

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136715.D
 Acq On : 26 Dec 2023 12:50
 Operator : CG\JU
 Sample : PB157895BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157895BS

Quant Time: Dec 26 13:14:20 2023
 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	6.787	152	98829	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	404330	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	192639	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	359576	20.000	ng	0.00
76) Chrysene-d12	13.968	240	188950	20.000	ng	0.00
86) Perylene-d12	15.445	264	153171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	740610	116.925	ng	0.02
7) Phenol-d6	6.445	99	902137	109.918	ng	0.00
23) Nitrobenzene-d5	7.357	82	577085	73.035	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	254535	112.192	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1057927	73.863	ng	0.00
79) Terphenyl-d14	12.910	244	1035960	76.619	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	77091	29.211	ng	98
3) Pyridine	3.399	79	187533	29.124	ng	98
4) n-Nitrosodimethylamine	3.363	42	137925	40.110	ng	95
6) Aniline	6.451	93	199655	24.331	ng	# 20
8) 2-Chlorophenol	6.581	128	292709	42.229	ng	95
9) Benzaldehyde	6.340	77	66848	14.319	ng	99
10) Phenol	6.457	94	331869	37.878	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	275126	41.292	ng	99
12) 1,3-Dichlorobenzene	6.728	146	289367	38.268	ng	99
13) 1,4-Dichlorobenzene	6.804	146	298432	38.626	ng	99
14) 1,2-Dichlorobenzene	6.957	146	280270	38.984	ng	98
15) Benzyl Alcohol	6.939	79	236923	42.789	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	438876	40.288	ng	86
17) 2-Methylphenol	7.051	107	223598	38.939	ng	95
18) Hexachloroethane	7.292	117	108175	38.552	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	194559	39.105	ng	97
20) 3+4-Methylphenols	7.204	107	274764	38.300	ng	# 84
22) Acetophenone	7.198	105	396392	39.113	ng	94
24) Nitrobenzene	7.375	77	297516	37.588	ng	96
25) Isophorone	7.610	82	537944	37.415	ng	99
26) 2-Nitrophenol	7.686	139	152930	40.383	ng	99
27) 2,4-Dimethylphenol	7.728	122	224546	48.704	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	329207	37.669	ng	100
29) 2,4-Dichlorophenol	7.934	162	222503	37.486	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	252468	38.175	ng	98
31) Naphthalene	8.086	128	829884	37.361	ng	99
32) Benzoic acid	7.881	122	177261	39.736	ng	97
33) 4-Chloroaniline	8.139	127	175175	21.359	ng	98
34) Hexachlorobutadiene	8.198	225	146784	36.531	ng	98
35) Caprolactam	8.522	113	45341	23.155	ng	98
36) 4-Chloro-3-methylphenol	8.633	107	245823	36.788	ng	99
37) 2-Methylnaphthalene	8.781	142	521150	36.456	ng	99
38) 1-Methylnaphthalene	8.880	142	491844	35.069	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	244992	41.065	ng	98
41) Hexachlorocyclopentadiene	8.928	237	174361	90.949	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	154923	40.491	ng	95

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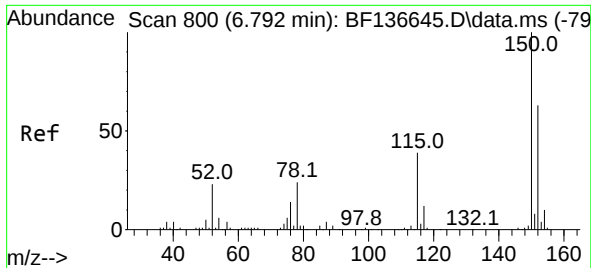
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	171662	40.262	ng	97
46) 1,1'-Biphenyl	9.245	154	639311	39.548	ng	99
47) 2-Chloronaphthalene	9.269	162	488602	39.759	ng	100
48) 2-Nitroaniline	9.375	65	155552	40.421	ng	93
49) Acenaphthylene	9.686	152	771158	41.054	ng	100
50) Dimethylphthalate	9.551	163	559351	39.753	ng	99
51) 2,6-Dinitrotoluene	9.616	165	125617	39.337	ng	# 87
52) Acenaphthene	9.857	154	447023	38.392	ng	99
53) 3-Nitroaniline	9.786	138	105783	31.271	ng	97
54) 2,4-Dinitrophenol	9.904	184	137866	77.995	ng	96
55) Dibenzofuran	10.033	168	678739	38.455	ng	98
56) 4-Nitrophenol	9.969	139	179089	78.424	ng	98
57) 2,4-Dinitrotoluene	10.027	165	157176	37.914	ng	96
58) Fluorene	10.375	166	542835	38.761	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	142252	43.343	ng	99
60) Diethylphthalate	10.257	149	561227	38.442	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	256487	37.678	ng	95
62) 4-Nitroaniline	10.410	138	121327	37.204	ng	94
63) Azobenzene	10.527	77	522227	38.298	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	88889	43.135	ng	82
66) n-Nitrosodiphenylamine	10.492	169	478398	40.956	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	157747	39.502	ng	97
68) Hexachlorobenzene	10.927	284	176767	39.721	ng	96
69) Atrazine	11.022	200	116873	39.120	ng	98
70) Pentachlorophenol	11.127	266	150563	72.585	ng	97
71) Phenanthrene	11.345	178	759552	41.168	ng	99
72) Anthracene	11.392	178	760485	40.700	ng	99
73) Carbazole	11.551	167	698533	39.652	ng	99
74) Di-n-butylphthalate	11.880	149	848475	39.470	ng	100
75) Fluoranthene	12.533	202	766059	38.817	ng	98
77) Benzidine	12.657	184	33890	6.083	ng	98
78) Pyrene	12.763	202	759691	40.957	ng	100
80) Butylbenzylphthalate	13.386	149	294670	43.659	ng	97
81) Benzo(a)anthracene	13.963	228	532858	40.613	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	150848	40.484	ng	# 98
83) Chrysene	13.998	228	508090	39.600	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	367014	43.219	ng	# 97
85) Di-n-octyl phthalate	14.568	149	586671	44.662	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	561033	50.730	ng	99
88) Benzo(b)fluoranthene	15.015	252	451681	44.151	ng	98
89) Benzo(k)fluoranthene	15.045	252	448505	46.396	ng	99
90) Benzo(a)pyrene	15.386	252	399167	46.224	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	469261	51.721	ng	98
92) Benzo(g,h,i)perylene	17.415	276	477684	51.405	ng	99

