

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136901.D
 Acq On : 03 Jan 2024 11:33
 Operator : CG\JU
 Sample : PB157973BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157973BS

Quant Time: Jan 03 12:08:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	88272	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	343476	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	177890	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	350643	20.000	ng	0.00
76) Chrysene-d12	13.969	240	195824	20.000	ng	0.00
86) Perylene-d12	15.445	264	157057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	627349	110.889	ng	0.00
7) Phenol-d6	6.440	99	779983	106.400	ng	0.00
23) Nitrobenzene-d5	7.351	82	481901	71.794	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	239395	114.267	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	977931	73.939	ng	-0.01
79) Terphenyl-d14	12.910	244	1092813	77.987	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	79154	33.579	ng	96
3) Pyridine	3.399	79	183970	31.987	ng	95
4) n-Nitrosodimethylamine	3.363	42	109832	35.760	ng	98
6) Aniline	6.451	93	250357	34.159	ng	# 10
8) 2-Chlorophenol	6.575	128	244048	39.419	ng	94
9) Benzaldehyde	6.340	77	102604	24.607	ng	100
10) Phenol	6.451	94	293616	37.520	ng	94
11) bis(2-Chloroethyl)ether	6.522	93	231233	38.855	ng	99
12) 1,3-Dichlorobenzene	6.722	146	243486	36.051	ng	99
13) 1,4-Dichlorobenzene	6.798	146	245461	35.569	ng	99
14) 1,2-Dichlorobenzene	6.951	146	238195	37.094	ng	99
15) Benzyl Alcohol	6.934	79	195472	39.525	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	356777	36.668	ng	81
17) 2-Methylphenol	7.051	107	194694	37.960	ng	95
18) Hexachloroethane	7.287	117	88513	35.318	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	162314	36.526	ng	96
20) 3+4-Methylphenols	7.204	107	243342	37.977	ng	# 58
22) Acetophenone	7.192	105	335729	38.997	ng	# 91
24) Nitrobenzene	7.369	77	238147	35.418	ng	95
25) Isophorone	7.604	82	456950	37.413	ng	99
26) 2-Nitrophenol	7.681	139	127987	39.784	ng	97
27) 2,4-Dimethylphenol	7.722	122	213822	54.594	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	281855	37.965	ng	99
29) 2,4-Dichlorophenol	7.928	162	197941	39.256	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	207590	36.951	ng	99
31) Naphthalene	8.081	128	699303	37.060	ng	99
32) Benzoic acid	7.875	122	158961	41.947	ng	98
33) 4-Chloroaniline	8.134	127	129536	18.593	ng	99
34) Hexachlorobutadiene	8.192	225	119355	34.968	ng	99
35) Caprolactam	8.522	113	45860	27.570	ng	95
36) 4-Chloro-3-methylphenol	8.634	107	217394	38.297	ng	99
37) 2-Methylnaphthalene	8.775	142	457205	37.649	ng	99
38) 1-Methylnaphthalene	8.875	142	427965	35.920	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	214963	39.019	ng	98
41) Hexachlorocyclopentadiene	8.922	237	162155	91.560	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	140261	39.699	ng	99

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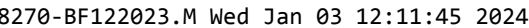
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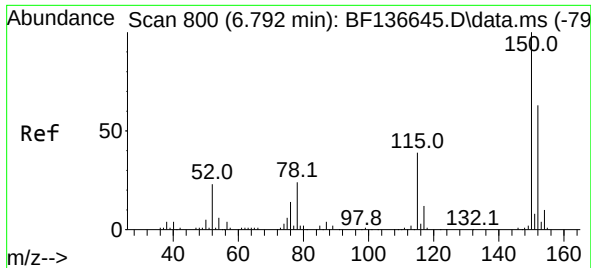
Quant Time: Jan 03 12:08:23 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	151935	38.590	ng	98
46) 1,1'-Biphenyl	9.239	154	585537	39.225	ng	98
47) 2-Chloronaphthalene	9.269	162	429730	37.867	ng	96
48) 2-Nitroaniline	9.369	65	139988	39.392	ng	95
49) Acenaphthylene	9.681	152	683072	39.380	ng	99
50) Dimethylphthalate	9.551	163	519892	40.012	ng	99
51) 2,6-Dinitrotoluene	9.616	165	113558	38.509	ng	100
52) Acenaphthene	9.857	154	418581	38.930	ng	98
53) 3-Nitroaniline	9.786	138	93643	29.977	ng	90
54) 2,4-Dinitrophenol	9.898	184	111348	68.684	ng	# 86
55) Dibenzofuran	10.028	168	624860	38.337	ng	99
56) 4-Nitrophenol	9.969	139	153543	72.812	ng	93
57) 2,4-Dinitrotoluene	10.022	165	147042	38.410	ng	94
58) Fluorene	10.375	166	504847	39.037	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	130532	43.069	ng	99
60) Diethylphthalate	10.251	149	526899	39.083	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	240726	38.295	ng	97
62) 4-Nitroaniline	10.410	138	113248	37.606	ng	92
63) Azobenzene	10.528	77	487284	38.698	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	81197	40.406	ng	96
66) n-Nitrosodiphenylamine	10.486	169	456331	40.062	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	149981	38.514	ng	91
68) Hexachlorobenzene	10.922	284	167327	38.558	ng	97
69) Atrazine	11.028	200	203567	69.874	ng	99
70) Pentachlorophenol	11.122	266	136039	67.254	ng	94
71) Phenanthrene	11.339	178	727258	40.422	ng	99
72) Anthracene	11.392	178	742092	40.728	ng	99
73) Carbazole	11.551	167	690104	40.172	ng	100
74) Di-n-butylphthalate	11.880	149	845192	40.319	ng	100
75) Fluoranthene	12.533	202	754176	39.188	ng	98
77) Benzidine	12.657	184	171521	29.706	ng	99
78) Pyrene	12.763	202	764219	39.755	ng	99
80) Butylbenzylphthalate	13.386	149	306824	43.864	ng	99
81) Benzo(a)anthracene	13.957	228	546888	40.219	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	149013	38.588	ng	99
83) Chrysene	13.998	228	520471	39.141	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	407453	46.297	ng	98
85) Di-n-octyl phthalate	14.563	149	583950	42.895	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	474938	41.883	ng	100
88) Benzo(b)fluoranthene	15.016	252	428487	40.847	ng	99
89) Benzo(k)fluoranthene	15.045	252	422057	42.580	ng	100
90) Benzo(a)pyrene	15.386	252	364789	41.197	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	397193	42.695	ng	99
92) Benzo(g,h,i)perylene	17.415	276	400892	42.074	ng	100

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

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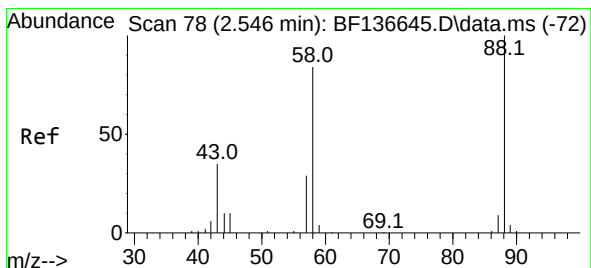
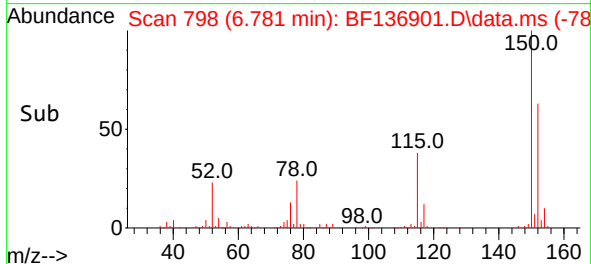
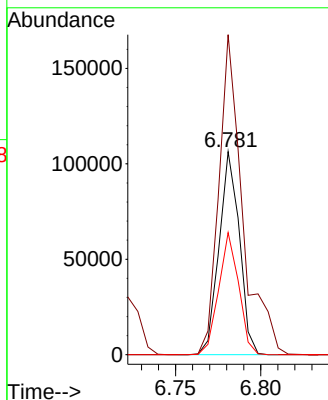
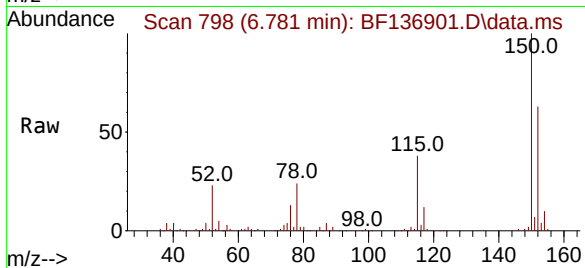




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136901.D
 Acq: 03 Jan 2024 11:33

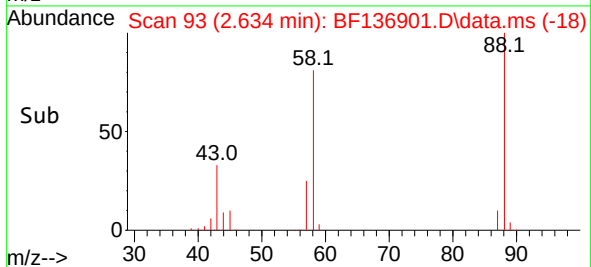
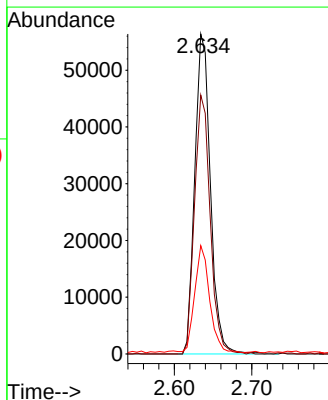
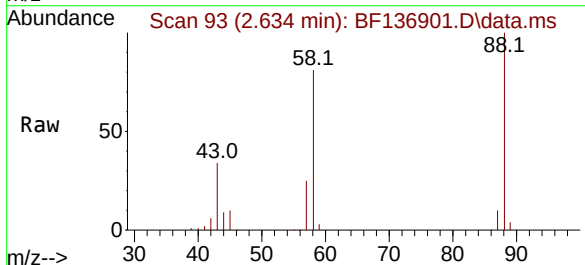
Instrument :
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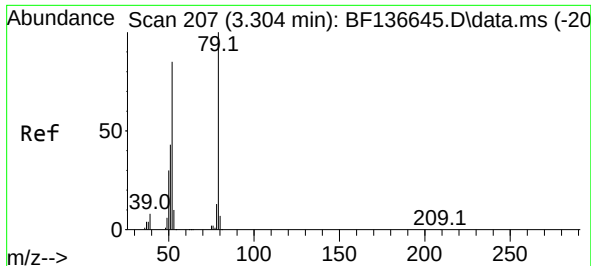
Tgt Ion:152 Resp: 88272
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.0 190.6
 115 60.1 49.0 73.4



#2
 1,4-Dioxane
 Concen: 33.579 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.088 min
 Lab File: BF136901.D
 Acq: 03 Jan 2024 11:33

Tgt Ion: 88 Resp: 79154
 Ion Ratio Lower Upper
 88 100
 58 81.2 67.4 101.0
 43 32.2 27.7 41.5

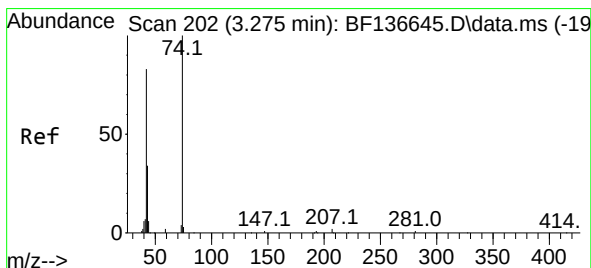
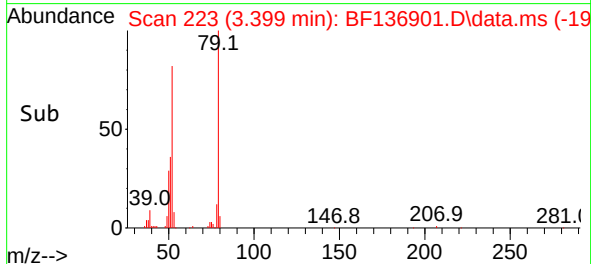
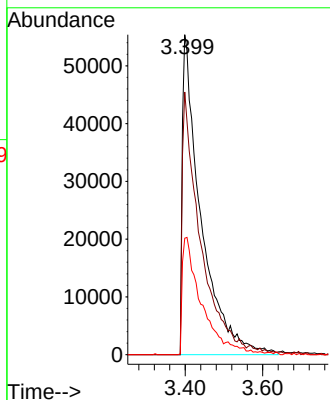
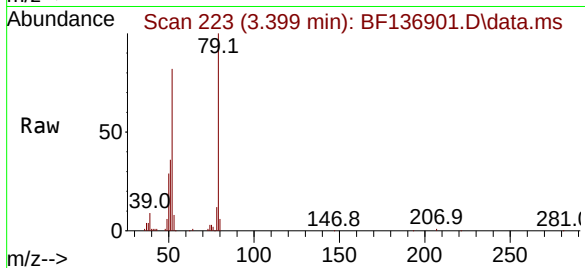




#3
 Pyridine
 Concen: 31.987 ng
 RT: 3.399 min Scan# 217
 Delta R.T. 0.094 min
 Lab File: BF136901.D
 Acq: 03 Jan 2024 11:33

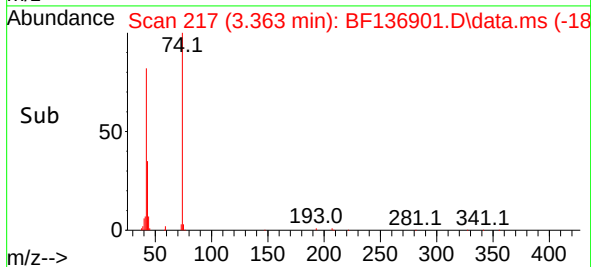
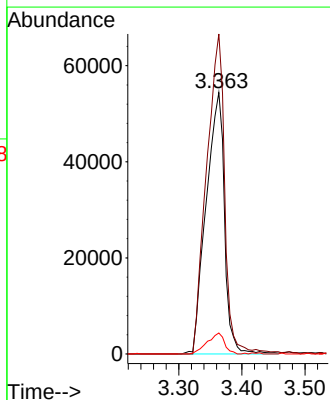
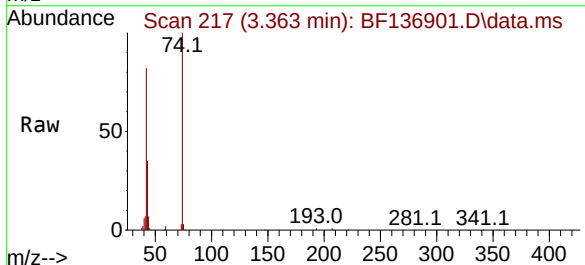
Instrument :
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 ClientSampleId :
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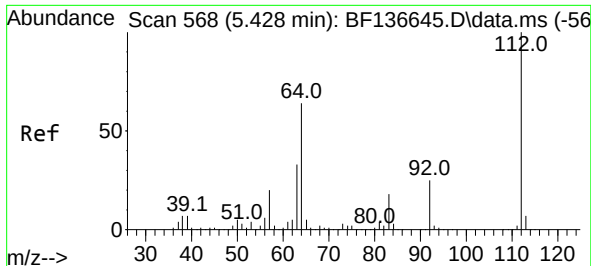
Tgt Ion: 79 Resp: 183970
 Ion Ratio Lower Upper
 79 100
 52 82.1 67.7 101.5
 51 36.4 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 35.760 ng
 RT: 3.363 min Scan# 217
 Delta R.T. 0.088 min
 Lab File: BF136901.D
 Acq: 03 Jan 2024 11:33

Tgt Ion: 42 Resp: 109832
 Ion Ratio Lower Upper
 42 100
 74 122.4 96.0 144.0
 44 8.0 5.4 8.2

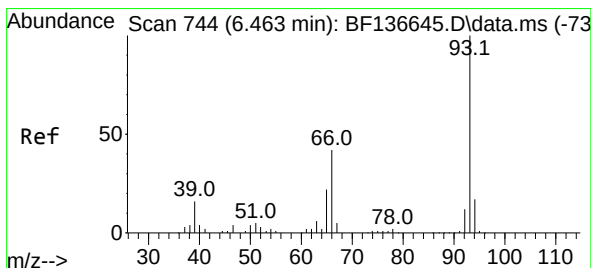
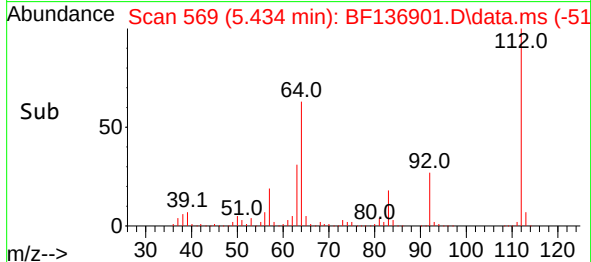
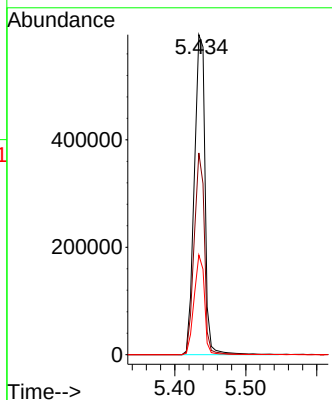
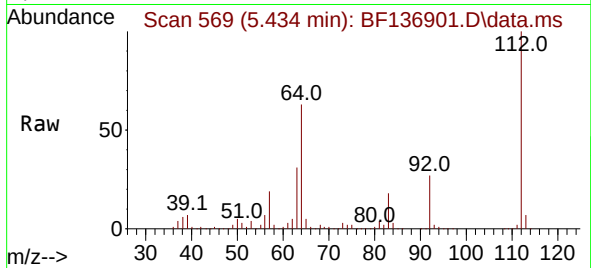




#5
2-Fluorophenol
Concen: 110.889 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

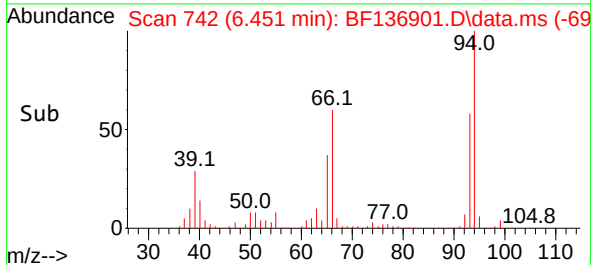
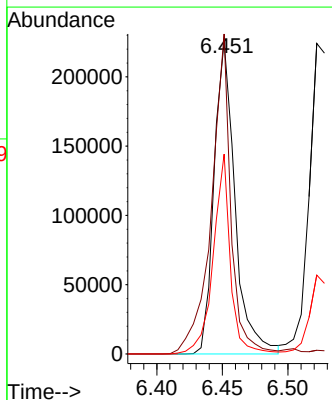
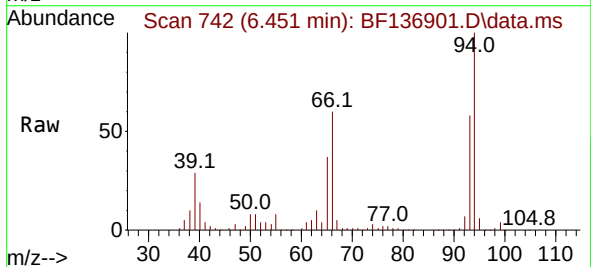
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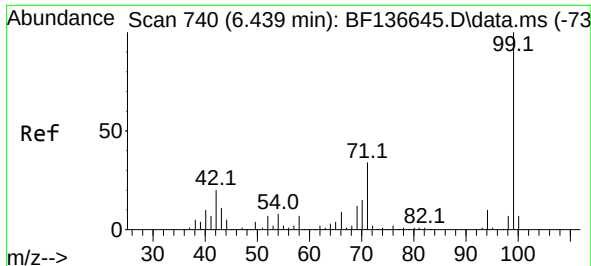
Tgt Ion:112 Resp: 627349
Ion Ratio Lower Upper
112 100
64 63.0 51.1 76.7
63 31.1 26.1 39.1



#6
Aniline
Concen: 34.159 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion: 93 Resp: 250357
Ion Ratio Lower Upper
93 100
66 102.4 34.6 51.8#
65 63.9 17.8 26.8#

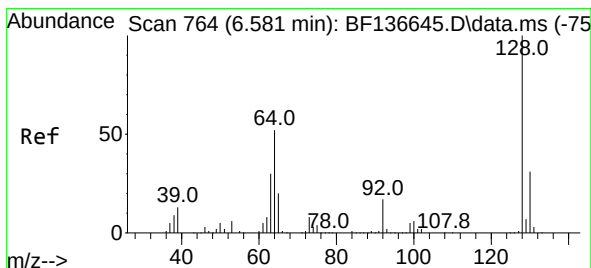
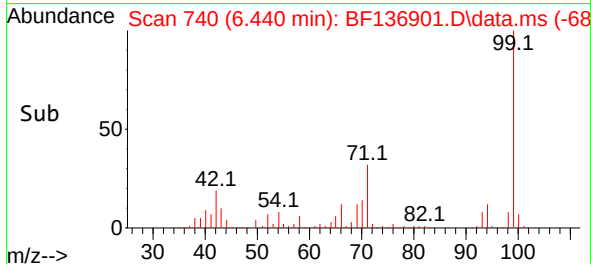
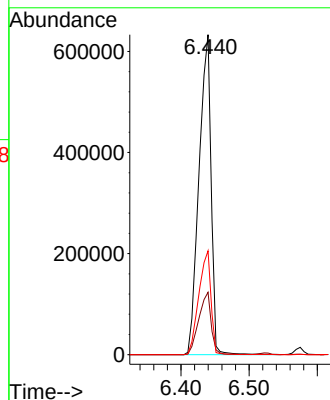
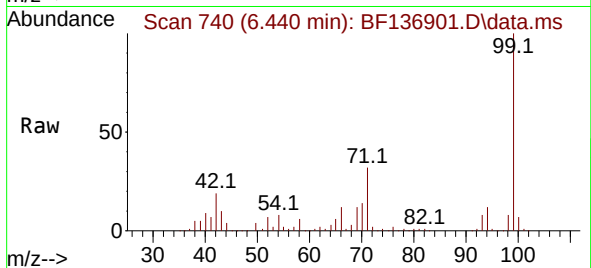




#7
Phenol-d6
Concen: 106.400 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

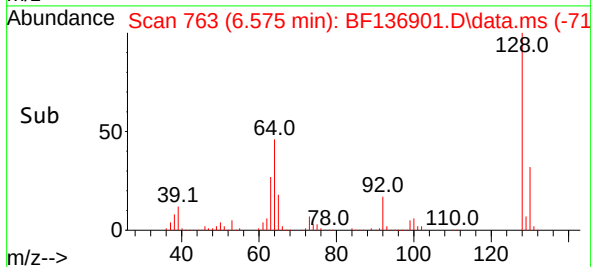
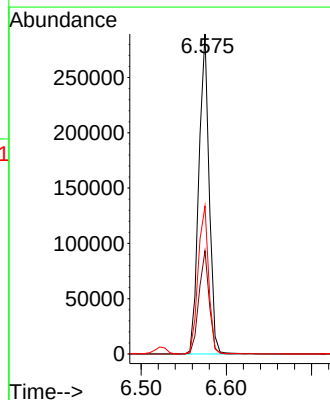
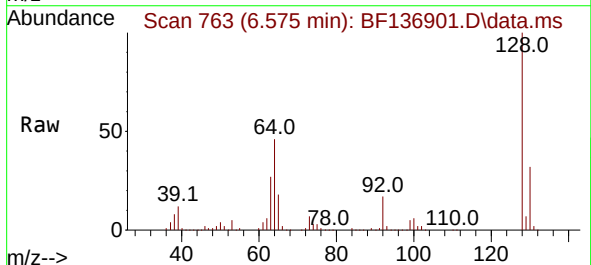
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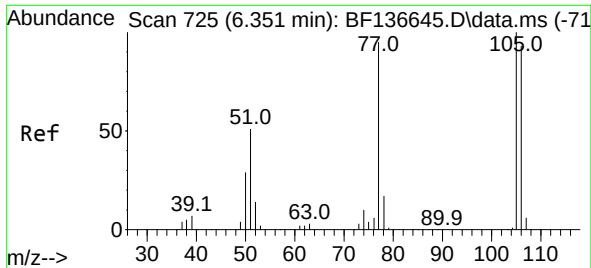
Tgt Ion: 99 Resp: 779983
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 32.5 27.4 41.2



#8
2-Chlorophenol
Concen: 39.419 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion: 128 Resp: 244048
Ion Ratio Lower Upper
128 100
130 32.2 11.3 51.3
64 46.2 32.5 72.5





#9

Benzaldehyde

Concen: 24.607 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

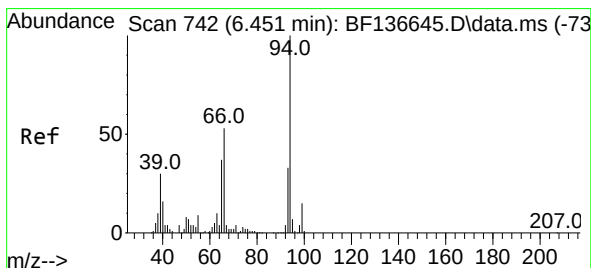
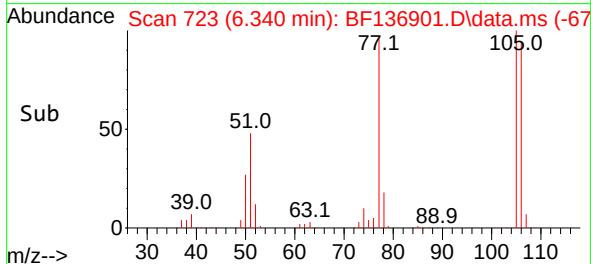
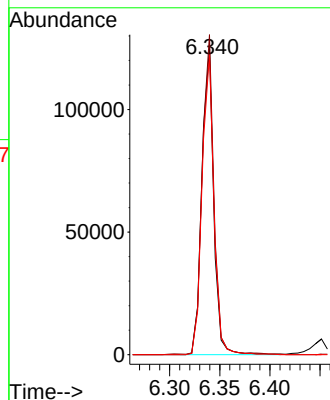
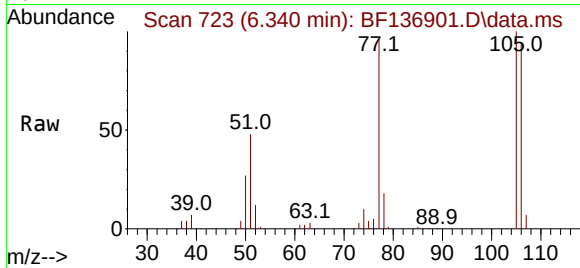
Tgt Ion: 77 Resp: 102604

