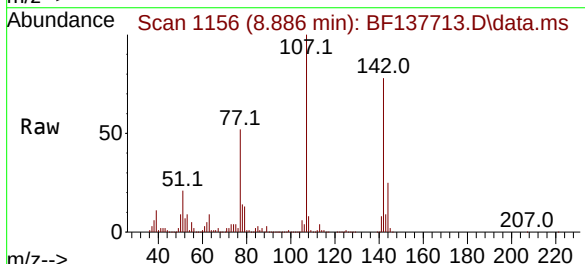
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

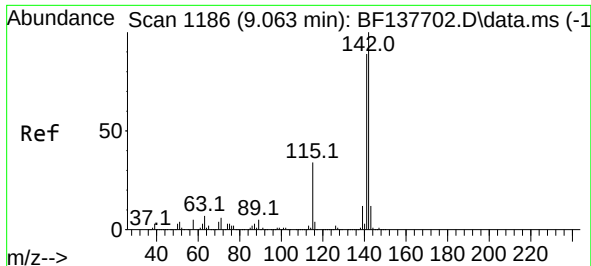
Tgt Ion:113 Resp: 150236
Ion Ratio Lower Upper
113 100
55 162.6 148.7 188.7
56 120.7 107.2 147.2



#36
4-Chloro-3-methylphenol
Concen: 45.823 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion:107 Resp: 922900
Ion Ratio Lower Upper
107 100
144 25.4 19.8 29.8
142 77.5 60.5 90.7





#37

2-Methylnaphthalene

Concen: 43.087 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

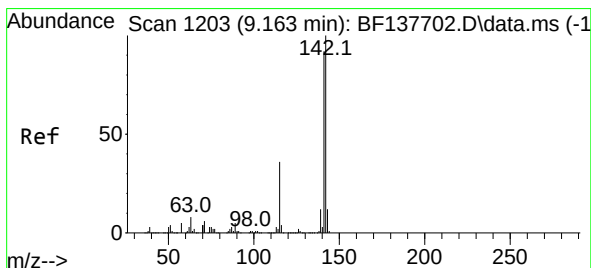
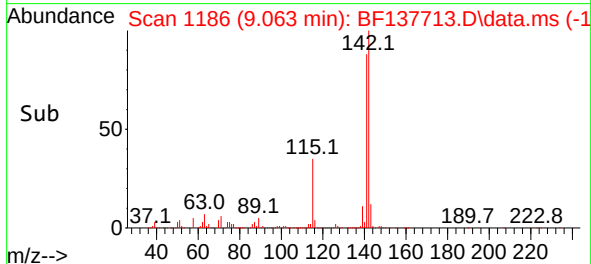
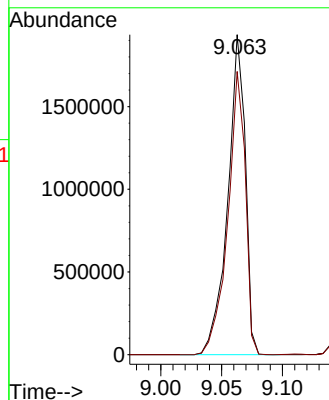
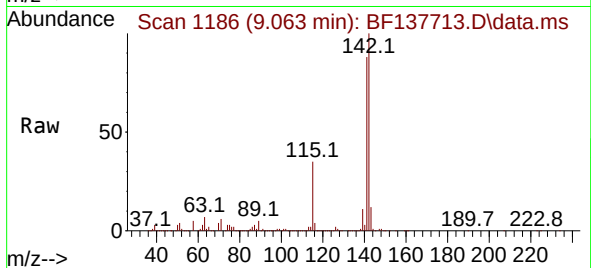
PB160276BSD

Tgt Ion:142 Resp: 1940498

Ion Ratio Lower Upper

142 100

141 88.5 71.2 106.8



#38

1-Methylnaphthalene

Concen: 43.287 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF137713.D

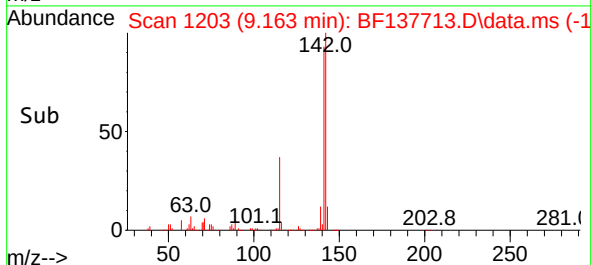
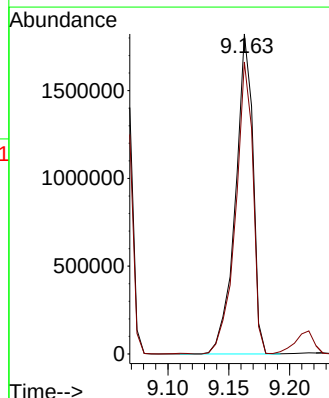
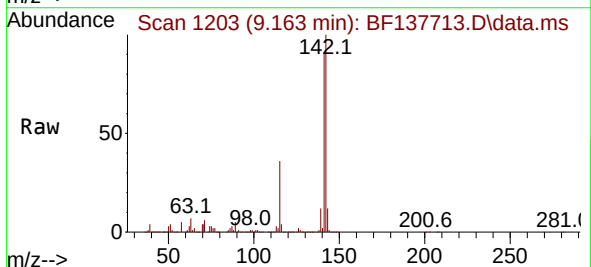
Acq: 24 Apr 2024 12:07

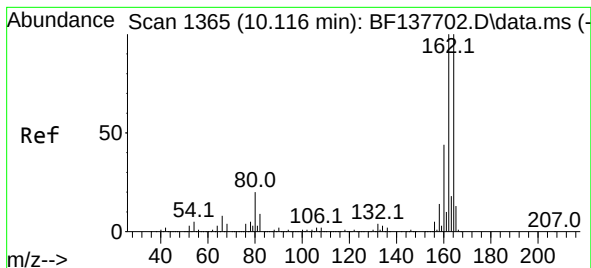
Tgt Ion:142 Resp: 1822706

Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.116 min Scan# 1365

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD

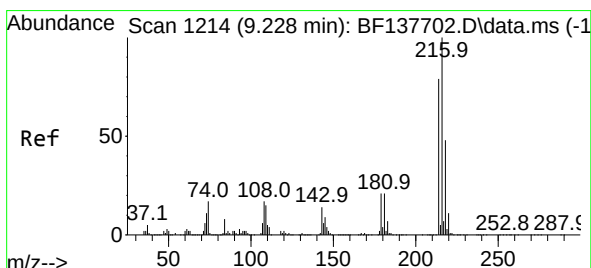
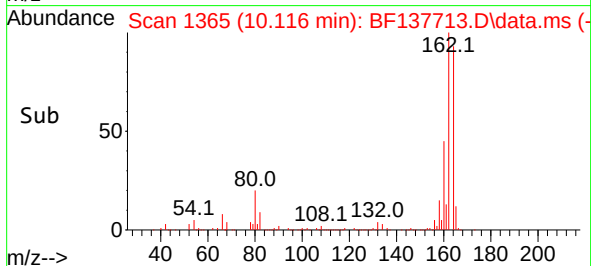
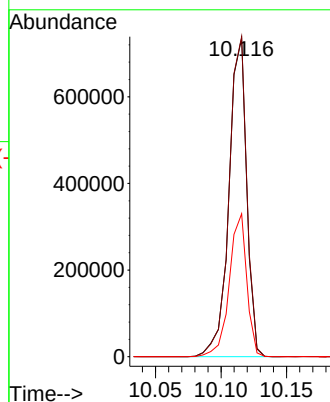
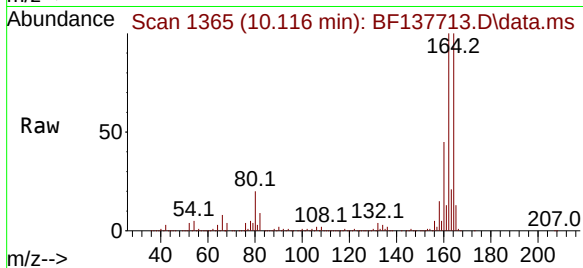
Tgt Ion:164 Resp: 692262

Ion Ratio Lower Upper

164 100

162 100.5 80.3 120.5

160 44.8 35.0 52.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.790 ng

RT: 9.227 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Tgt Ion:216 Resp: 869030

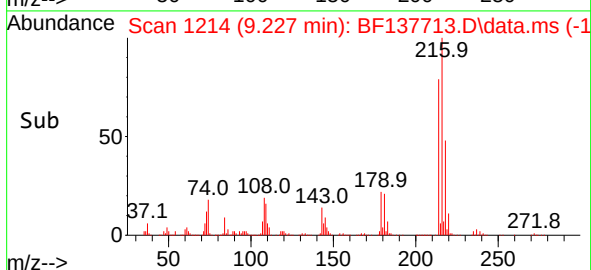
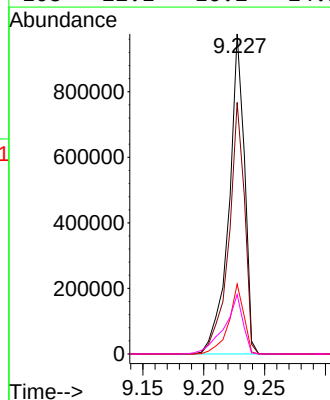
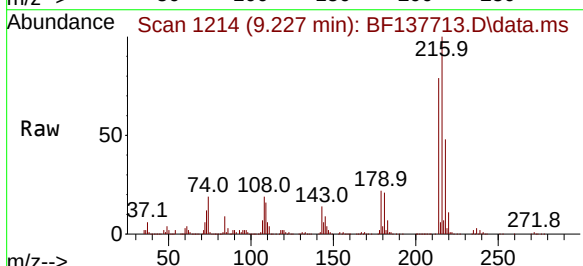
Ion Ratio Lower Upper

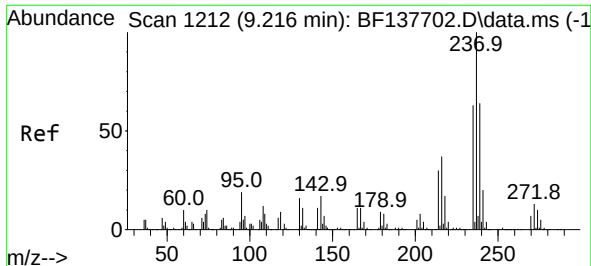
216 100

214 79.0 63.4 95.0

179 21.1 17.1 25.7

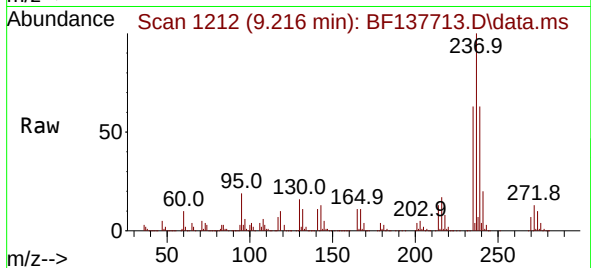
108 22.1 16.2 24.2



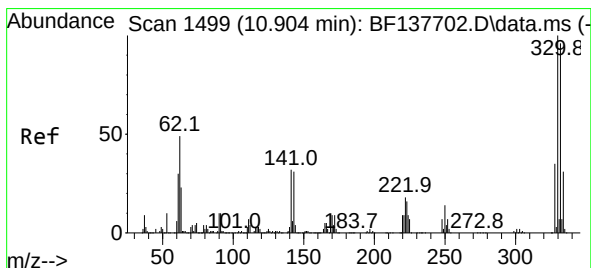
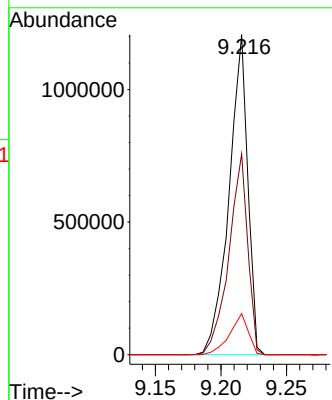
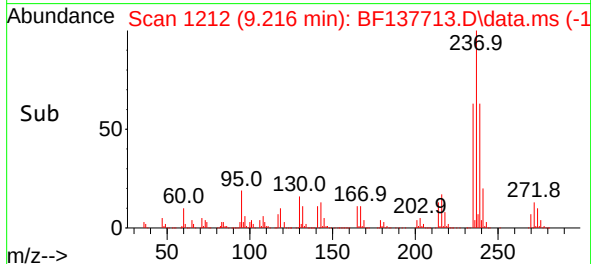


#41
Hexachlorocyclopentadiene
Concen: 113.034 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

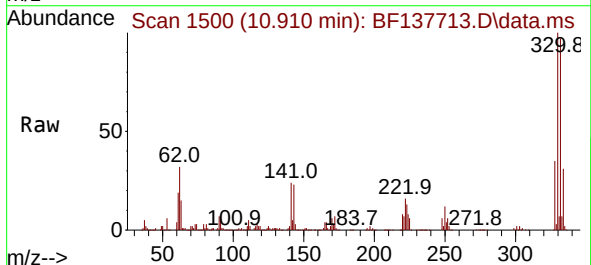
Instrument :
BNA_F
ClientSampleId :
PB160276BSD



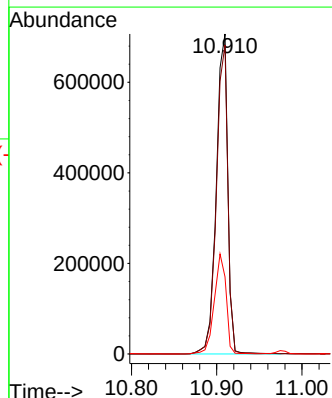
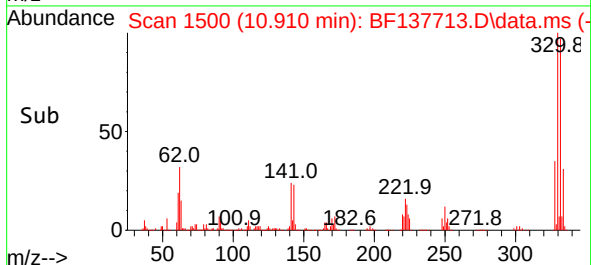
Tgt Ion:237 Resp: 1201990
Ion Ratio Lower Upper
237 100
235 62.7 42.9 82.9
272 12.8 0.0 33.1

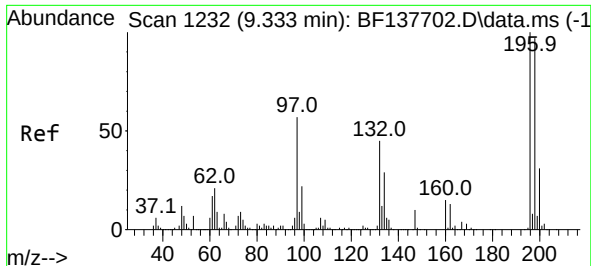


#42
2,4,6-Tribromophenol
Concen: 94.785 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07



Tgt Ion:330 Resp: 662115
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 32.1 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 48.973 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD