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

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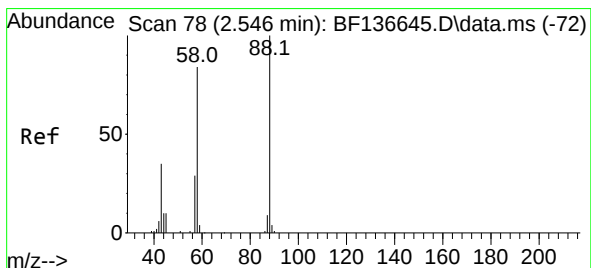
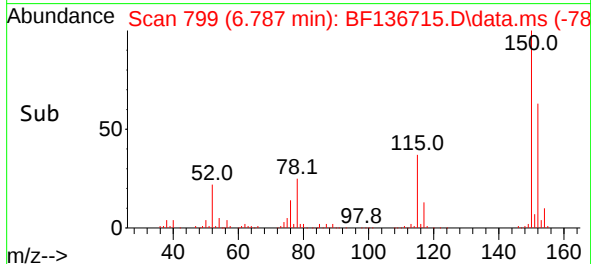
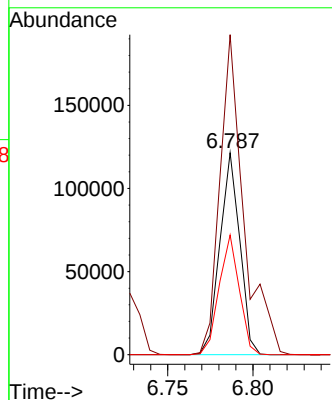
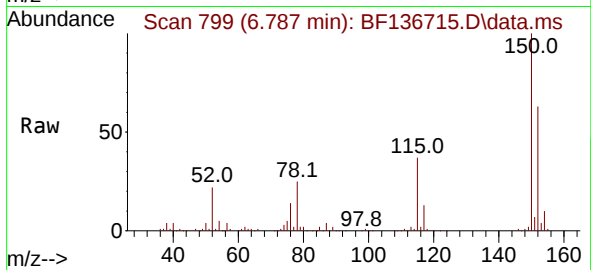




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

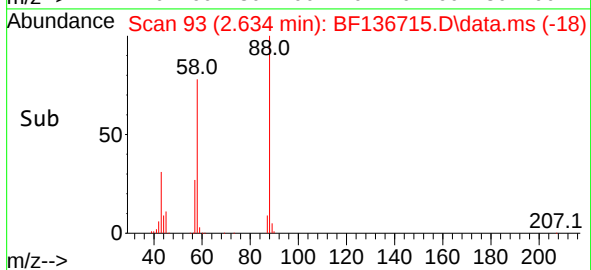
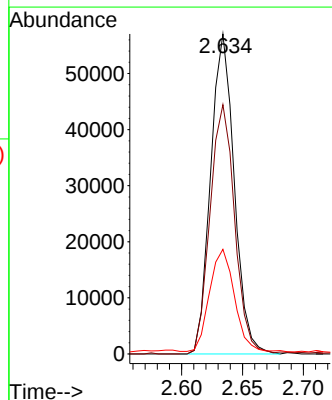
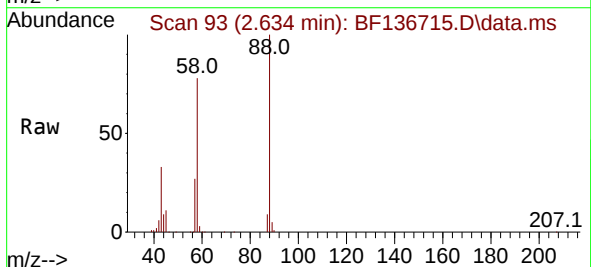
Instrument :
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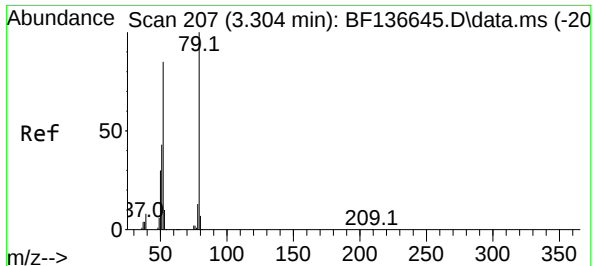
Tgt Ion:152 Resp: 98829
Ion Ratio Lower Upper
152 100
150 158.4 127.0 190.6
115 59.2 49.0 73.4



#2
1,4-Dioxane
Concen: 29.211 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.088 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion: 88 Resp: 77091
Ion Ratio Lower Upper
88 100
58 82.0 67.4 101.0
43 33.9 27.7 41.5

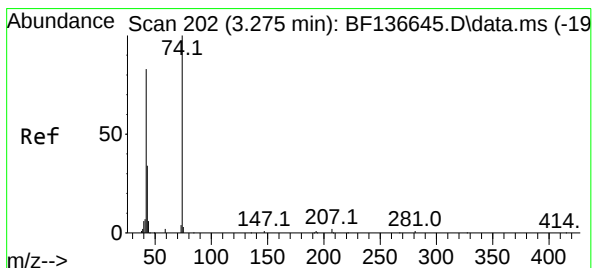
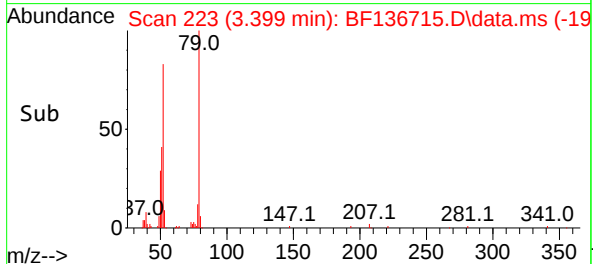
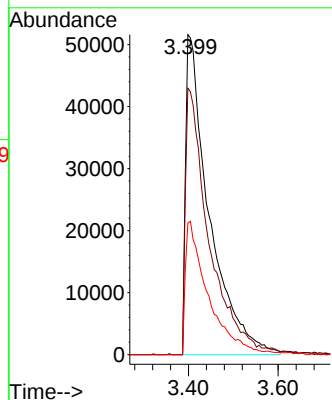
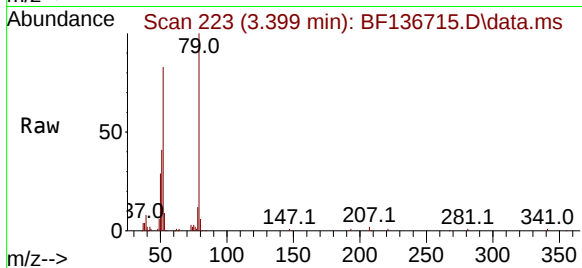