Ion Ratio Lower Upper

77 100

105 104.2 84.8 124.8

106 97.6 77.8 117.8



#10

Phenol

Concen: 37.520 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

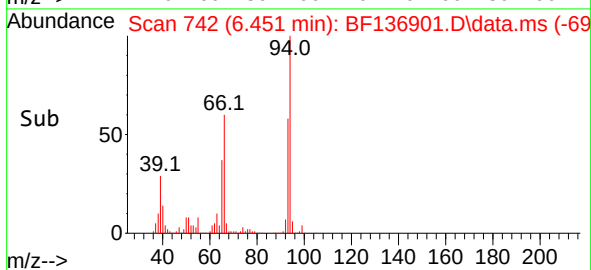
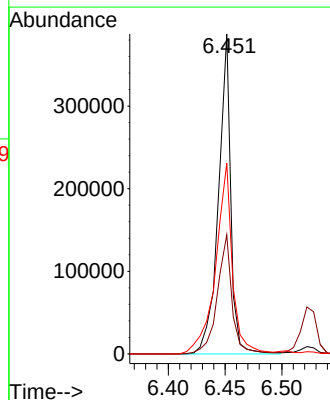
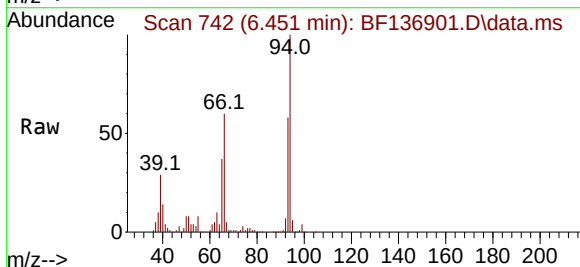
Tgt Ion: 94 Resp: 293616

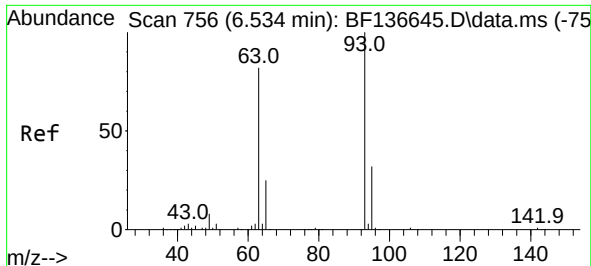
Ion Ratio Lower Upper

94 100

65 37.2 16.6 56.6

66 59.6 32.6 72.6

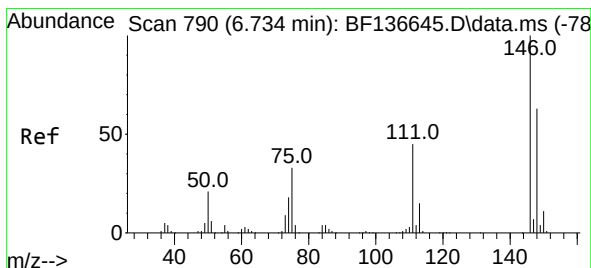
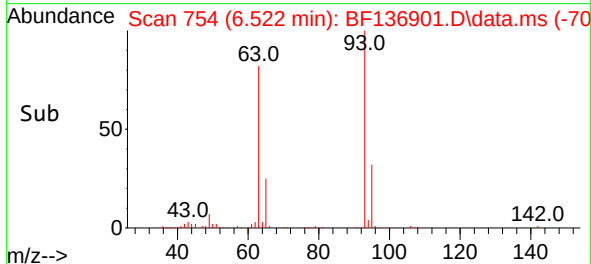
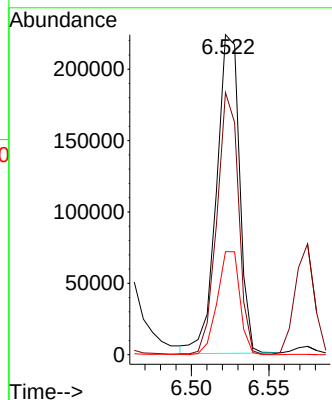
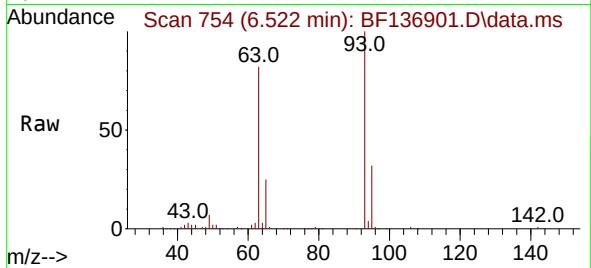




#11
bis(2-Chloroethyl)ether
Concen: 38.855 ng
RT: 6.522 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

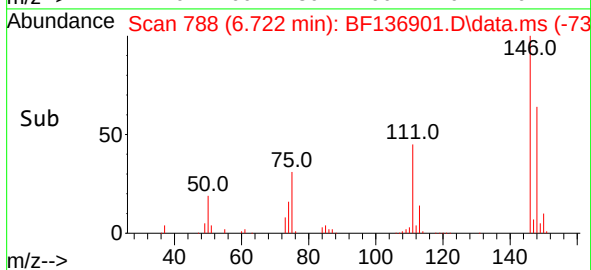
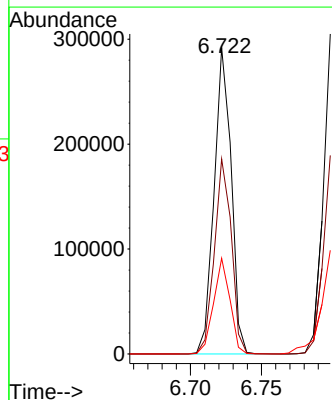
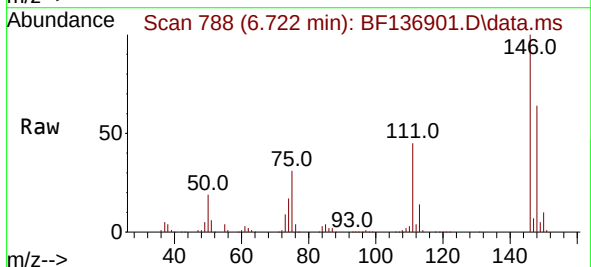
Instrument :
BNA_F
ClientSampleId :
PB157973BS

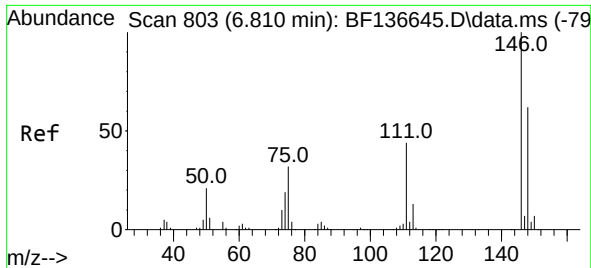
Tgt Ion: 93 Resp: 231233
Ion Ratio Lower Upper
93 100
63 82.0 61.2 101.2
95 32.2 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 36.051 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion:146 Resp: 243486
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
75 31.3 26.2 39.4

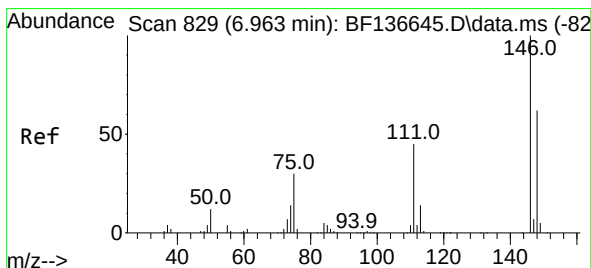
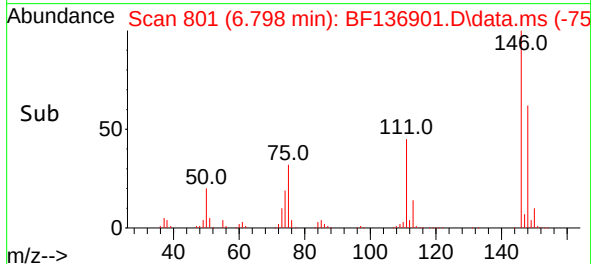
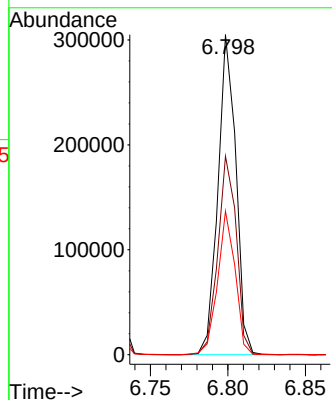
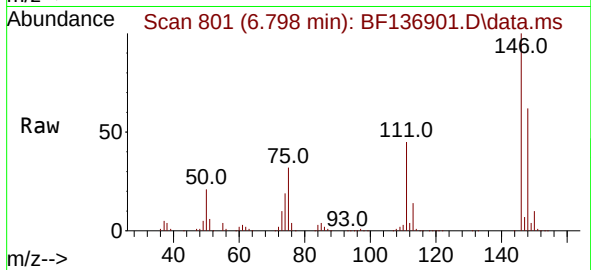




#13
1,4-Dichlorobenzene
Concen: 35.569 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

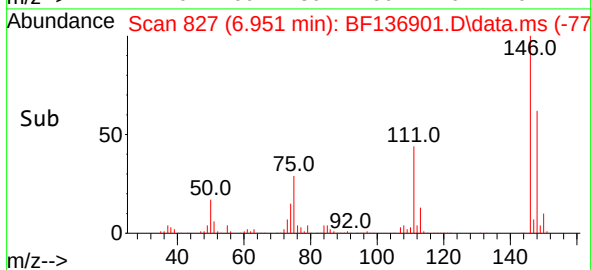
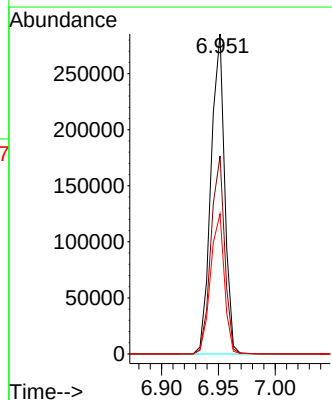
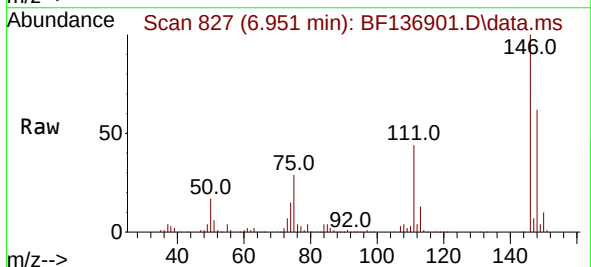
Instrument :
BNA_F
ClientSampleId :
PB157973BS

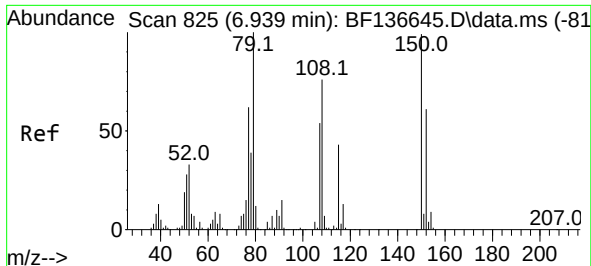
Tgt Ion:146 Resp: 245461
Ion Ratio Lower Upper
146 100
148 62.1 49.2 73.8
111 44.8 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 37.094 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion:146 Resp: 238195
Ion Ratio Lower Upper
146 100
148 61.8 49.6 74.4
111 43.8 36.2 54.2

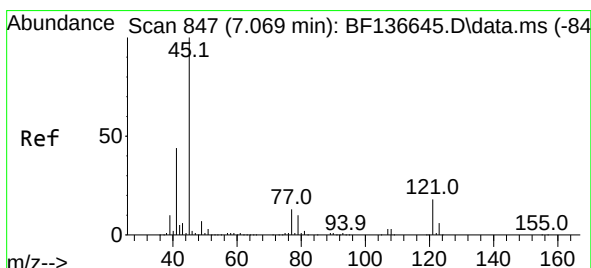
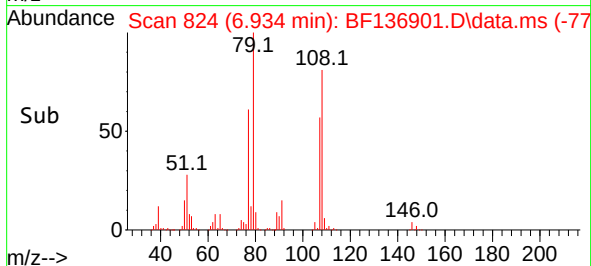
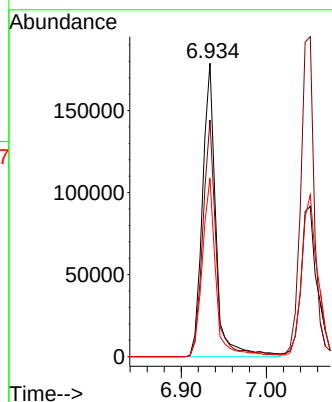
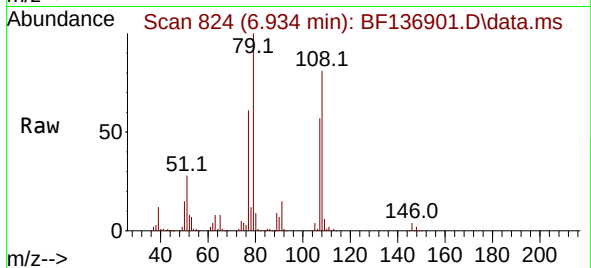




#15
Benzyl Alcohol
Concen: 39.525 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

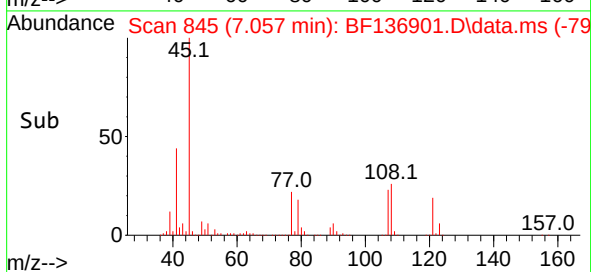
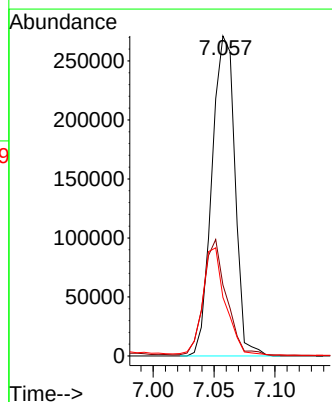
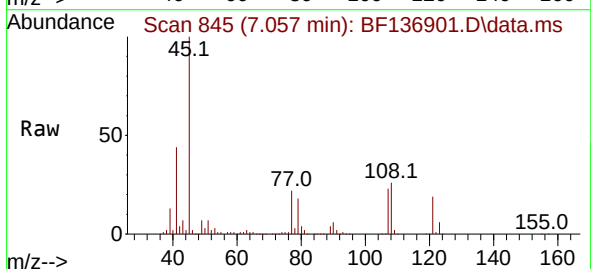
Instrument :
BNA_F
ClientSampleId :
PB157973BS

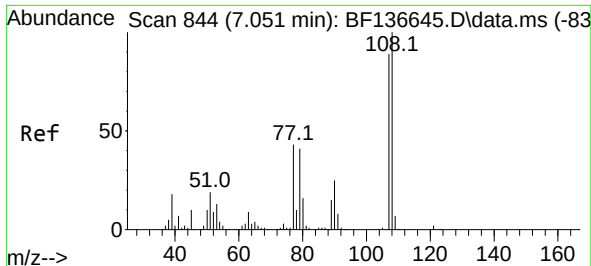
Tgt Ion: 79 Resp: 195472
Ion Ratio Lower Upper
79 100
108 80.6 61.0 91.6
77 60.8 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.668 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

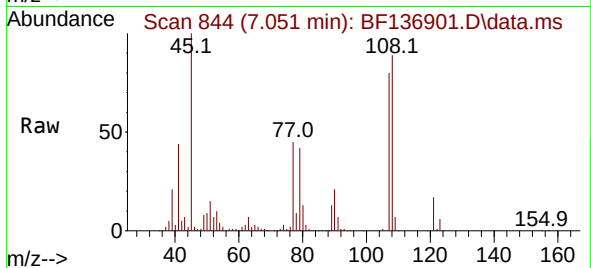
Tgt Ion: 45 Resp: 356777
Ion Ratio Lower Upper
45 100
77 22.2 0.0 34.3
79 18.3 0.0 31.4



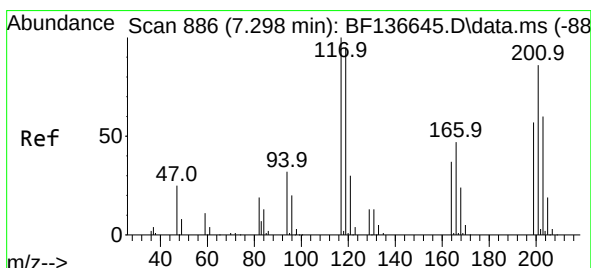
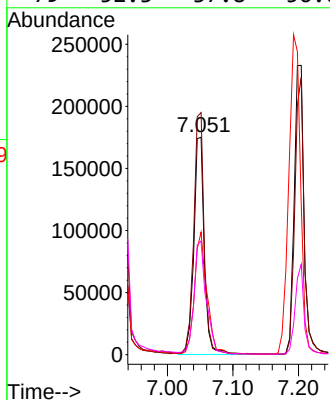
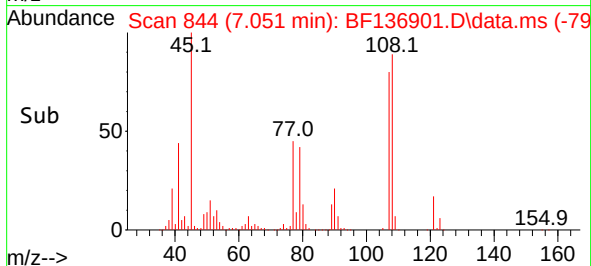


#17
2-Methylphenol
Concen: 37.960 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Instrument :
BNA_F
ClientSampleId :
PB157973BS

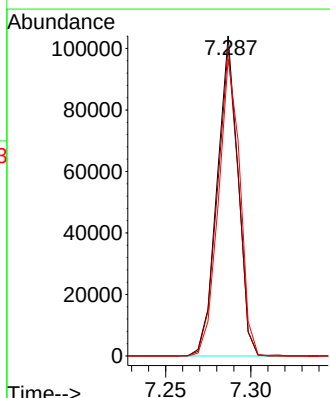
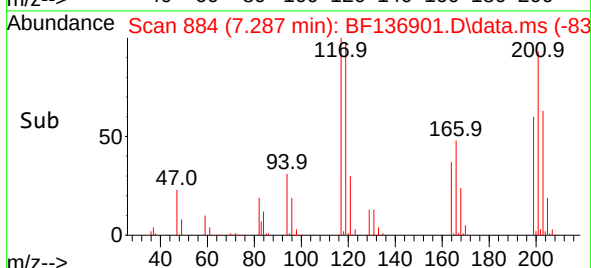
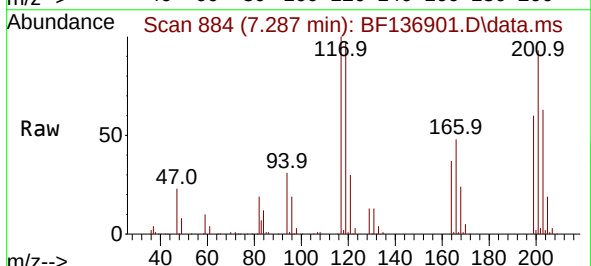


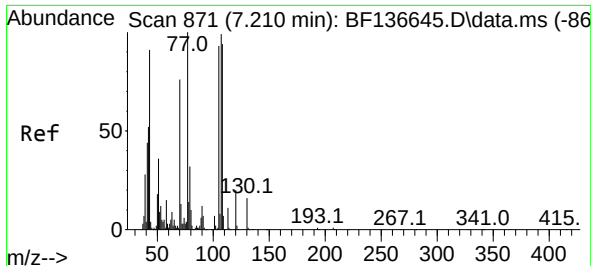
Tgt Ion:	107	Resp:	194694
Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.3	135.5
77	56.3	38.7	58.1
79	52.3	37.8	56.6



#18
Hexachloroethane
Concen: 35.318 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion:	117	Resp:	88513
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.6
201	92.9	69.1	103.7



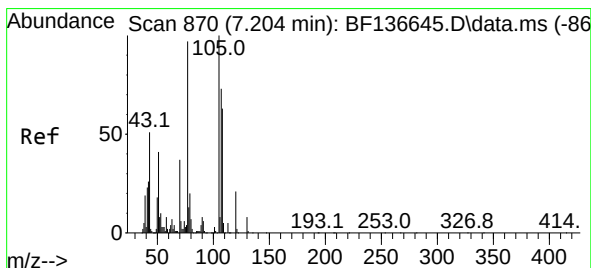
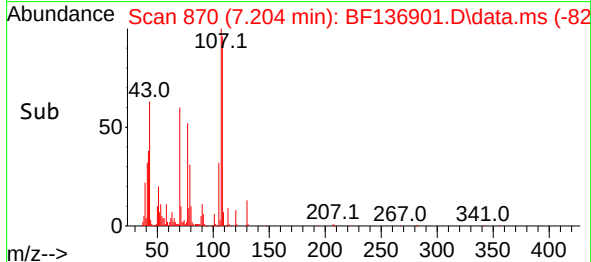
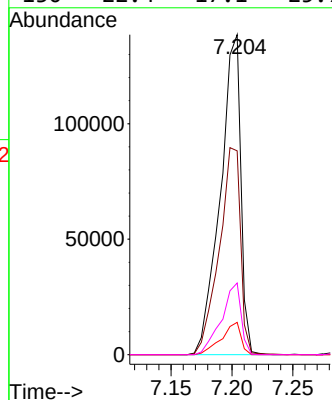
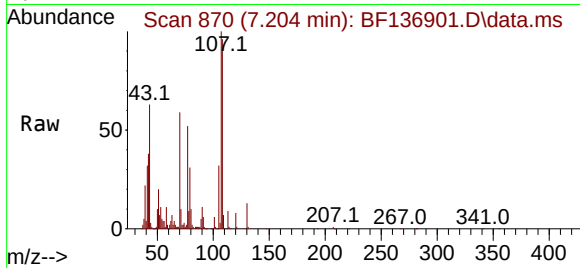


#19
n-Nitroso-di-n-propylamine
Concen: 36.526 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Instrument :
BNA_F
ClientSampleId :
PB157973BS

Tgt Ion: 70 Resp: 162314

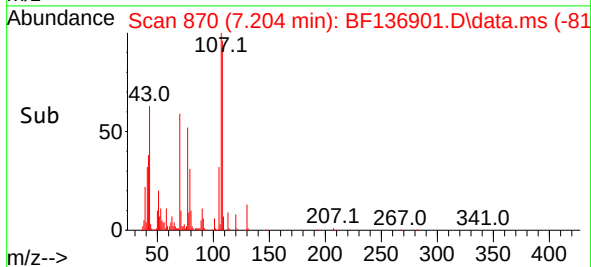
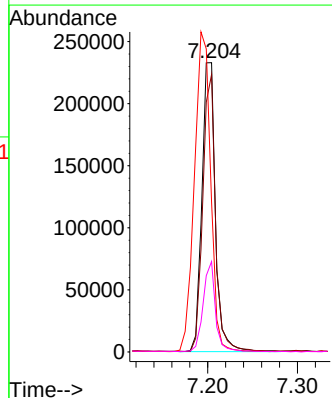
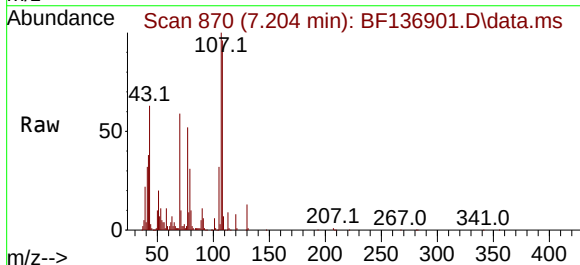
Ion	Ratio	Lower	Upper
70	100		
42	63.7	54.2	81.4
101	10.1	7.6	11.4
130	22.4	17.1	25.7

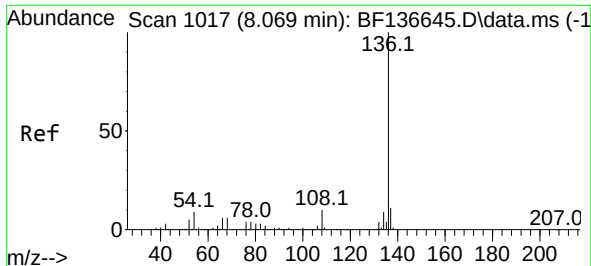


#20
3+4-Methylphenols
Concen: 37.977 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion: 107 Resp: 243342

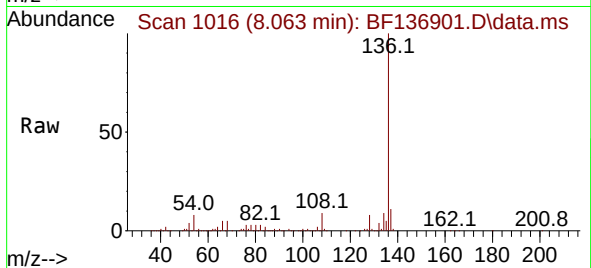
Ion	Ratio	Lower	Upper
107	100		
108	95.9	66.0	106.0
77	51.8	114.2	154.2#
79	31.3	7.2	47.2