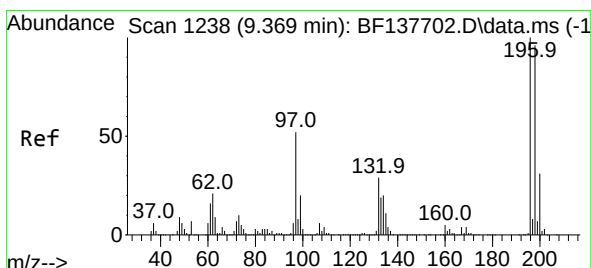
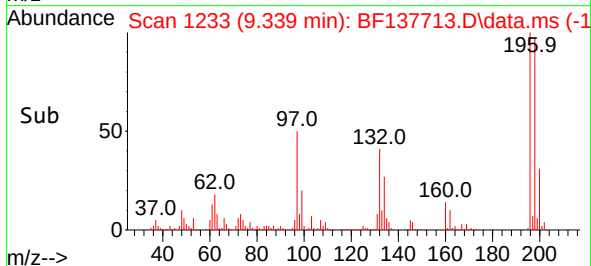
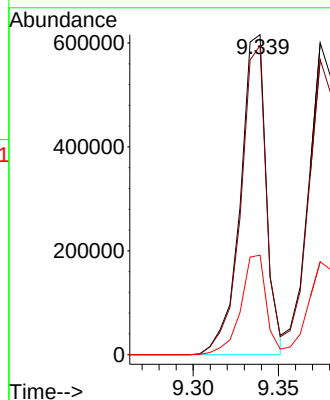
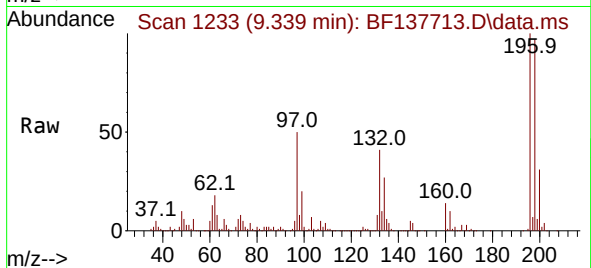
Tgt Ion:196 Resp: 652032

Ion Ratio Lower Upper

196 100

198 96.6 77.8 116.6

200 31.1 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 44.652 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.006 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Tgt Ion:196 Resp: 681317

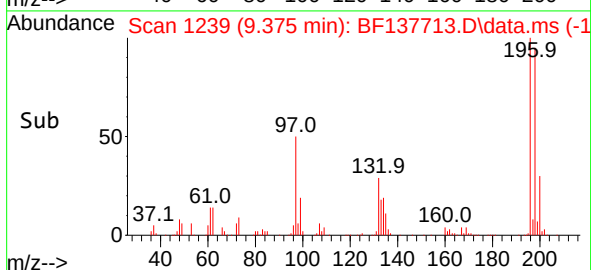
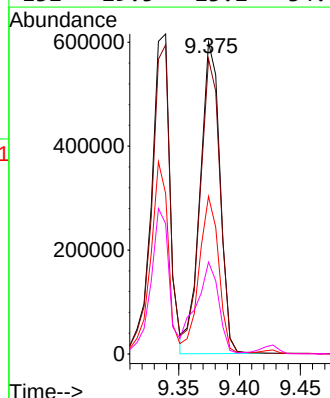
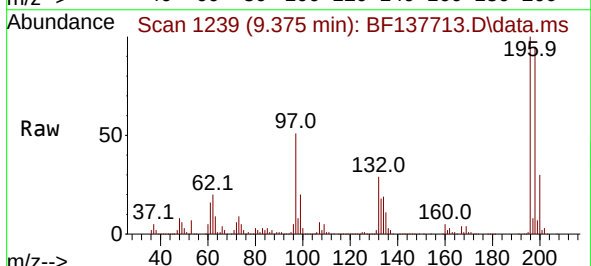
Ion Ratio Lower Upper

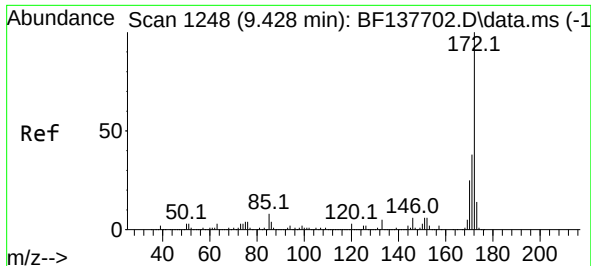
196 100

198 94.6 77.2 115.8

97 50.5 41.8 62.8

132 29.5 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 83.753 ng

RT: 9.427 min Scan# 1

Delta R.T. -0.001 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD

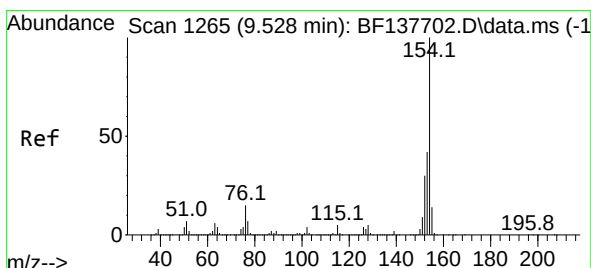
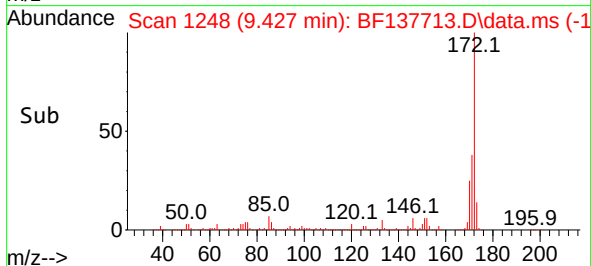
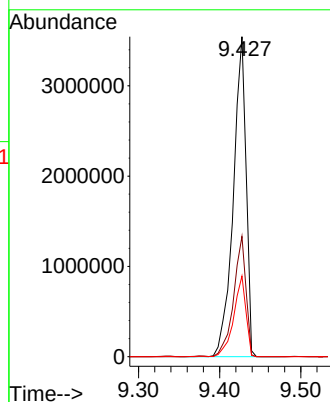
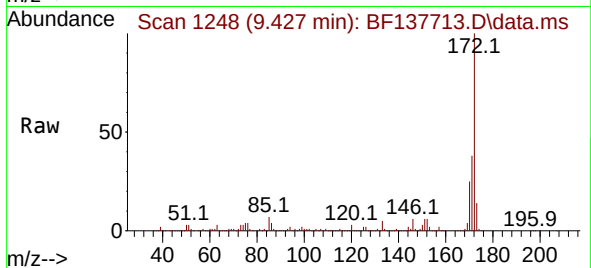
Tgt Ion:172 Resp: 3880264

Ion Ratio Lower Upper

172 100

171 37.6 30.2 45.4

170 25.2 20.2 30.4



#46

1,1'-Biphenyl

Concen: 45.973 ng

RT: 9.527 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

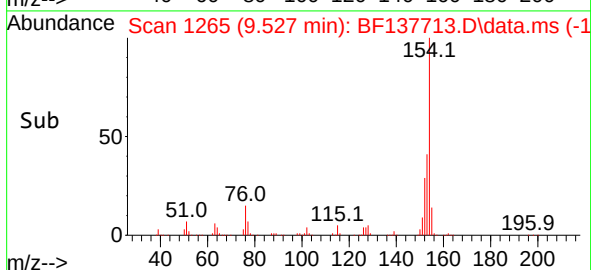
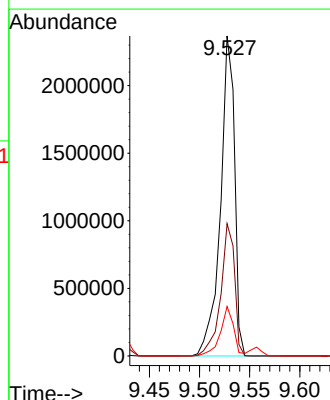
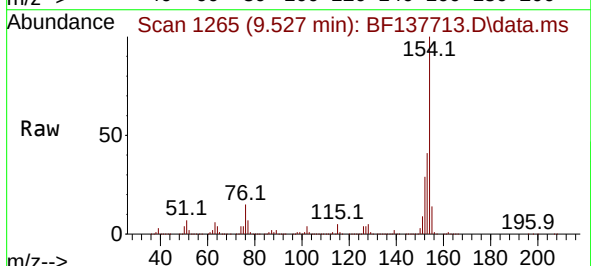
Tgt Ion:154 Resp: 2315218

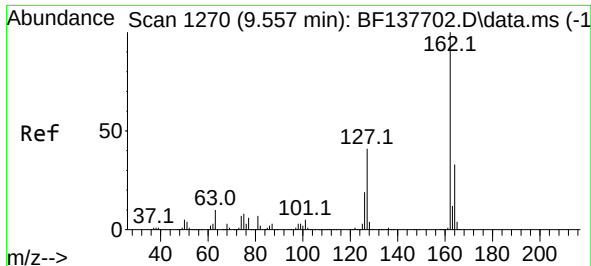
Ion Ratio Lower Upper

154 100

153 41.3 21.9 61.9

76 15.5 0.0 35.3

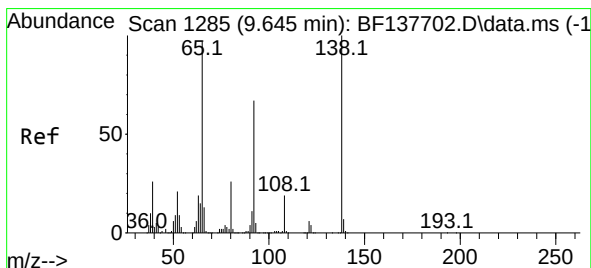
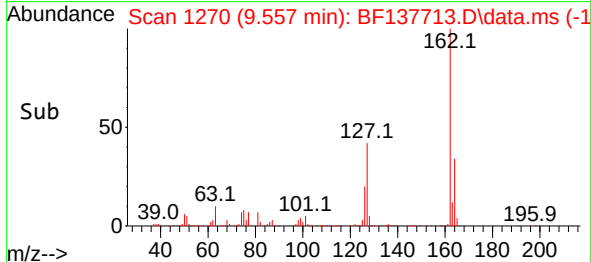
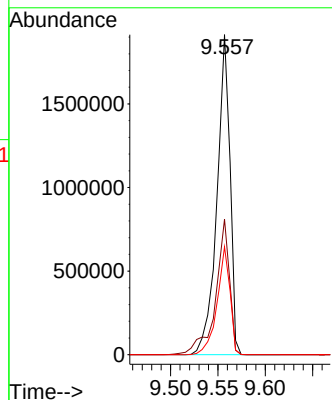
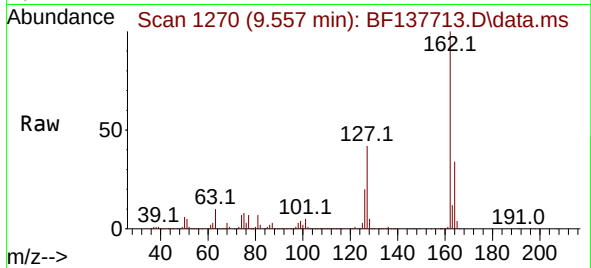




#47
2-Chloronaphthalene
Concen: 47.236 ng
RT: 9.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

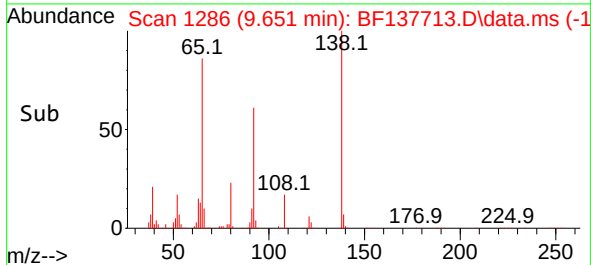
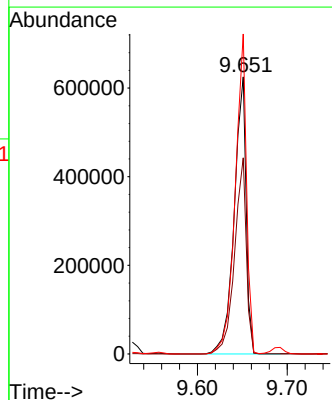
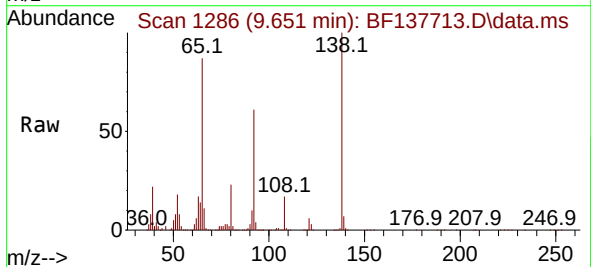
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

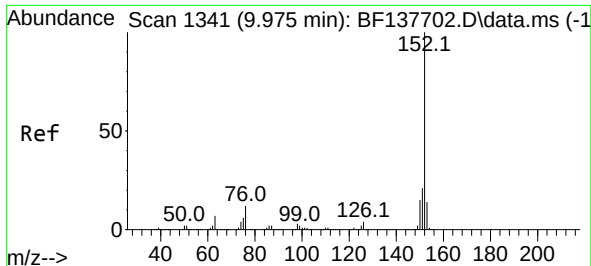
Tgt Ion:162 Resp: 1833740
Ion Ratio Lower Upper
162 100
127 42.4 33.1 49.7
164 33.7 26.5 39.7



#48
2-Nitroaniline
Concen: 48.922 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion: 65 Resp: 578728
Ion Ratio Lower Upper
65 100
92 70.8 54.9 82.3
138 115.5 82.4 123.6





#49

Acenaphthylene

Concen: 45.701 ng

RT: 9.974 min Scan# 1341

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD

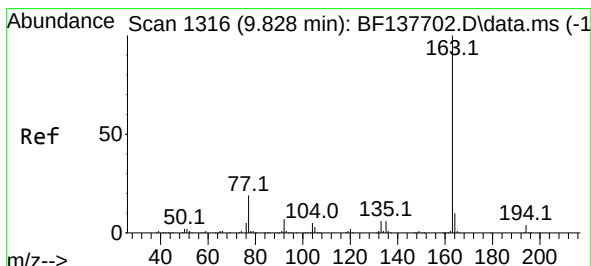
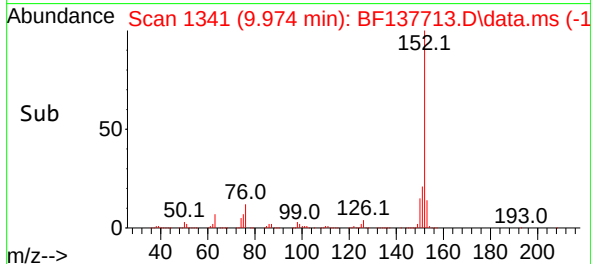
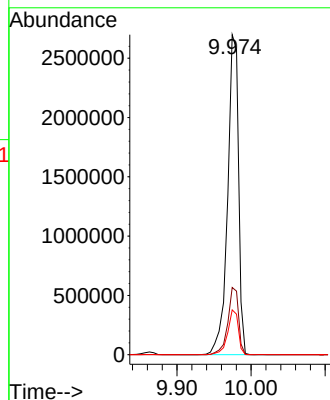
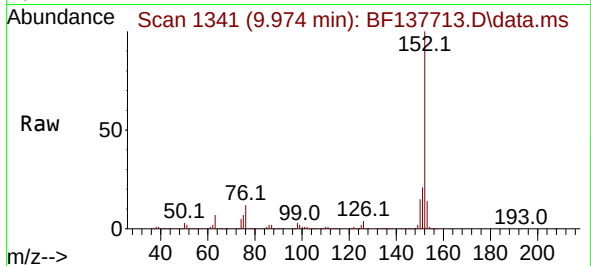
Tgt Ion:152 Resp: 2766734