#3
Pyridine
Concen: 29.124 ng
RT: 3.399 min Scan# 21
Delta R.T. 0.094 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

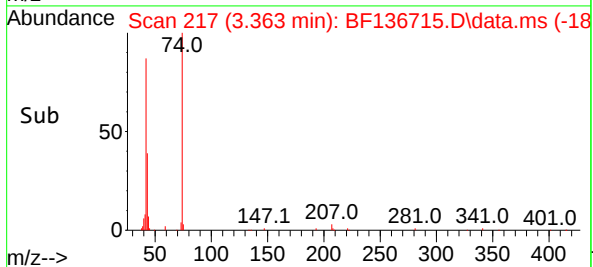
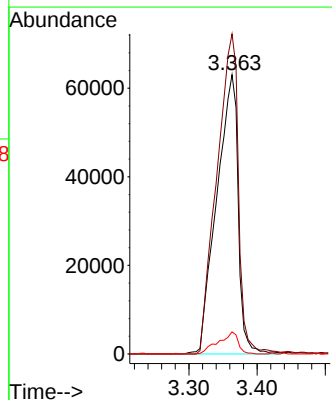
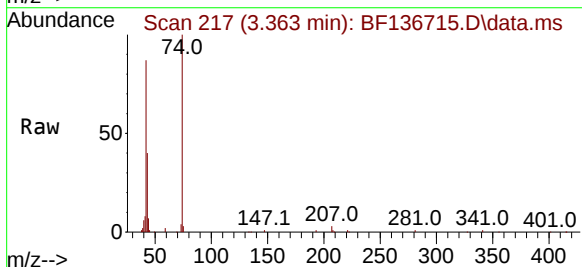
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ClientSampleId :
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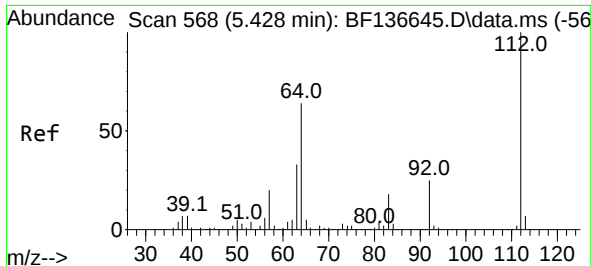
Tgt Ion: 79 Resp: 187533
Ion Ratio Lower Upper
79 100
52 83.2 67.7 101.5
51 41.2 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 40.110 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.088 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion: 42 Resp: 137925
Ion Ratio Lower Upper
42 100
74 114.6 96.0 144.0
44 7.9 5.4 8.2

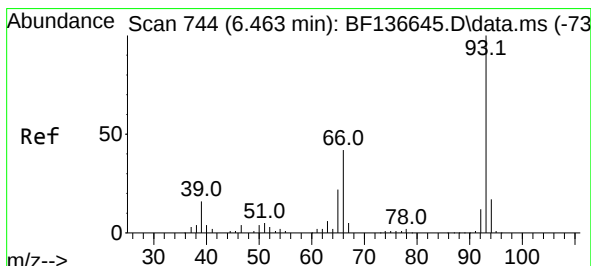
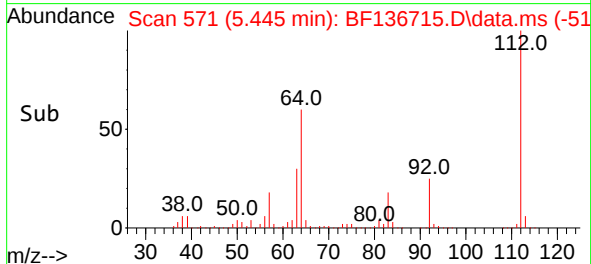
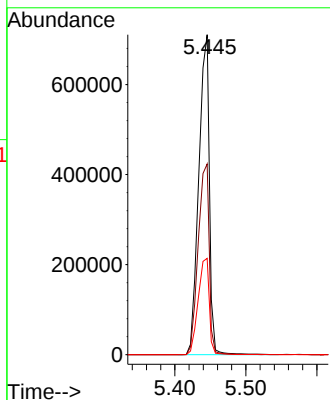
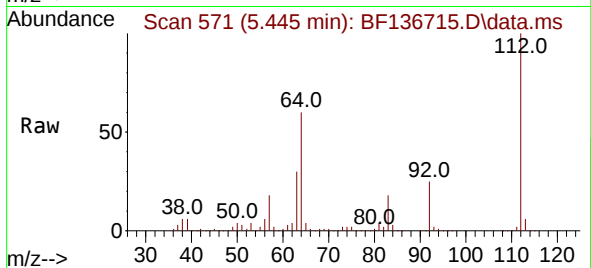




#5
2-Fluorophenol
Concen: 116.925 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