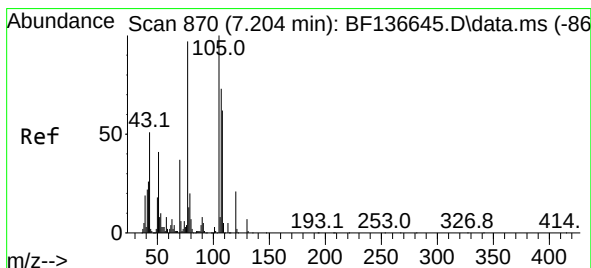
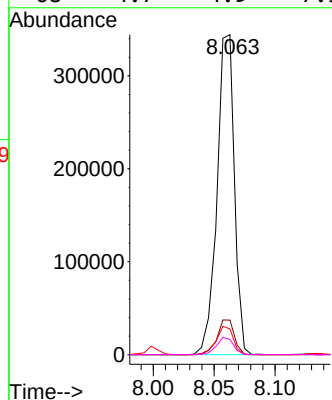
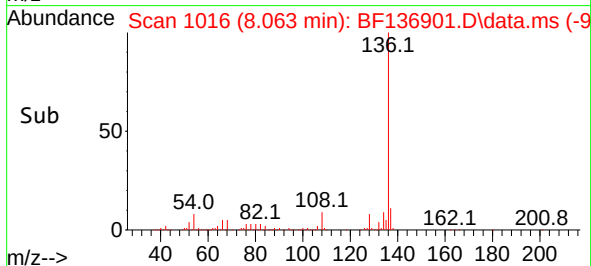


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

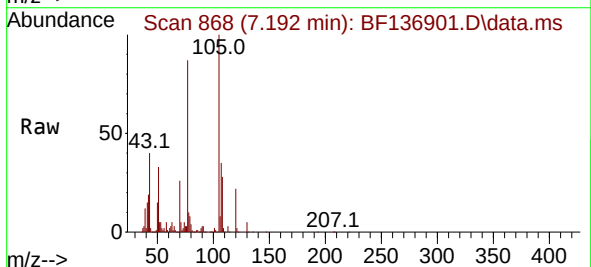
Instrument :
BNA_F
ClientSampleId :
PB157973BS



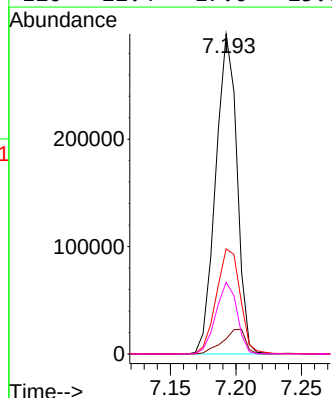
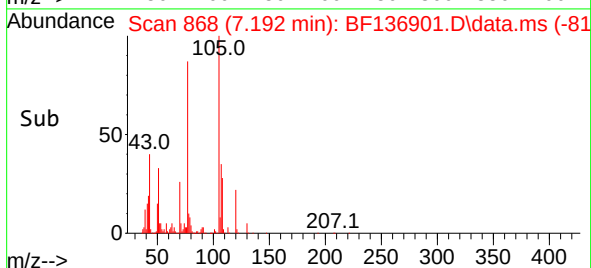
Tgt Ion:136 Resp: 343476
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.1 7.2 10.8
68 4.7 4.9 7.3#

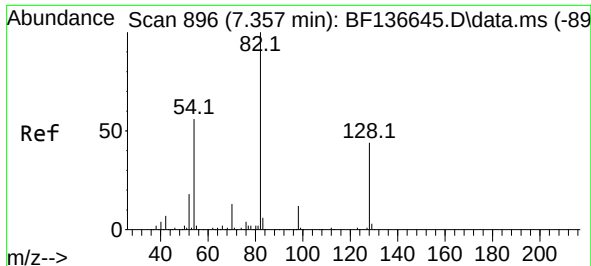


#22
Acetophenone
Concen: 38.997 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33



Tgt Ion:105 Resp: 335729
Ion Ratio Lower Upper
105 100
71 4.7 4.8 7.2#
51 32.8 32.8 49.2
120 22.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 71.794 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

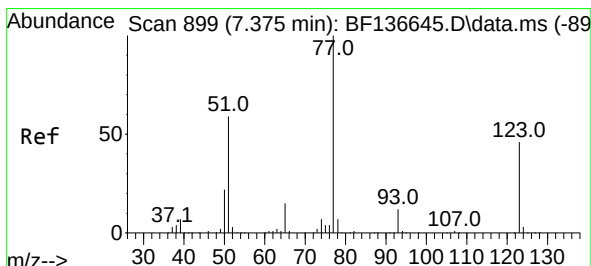
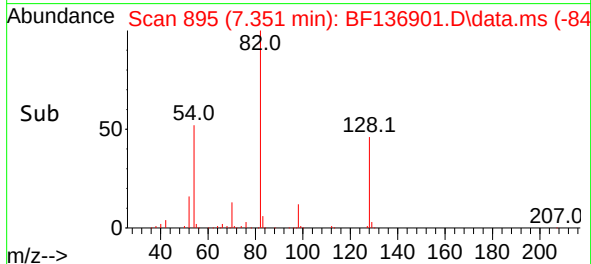
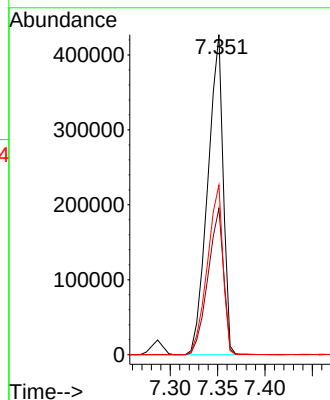
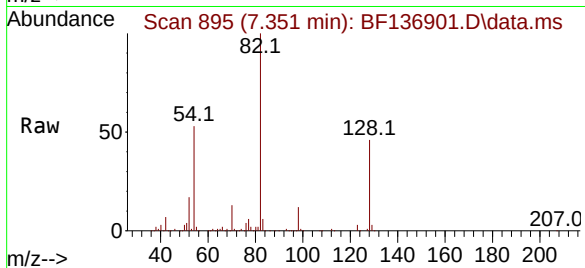
Tgt Ion: 82 Resp: 481901

Ion Ratio Lower Upper

82 100

128 45.8 35.3 52.9

54 53.0 44.5 66.7



#24

Nitrobenzene

Concen: 35.418 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

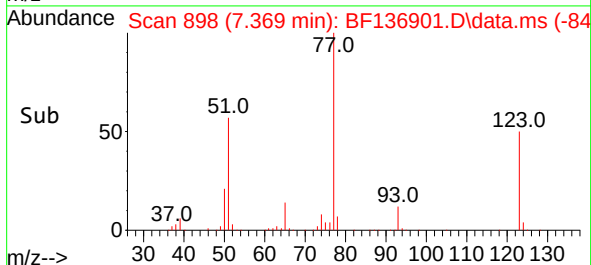
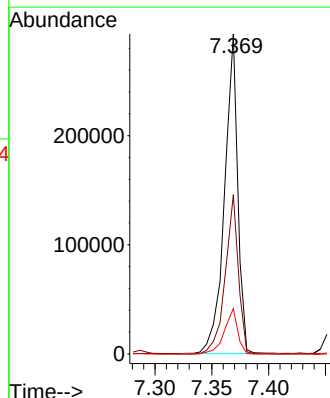
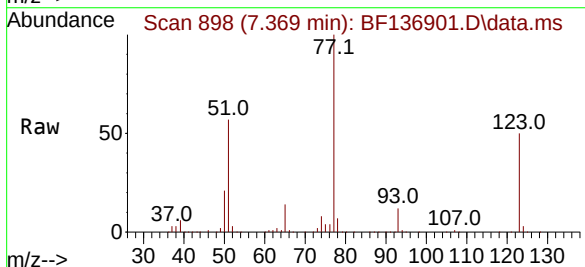
Tgt Ion: 77 Resp: 238147

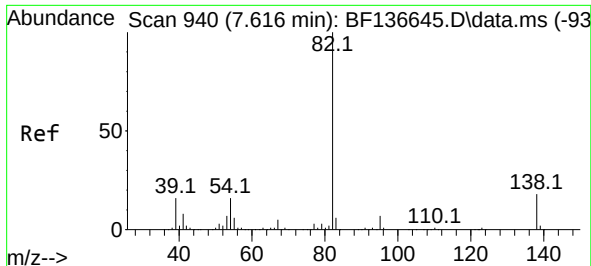
Ion Ratio Lower Upper

77 100

123 49.8 36.7 55.1

65 14.1 11.8 17.6

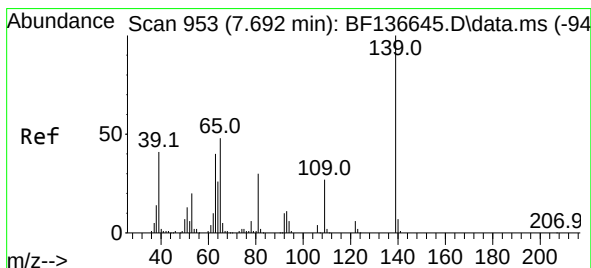
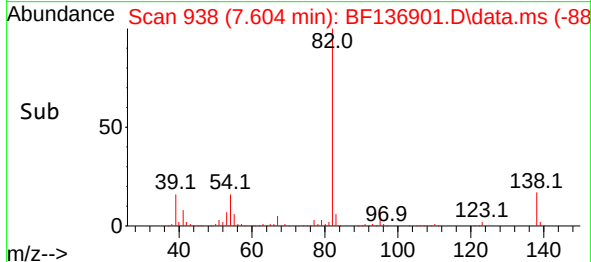
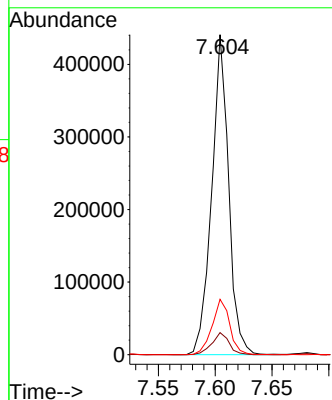
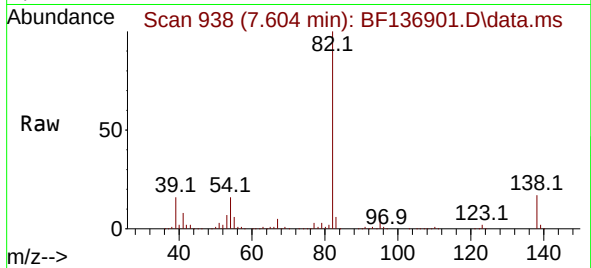




#25
Isophorone
Concen: 37.413 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

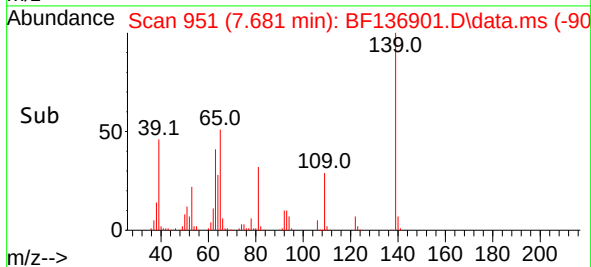
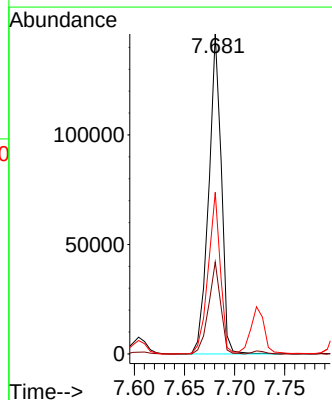
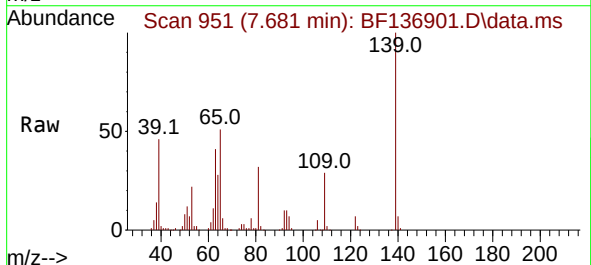
Instrument :
BNA_F
ClientSampleId :
PB157973BS

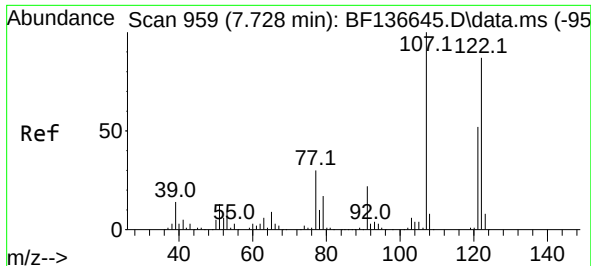
Tgt Ion: 82 Resp: 456950
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.3 14.5 21.7



#26
2-Nitrophenol
Concen: 39.784 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion: 139 Resp: 127987
Ion Ratio Lower Upper
139 100
109 28.7 21.9 32.9
65 50.5 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 54.594 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

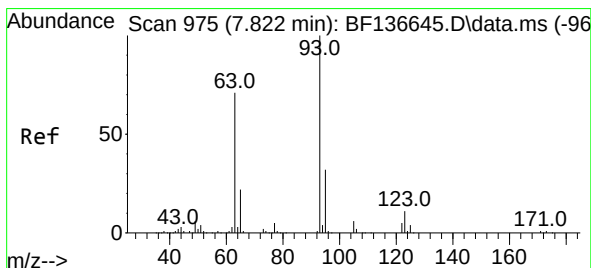
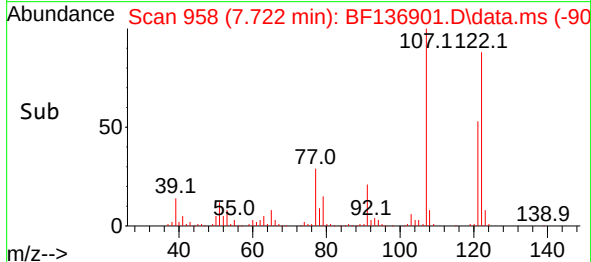
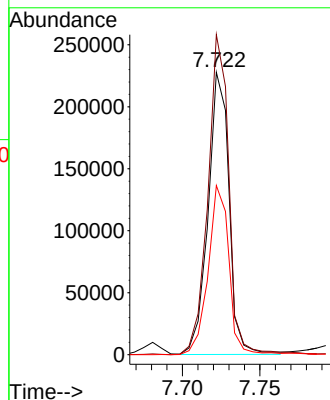
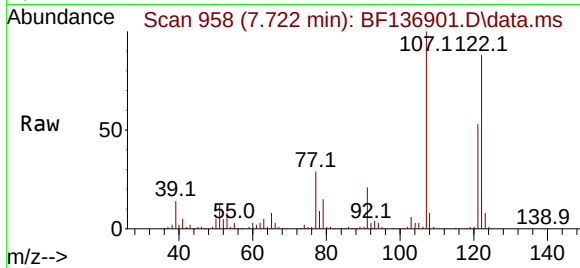
Tgt Ion:122 Resp: 213822

Ion Ratio Lower Upper

122 100

107 113.3 92.0 138.0

121 59.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 37.965 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

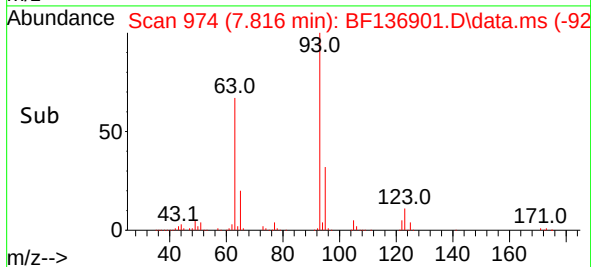
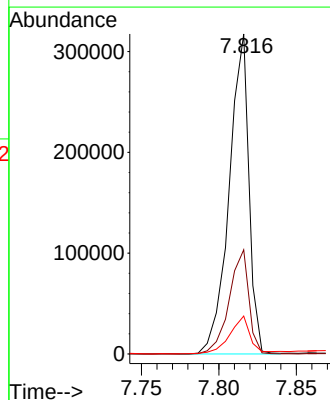
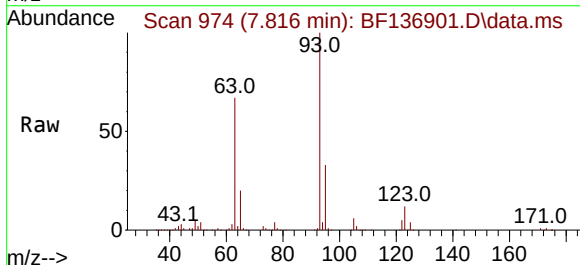
Tgt Ion: 93 Resp: 281855

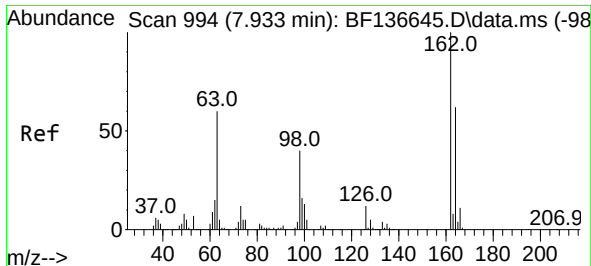
Ion Ratio Lower Upper

93 100

95 32.6 25.5 38.3

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.256 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

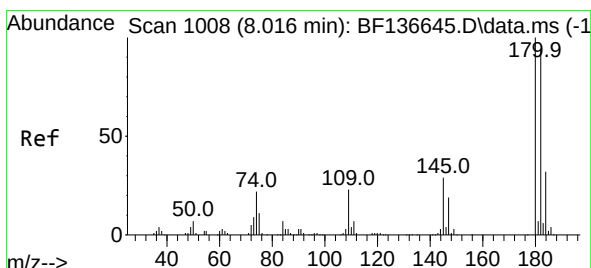
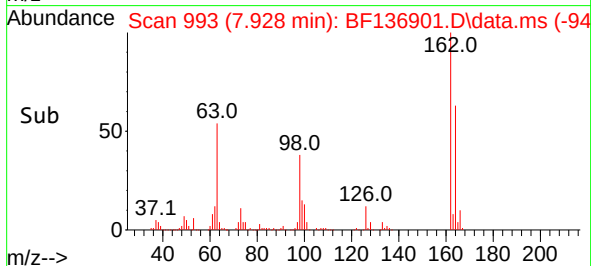
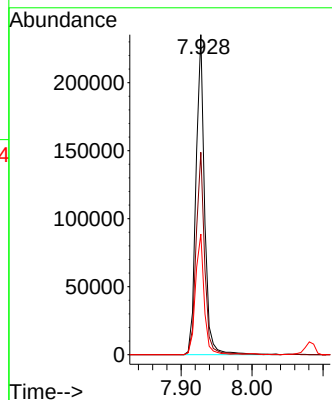
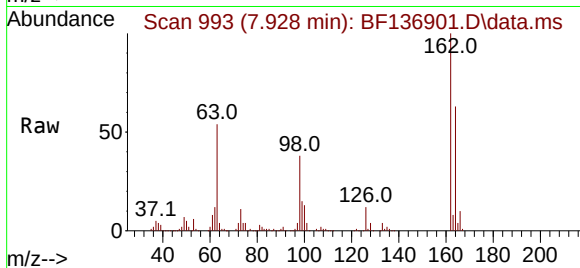
Tgt Ion:162 Resp: 197941

Ion Ratio Lower Upper

162 100

164 63.2 41.7 81.7

98 37.7 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 36.951 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

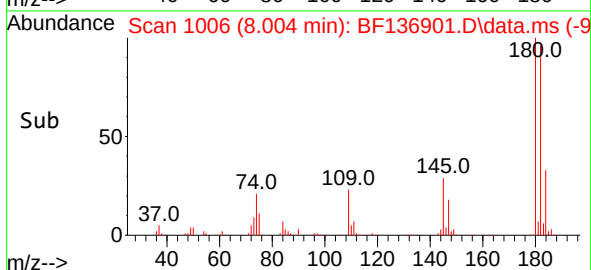
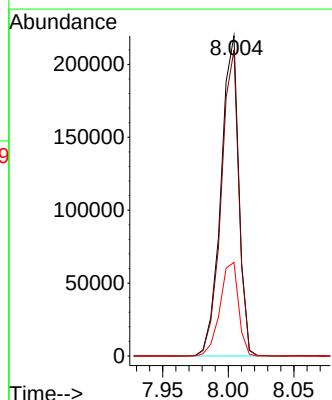
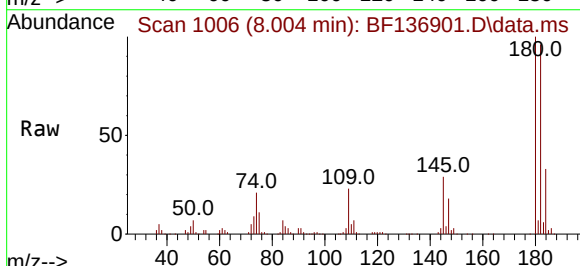
Tgt Ion:180 Resp: 207590

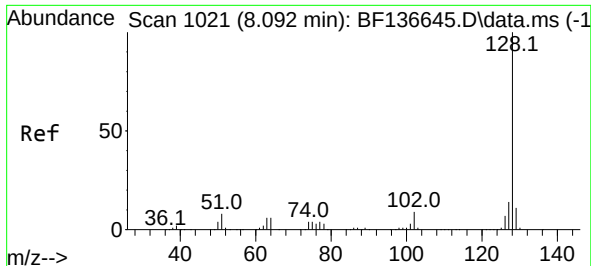
Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.0

145 29.3 23.1 34.7





#31

Naphthalene

Concen: 37.060 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

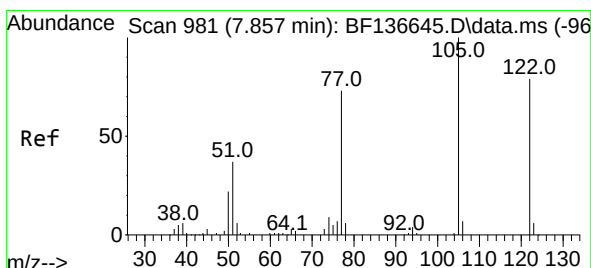
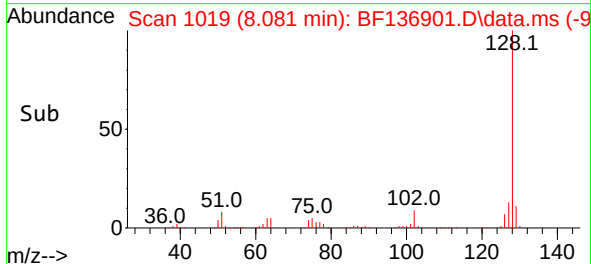
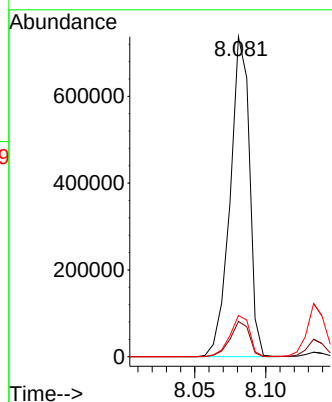
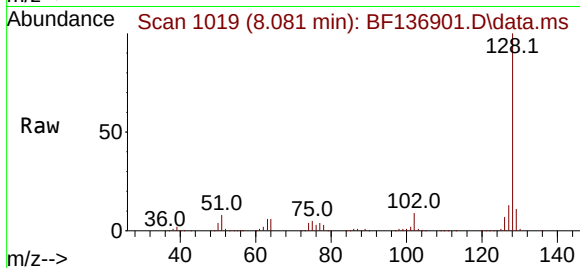
Tgt Ion:128 Resp: 699303

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 12.8 10.8 16.2



#32

Benzoic acid

Concen: 41.947 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.018 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

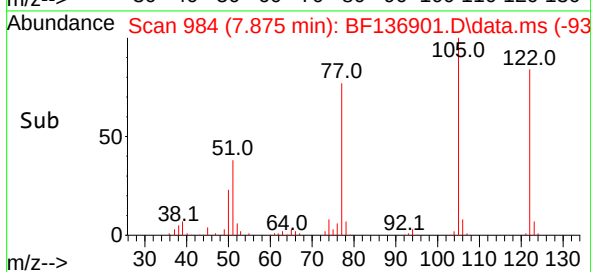
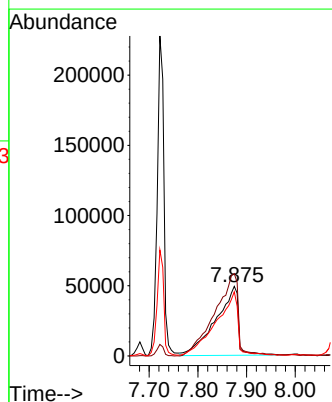
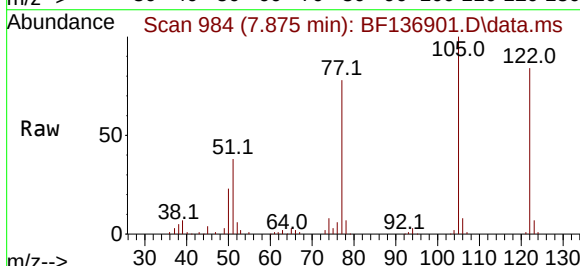
Tgt Ion:122 Resp: 158961