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

153 14.0 11.0 16.4



#50

Dimethylphthalate

Concen: 46.066 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

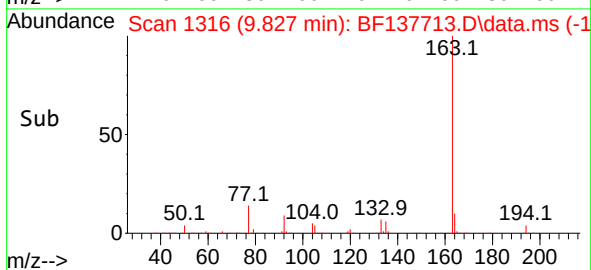
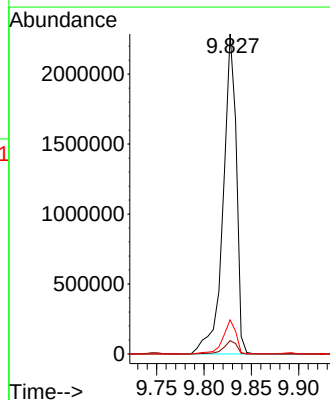
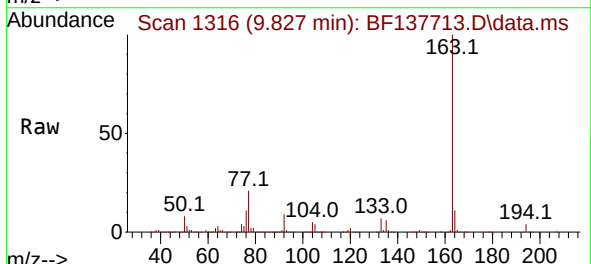
Tgt Ion:163 Resp: 2221854

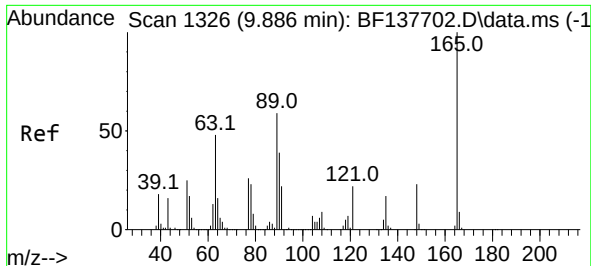
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.7 8.2 12.2

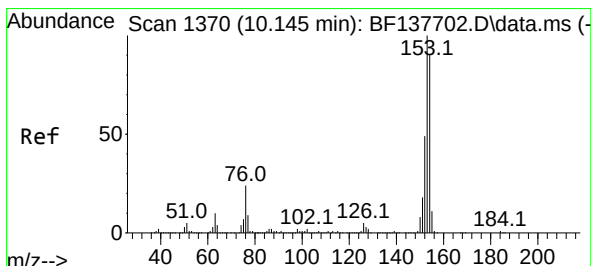
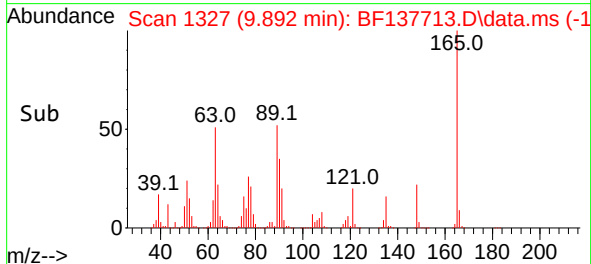
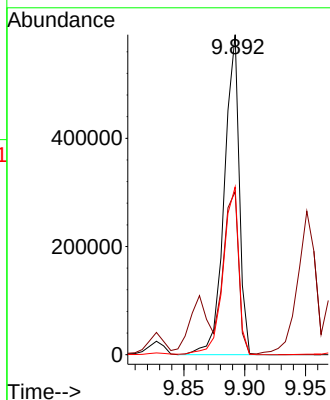
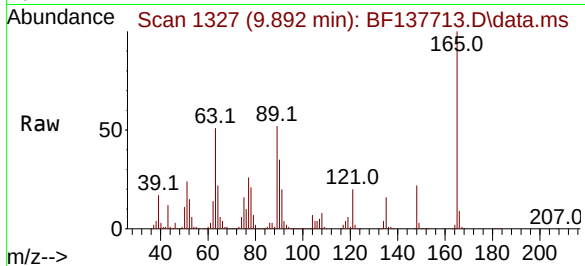




#51
2,6-Dinitrotoluene
Concen: 49.774 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

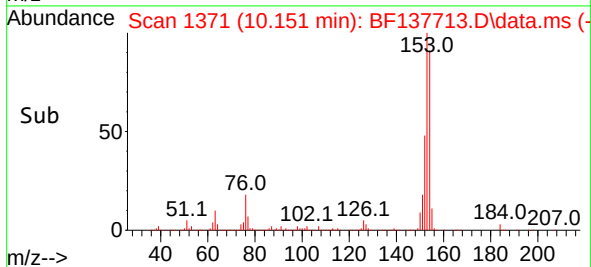
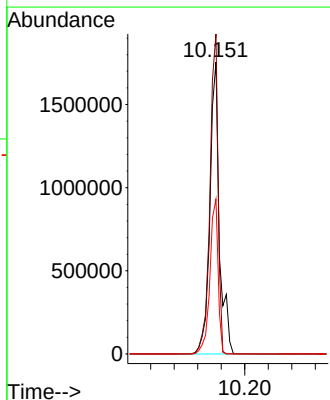
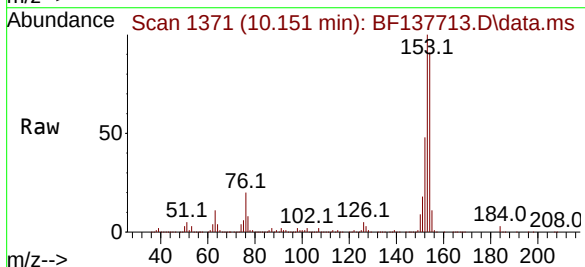
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

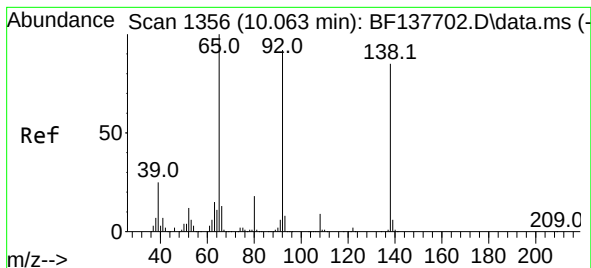
Tgt Ion:165 Resp: 505816
Ion Ratio Lower Upper
165 100
63 51.0 47.7 71.5
89 52.4 47.3 70.9



#52
Acenaphthene
Concen: 50.250 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion:154 Resp: 1969821
Ion Ratio Lower Upper
154 100
153 109.6 88.5 132.7
152 53.0 43.3 64.9

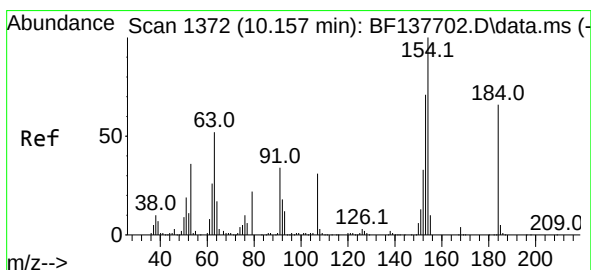
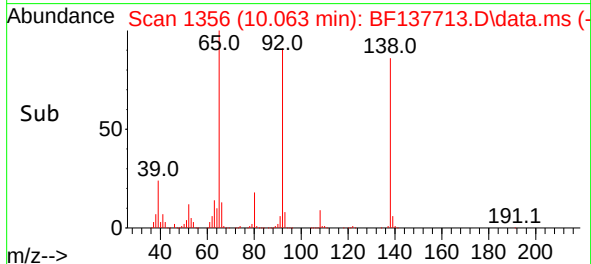
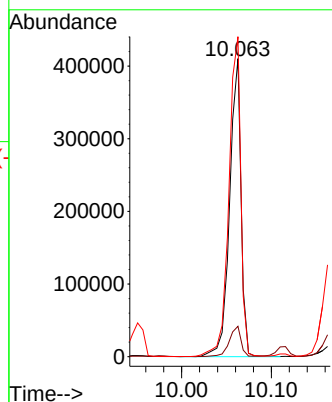
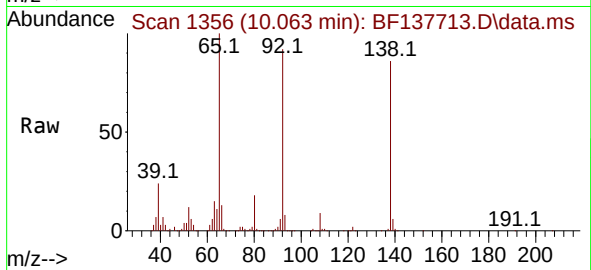




#53
3-Nitroaniline
Concen: 31.755 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

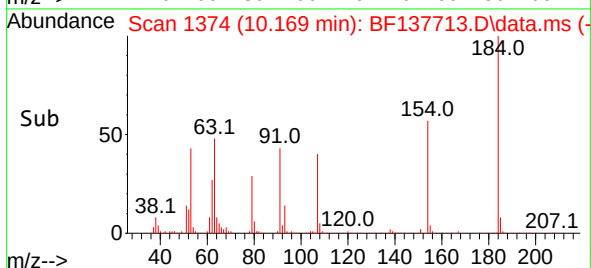
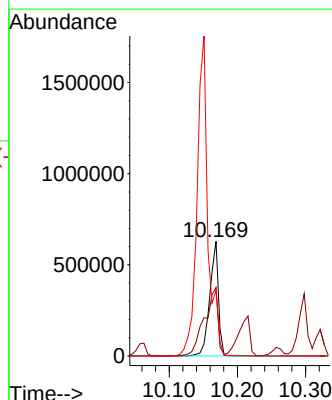
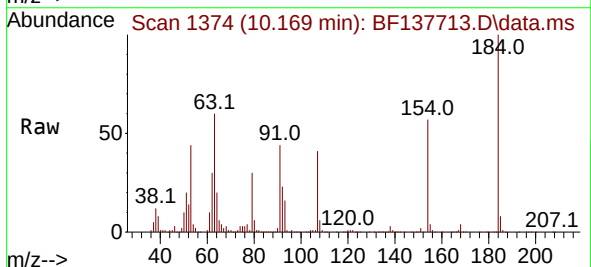
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

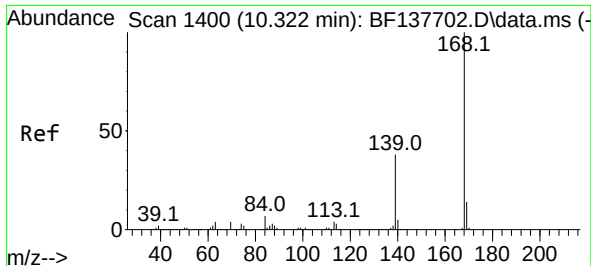
Tgt Ion:138 Resp: 362647
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 107.4 86.9 130.3



#54
2,4-Dinitrophenol
Concen: 101.621 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

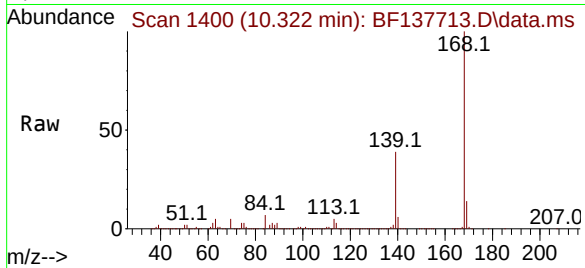
Tgt Ion:184 Resp: 557452
Ion Ratio Lower Upper
184 100
63 59.8 63.5 95.3#
154 57.0 123.0 184.6#



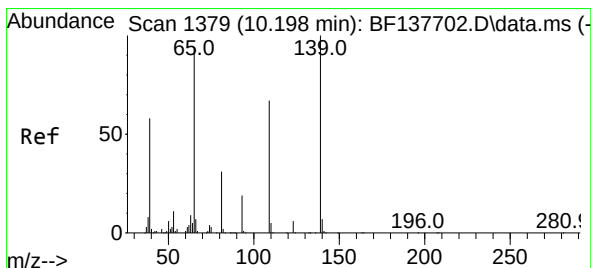
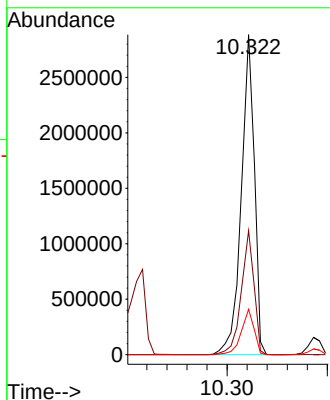
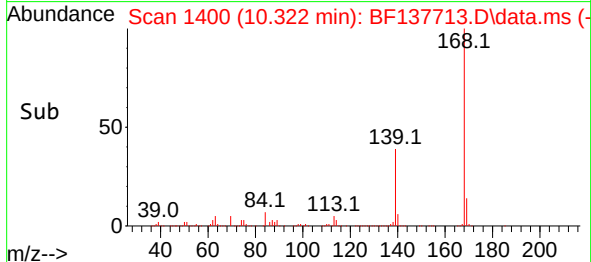


#55
Dibenzofuran
Concen: 45.659 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

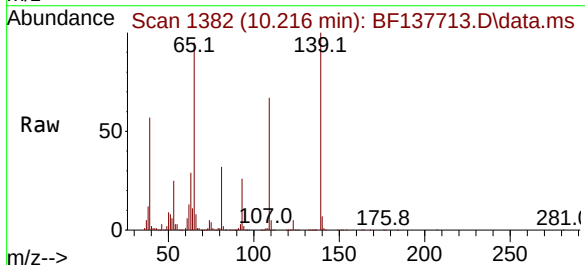
Instrument :
BNA_F
ClientSampleId :
PB160276BSD



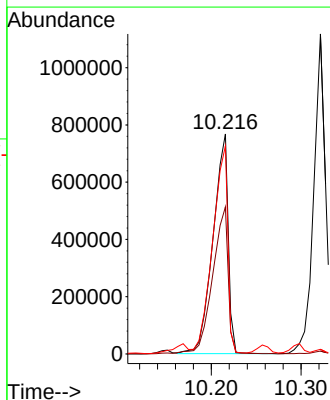
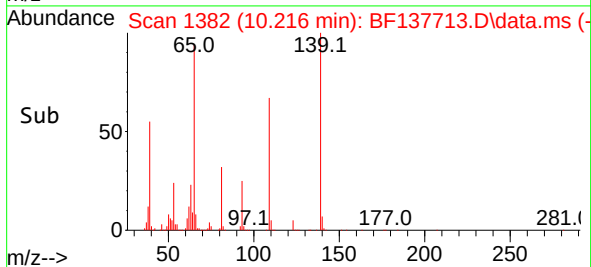
Tgt Ion:168 Resp: 2623659
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 14.2 10.9 16.3

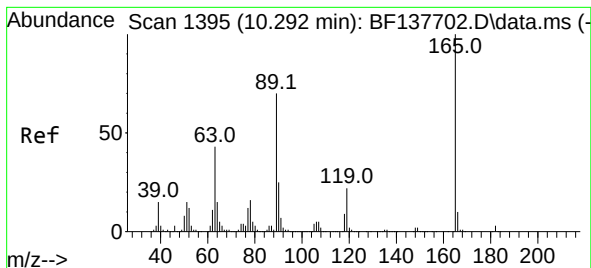


#56
4-Nitrophenol
Concen: 101.186 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.018 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07



Tgt Ion:139 Resp: 898642
Ion Ratio Lower Upper
139 100
109 66.8 46.9 86.9
65 94.6 75.8 115.8