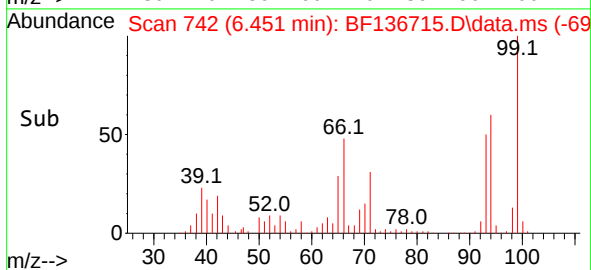
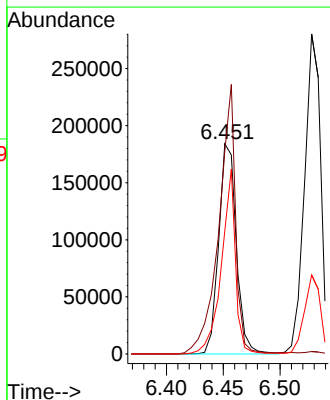
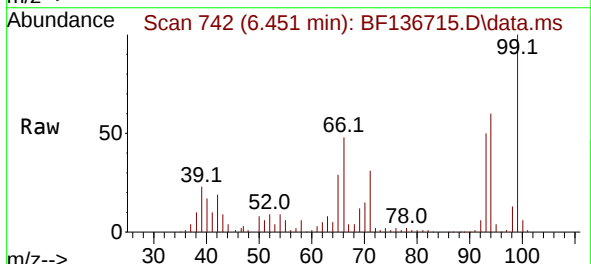
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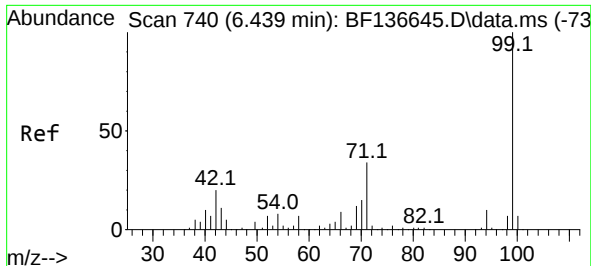
Tgt Ion:112 Resp: 740610
Ion Ratio Lower Upper
112 100
64 59.6 51.1 76.7
63 30.1 26.1 39.1



#6
Aniline
Concen: 24.331 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion: 93 Resp: 199655
Ion Ratio Lower Upper
93 100
66 96.1 34.6 51.8#
65 58.4 17.8 26.8#

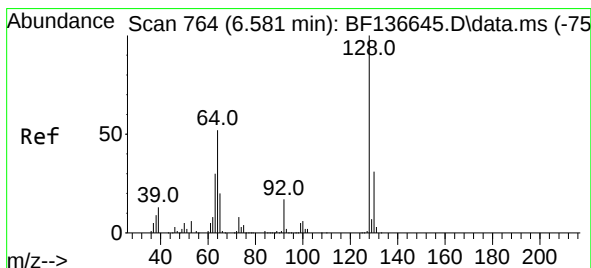
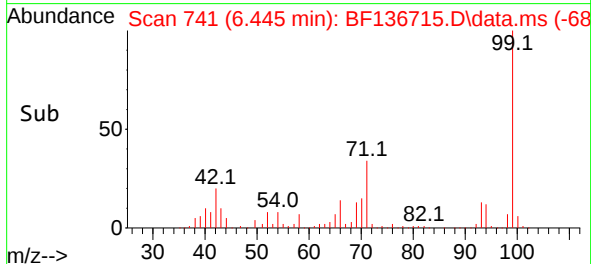
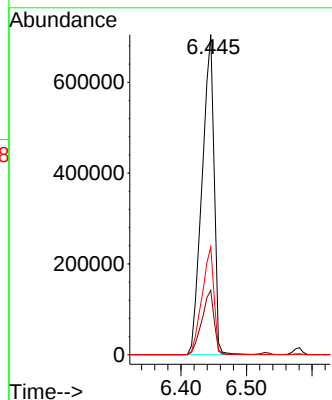
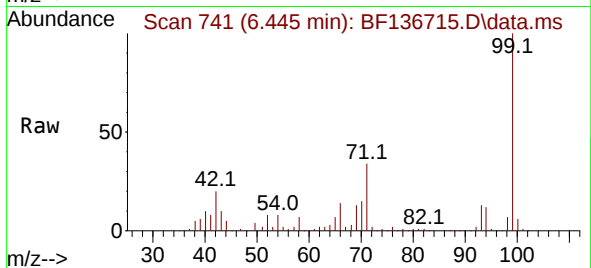




#7
Phenol-d6
Concen: 109.918 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

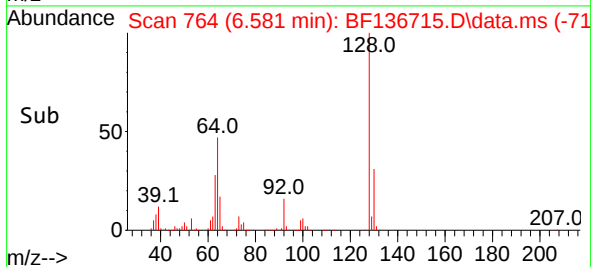
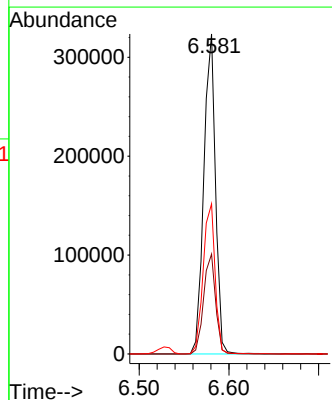
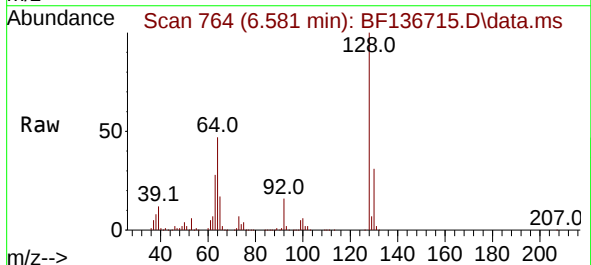
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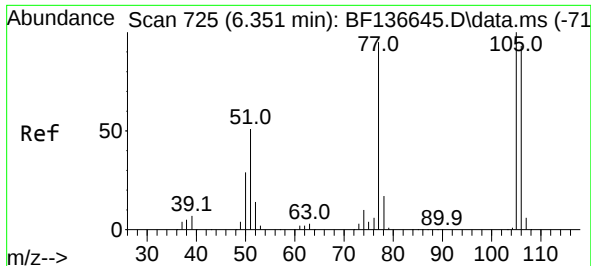
Tgt Ion: 99 Resp: 902137
Ion Ratio Lower Upper
99 100
42 20.1 16.1 24.1
71 33.7 27.4 41.2