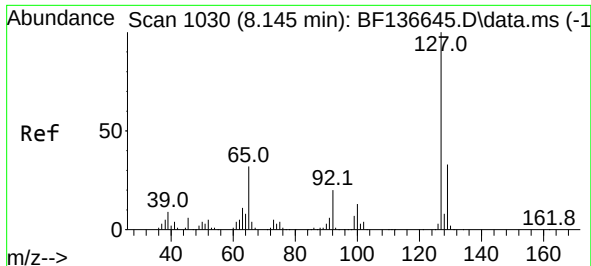
Ion Ratio Lower Upper

122 100

105 118.4 100.8 140.8

77 92.2 70.9 110.9

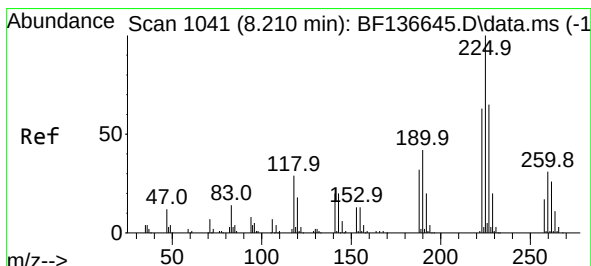
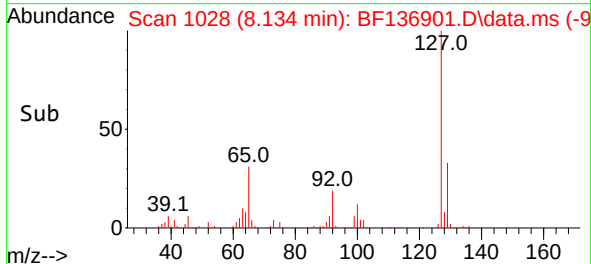
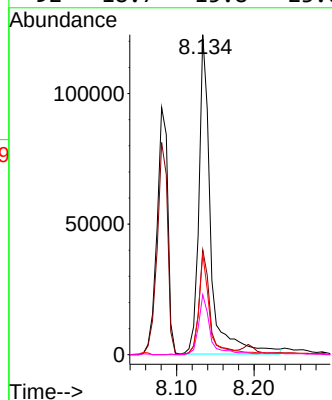
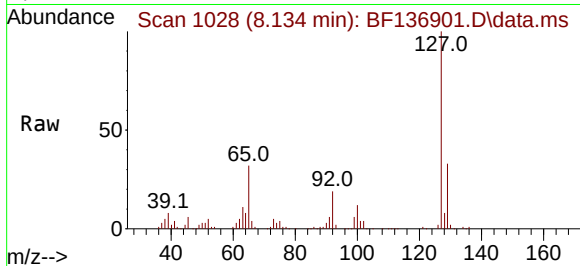




#33
4-Chloroaniline
Concen: 18.593 ng
RT: 8.134 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

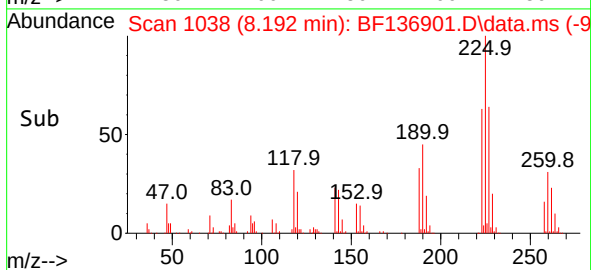
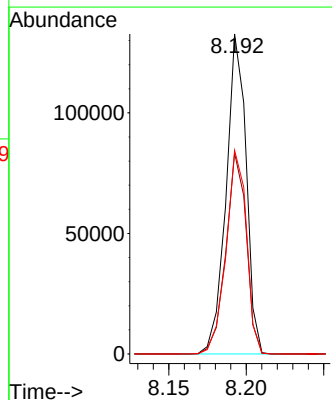
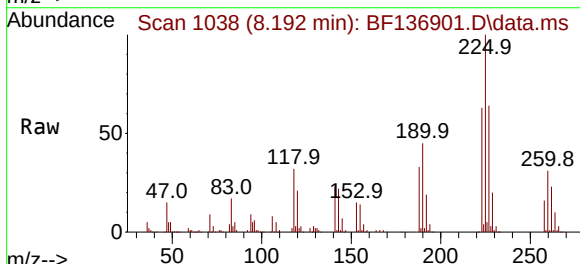
Instrument :
BNA_F
ClientSampleId :
PB157973BS

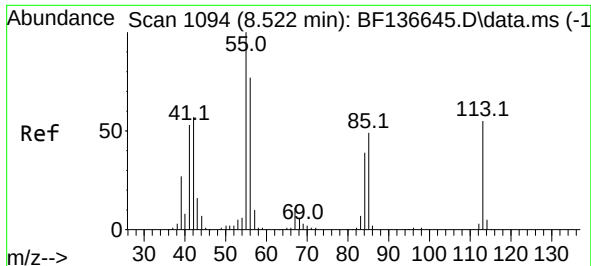
Tgt Ion:	127	Resp:	129536
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	31.6	25.8	38.8
92	18.7	15.8	23.6



#34
Hexachlorobutadiene
Concen: 34.968 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion:	225	Resp:	119355
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.7	51.9	77.9

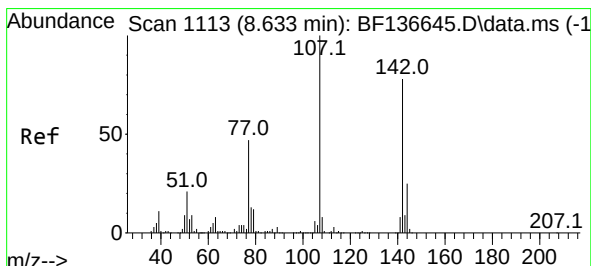
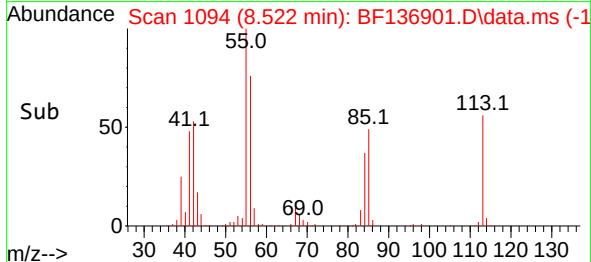
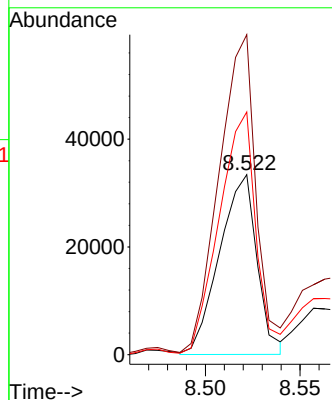
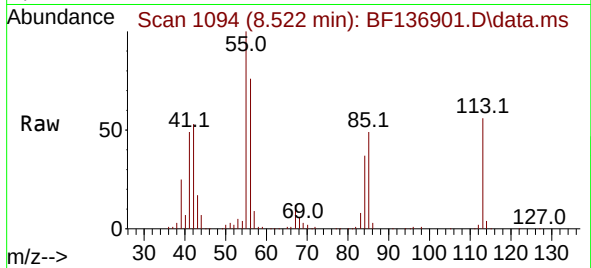




#35
 Caprolactam
 Concen: 27.570 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF136901.D
 Acq: 03 Jan 2024 11:33

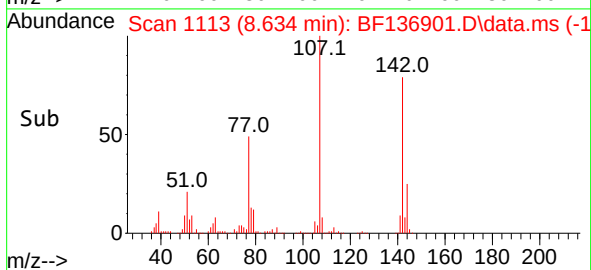
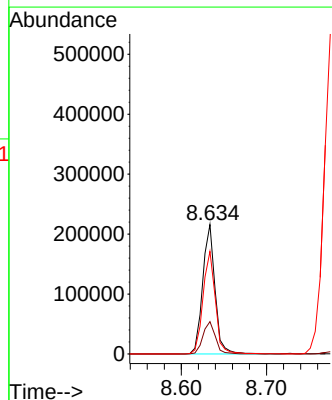
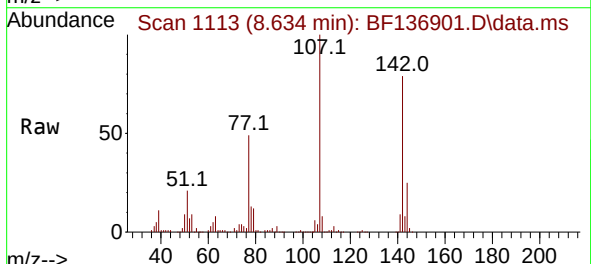
Instrument :
 BNA_F
 ClientSampleId :
 PB157973BS

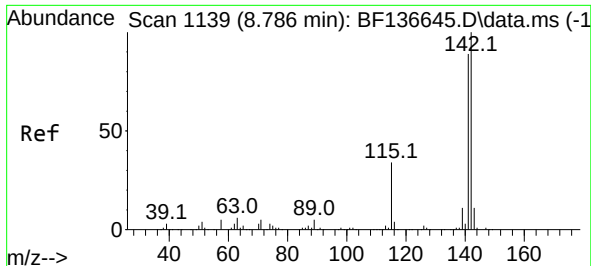
Tgt Ion:113 Resp: 45860
 Ion Ratio Lower Upper
 113 100
 55 177.8 163.1 203.1
 56 134.9 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.297 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136901.D
 Acq: 03 Jan 2024 11:33

Tgt Ion:107 Resp: 217394
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.2 30.2
 142 79.3 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.649 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

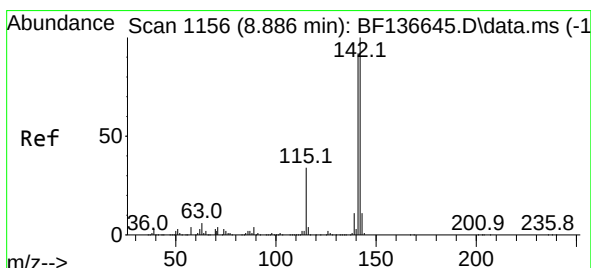
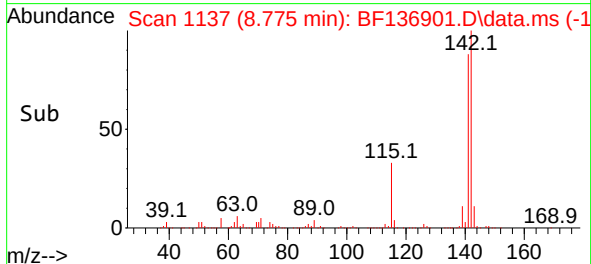
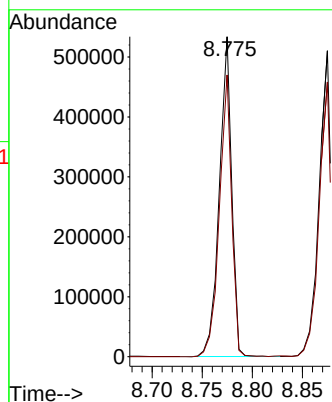
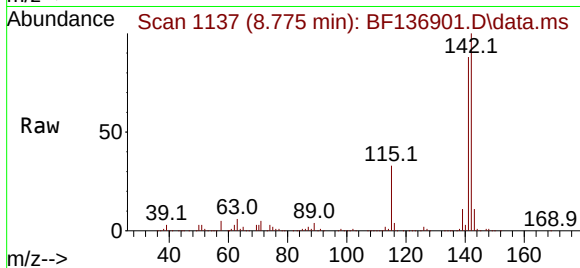
PB157973BS

Tgt Ion:142 Resp: 457205

Ion Ratio Lower Upper

142 100

141 88.0 71.1 106.7



#38

1-Methylnaphthalene

Concen: 35.920 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136901.D

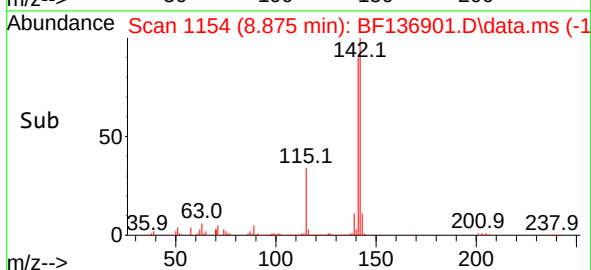
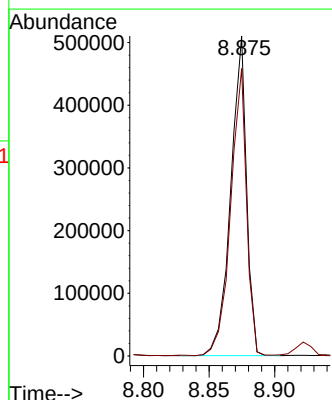
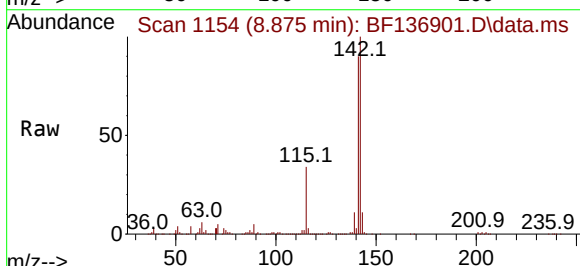
Acq: 03 Jan 2024 11:33

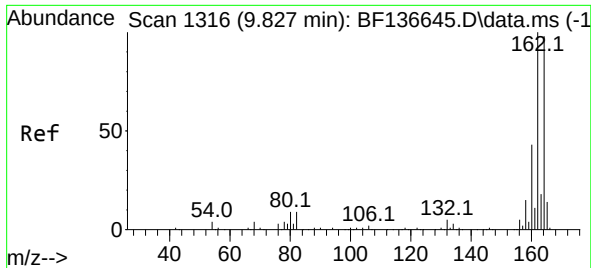
Tgt Ion:142 Resp: 427965

Ion Ratio Lower Upper

142 100

141 89.8 73.6 110.4

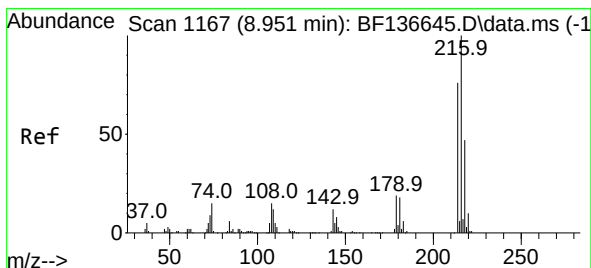
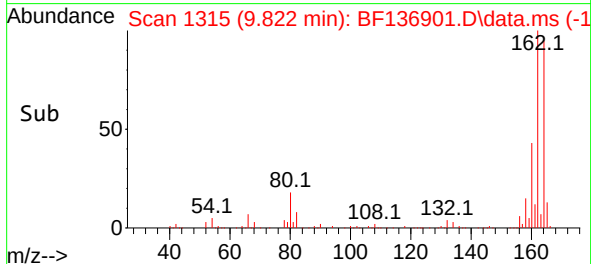
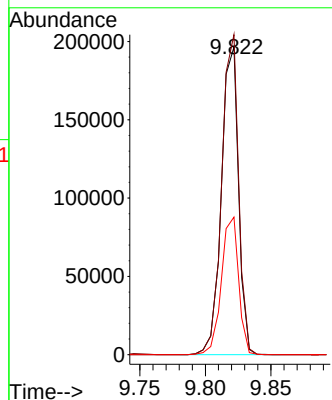
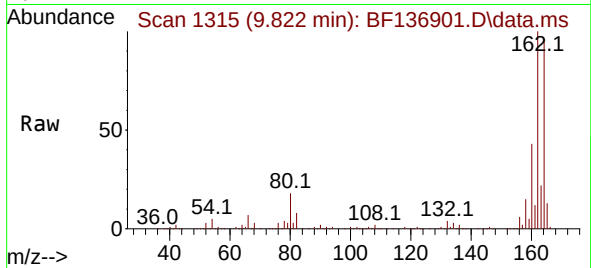




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

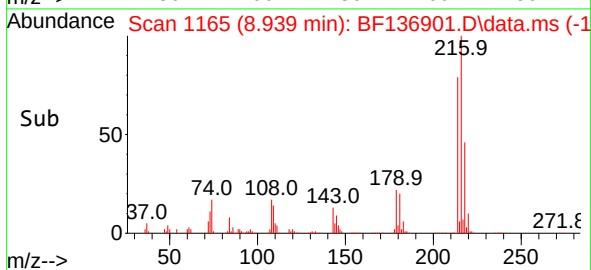
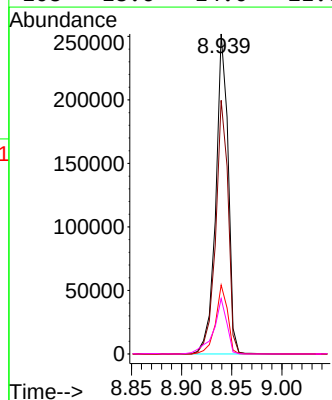
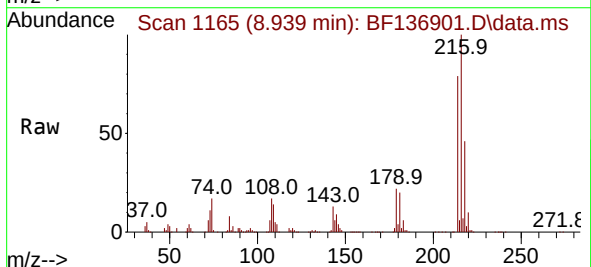
Instrument :
BNA_F
ClientSampleId :
PB157973BS

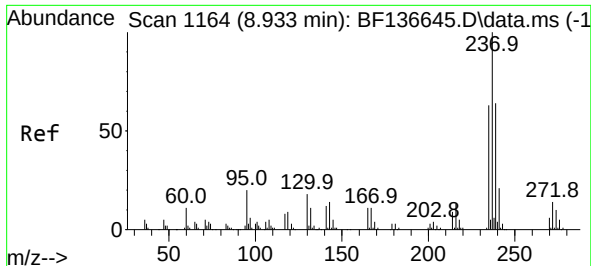
Tgt Ion:164 Resp: 177890
Ion Ratio Lower Upper
164 100
162 104.0 81.6 122.4
160 44.7 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.019 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

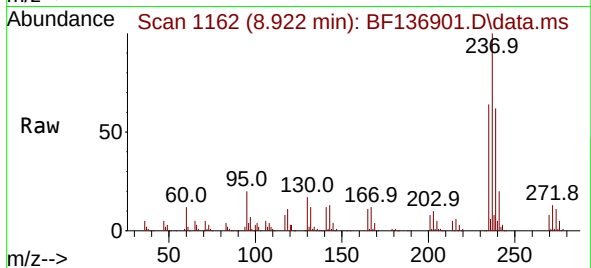
Tgt Ion:216 Resp: 214963
Ion Ratio Lower Upper
216 100
214 79.8 62.3 93.5
179 21.0 16.4 24.6
108 18.6 14.0 21.0



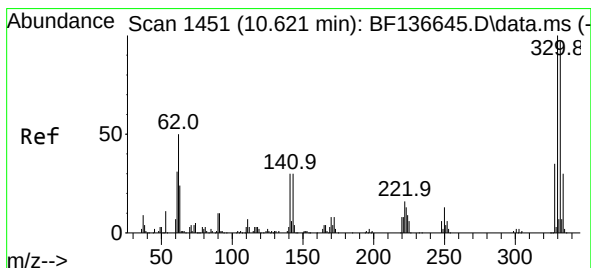
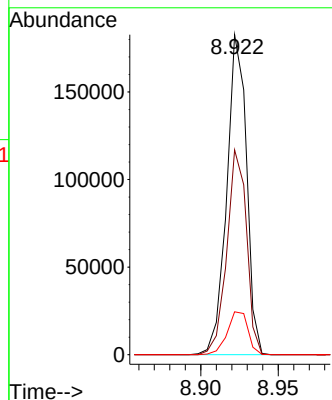
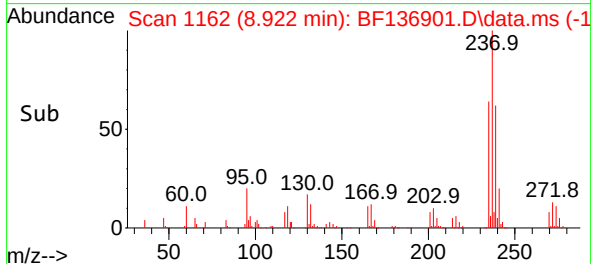


#41
Hexachlorocyclopentadiene
Concen: 91.560 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

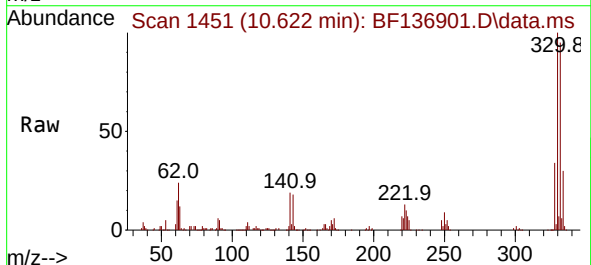
Instrument :
BNA_F
ClientSampleId :
PB157973BS



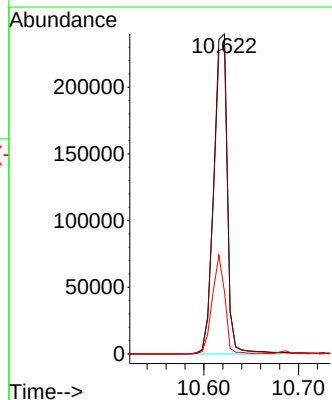
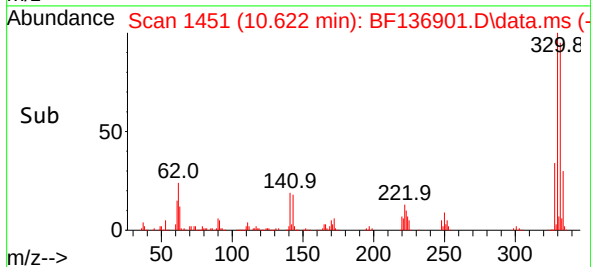
Tgt Ion:237 Resp: 162155
Ion Ratio Lower Upper
237 100
235 64.0 43.2 83.2
272 13.4 0.0 34.2

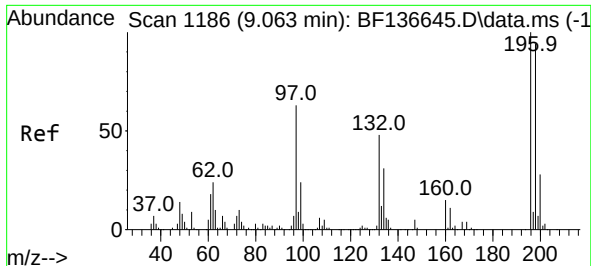


#42
2,4,6-Tribromophenol
Concen: 114.267 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33



Tgt Ion:330 Resp: 239395
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 28.6 23.4 35.2

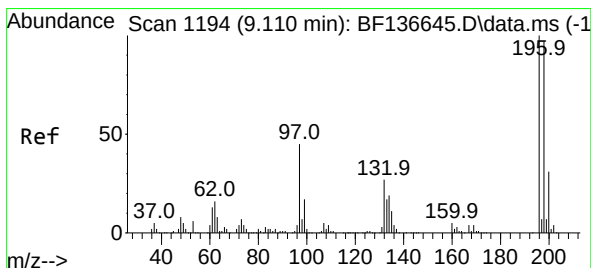
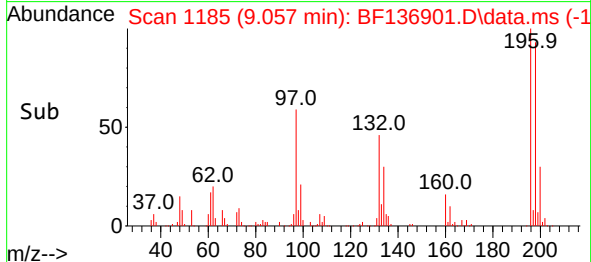
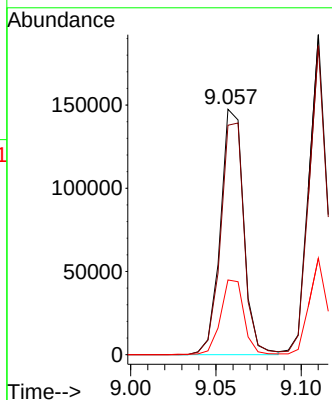
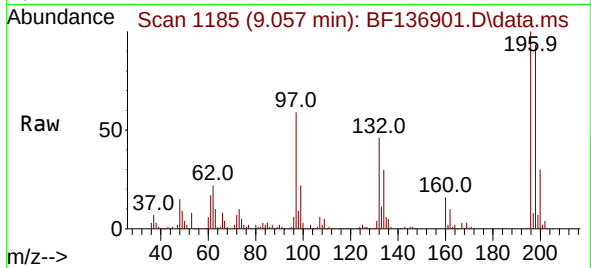




#43
2,4,6-Trichlorophenol
Concen: 39.699 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

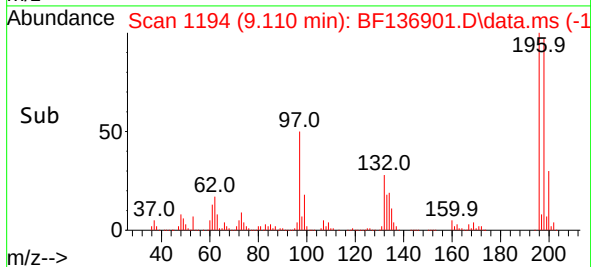
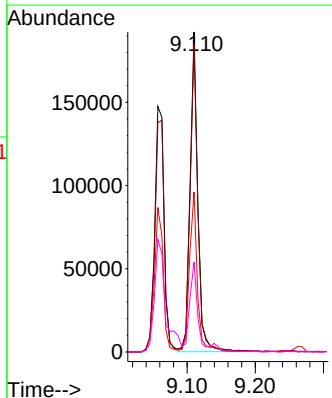
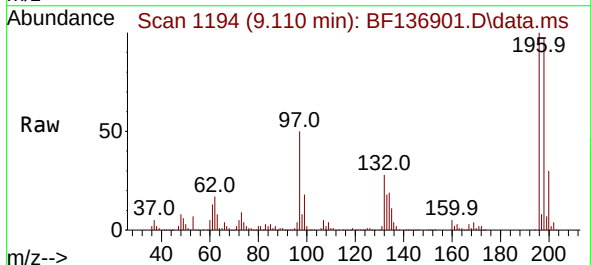
Instrument :
BNA_F
ClientSampleId :
PB157973BS

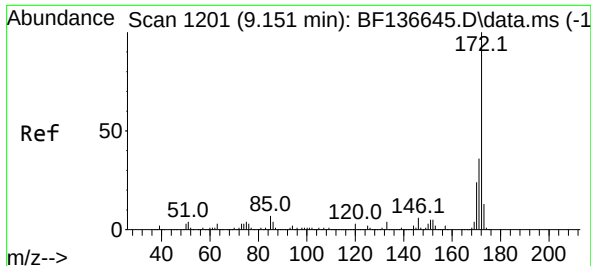
Tgt Ion:196 Resp: 140261
Ion Ratio Lower Upper
196 100
198 93.5 75.1 112.7
200 30.5 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 38.590 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion:196 Resp: 151935
Ion Ratio Lower Upper
196 100
198 96.6 77.0 115.6
97 49.9 36.1 54.1
132 28.1 21.8 32.6