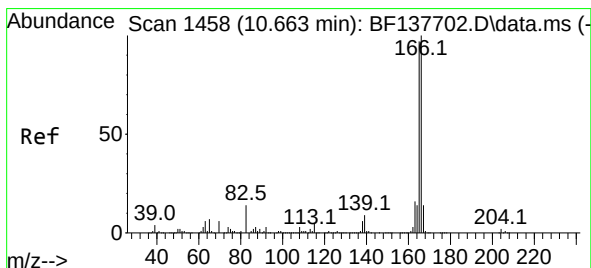
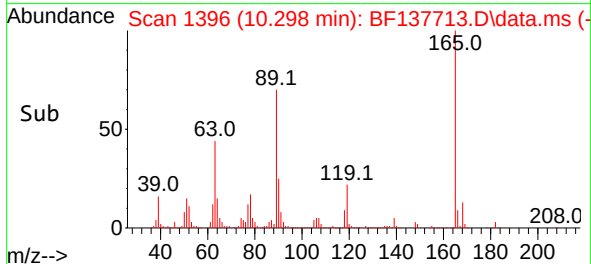
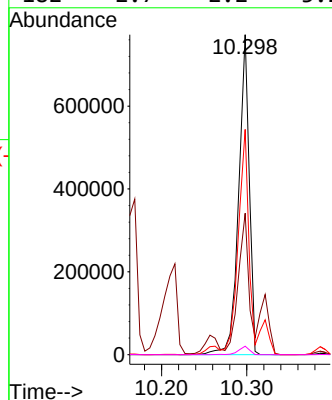
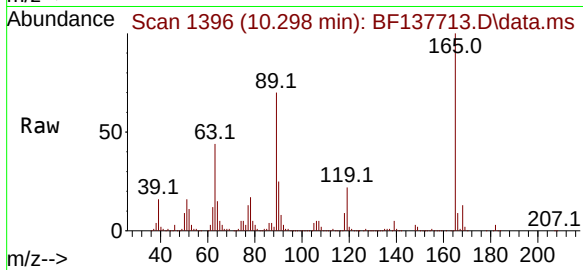




#57
2,4-Dinitrotoluene
Concen: 52.100 ng
RT: 10.298 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

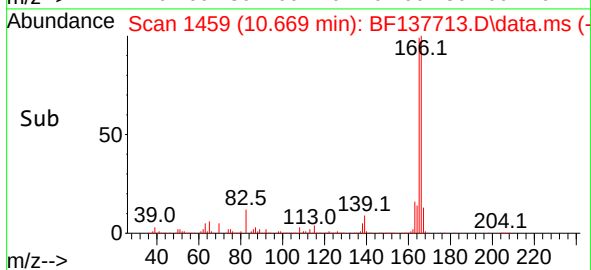
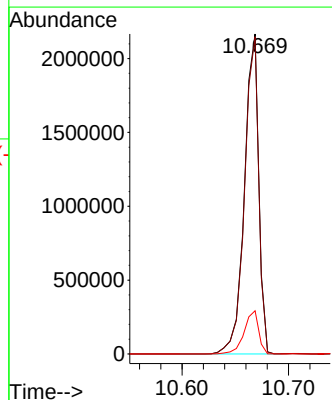
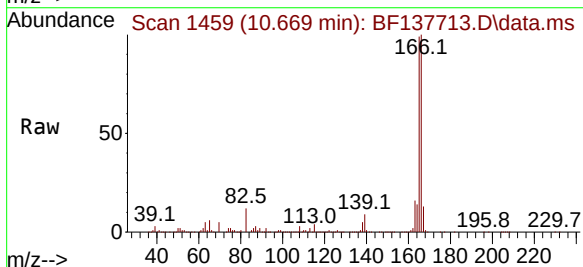
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

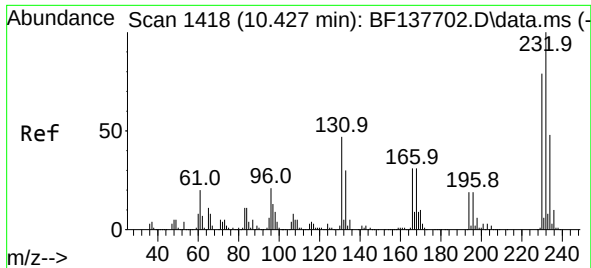
Tgt Ion:165 Resp: 667474
Ion Ratio Lower Upper
165 100
63 44.2 34.1 51.1
89 70.4 56.4 84.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 45.252 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion:166 Resp: 2031800
Ion Ratio Lower Upper
166 100
165 99.1 77.8 116.6
167 13.5 10.8 16.2

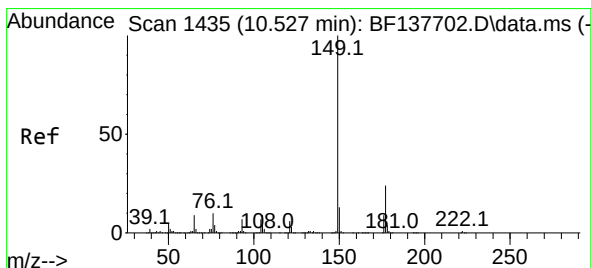
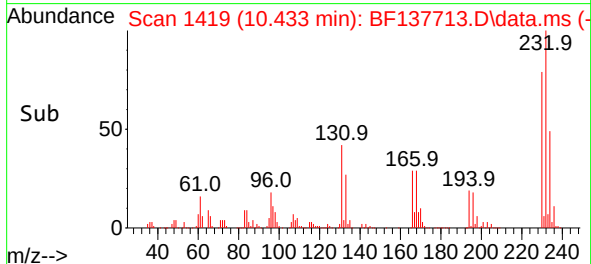
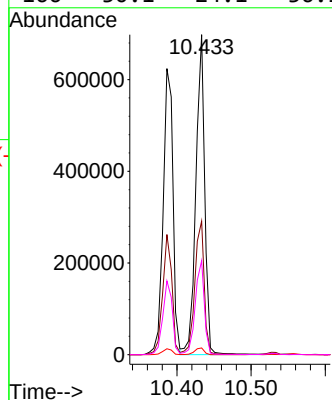
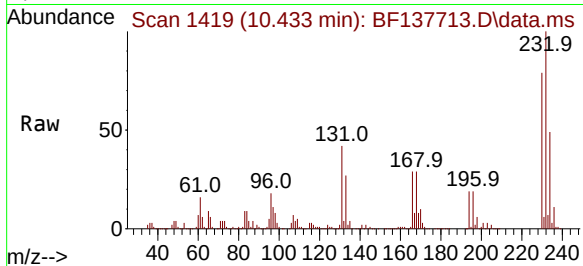




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.922 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

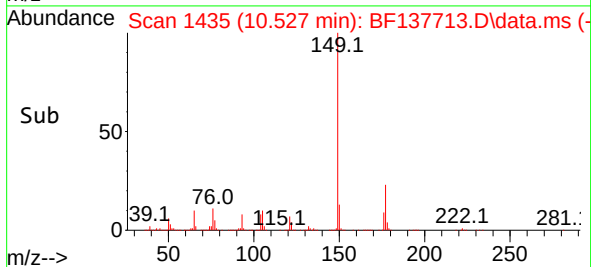
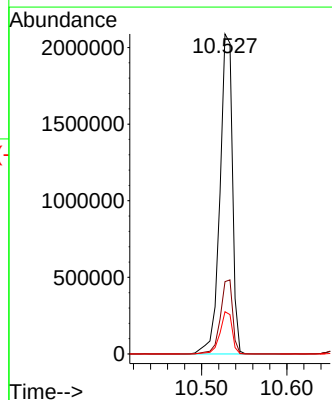
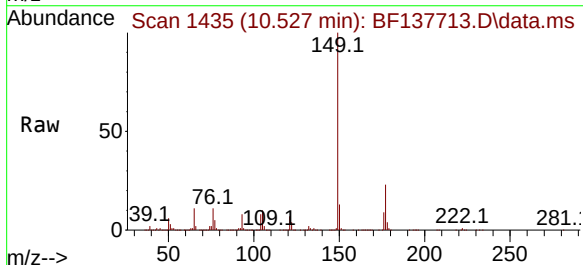
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

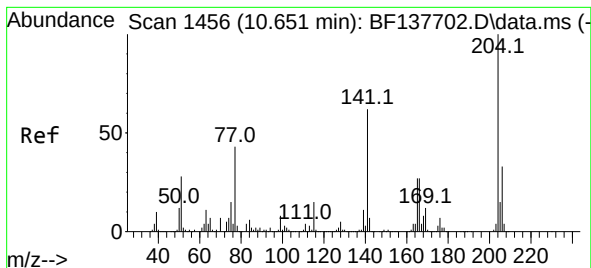
Tgt Ion:232 Resp: 578012
Ion Ratio Lower Upper
232 100
131 44.1 36.4 54.6
130 2.3 1.8 2.6
166 30.1 24.1 36.1



#60
Diethylphthalate
Concen: 45.975 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion:149 Resp: 2132791
Ion Ratio Lower Upper
149 100
177 22.6 19.0 28.4
150 13.2 10.2 15.2

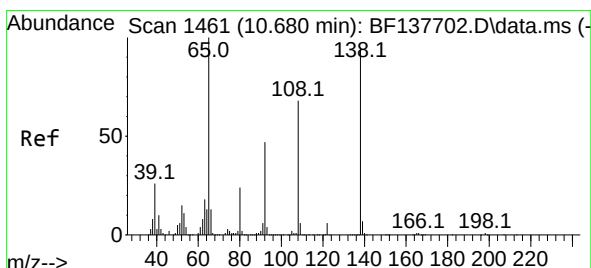
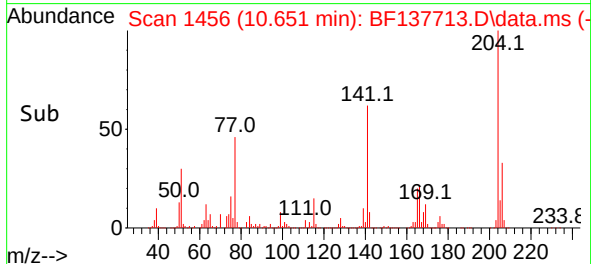
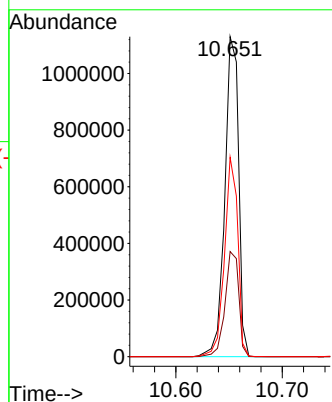
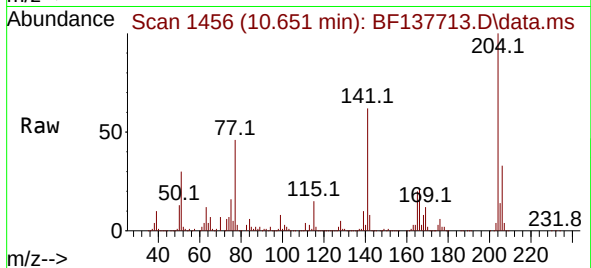




#61
4-Chlorophenyl-phenylether
Concen: 45.678 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

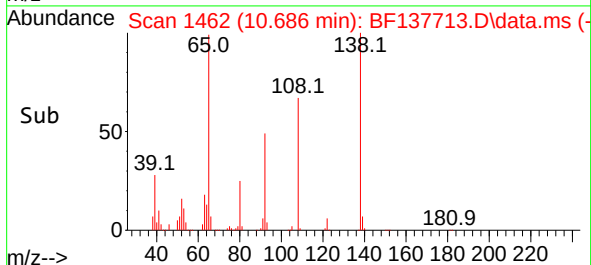
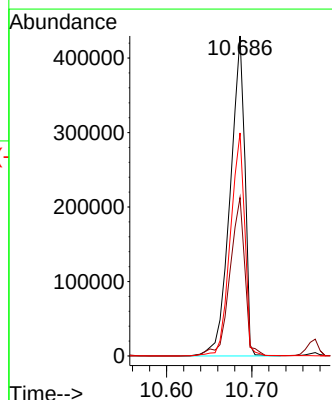
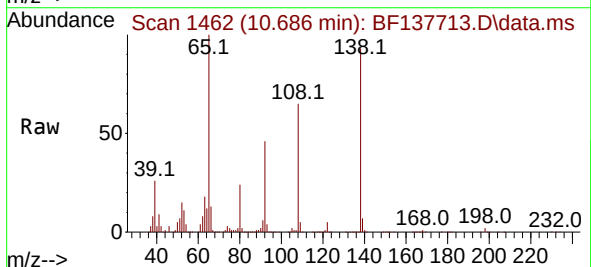
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

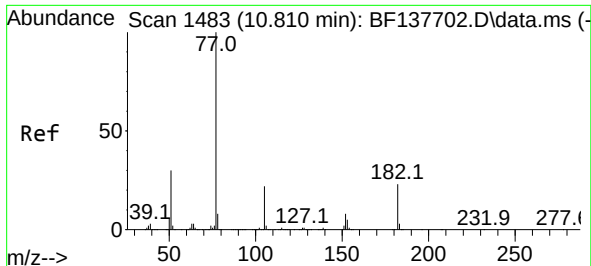
Tgt Ion:204 Resp: 1013380
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 62.3 49.4 74.2



#62
4-Nitroaniline
Concen: 47.410 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion:138 Resp: 515706
Ion Ratio Lower Upper
138 100
92 49.5 29.8 69.8
108 69.7 51.1 91.1



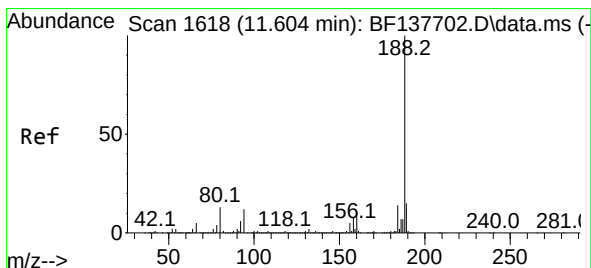
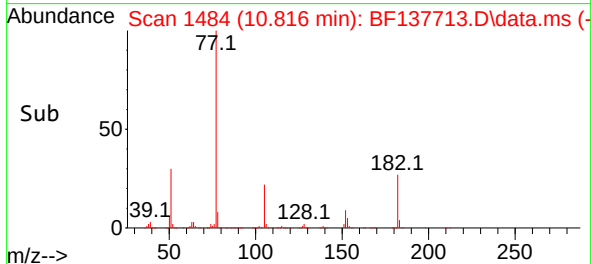
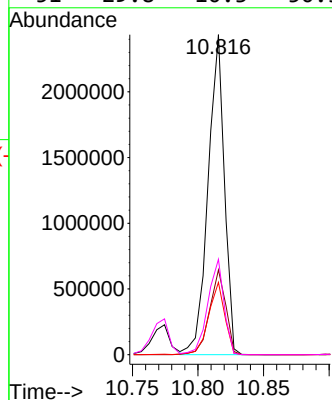
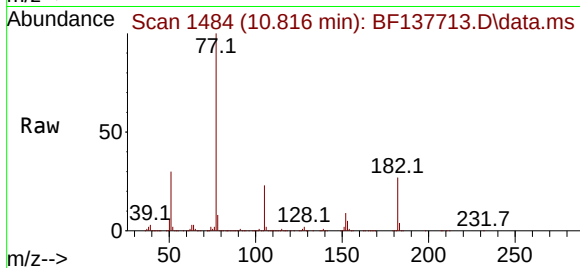


#63
Azobenzene
Concen: 44.423 ng
RT: 10.816 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Instrument :
BNA_F
ClientSampleId :
PB160276BSD