#8
2-Chlorophenol
Concen: 42.229 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion: 128 Resp: 292709
Ion Ratio Lower Upper
128 100
130 31.2 11.3 51.3
64 46.9 32.5 72.5





#9

Benzaldehyde

Concen: 14.319 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

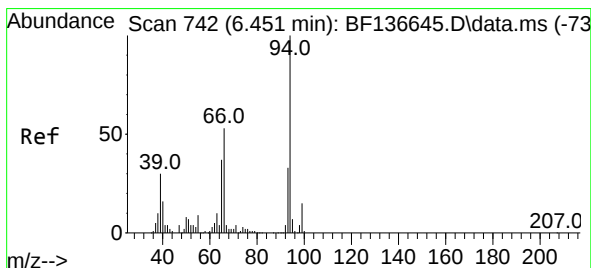
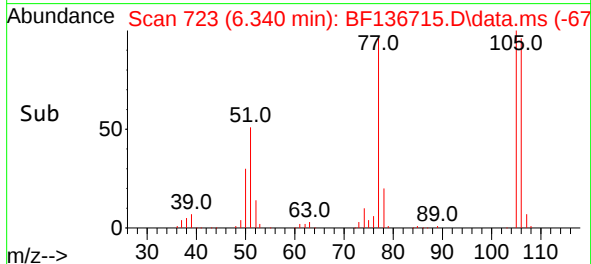
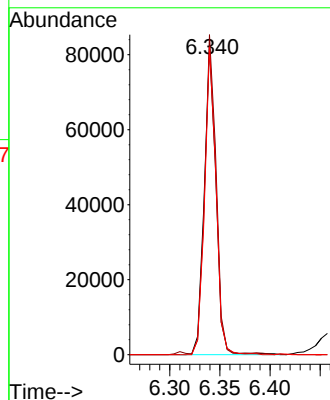
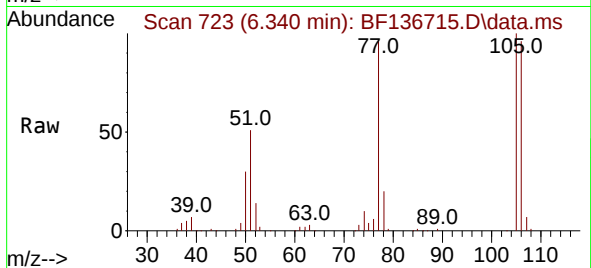
Tgt Ion: 77 Resp: 66848

Ion Ratio Lower Upper

77 100

105 103.9 84.8 124.8

106 99.9 77.8 117.8



#10

Phenol

Concen: 37.878 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

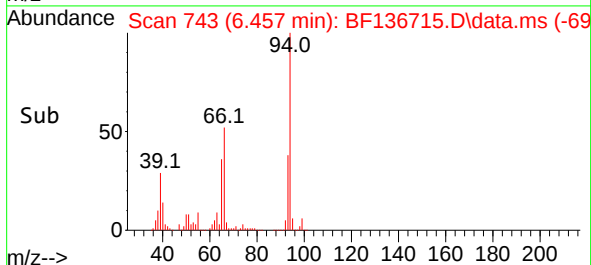
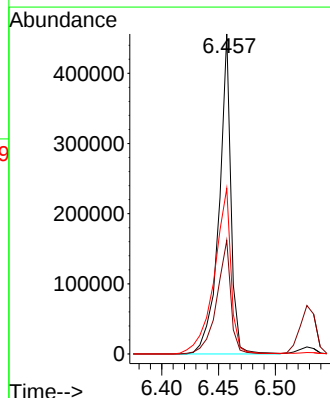
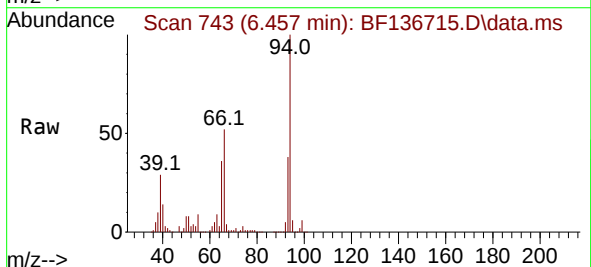
Tgt Ion: 94 Resp: 331869

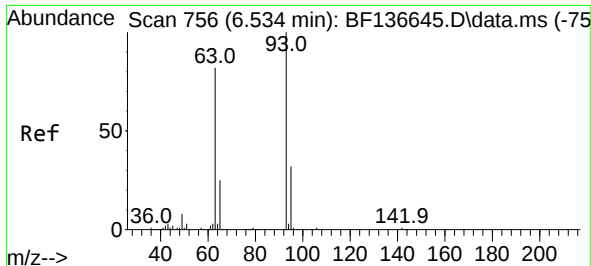
Ion Ratio Lower Upper

94 100

65 35.5 16.6 56.6

66 51.8 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 41.292 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

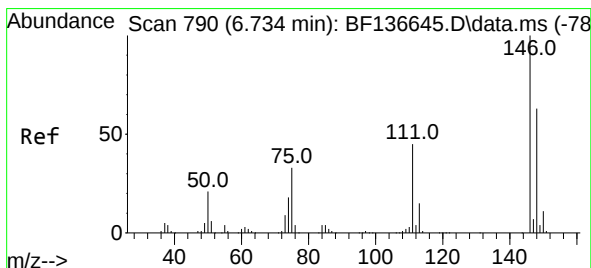
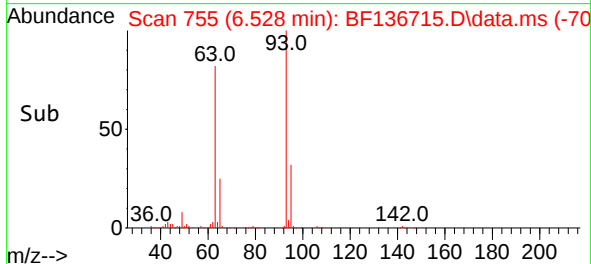
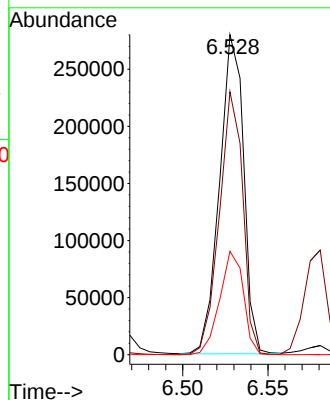
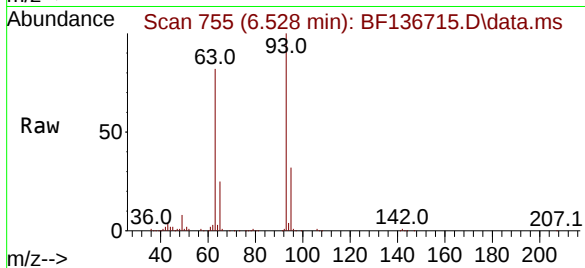
Tgt Ion: 93 Resp: 275126