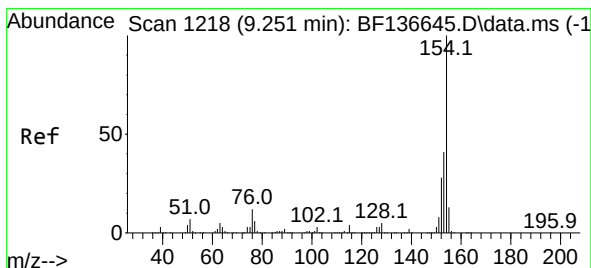
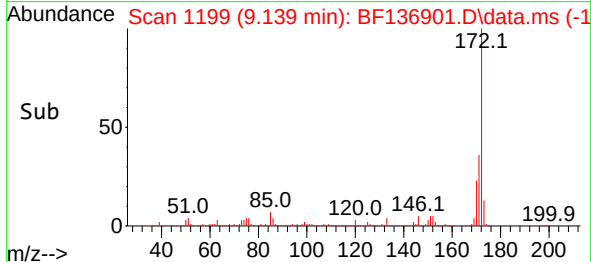
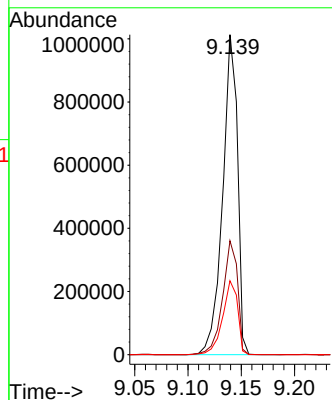
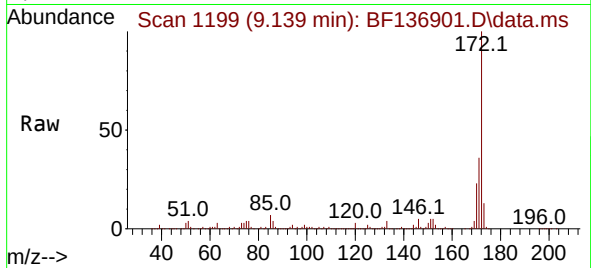




#45
2-Fluorobiphenyl
Concen: 73.939 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

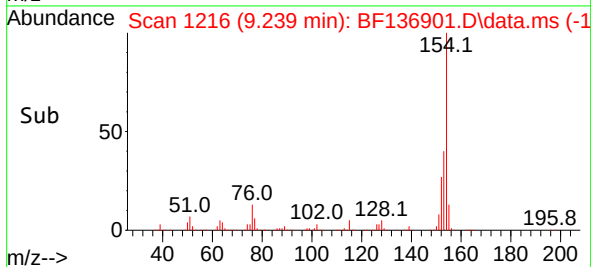
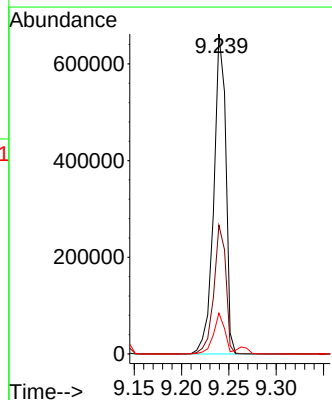
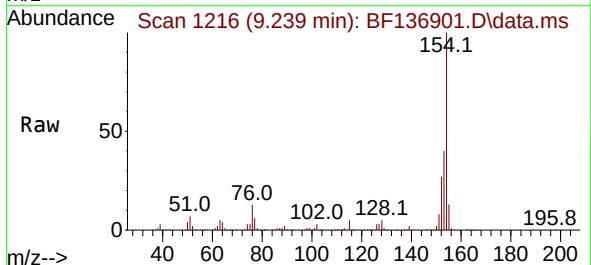
Instrument :
BNA_F
ClientSampleId :
PB157973BS

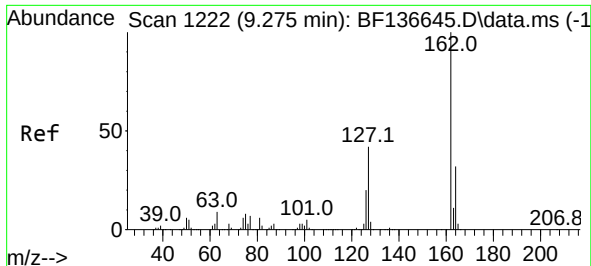
Tgt Ion:172 Resp: 977931
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.1 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.225 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion:154 Resp: 585537
Ion Ratio Lower Upper
154 100
153 40.2 21.1 61.1
76 12.8 0.0 31.7

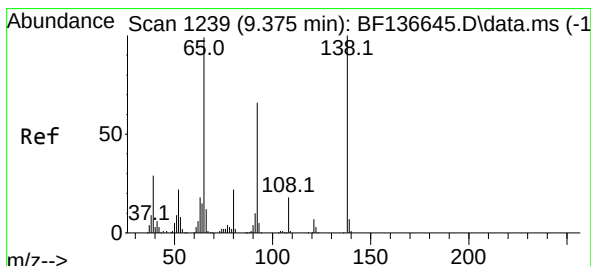
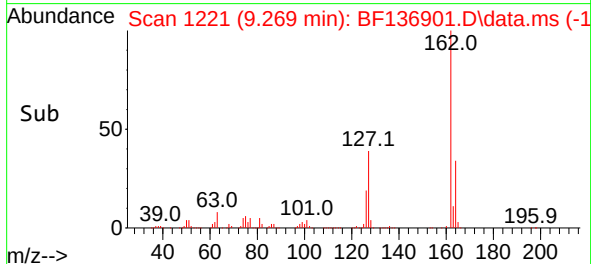
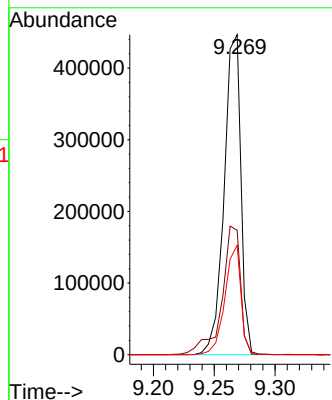
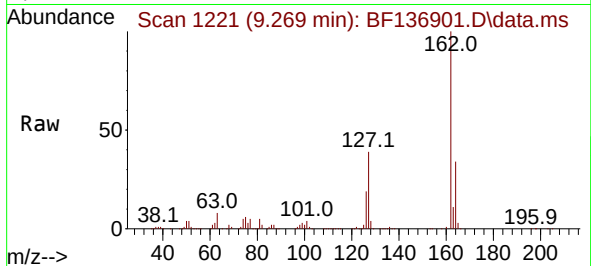




#47
2-Chloronaphthalene
Concen: 37.867 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

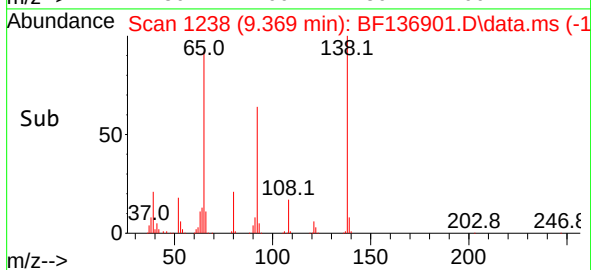
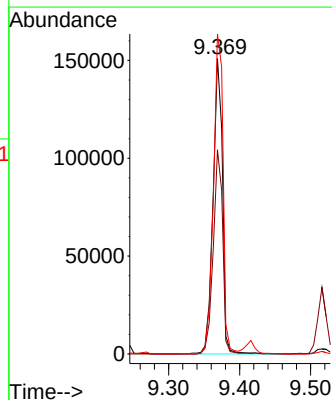
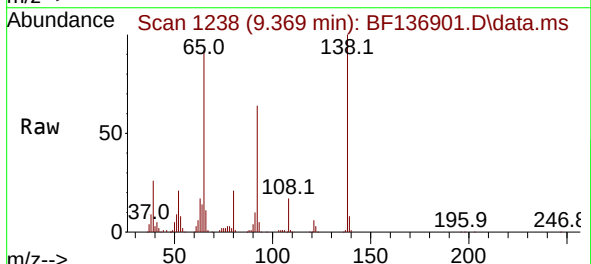
Instrument :
BNA_F
ClientSampleId :
PB157973BS

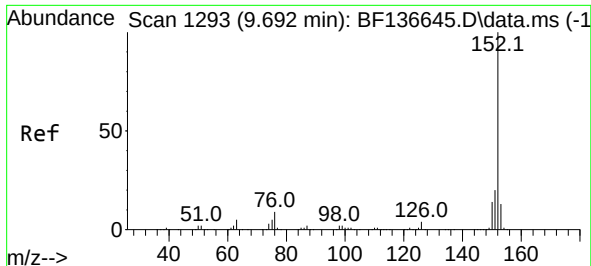
Tgt Ion:162 Resp: 429730
Ion Ratio Lower Upper
162 100
127 38.9 33.6 50.4
164 34.2 25.7 38.5



#48
2-Nitroaniline
Concen: 39.392 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion: 65 Resp: 139988
Ion Ratio Lower Upper
65 100
92 69.1 53.2 79.8
138 108.4 81.1 121.7





#49

Acenaphthylene

Concen: 39.380 ng

RT: 9.681 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

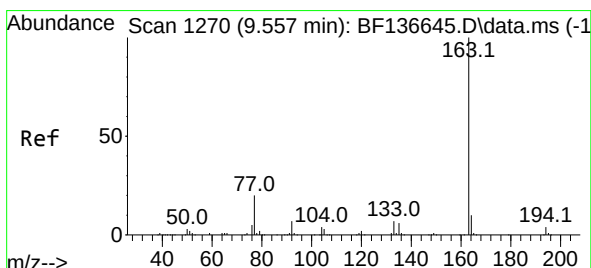
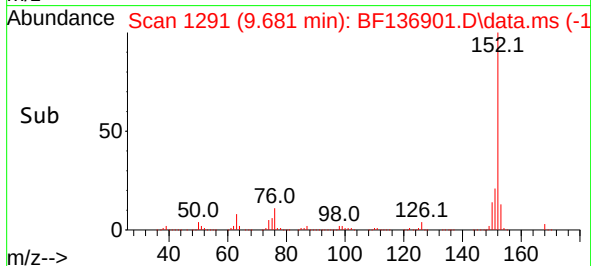
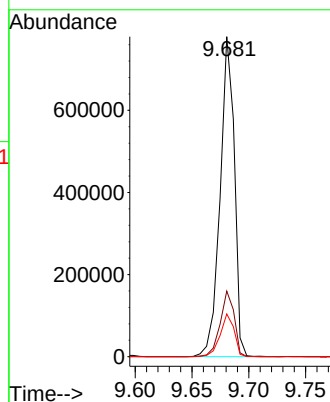
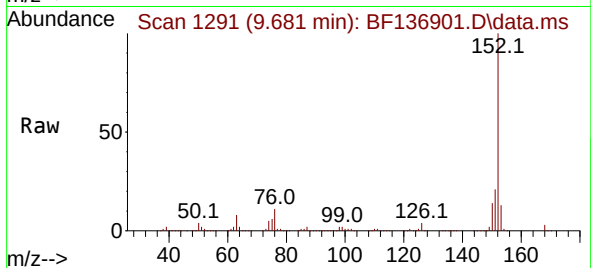
Tgt Ion:152 Resp: 683072

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.4 10.2 15.2



#50

Dimethylphthalate

Concen: 40.012 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

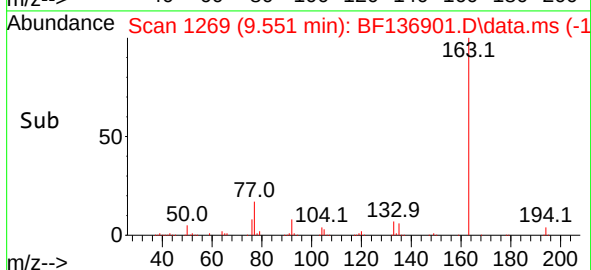
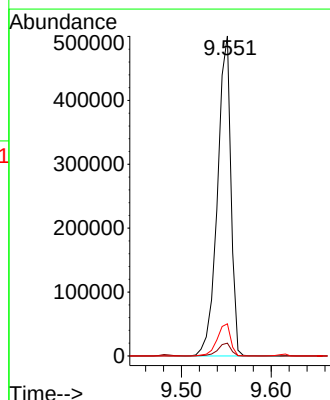
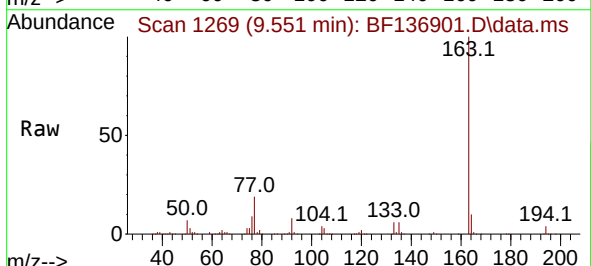
Tgt Ion:163 Resp: 519892

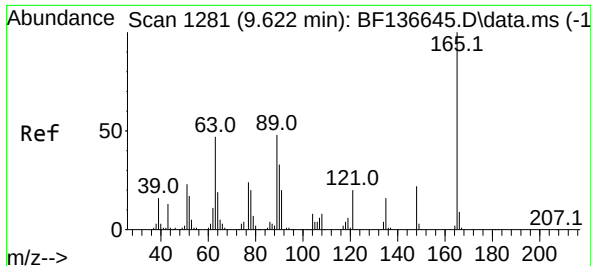
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.1 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 38.509 ng

RT: 9.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

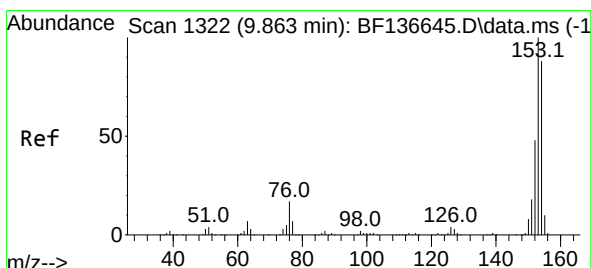
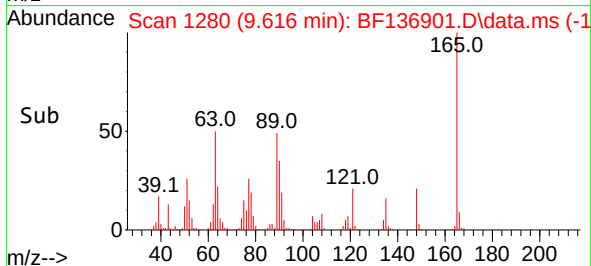
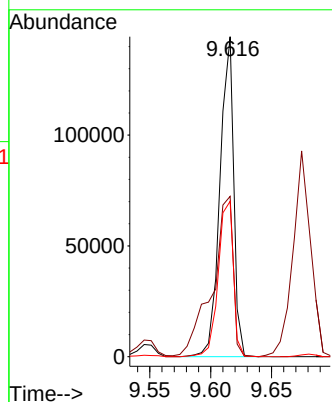
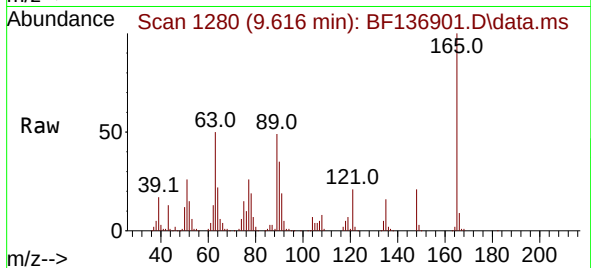
Tgt Ion:165 Resp: 113558

Ion Ratio Lower Upper

165 100

63 50.1 39.8 59.6

89 48.6 38.8 58.2



#52

Acenaphthene

Concen: 38.930 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

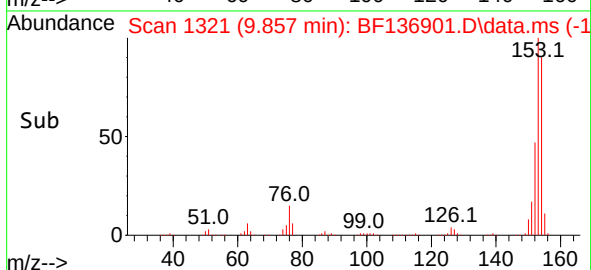
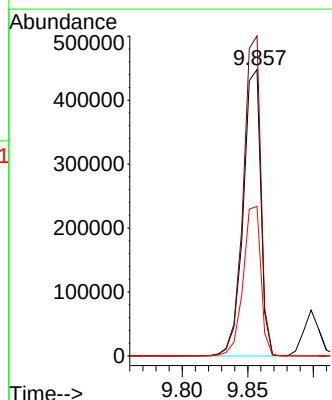
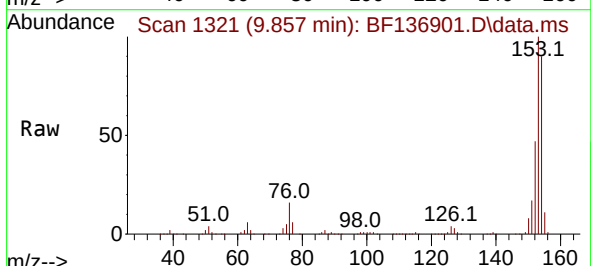
Tgt Ion:154 Resp: 418581

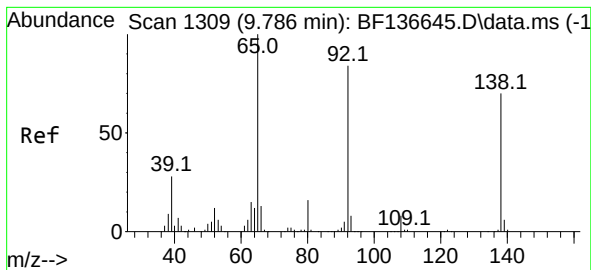
Ion Ratio Lower Upper

154 100

153 111.7 90.7 136.1

152 52.2 43.7 65.5





#53

3-Nitroaniline

Concen: 29.977 ng

RT: 9.786 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

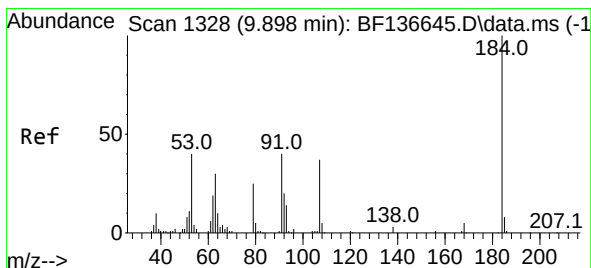
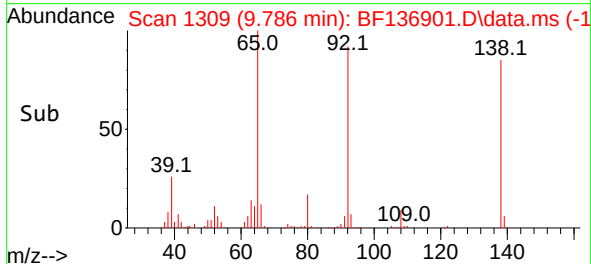
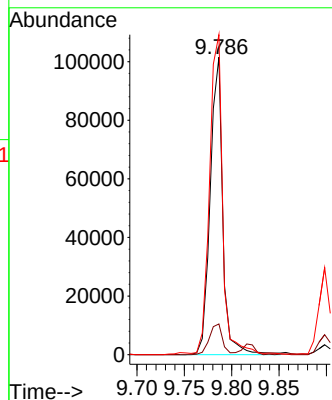
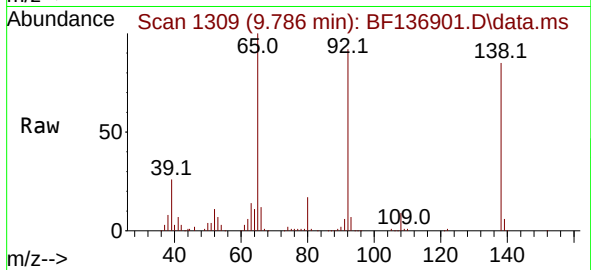
Tgt Ion:138 Resp: 93643

Ion Ratio Lower Upper

138 100

108 10.3 8.6 12.8

92 107.6 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 68.684 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

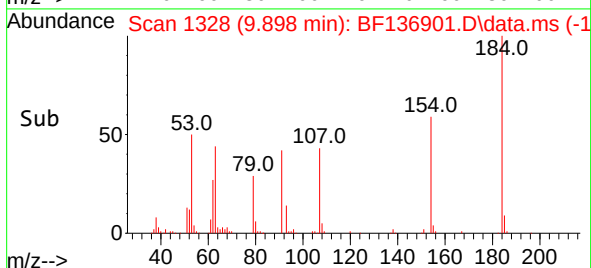
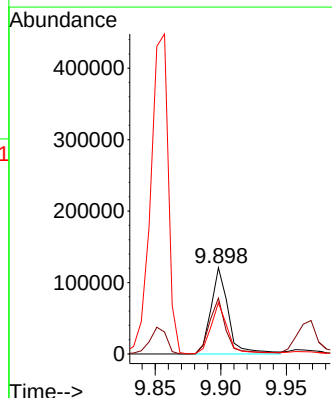
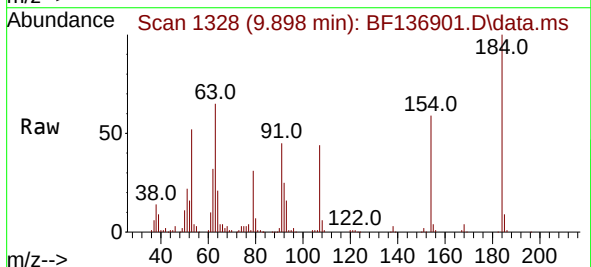
Tgt Ion:184 Resp: 111348

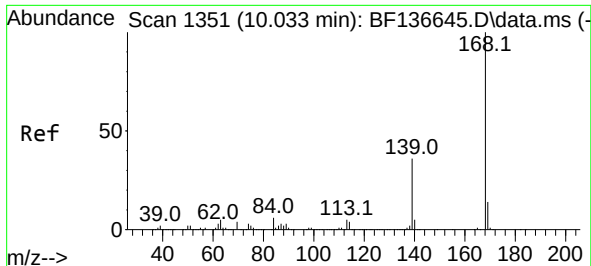
Ion Ratio Lower Upper

184 100

63 64.8 40.9 61.3#

154 59.5 42.7 64.1

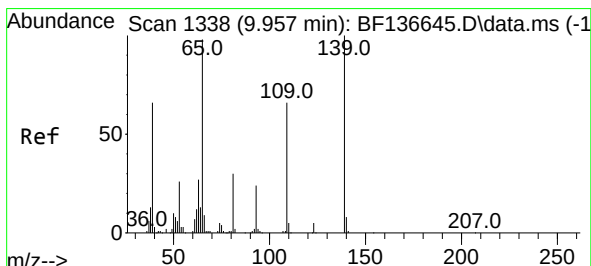
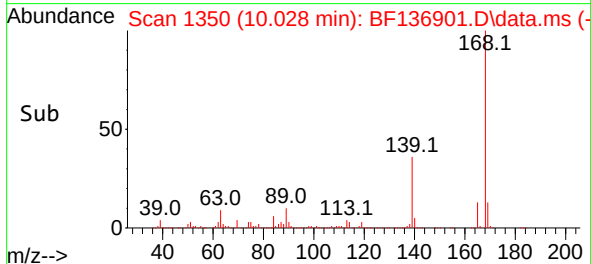
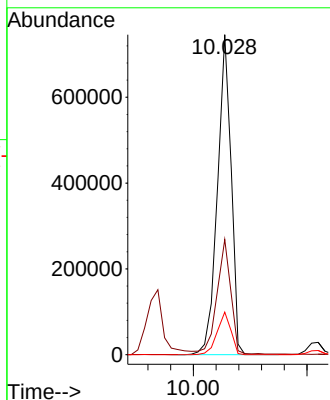
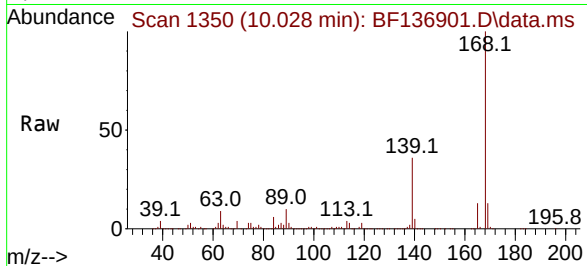




#55
Dibenzenofuran
Concen: 38.337 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

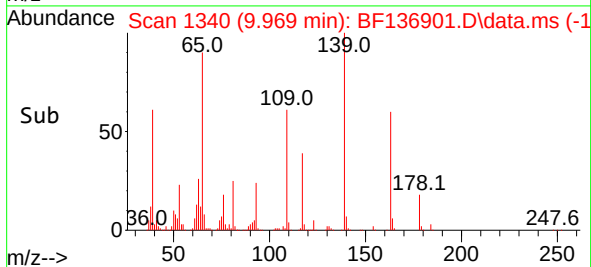
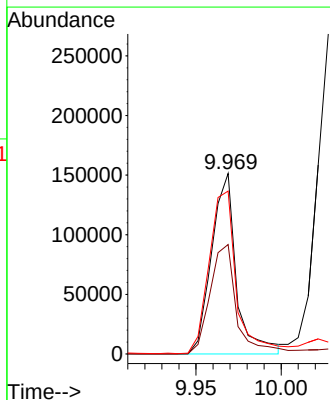
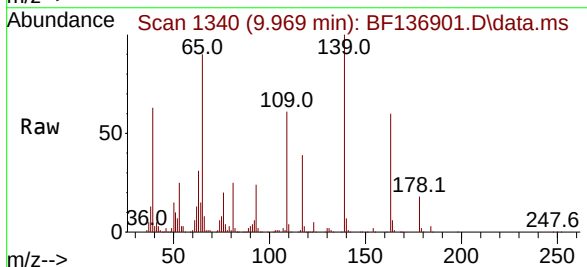
Instrument :
BNA_F
ClientSampleId :
PB157973BS