Tgt Ion: 77 Resp: 2111729

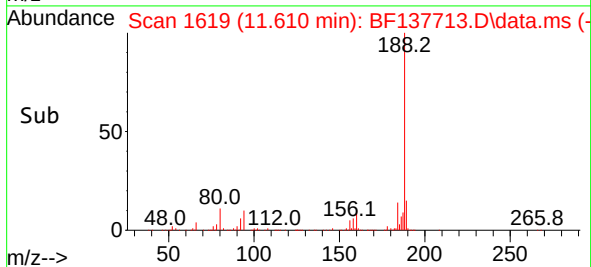
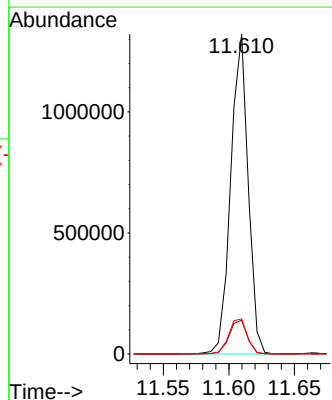
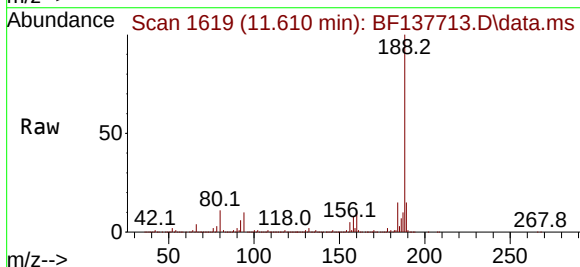
Ion	Ratio	Lower	Upper
77	100		
182	26.5	3.1	43.1
105	22.6	1.6	41.6
51	29.8	10.3	50.3

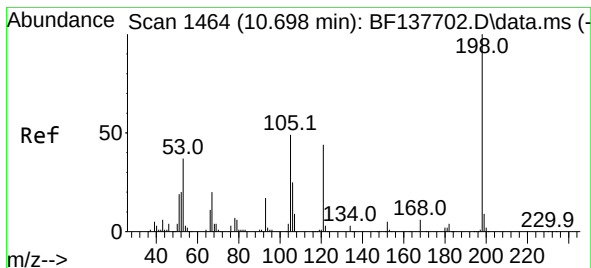


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion: 188 Resp: 1216214

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.9	10.2	15.4

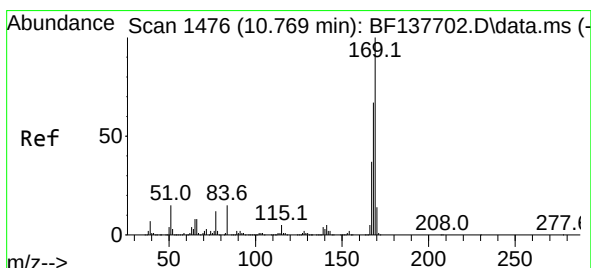
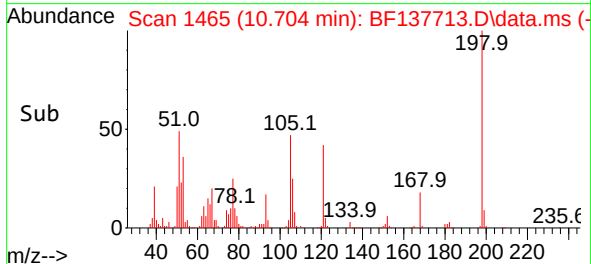
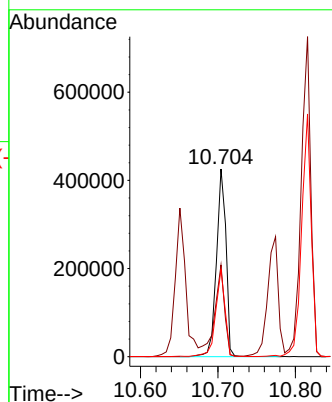
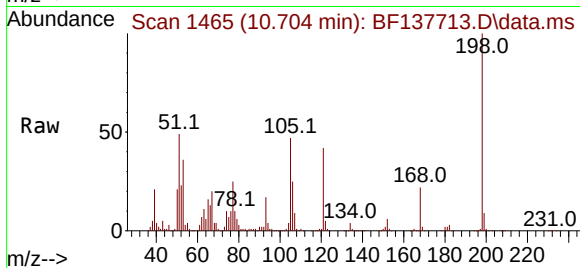




#65
4,6-Dinitro-2-methylphenol
Concen: 52.250 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

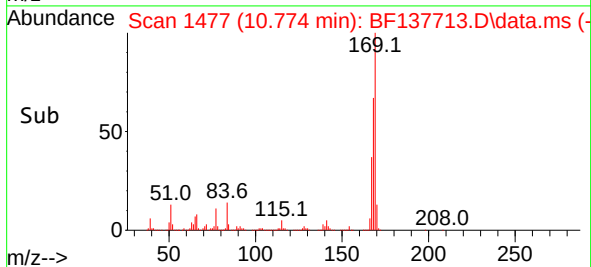
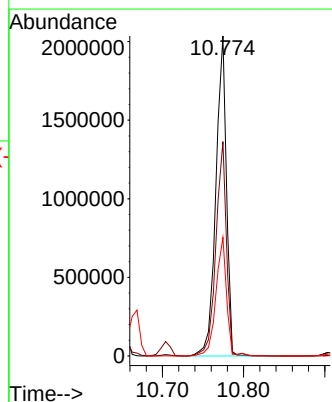
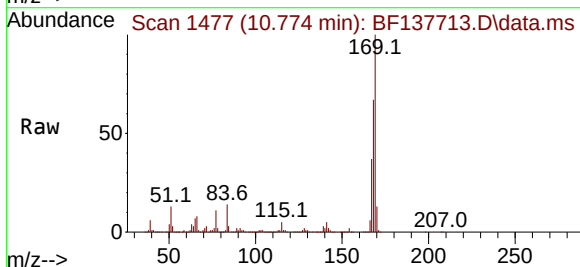
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

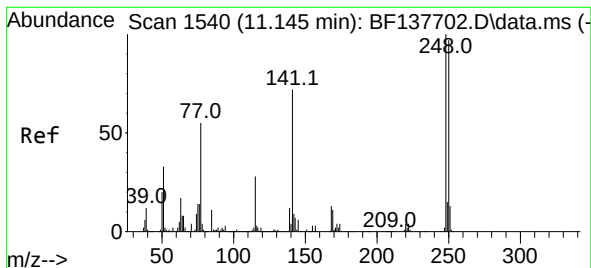
Tgt Ion:198 Resp: 364360
Ion Ratio Lower Upper
198 100
51 48.8 33.5 73.5
105 46.6 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 44.567 ng
RT: 10.774 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion:169 Resp: 1835799
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.2
167 37.0 29.6 44.4

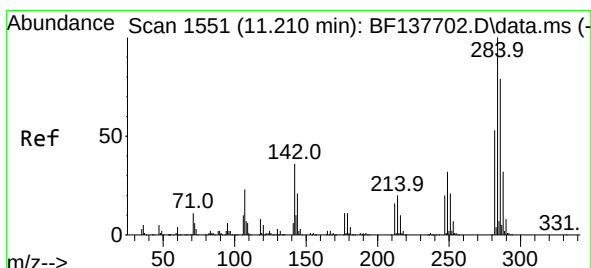
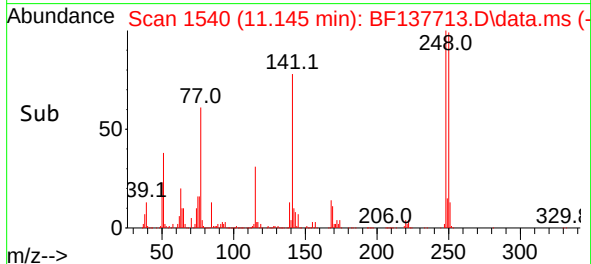
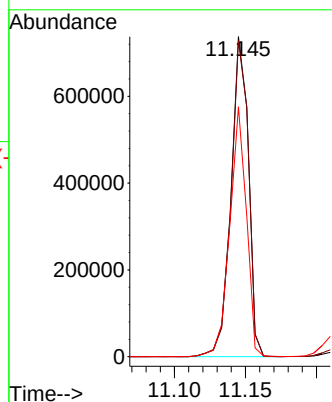
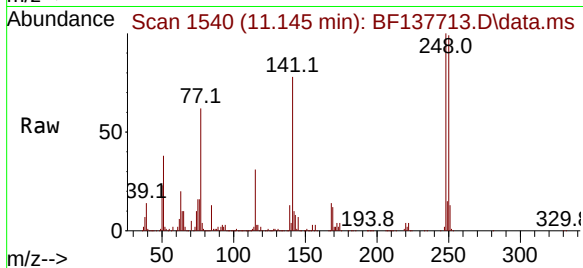




#67
4-Bromophenyl-phenylether
Concen: 44.774 ng
RT: 11.145 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

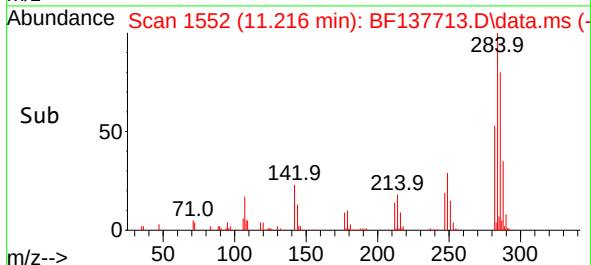
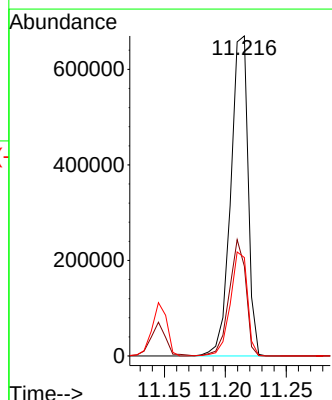
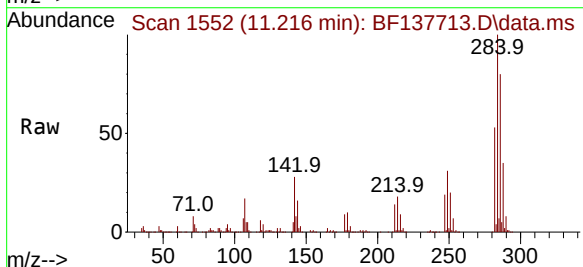
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

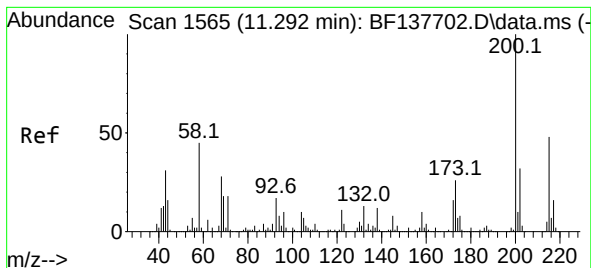
Tgt Ion:248 Resp: 630998
Ion Ratio Lower Upper
248 100
250 98.8 77.4 116.0
141 78.1 57.9 86.9



#68
Hexachlorobenzene
Concen: 48.353 ng
RT: 11.216 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion:284 Resp: 663853
Ion Ratio Lower Upper
284 100
142 28.0 28.5 42.7#
249 30.8 25.6 38.4





#69

Atrazine

Concen: 55.774 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD

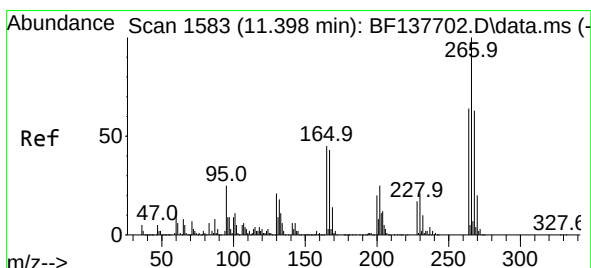
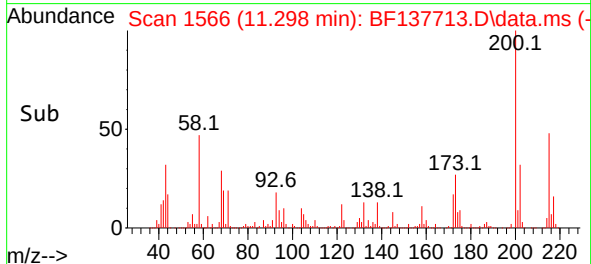
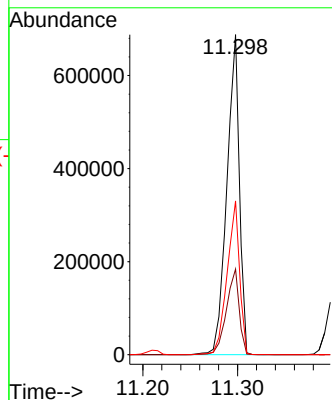
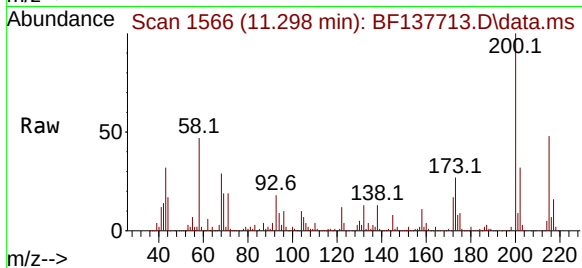
Tgt Ion:200 Resp: 635086

Ion Ratio Lower Upper

200 100

173 26.8 6.3 46.3

215 48.0 28.0 68.0



#70

Pentachlorophenol

Concen: 82.226 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

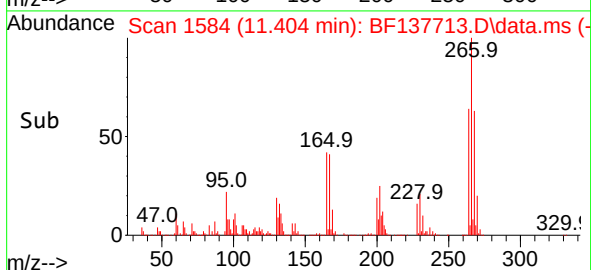
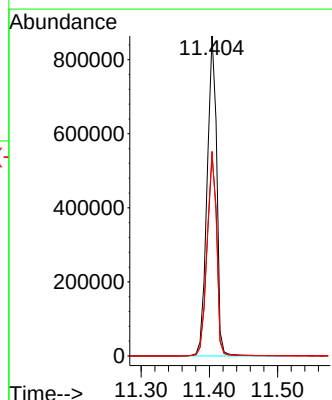
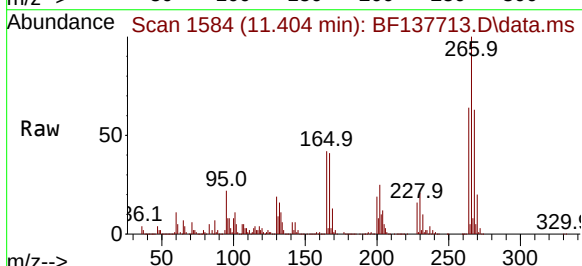
Tgt Ion:266 Resp: 849213