Ion Ratio Lower Upper

93 100

63 82.1 61.2 101.2

95 32.3 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 38.268 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

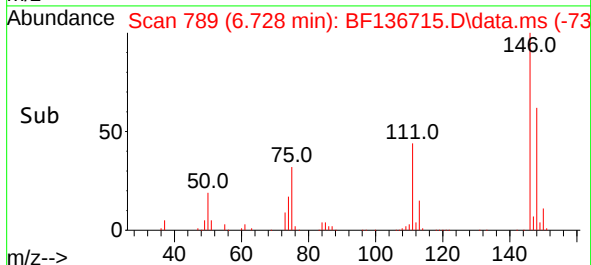
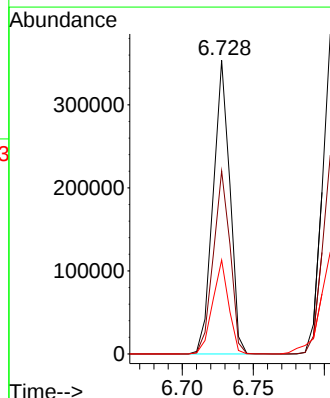
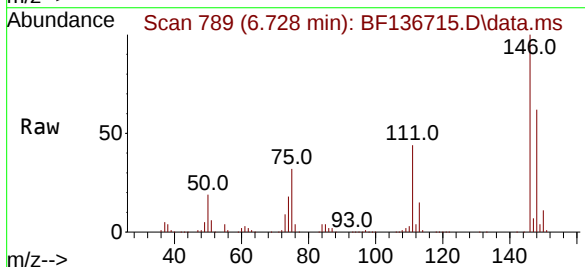
Tgt Ion:146 Resp: 289367

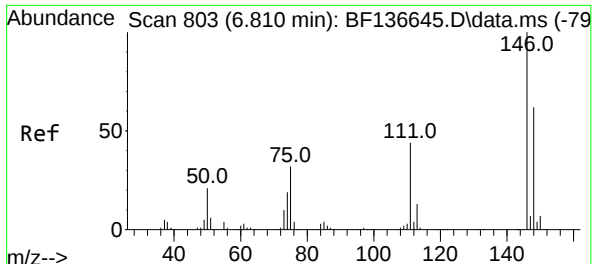
Ion Ratio Lower Upper

146 100

148 62.3 50.5 75.7

75 32.0 26.2 39.4

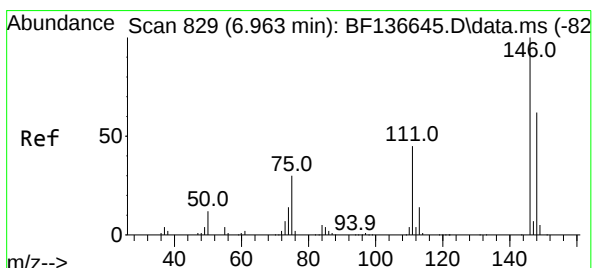
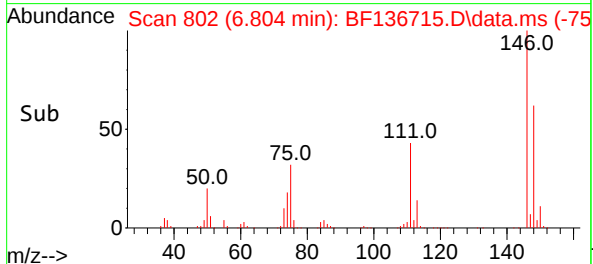
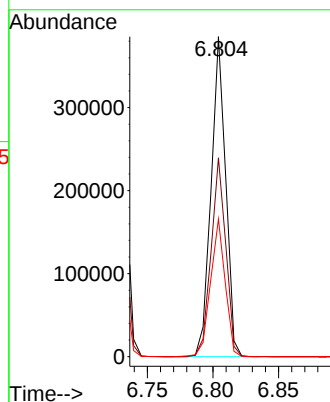
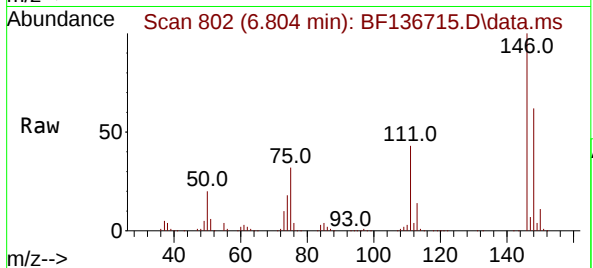




#13
1,4-Dichlorobenzene
Concen: 38.626 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

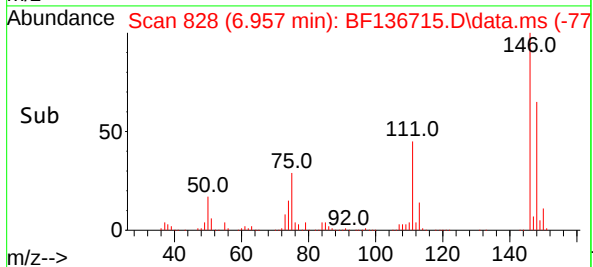
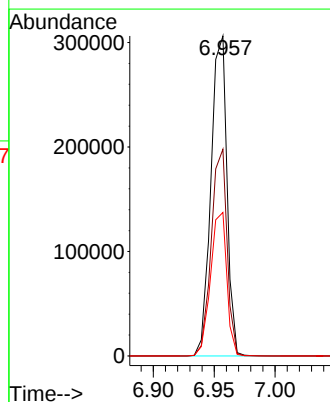
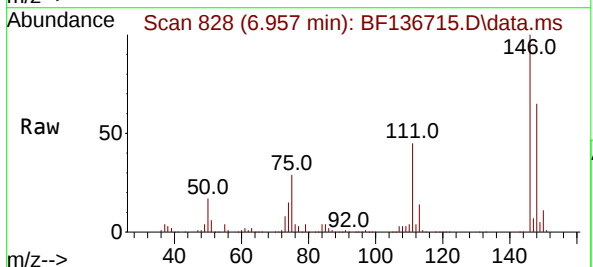
Instrument :
BNA_F
ClientSampleId :
PB157895BS