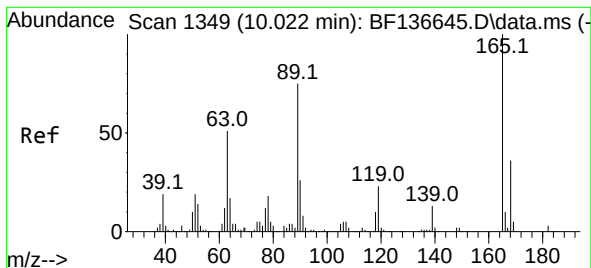
Tgt Ion:168 Resp: 624860
Ion Ratio Lower Upper
168 100
139 36.0 29.3 43.9
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 72.812 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion:139 Resp: 153543
Ion Ratio Lower Upper
139 100
109 60.6 45.8 85.8
65 90.3 77.8 117.8

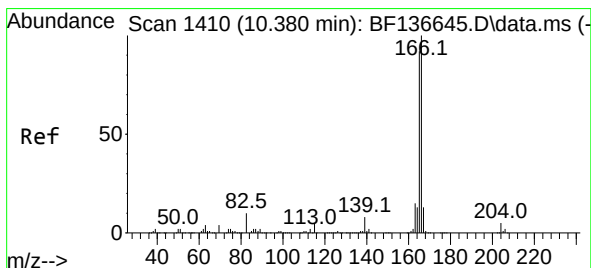
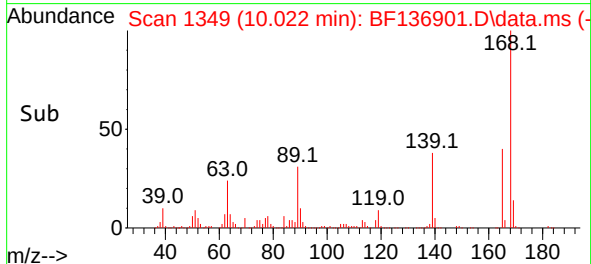
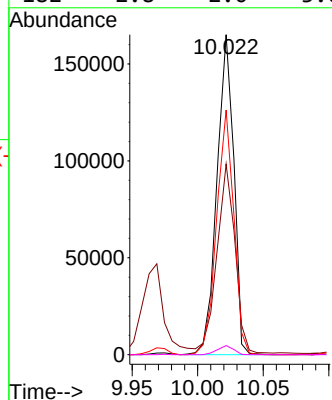
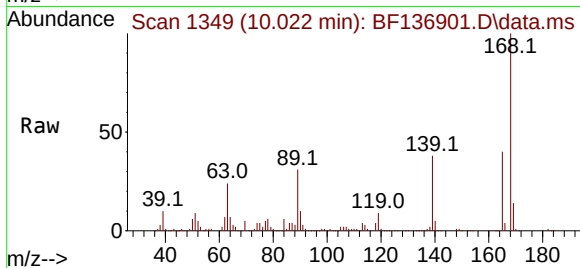




#57
2,4-Dinitrotoluene
Concen: 38.410 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

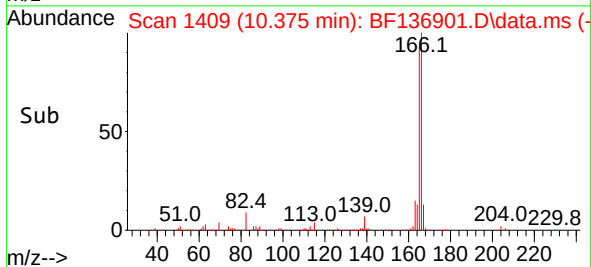
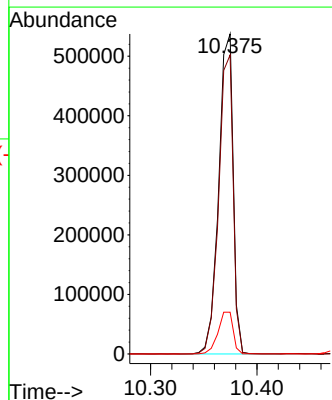
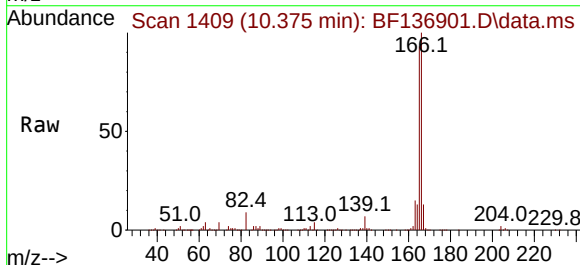
Instrument :
BNA_F
ClientSampleId :
PB157973BS

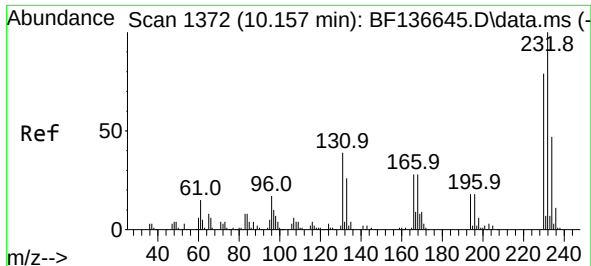
Tgt Ion:165 Resp: 147042
Ion Ratio Lower Upper
165 100
63 59.5 41.0 61.6
89 76.4 59.9 89.9
182 2.8 2.0 3.0



#58
Fluorene
Concen: 39.037 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion:166 Resp: 504847
Ion Ratio Lower Upper
166 100
165 93.5 73.7 110.5
167 13.1 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.069 ng

RT: 10.151 min Scan# 1371

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

Tgt Ion:232 Resp: 130532

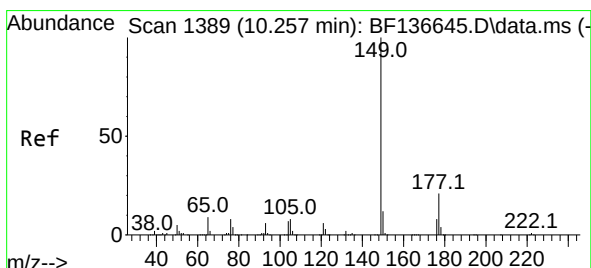
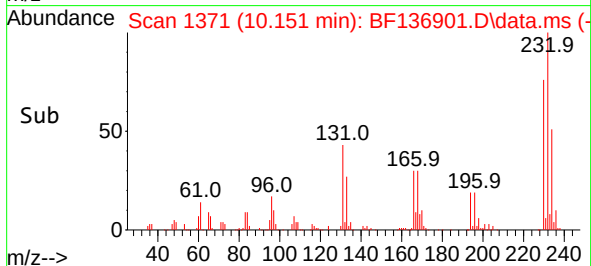
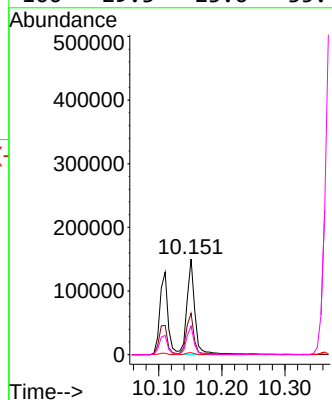
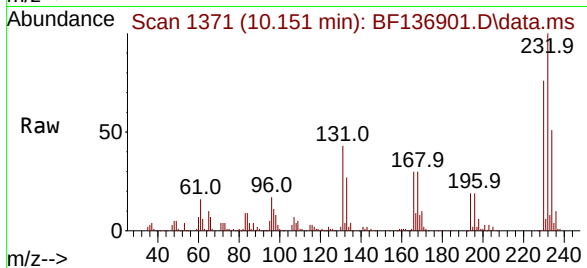
Ion Ratio Lower Upper

232 100

131 42.7 35.1 52.7

130 2.4 1.6 2.4

166 29.3 23.6 35.4



#60

Diethylphthalate

Concen: 39.083 ng

RT: 10.251 min Scan# 1388

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

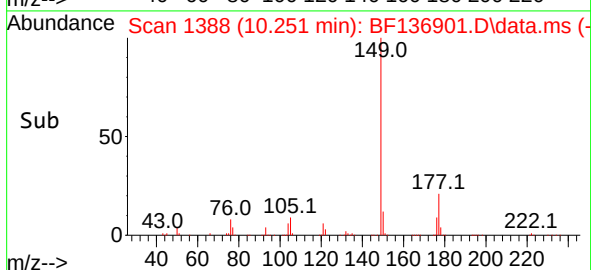
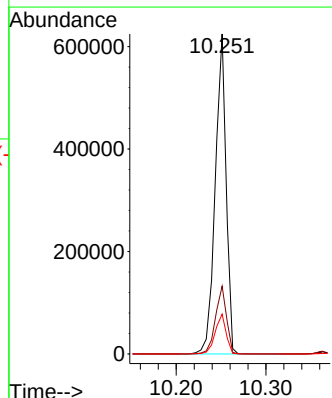
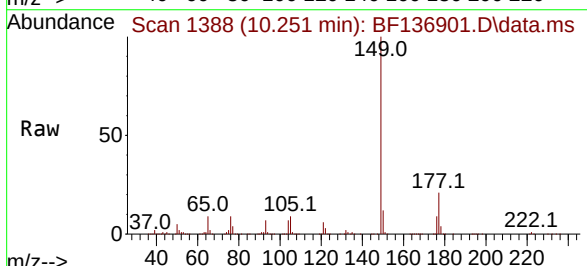
Tgt Ion:149 Resp: 526899

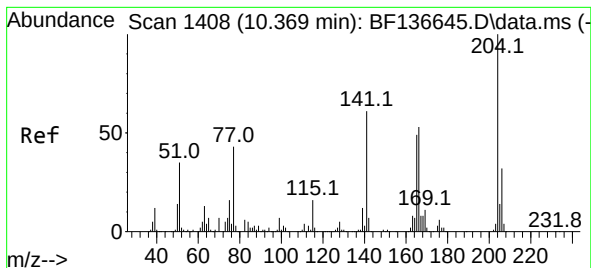
Ion Ratio Lower Upper

149 100

177 21.2 16.9 25.3

150 12.4 9.3 13.9

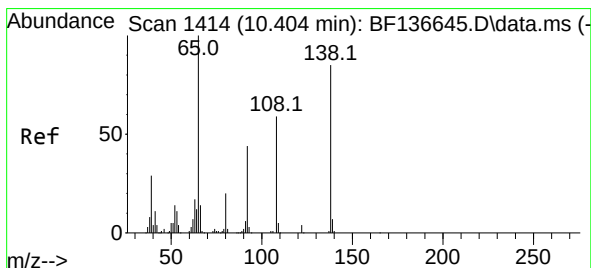
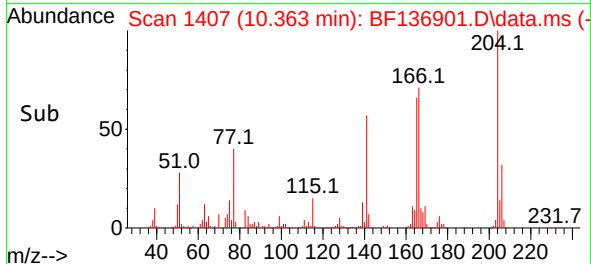
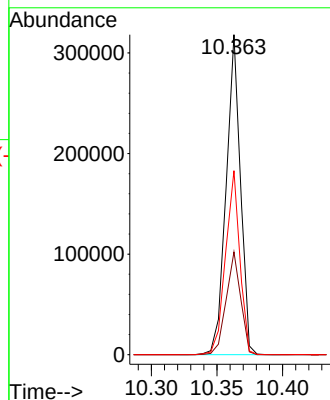
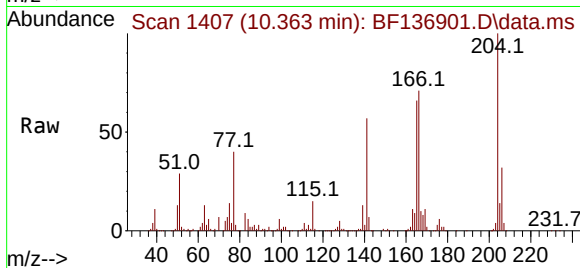




#61
4-Chlorophenyl-phenylether
Concen: 38.295 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

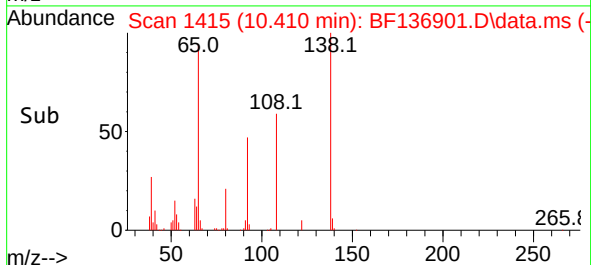
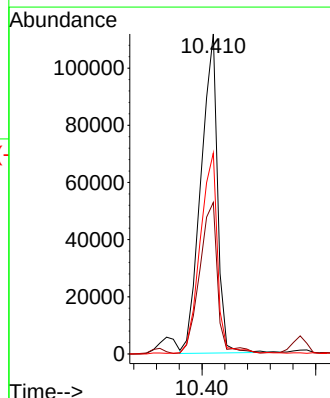
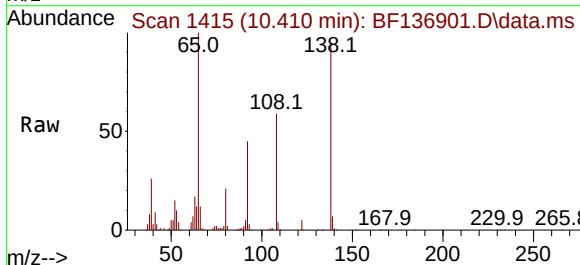
Instrument :
BNA_F
ClientSampleId :
PB157973BS

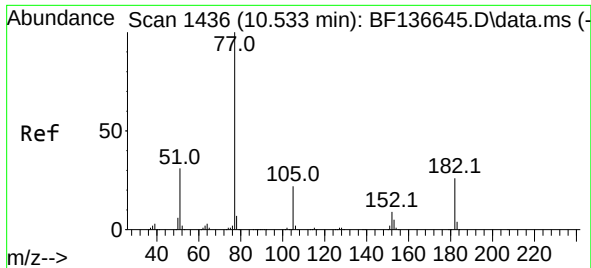
Tgt Ion:204 Resp: 240726
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 57.5 48.4 72.6



#62
4-Nitroaniline
Concen: 37.606 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion:138 Resp: 113248
Ion Ratio Lower Upper
138 100
92 47.4 32.1 72.1
108 62.8 50.1 90.1

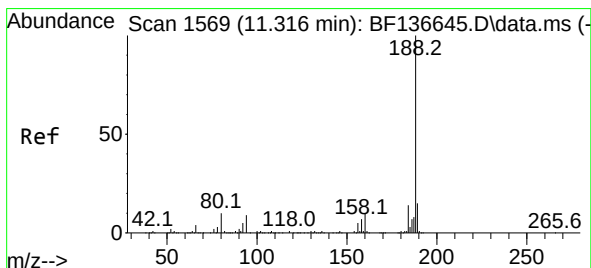
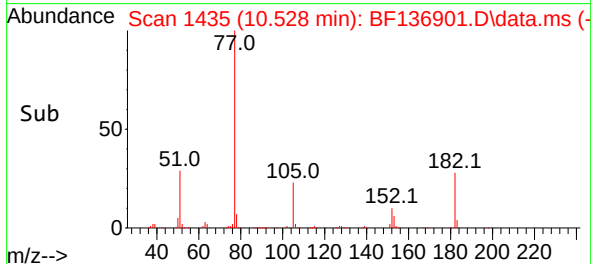
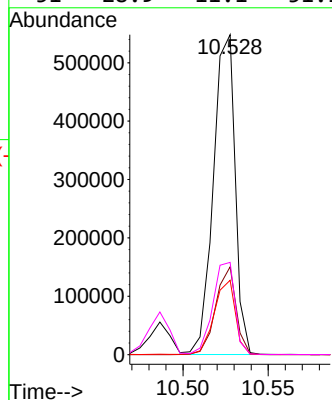
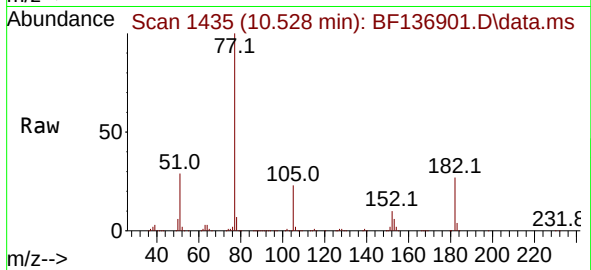




#63
Azobenzene
Concen: 38.698 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

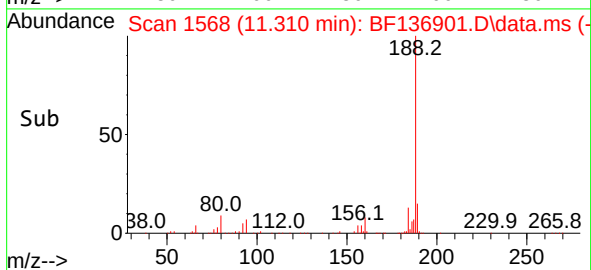
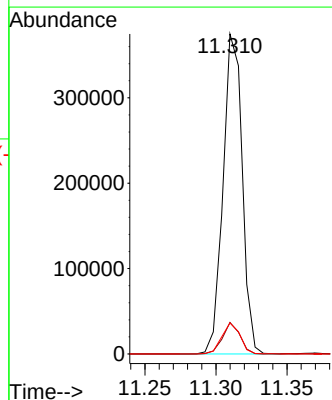
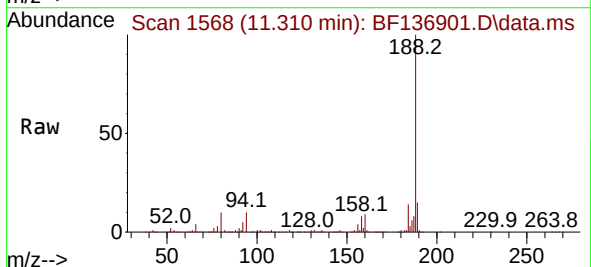
Instrument :
BNA_F
ClientSampleId :
PB157973BS

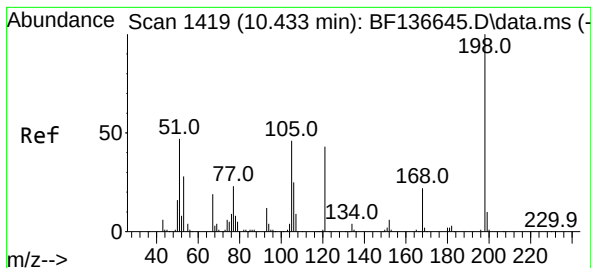
Tgt Ion: 77	Resp: 487284
Ion Ratio	Lower Upper
77 100	
182 27.5	6.0 46.0
105 23.3	2.3 42.3
51 28.9	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion:188	Resp: 350643
Ion Ratio	Lower Upper
188 100	
94 9.9	7.5 11.3
80 9.7	8.1 12.1

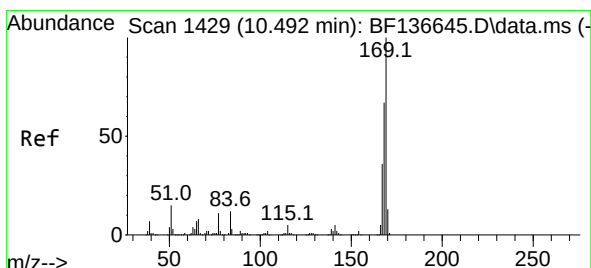
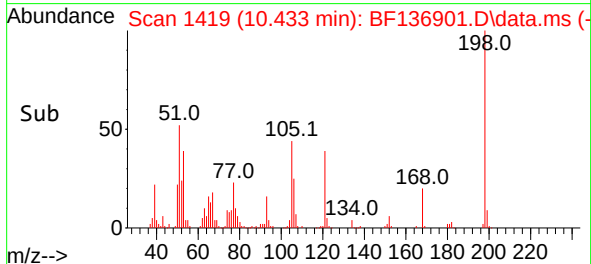
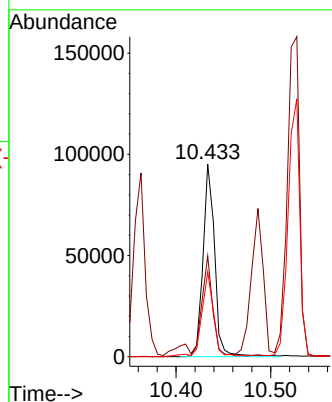
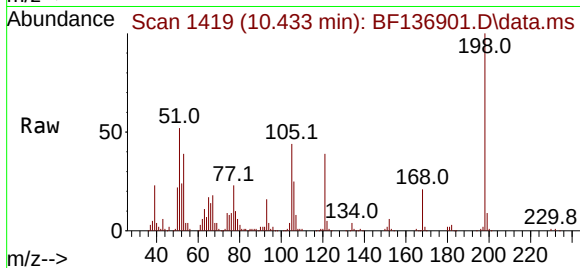




#65
4,6-Dinitro-2-methylphenol
Concen: 40.406 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

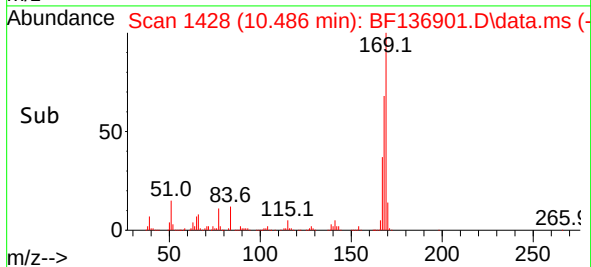
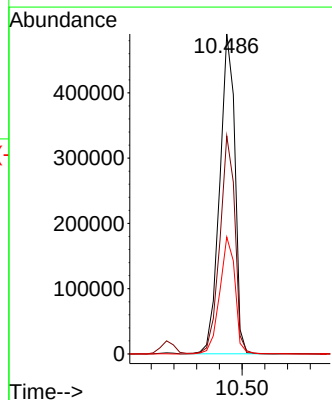
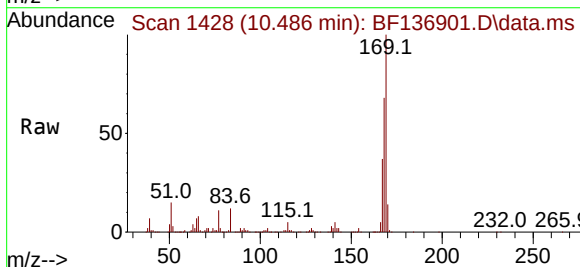
Instrument :
BNA_F
ClientSampleId :
PB157973BS

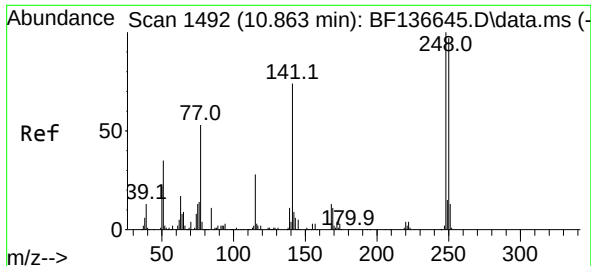
Tgt Ion:198 Resp: 81197
Ion Ratio Lower Upper
198 100
51 52.3 34.1 74.1
105 44.1 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.062 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion:169 Resp: 456331
Ion Ratio Lower Upper
169 100
168 68.2 53.8 80.6
167 36.6 28.7 43.1

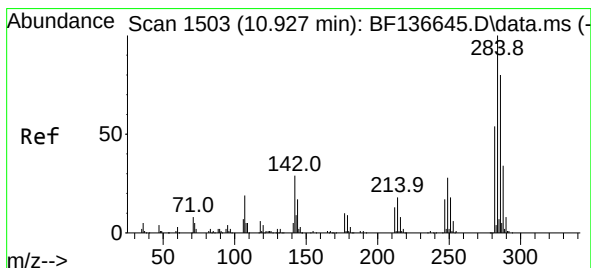
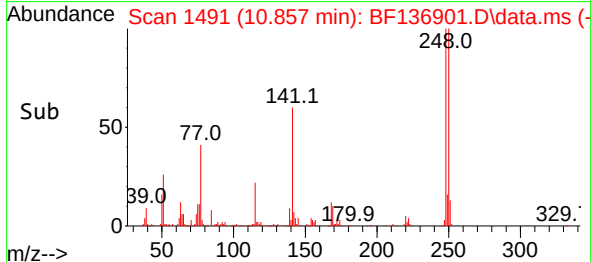
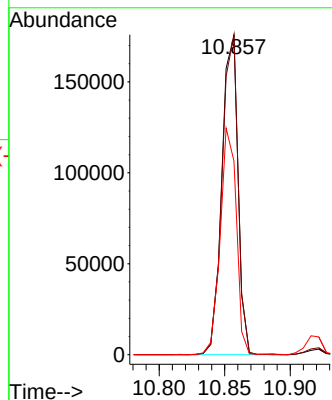
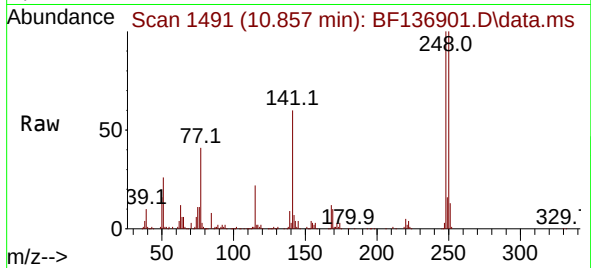




#67
4-Bromophenyl-phenylether
Concen: 38.514 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

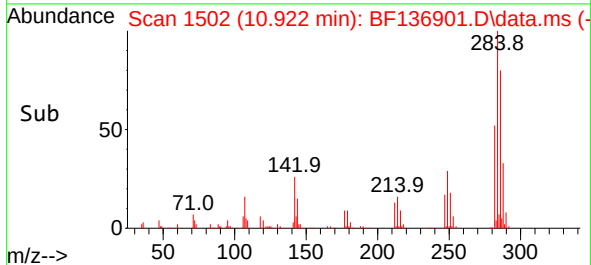
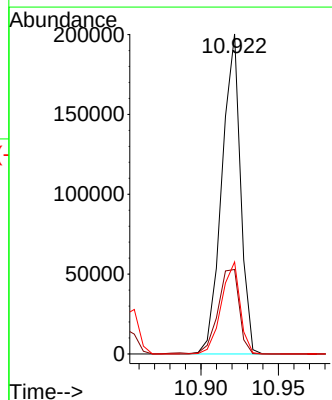
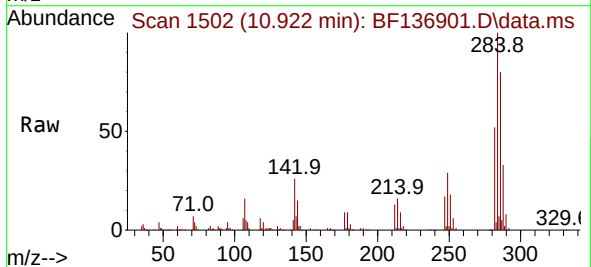
Instrument :
BNA_F
ClientSampleId :
PB157973BS