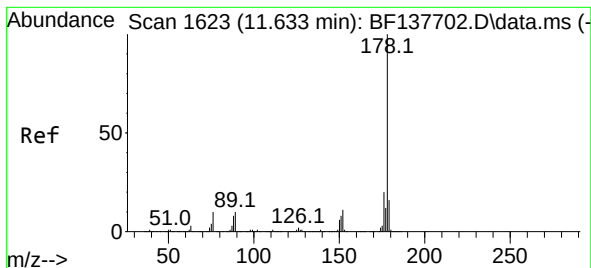
Ion Ratio Lower Upper

266 100

268 62.5 50.4 75.6

264 64.0 51.4 77.0





#71

Phenanthrene

Concen: 44.503 ng

RT: 11.633 min Scan# 1623

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD

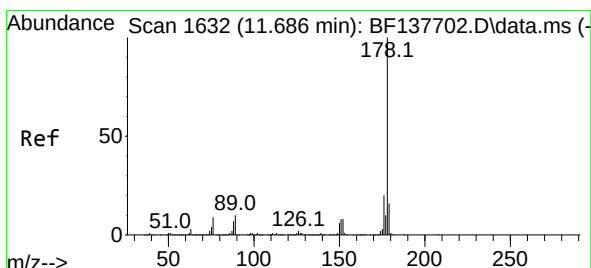
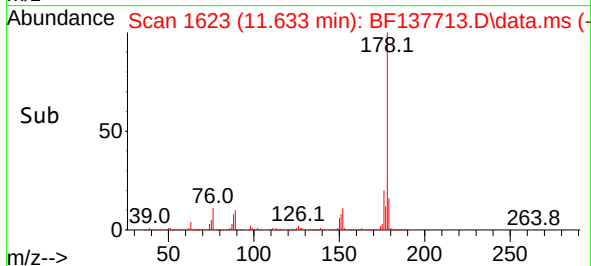
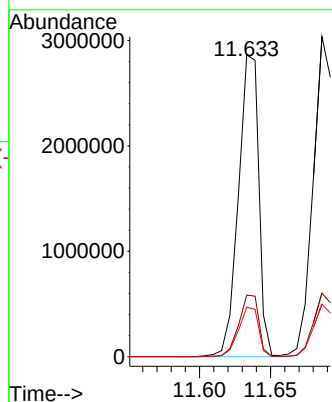
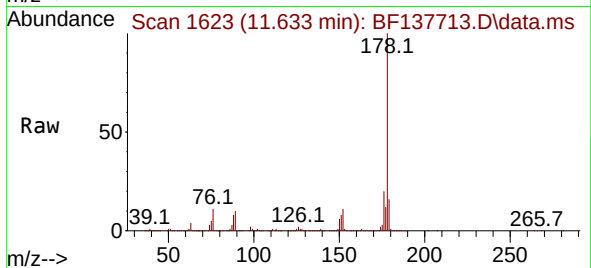
Tgt Ion:178 Resp: 2865138

Ion Ratio Lower Upper

178 100

176 20.4 16.4 24.6

179 16.4 12.8 19.2



#72

Anthracene

Concen: 44.592 ng

RT: 11.686 min Scan# 1632

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

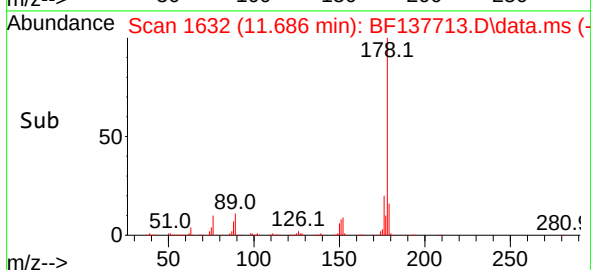
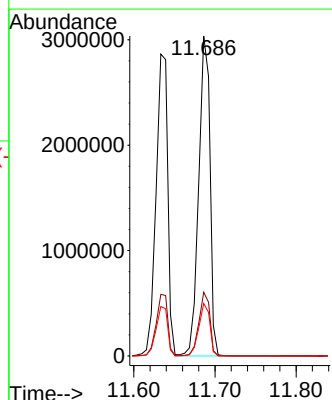
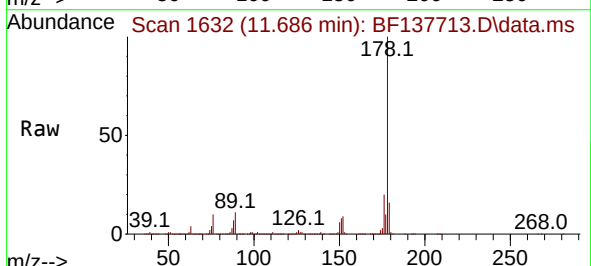
Tgt Ion:178 Resp: 2939760

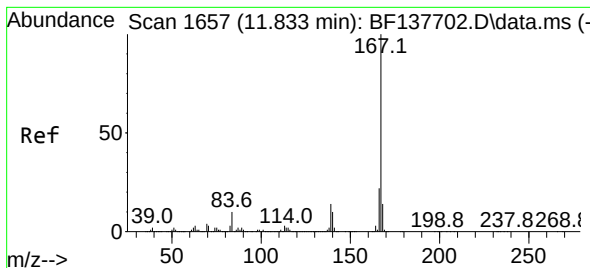
Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

179 16.4 13.0 19.6





#73

Carbazole

Concen: 44.580 ng

RT: 11.839 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD

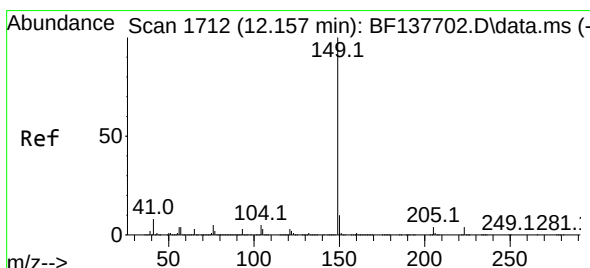
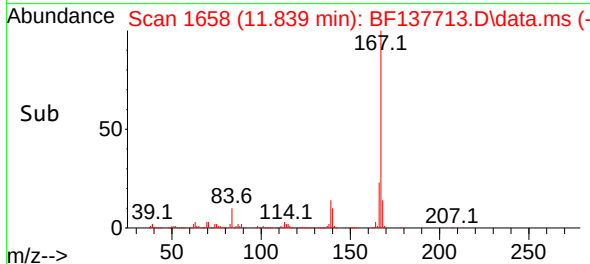
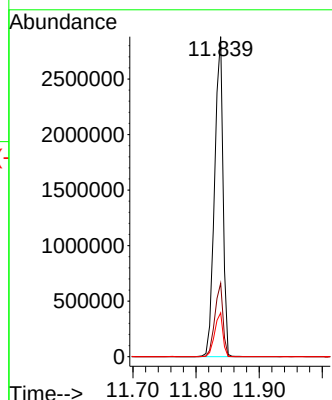
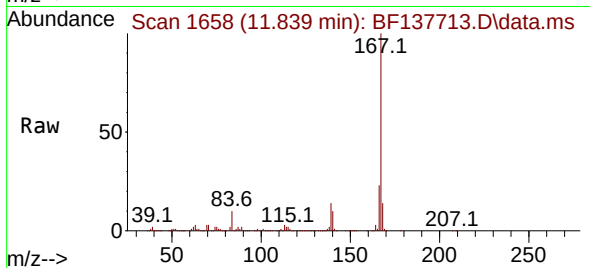
Tgt Ion:167 Resp: 2663487

Ion Ratio Lower Upper

167 100

166 23.0 17.5 26.3

139 13.7 10.9 16.3



#74

Di-n-butylphthalate

Concen: 44.580 ng

RT: 12.157 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

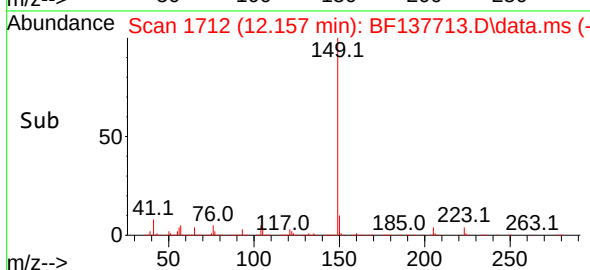
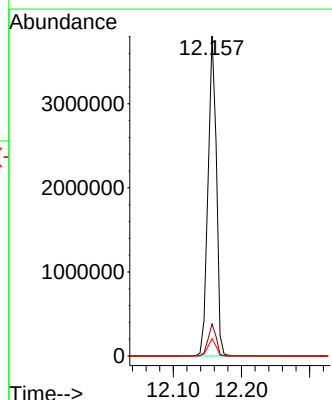
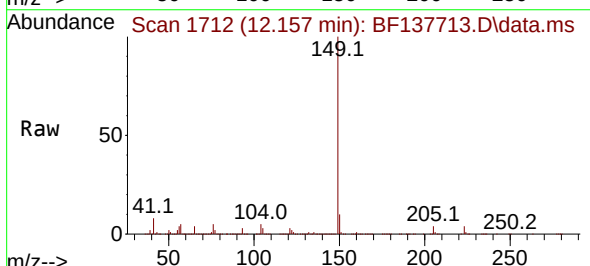
Tgt Ion:149 Resp: 3246842

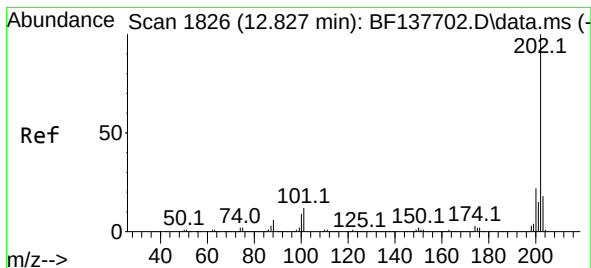
Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

104 5.4 4.2 6.4





#75

Fluoranthene

Concen: 44.268 ng

RT: 12.827 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD

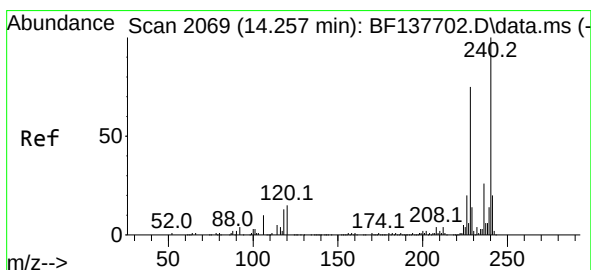
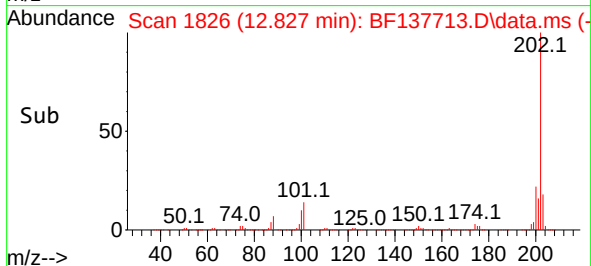
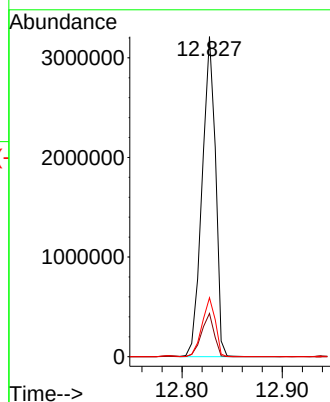
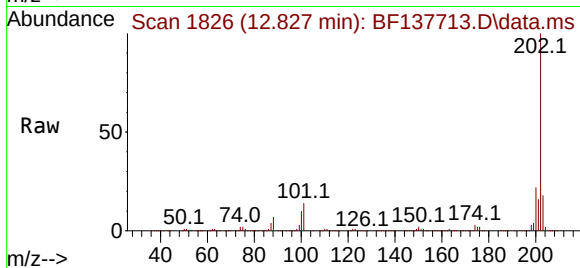
Tgt Ion:202 Resp: 2995655

Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.2

203 18.4 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.262 min Scan# 2070

Delta R.T. 0.006 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

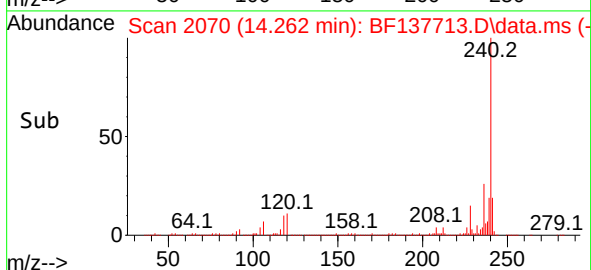
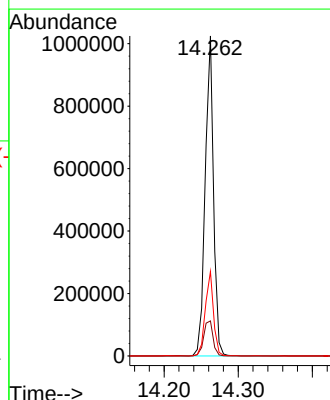
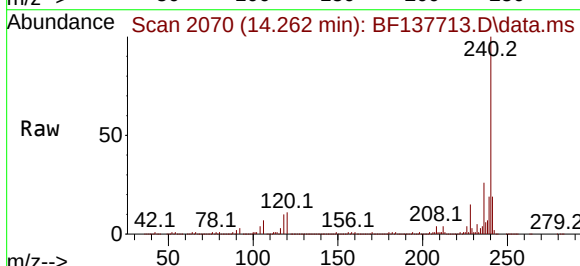
Tgt Ion:240 Resp: 801376

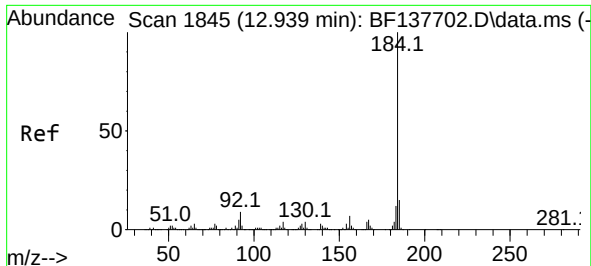
Ion Ratio Lower Upper

240 100

120 11.0 11.9 17.9#

236 26.4 20.8 31.2

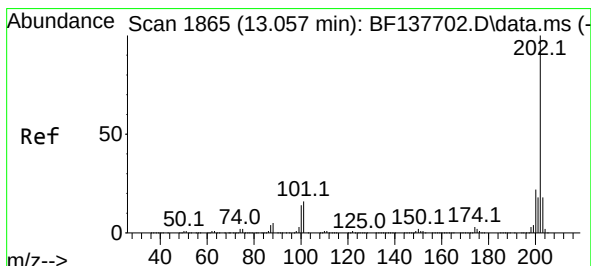
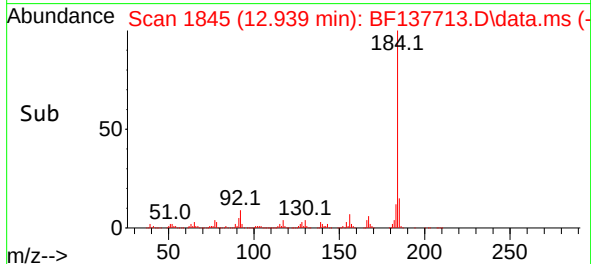
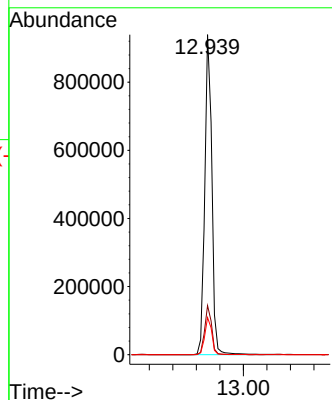
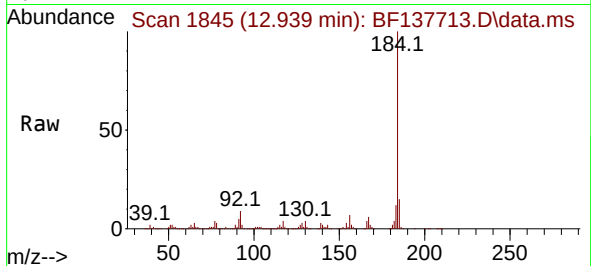




#77
Benzidine
Concen: 41.794 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

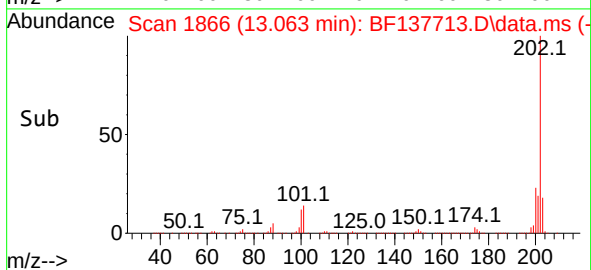
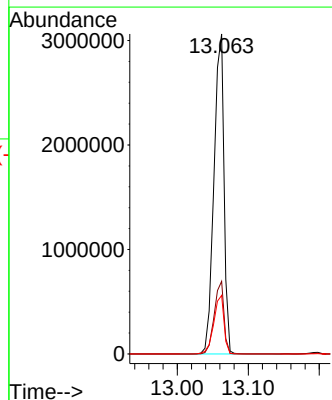
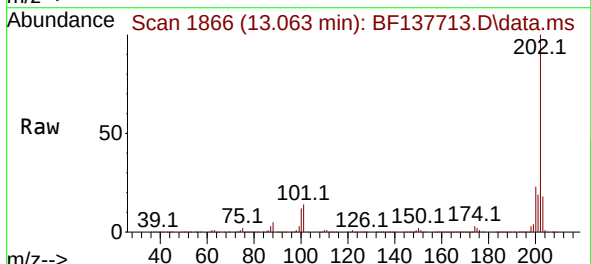
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