Tgt Ion:146 Resp: 298432
Ion Ratio Lower Upper
146 100
148 62.1 49.2 73.8
111 43.0 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 38.984 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:146 Resp: 280270
Ion Ratio Lower Upper
146 100
148 64.6 49.6 74.4
111 44.8 36.2 54.2

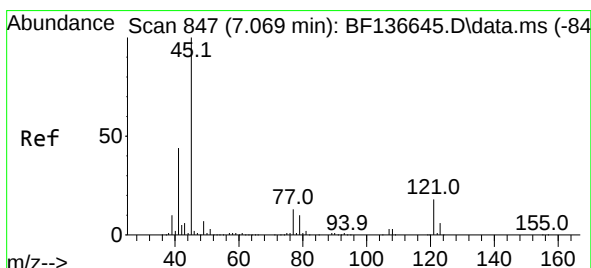
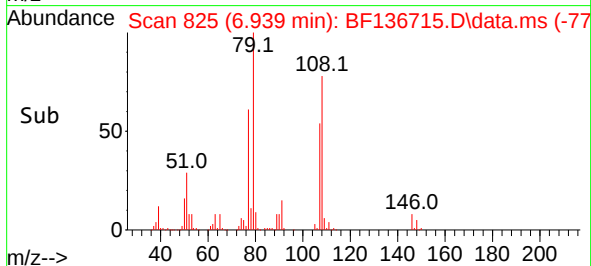
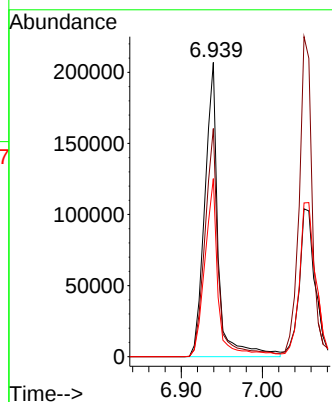
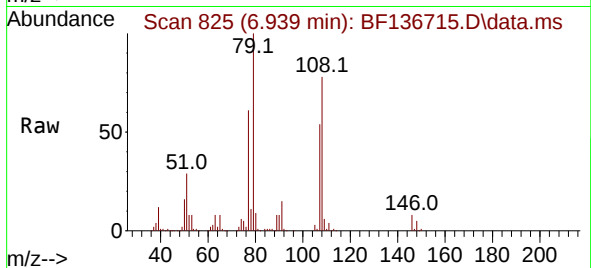




#15
Benzyl Alcohol
Concen: 42.789 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

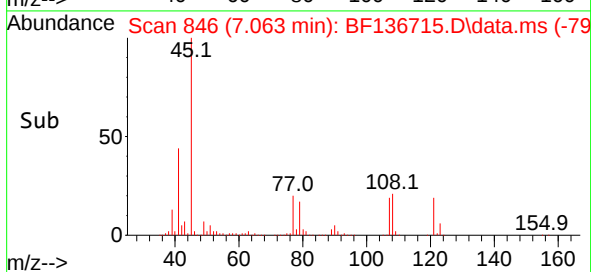
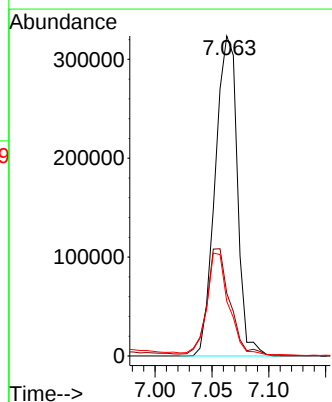
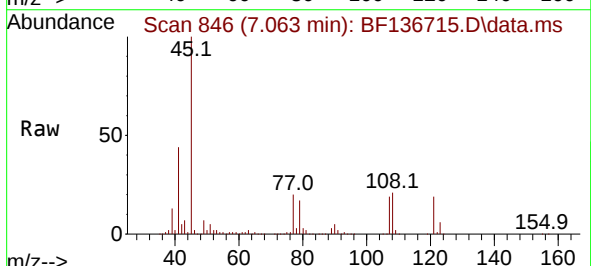
Instrument :
BNA_F
ClientSampleId :
PB157895BS

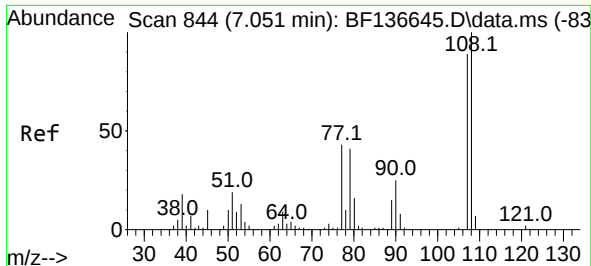
Tgt Ion: 79 Resp: 236923
Ion Ratio Lower Upper
79 100
108 77.6 61.0 91.6
77 60.5 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.288 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion: 45 Resp: 438876
Ion Ratio Lower Upper
45 100
77 19.6 0.0 34.3
79 17.1 0.0 31.4