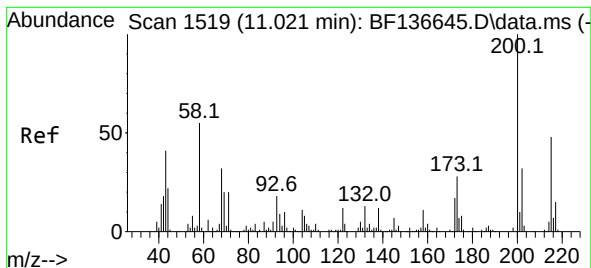
Tgt Ion:248 Resp: 149981
Ion Ratio Lower Upper
248 100
250 100.4 77.8 116.6
141 60.7 59.2 88.8



#68
Hexachlorobenzene
Concen: 38.558 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion:284 Resp: 167327
Ion Ratio Lower Upper
284 100
142 26.4 23.4 35.0
249 28.8 22.3 33.5





#69

Atrazine

Concen: 69.874 ng

RT: 11.028 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

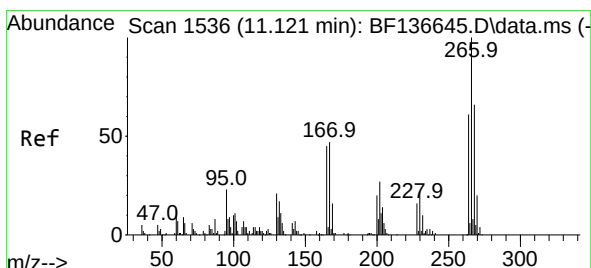
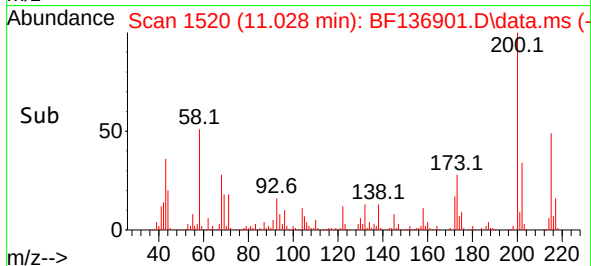
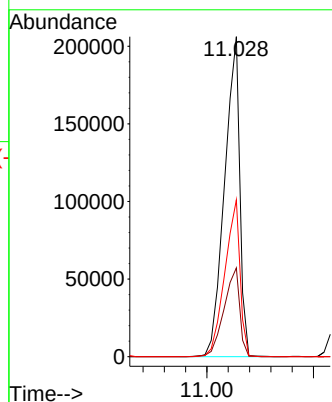
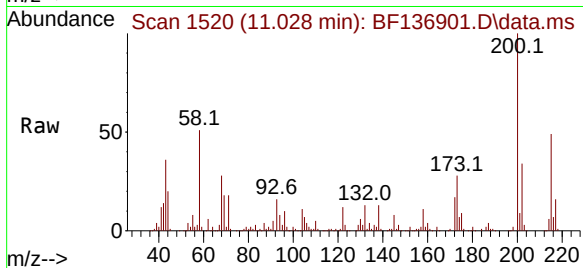
Tgt Ion:200 Resp: 203567

Ion Ratio Lower Upper

200 100

173 27.7 7.6 47.6

215 49.0 28.3 68.3



#70

Pentachlorophenol

Concen: 67.254 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

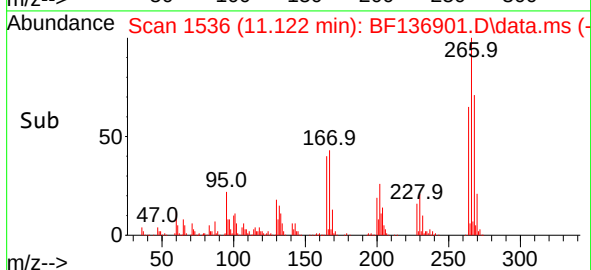
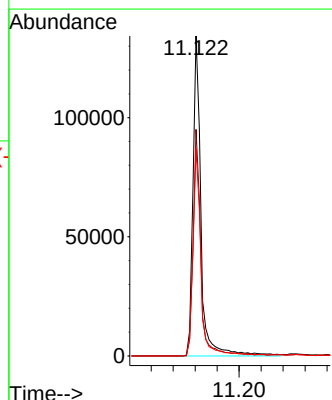
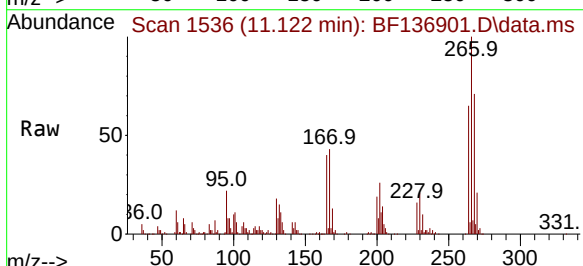
Tgt Ion:266 Resp: 136039

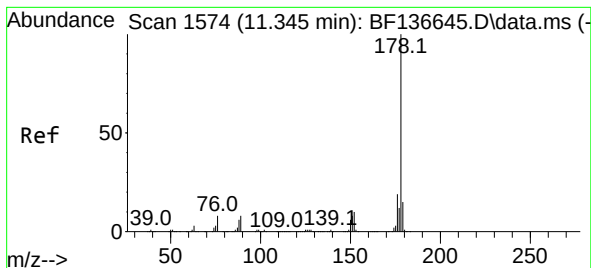
Ion Ratio Lower Upper

266 100

268 70.8 52.6 78.8

264 64.9 49.0 73.4





#71

Phenanthrene

Concen: 40.422 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

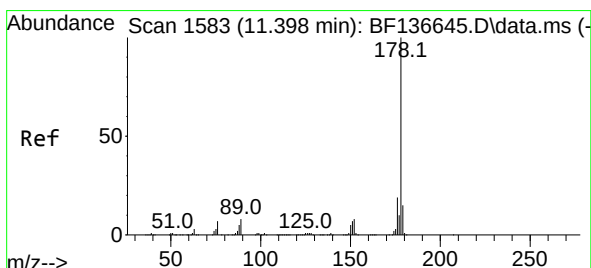
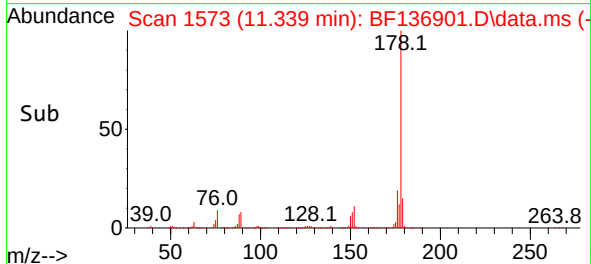
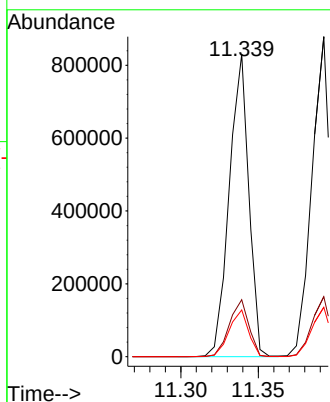
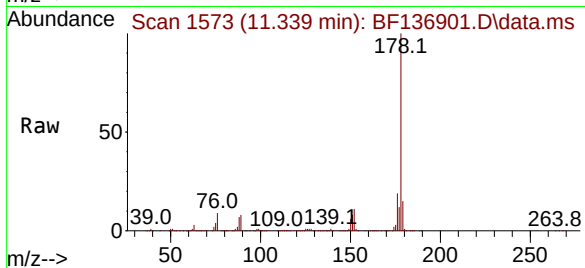
Tgt Ion:178 Resp: 727258

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.5 11.9 17.9



#72

Anthracene

Concen: 40.728 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

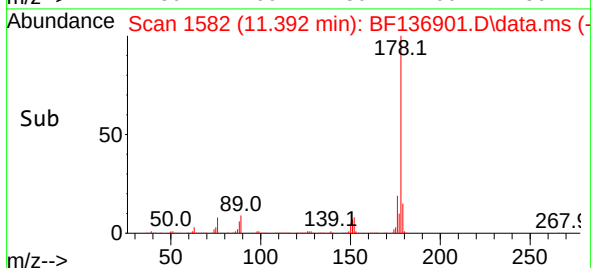
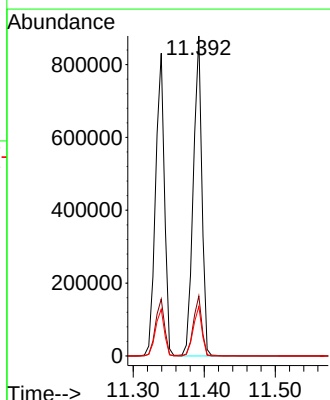
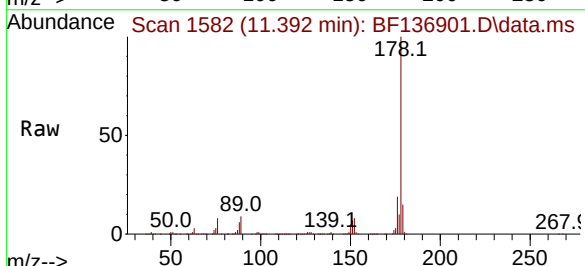
Tgt Ion:178 Resp: 742092

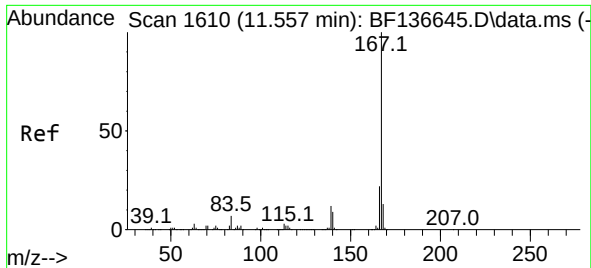
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.5 11.8 17.6

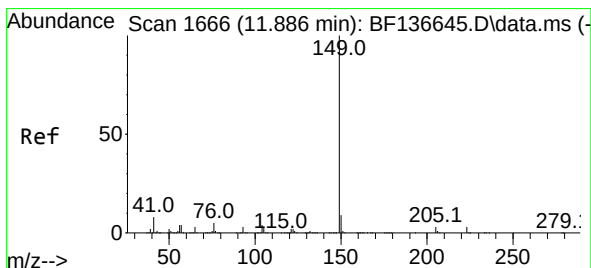
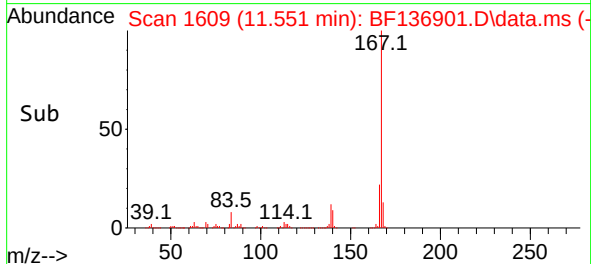
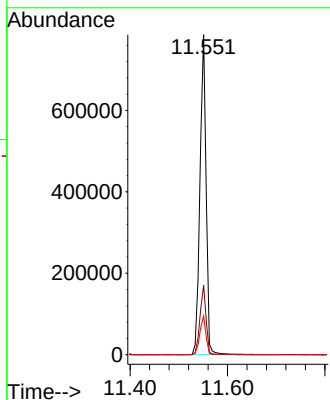
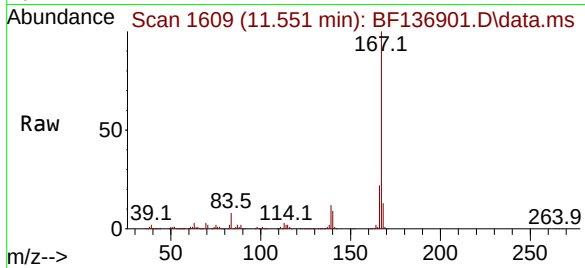




#73
 Carbazole
 Concen: 40.172 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136901.D
 Acq: 03 Jan 2024 11:33

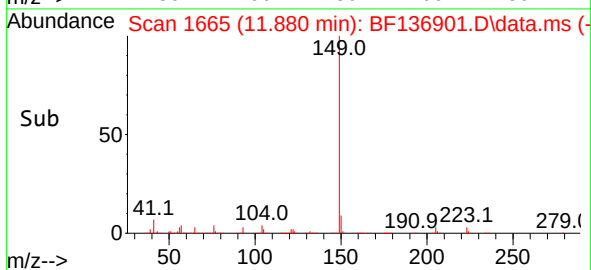
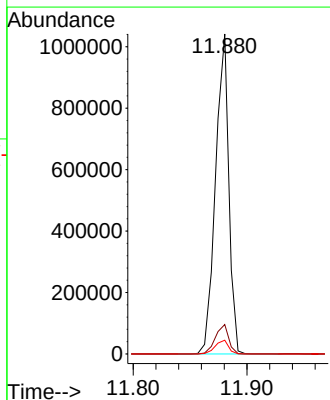
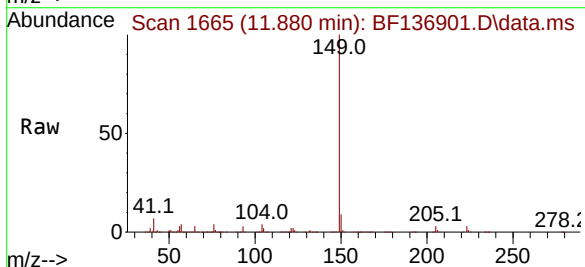
Instrument :
 BNA_F
 ClientSampleId :
 PB157973BS

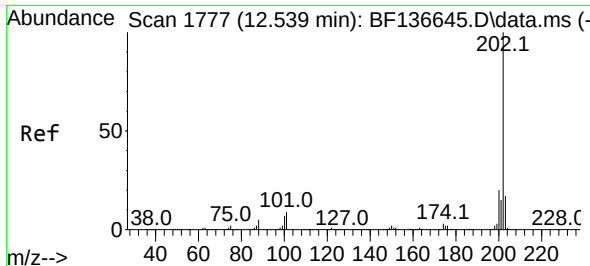
Tgt Ion:167 Resp: 690104
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 12.1 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 40.319 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136901.D
 Acq: 03 Jan 2024 11:33

Tgt Ion:149 Resp: 845192
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.3 3.6 5.4

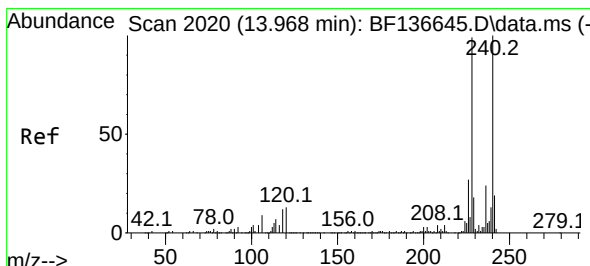
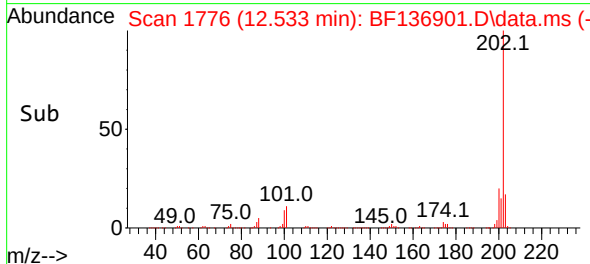
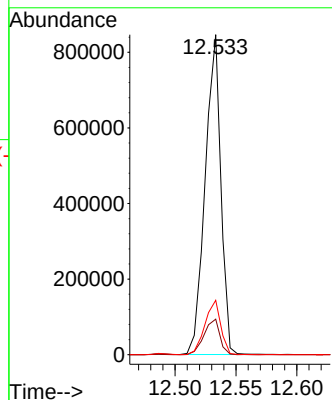
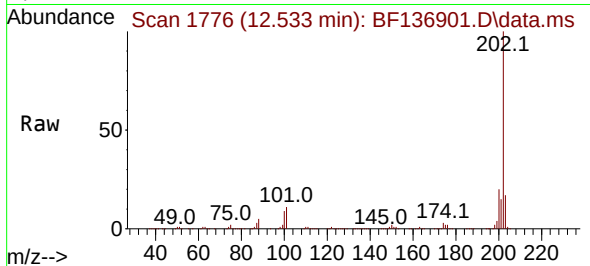




#75
Fluoranthene
Concen: 39.188 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

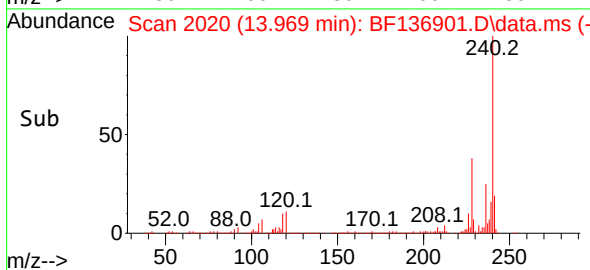
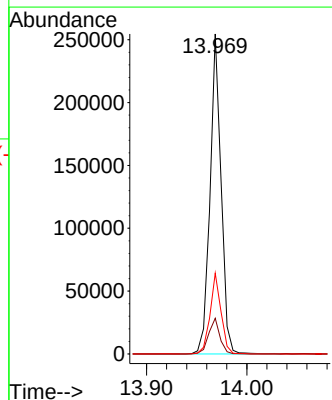
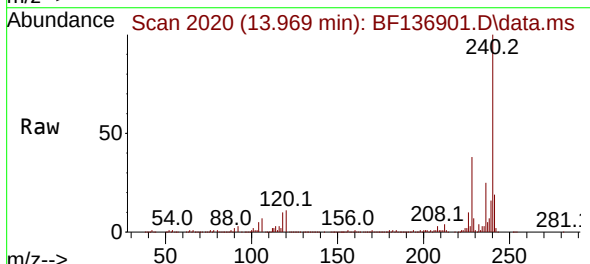
Instrument :
BNA_F
ClientSampleId :
PB157973BS

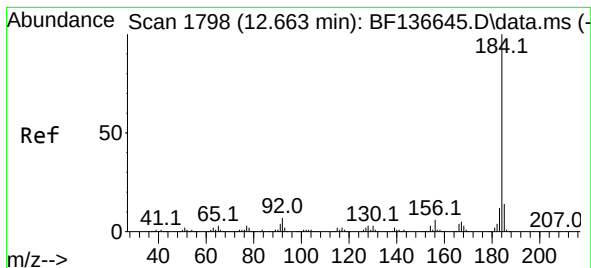
Tgt Ion:202 Resp: 754176
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.3
203 17.0 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion:240 Resp: 195824
Ion Ratio Lower Upper
240 100
120 11.2 10.3 15.5
236 25.3 19.4 29.2





#77

Benzidine

Concen: 29.706 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

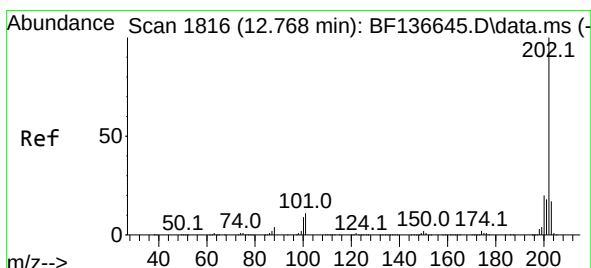
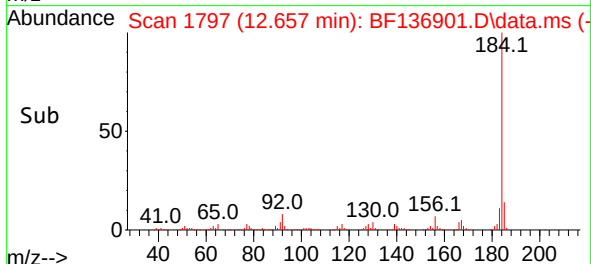
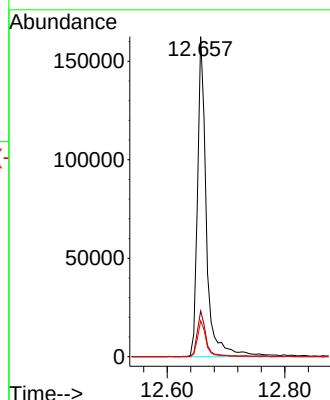
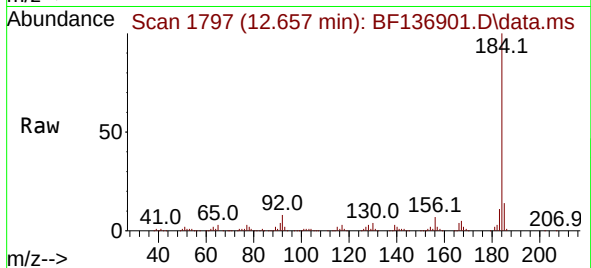
Tgt Ion:184 Resp: 171521

Ion Ratio Lower Upper

184 100

185 14.3 11.2 16.8

183 11.2 9.3 13.9



#78

Pyrene

Concen: 39.755 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

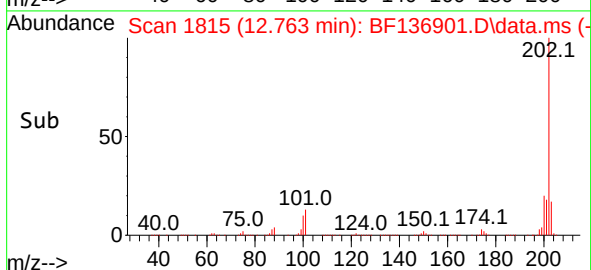
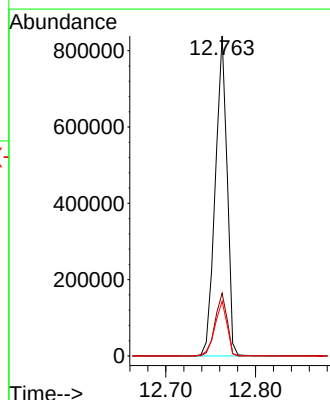
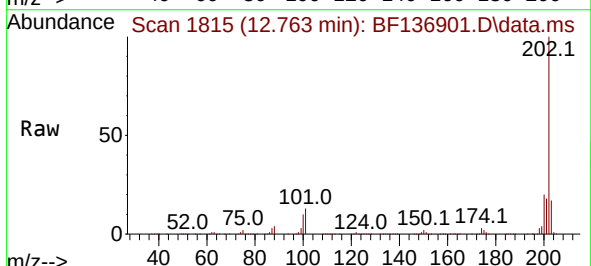
Tgt Ion:202 Resp: 764219

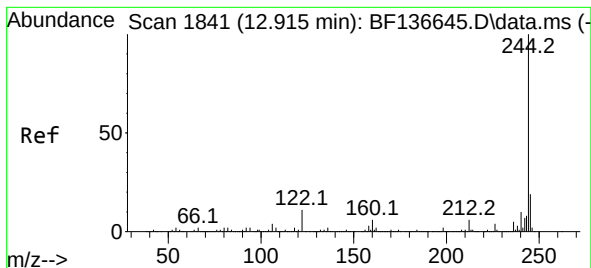
Ion Ratio Lower Upper

202 100

200 19.6 15.9 23.9

203 17.0 13.8 20.6





#79

Terphenyl-d14

Concen: 77.987 ng

RT: 12.910 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

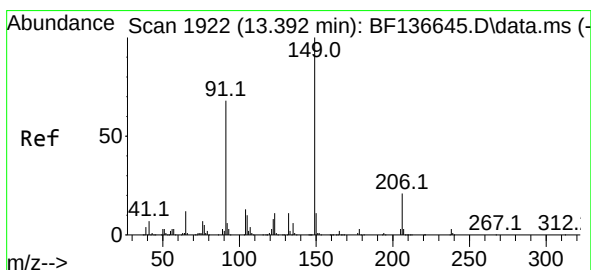
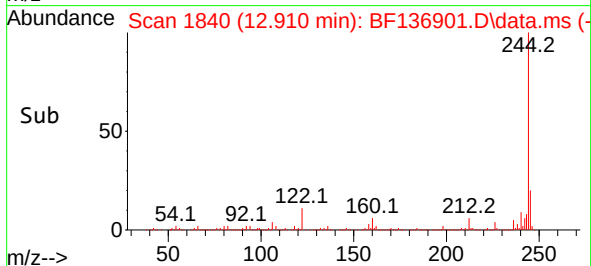
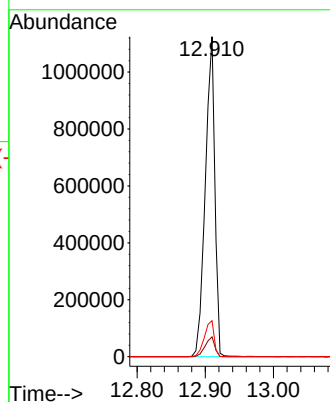
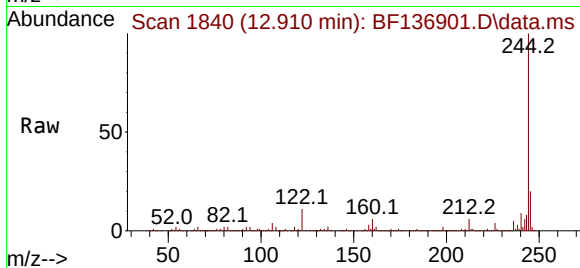
Tgt Ion:244 Resp: 1092813

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 11.3 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.864 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