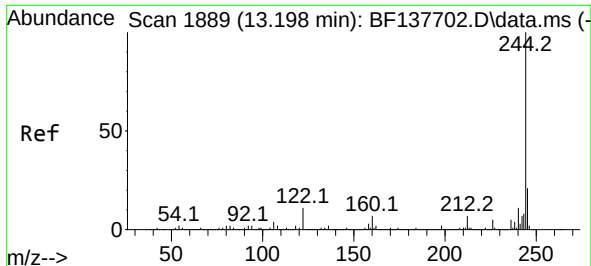
Tgt Ion:184 Resp: 782281
Ion Ratio Lower Upper
184 100
185 15.4 12.2 18.4
183 11.6 9.4 14.0



#78
Pyrene
Concen: 45.819 ng
RT: 13.063 min Scan# 1866
Delta R.T. 0.006 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

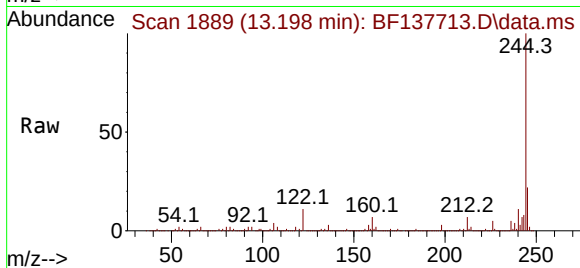
Tgt Ion:202 Resp: 3013799
Ion Ratio Lower Upper
202 100
200 22.7 17.8 26.6
203 18.3 14.6 21.8



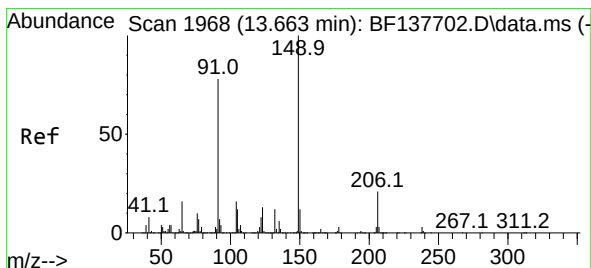
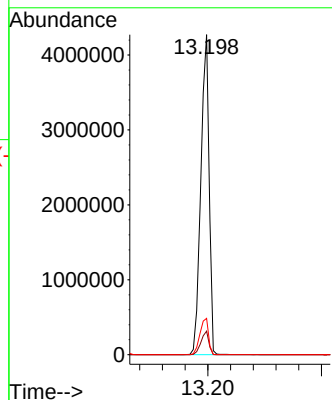
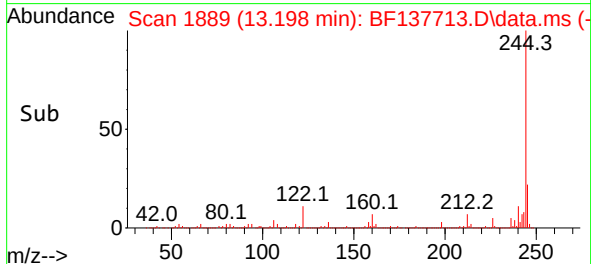


#79
 Terphenyl-d14
 Concen: 87.049 ng
 RT: 13.198 min Scan# 1889
 Delta R.T. -0.000 min
 Lab File: BF137713.D
 Acq: 24 Apr 2024 12:07

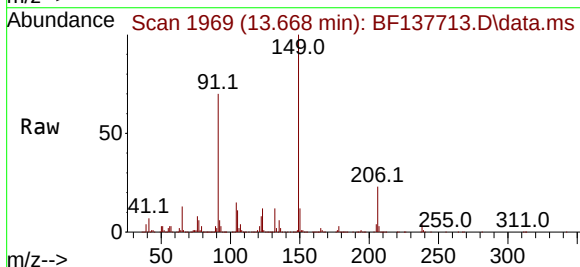
Instrument :
 BNA_F
 ClientSampleId :
 PB160276BSD



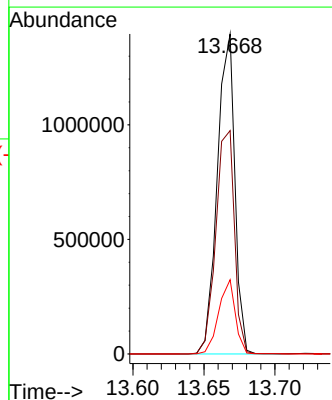
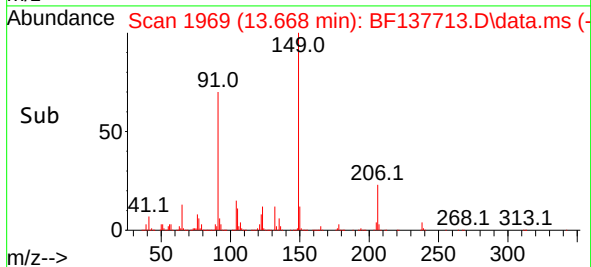
Tgt Ion:244 Resp: 4334026
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 11.3 8.8 13.2

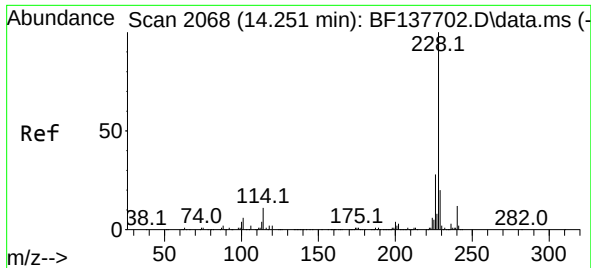


#80
 Butylbenzylphthalate
 Concen: 51.441 ng
 RT: 13.668 min Scan# 1969
 Delta R.T. 0.006 min
 Lab File: BF137713.D
 Acq: 24 Apr 2024 12:07



Tgt Ion:149 Resp: 1199909
 Ion Ratio Lower Upper
 149 100
 91 69.8 62.6 93.8
 206 23.2 16.5 24.7

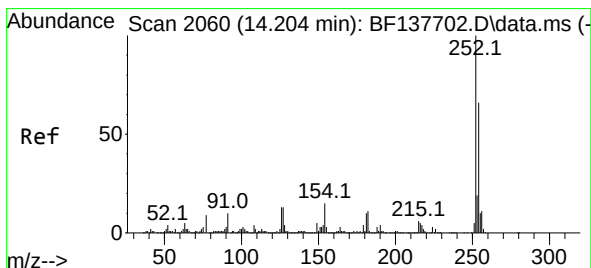
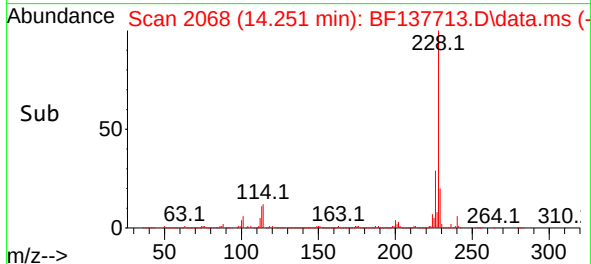
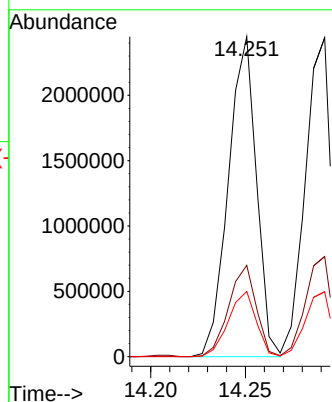
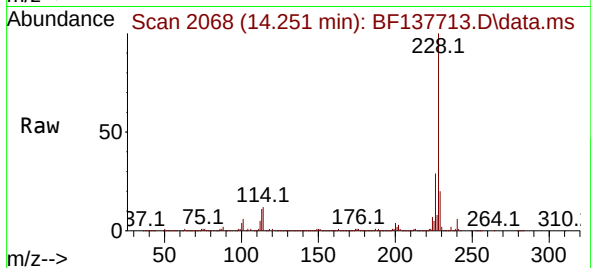




#81
Benzo(a)anthracene
Concen: 45.111 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

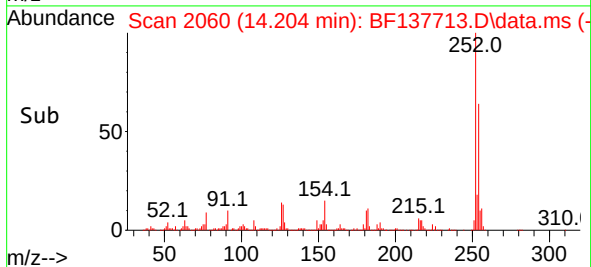
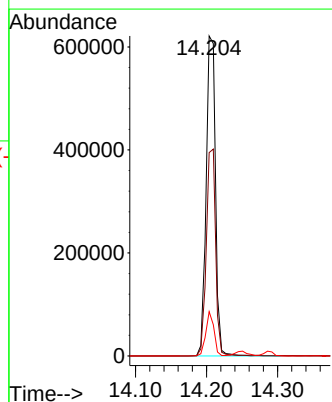
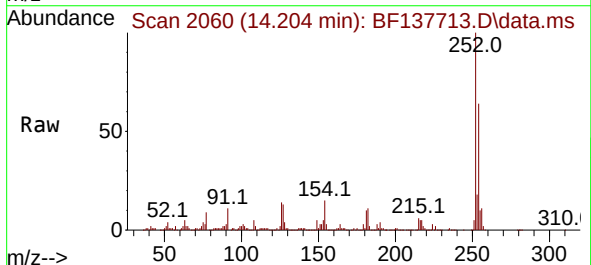
Instrument :
BNA_F
ClientSampleId :
PB160276BSD

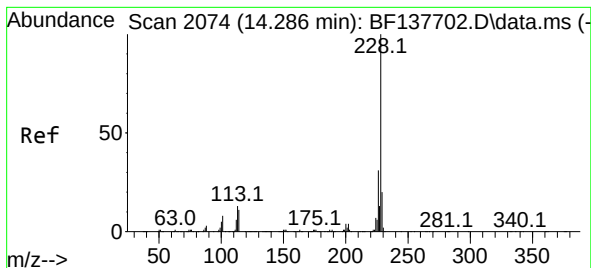
Tgt Ion:228 Resp: 2521469
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 20.4 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 32.950 ng
RT: 14.204 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion:252 Resp: 569830
Ion Ratio Lower Upper
252 100
254 63.5 52.6 79.0
126 13.8 10.8 16.2





#83

Chrysene

Concen: 43.949 ng

RT: 14.292 min Scan# 2074

Delta R.T. 0.006 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD

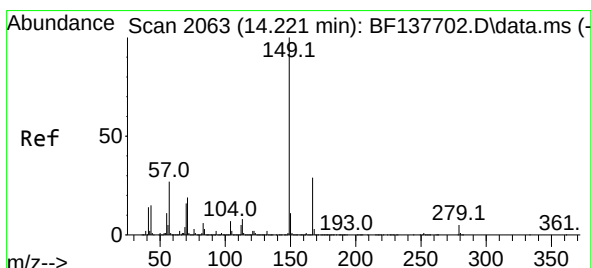
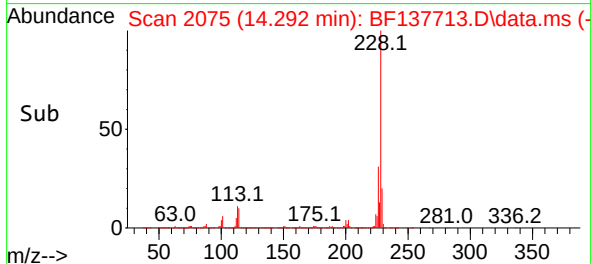
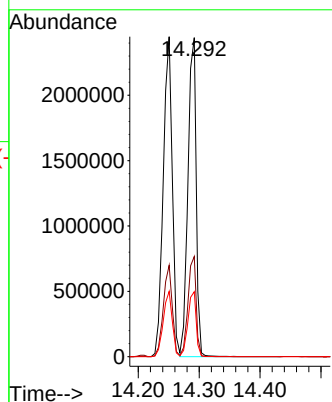
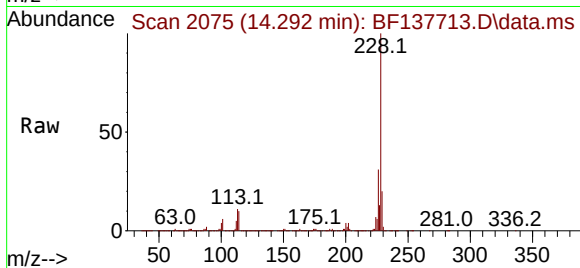
Tgt Ion:228 Resp: 2295243

Ion Ratio Lower Upper

228 100

226 31.4 24.7 37.1

229 20.4 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.552 ng

RT: 14.221 min Scan# 2063

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

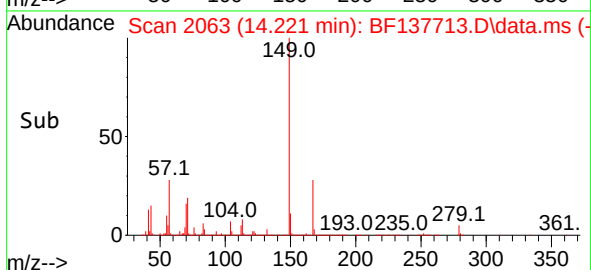
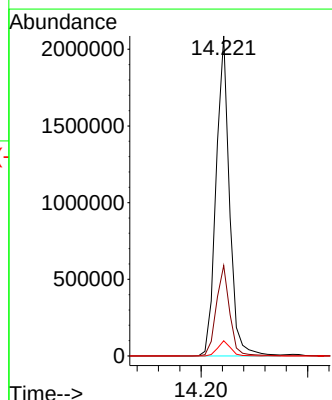
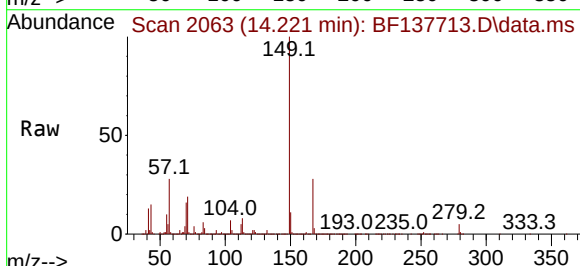
Tgt Ion:149 Resp: 1815995