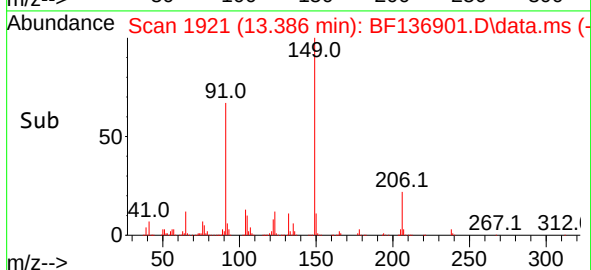
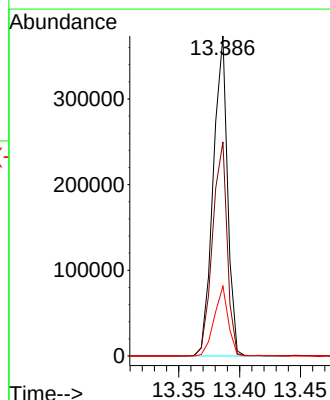
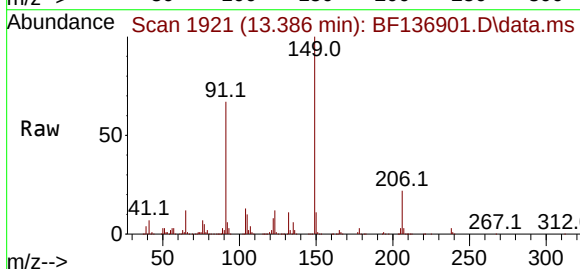
Tgt Ion:149 Resp: 306824

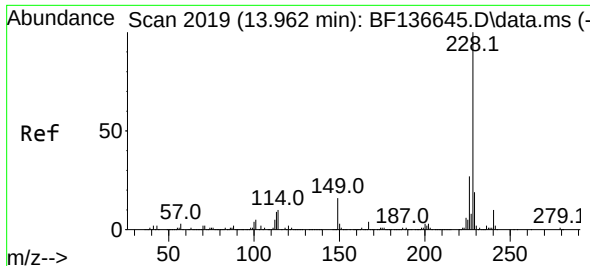
Ion Ratio Lower Upper

149 100

91 66.9 54.1 81.1

206 21.8 17.1 25.7

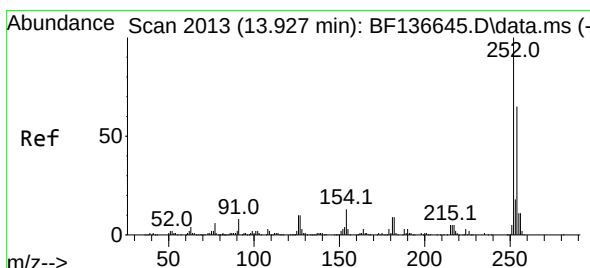
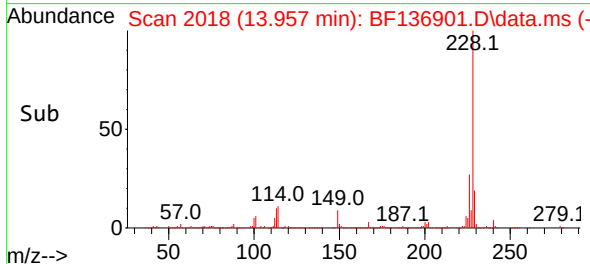
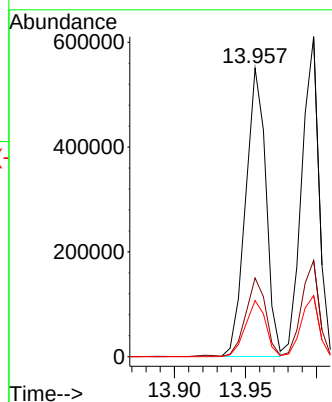
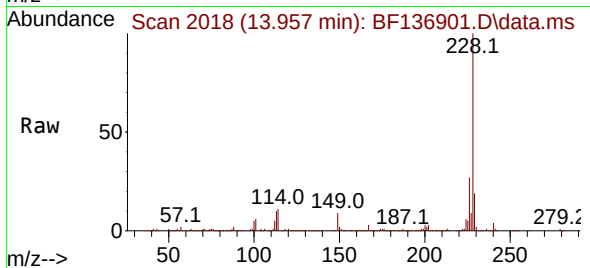




#81
Benzo(a)anthracene
Concen: 40.219 ng
RT: 13.957 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

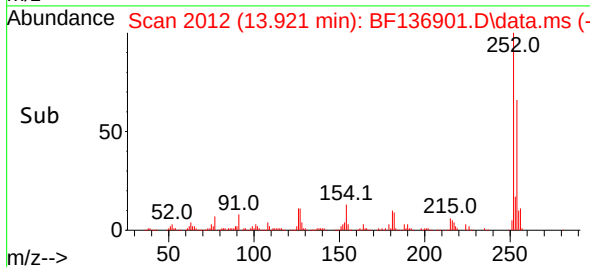
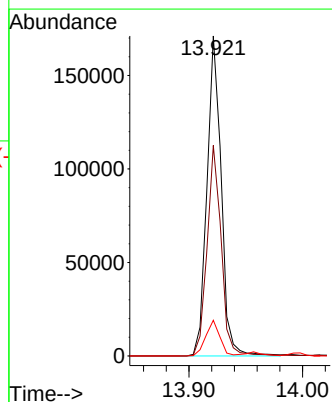
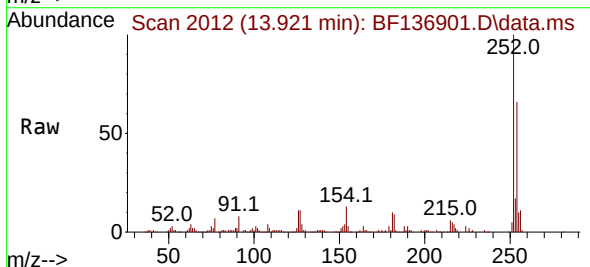
Instrument :
BNA_F
ClientSampleId :
PB157973BS

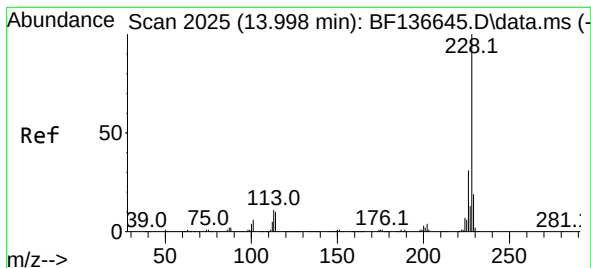
Tgt Ion:228 Resp: 546888
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 19.5 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 38.588 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136901.D
Acq: 03 Jan 2024 11:33

Tgt Ion:252 Resp: 149013
Ion Ratio Lower Upper
252 100
254 65.8 52.2 78.4
126 11.1 8.0 12.0





#83

Chrysene

Concen: 39.141 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

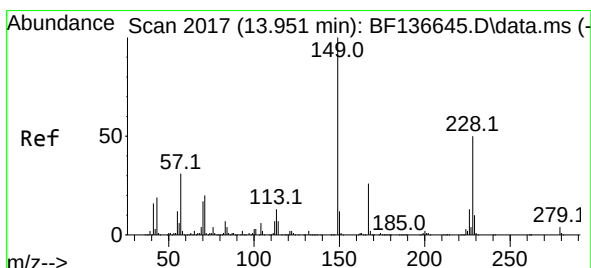
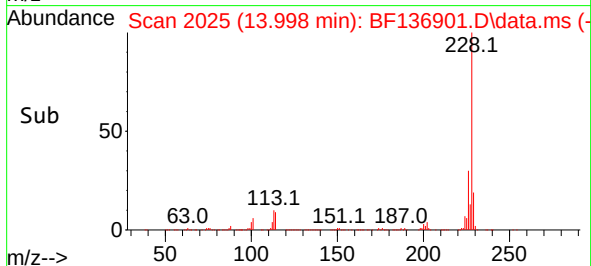
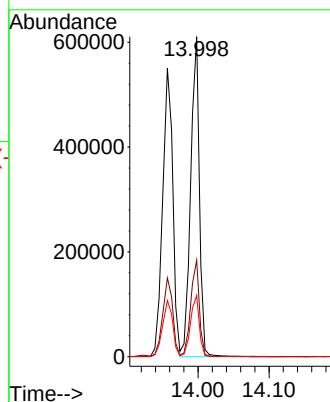
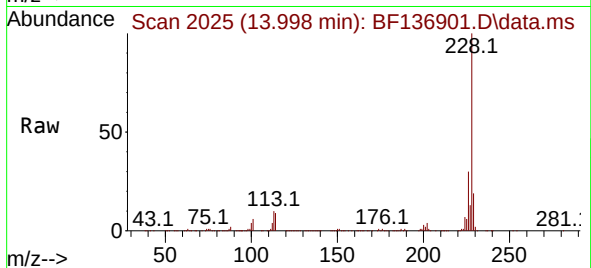
Tgt Ion:228 Resp: 520471

Ion Ratio Lower Upper

228 100

226 30.1 24.7 37.1

229 19.1 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.297 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

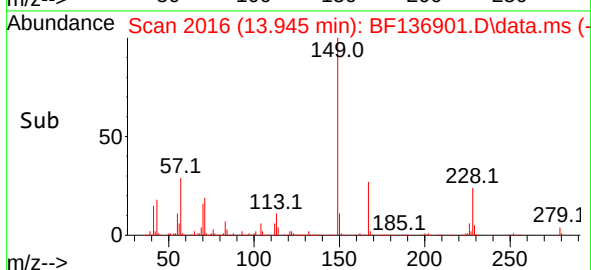
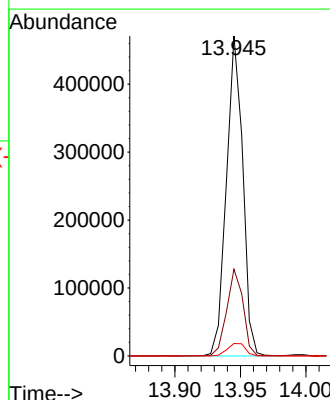
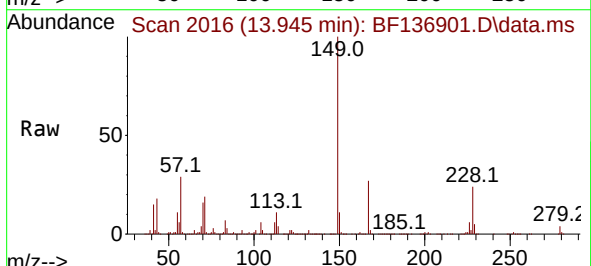
Tgt Ion:149 Resp: 407453

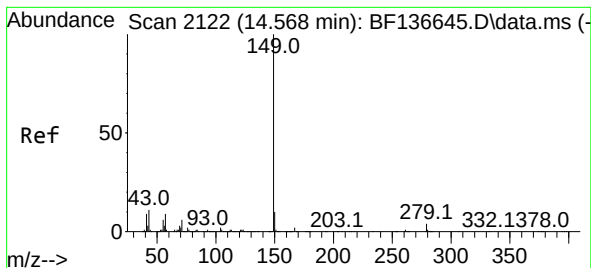
Ion Ratio Lower Upper

149 100

167 27.1 20.9 31.3

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 42.895 ng

RT: 14.563 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

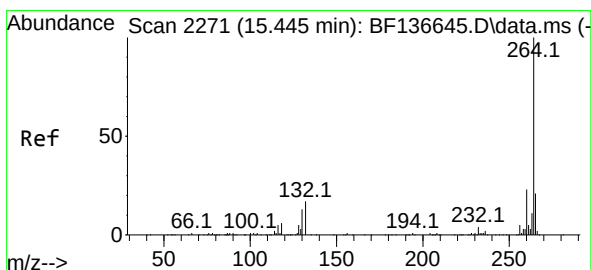
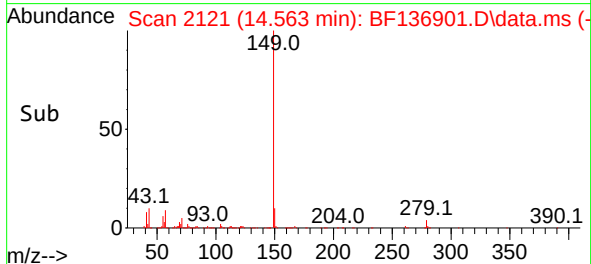
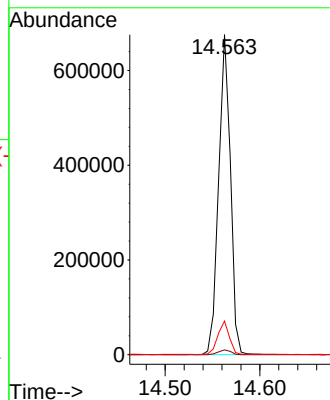
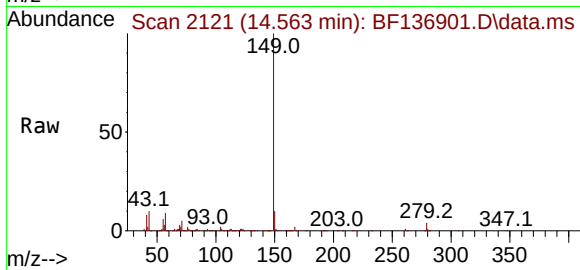
Tgt Ion:149 Resp: 583950

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.1 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

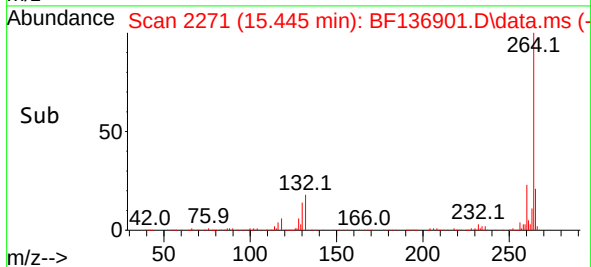
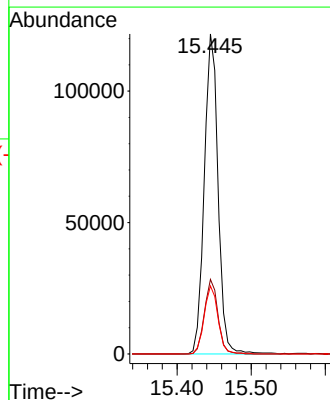
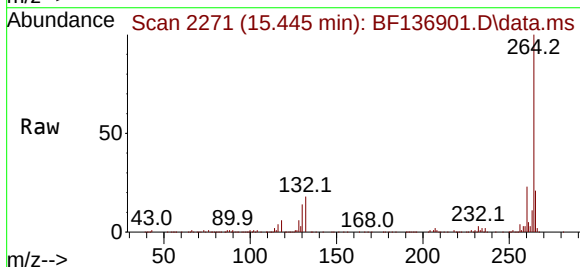
Tgt Ion:264 Resp: 157057

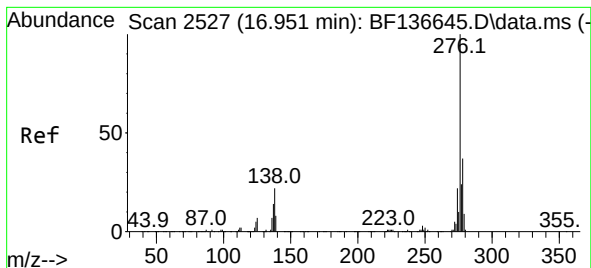
Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 21.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.883 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

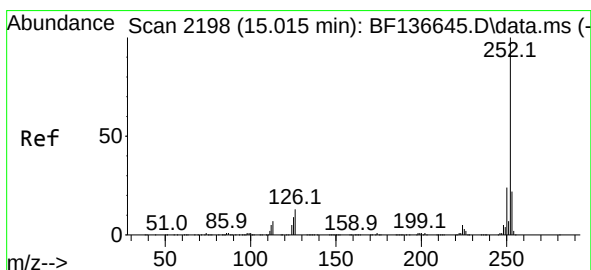
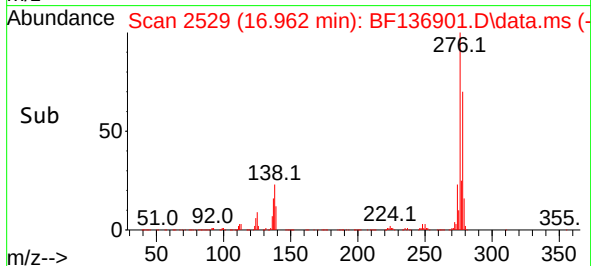
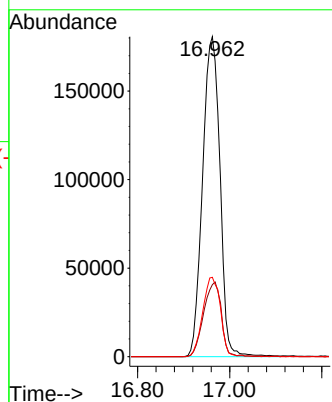
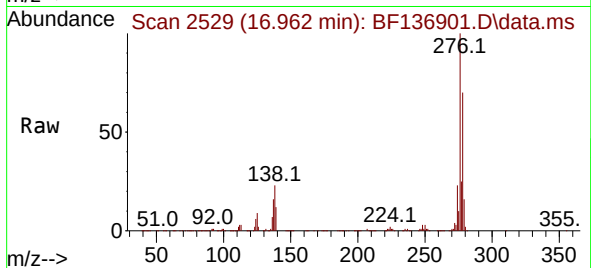
Tgt Ion:276 Resp: 474938

Ion Ratio Lower Upper

276 100

138 23.8 18.7 28.1

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.847 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

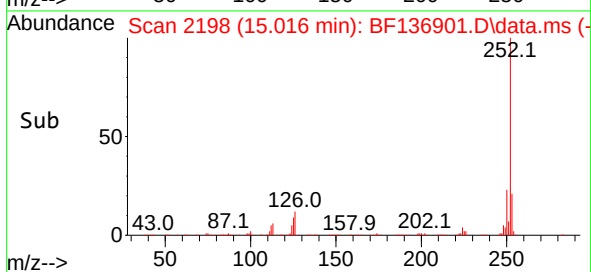
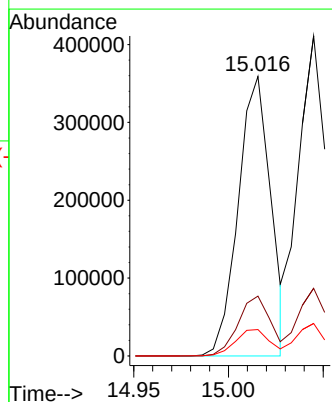
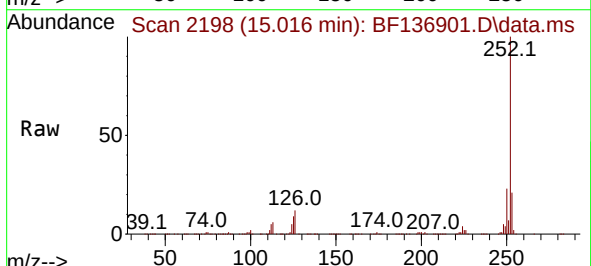
Tgt Ion:252 Resp: 428487

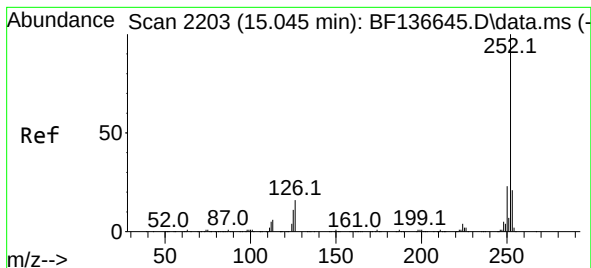
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 42.580 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB157973BS

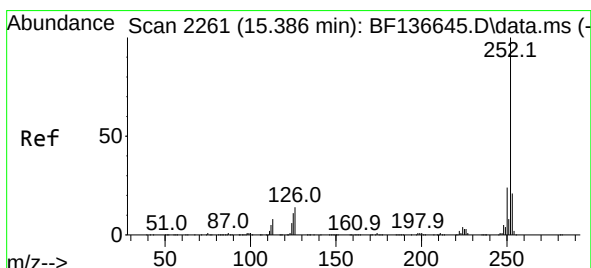
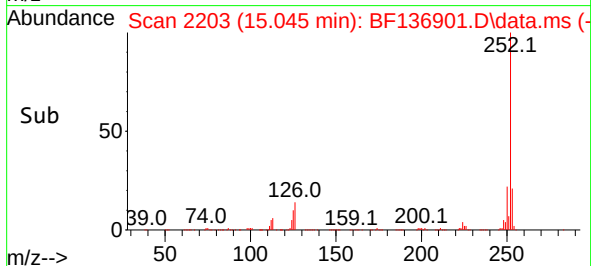
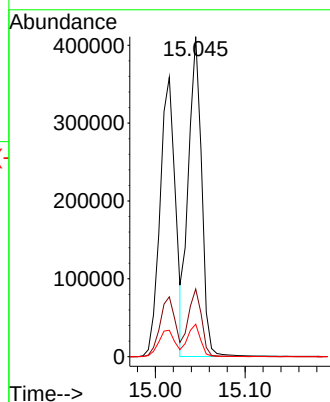
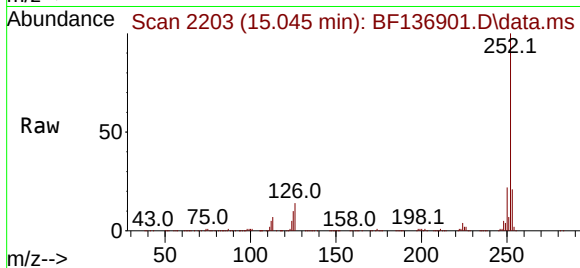
Tgt Ion:252 Resp: 422057

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

125 10.2 8.2 12.4



#90

Benzo(a)pyrene

Concen: 41.197 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136901.D

Acq: 03 Jan 2024 11:33

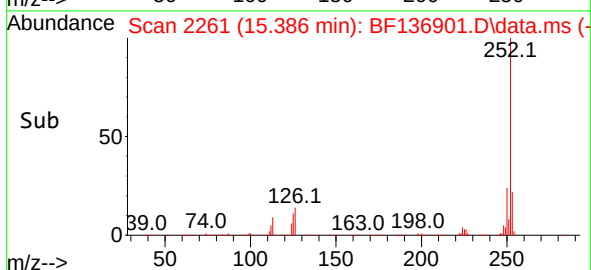
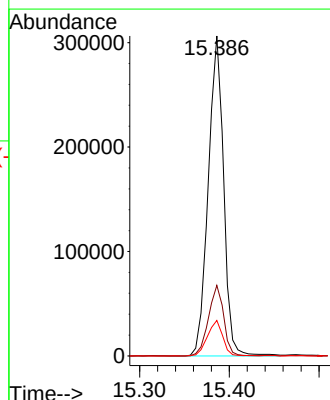
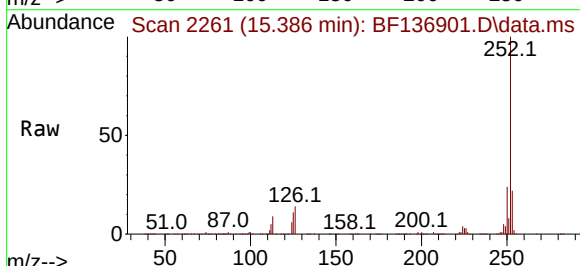
Tgt Ion:252 Resp: 364789

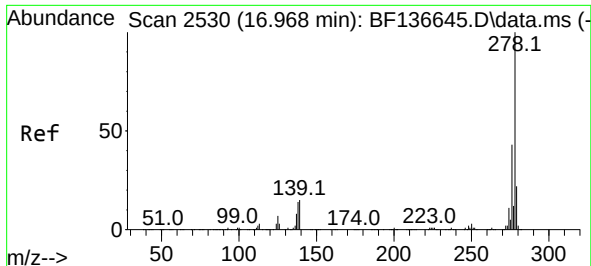
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 11.1 8.8 13.2

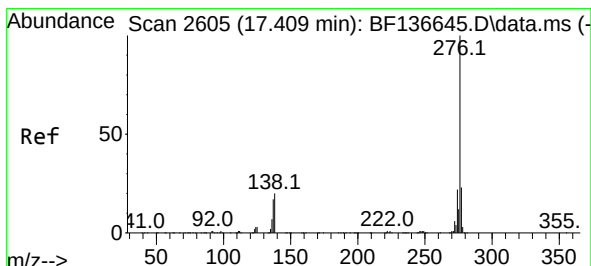
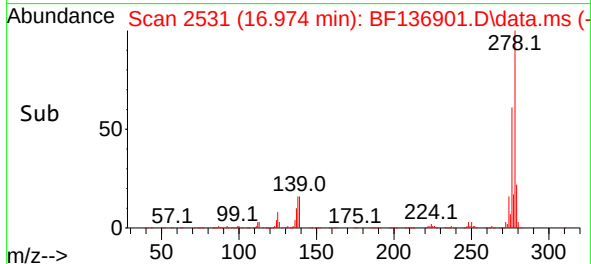
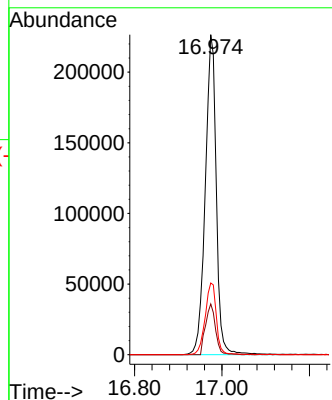
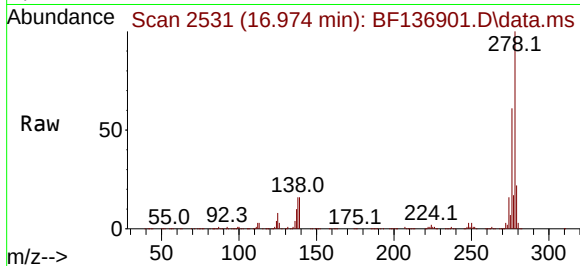




#91
 Dibenzo(a,h)anthracene
 Concen: 42.695 ng
 RT: 16.974 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF136901.D
 Acq: 03 Jan 2024 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB157973BS

Tgt Ion:278 Resp: 397193
 Ion Ratio Lower Upper
 278 100
 139 15.8 12.2 18.4
 279 22.4 17.8 26.6



#92
 Benzo(g,h,i)perylene
 Concen: 42.074 ng
 RT: 17.415 min Scan# 2606
 Delta R.T. 0.006 min
 Lab File: BF136901.D
 Acq: 03 Jan 2024 11:33

Tgt Ion:276 Resp: 400892
 Ion Ratio Lower Upper
 276 100
 277 22.7 18.3 27.5
 138 19.5 15.6 23.4