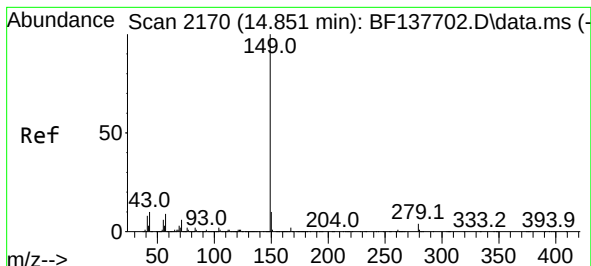
Ion Ratio Lower Upper

149 100

167 28.3 23.4 35.0

279 4.8 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 50.807 ng

RT: 14.851 min Scan# 2170

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD

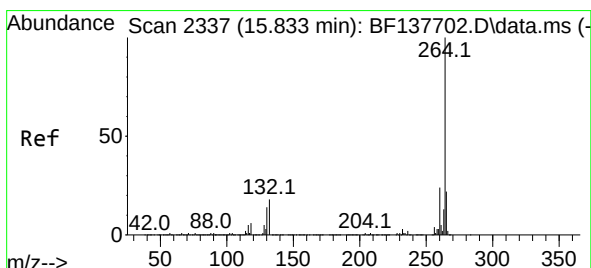
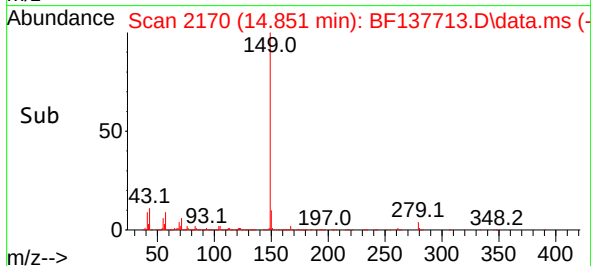
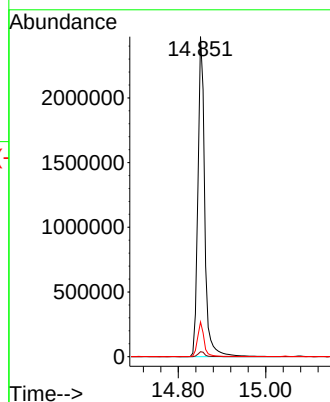
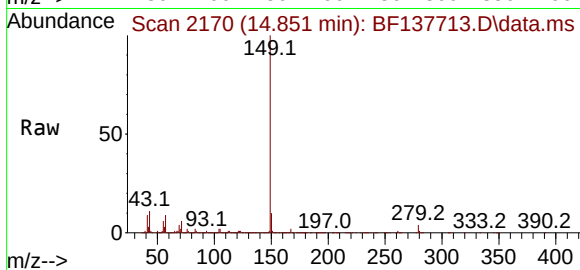
Tgt Ion:149 Resp: 2688424

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.833 min Scan# 2337

Delta R.T. -0.000 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

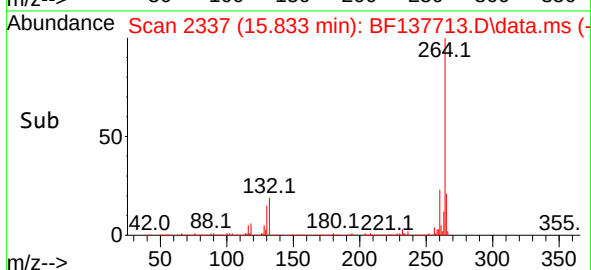
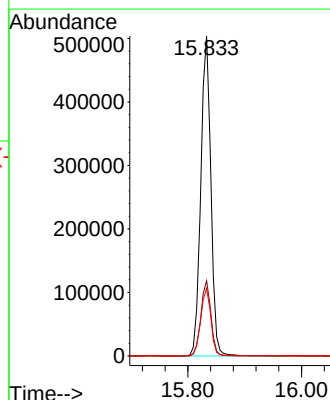
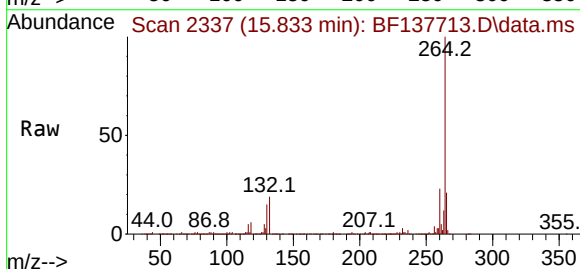
Tgt Ion:264 Resp: 622095

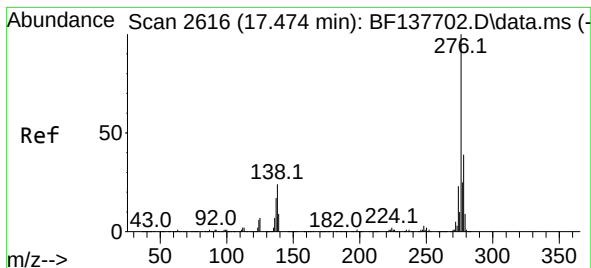
Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.769 ng

RT: 17.480 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD

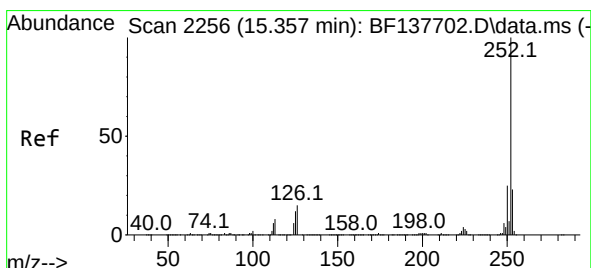
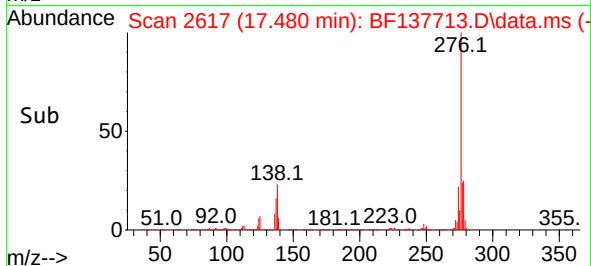
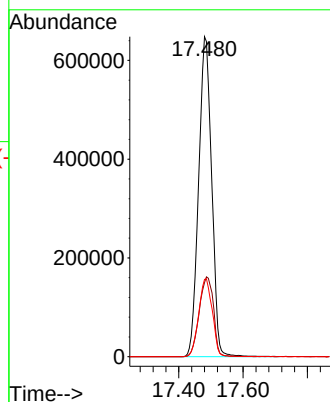
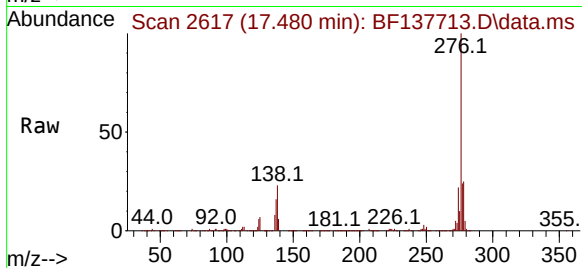
Tgt Ion:276 Resp: 1820210

Ion Ratio Lower Upper

276 100

138 27.3 22.3 33.5

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.031 ng

RT: 15.362 min Scan# 2257

Delta R.T. 0.006 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

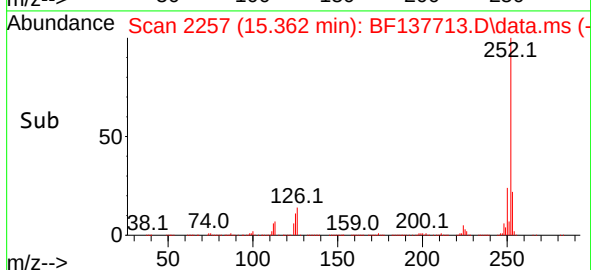
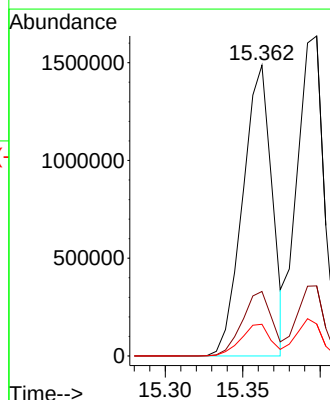
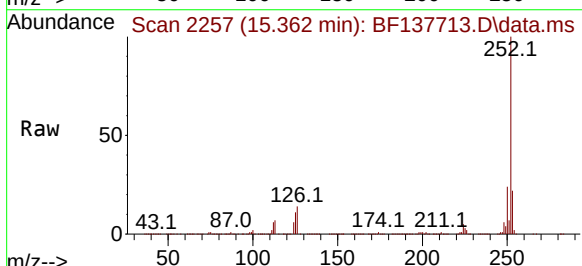
Tgt Ion:252 Resp: 1951859

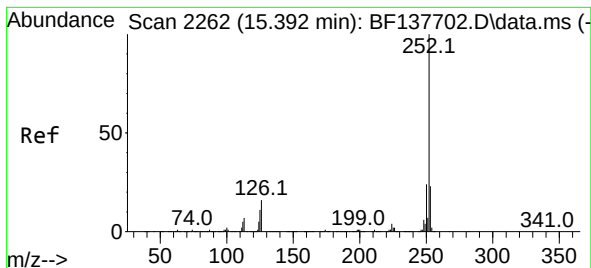
Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 10.9 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 50.019 ng

RT: 15.398 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB160276BSD

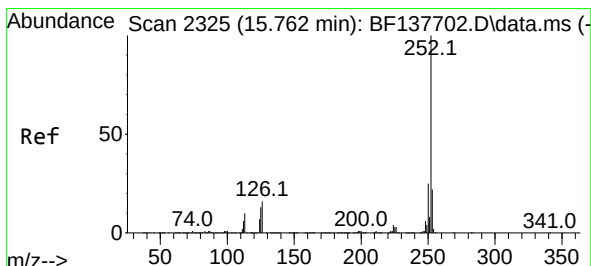
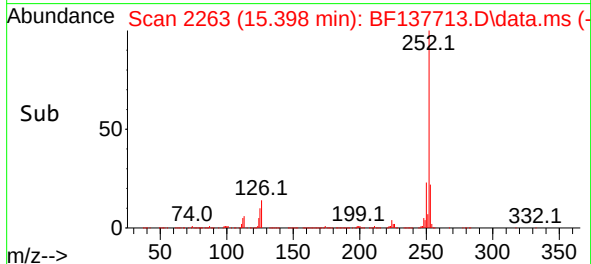
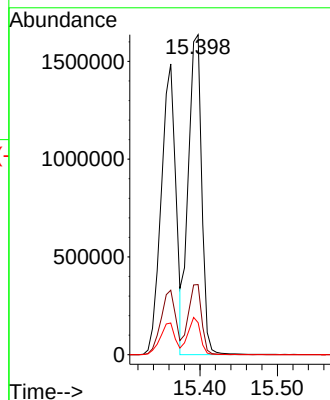
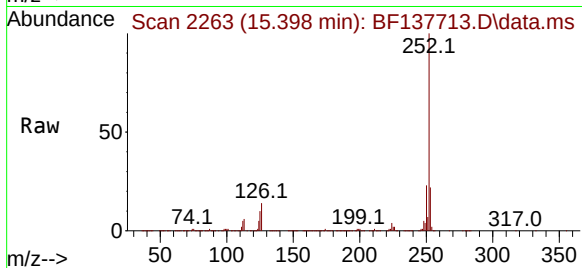
Tgt Ion:252 Resp: 1957301

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 10.0 9.0 13.6



#90

Benzo(a)pyrene

Concen: 45.128 ng

RT: 15.768 min Scan# 2326

Delta R.T. 0.006 min

Lab File: BF137713.D

Acq: 24 Apr 2024 12:07

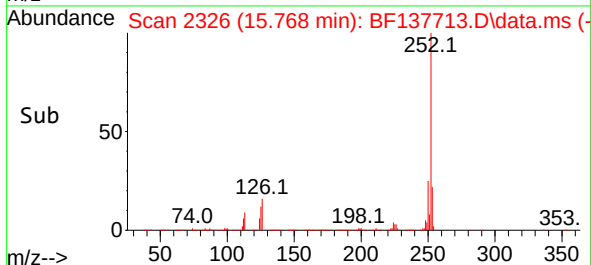
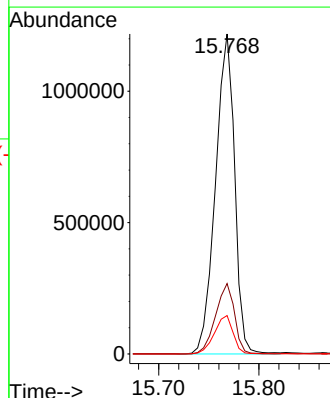
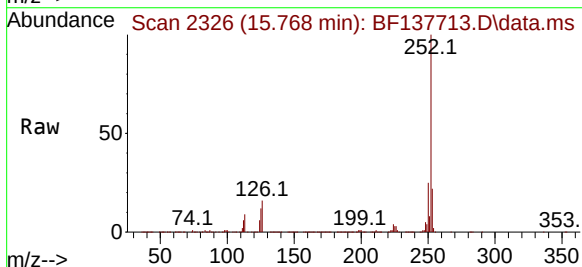
Tgt Ion:252 Resp: 1611556

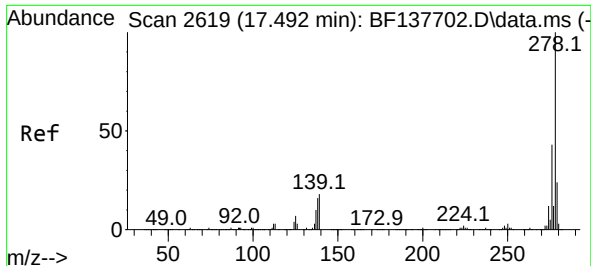
Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 12.0 10.2 15.2

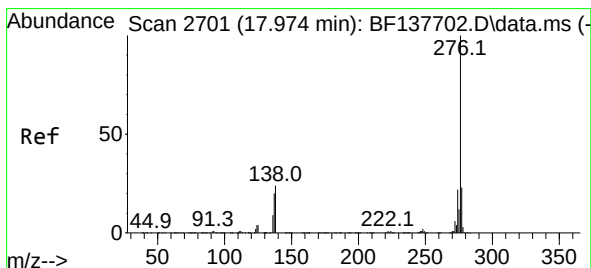
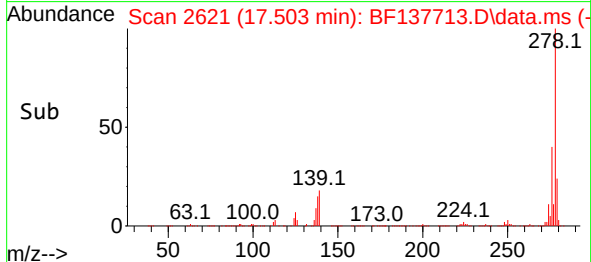
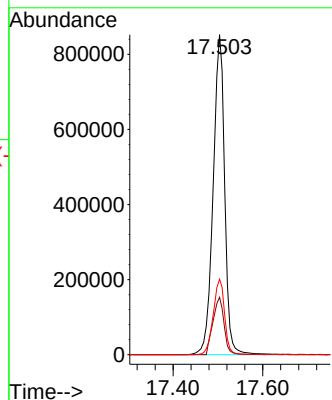
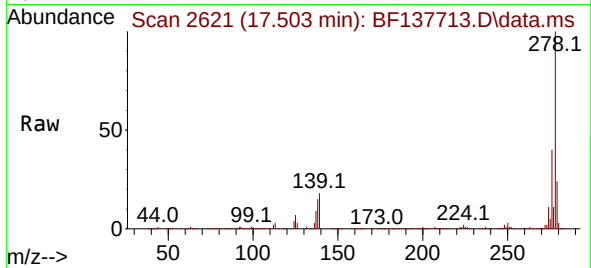




#91
Dibenzo(a,h)anthracene
Concen: 53.227 ng
RT: 17.503 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Instrument :
BNA_F
ClientSampleId :
PB160276BSD

Tgt Ion:278 Resp: 1523604
Ion Ratio Lower Upper
278 100
139 18.0 14.7 22.1
279 23.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 53.246 ng
RT: 17.986 min Scan# 2703
Delta R.T. 0.012 min
Lab File: BF137713.D
Acq: 24 Apr 2024 12:07

Tgt Ion:276 Resp: 1482088
Ion Ratio Lower Upper
276 100
277 24.3 18.5 27.7
138 24.1 19.5 29.3