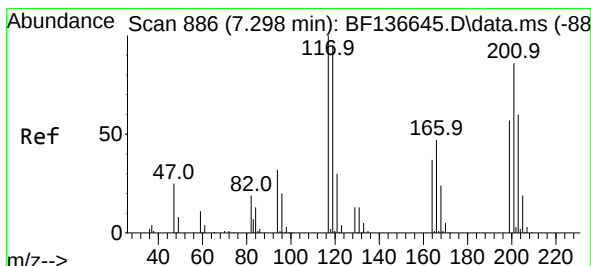
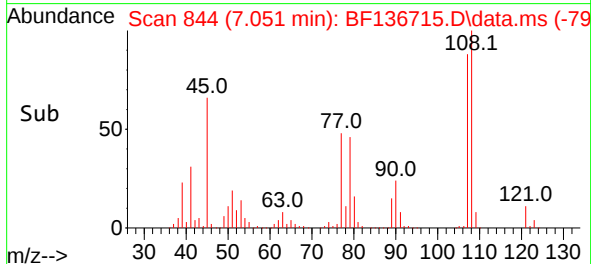
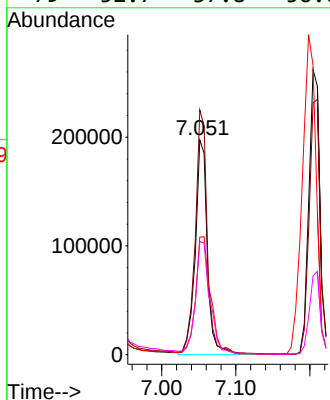
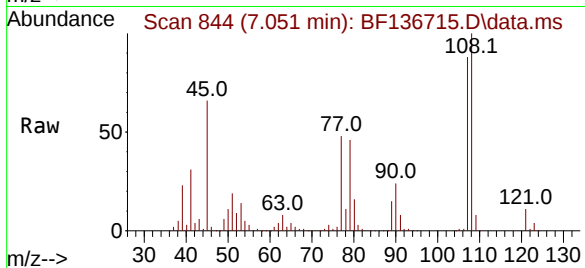




#17
2-Methylphenol
Concen: 38.939 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

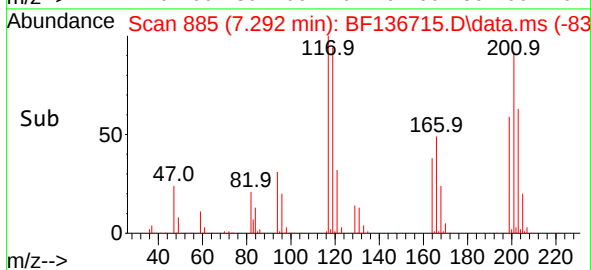
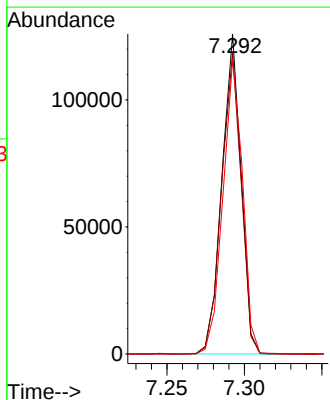
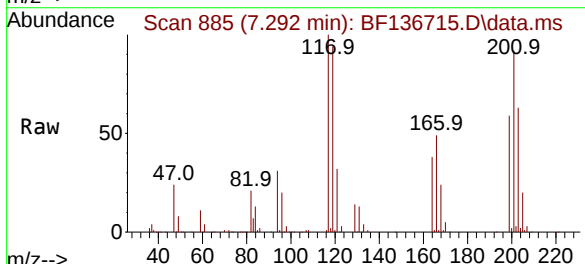
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BNA_F
ClientSampleId :
PB157895BS

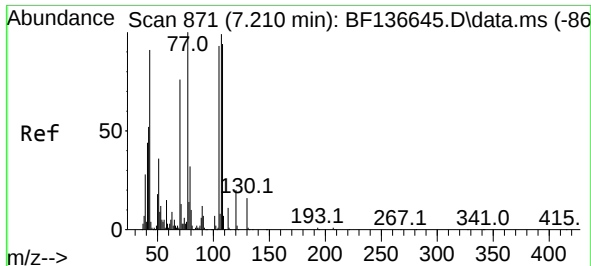
Tgt Ion:	107	Resp:	223598
Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.3	135.5
77	54.9	38.7	58.1
79	52.7	37.8	56.6



#18
Hexachloroethane
Concen: 38.552 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:	117	Resp:	108175
Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.8	113.6
201	92.1	69.1	103.7

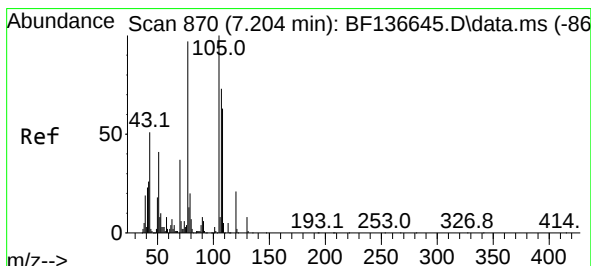
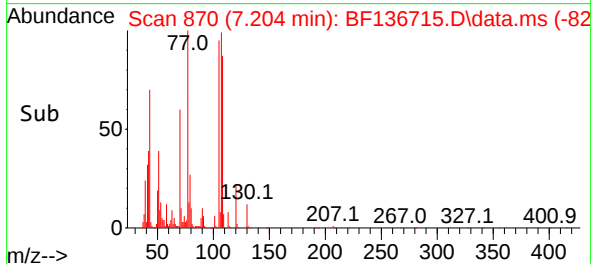
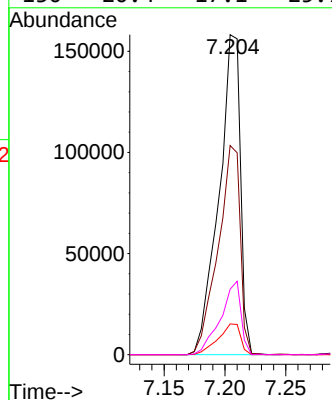
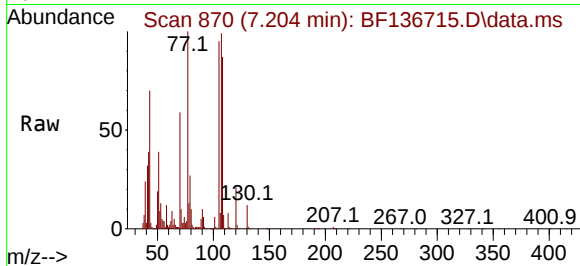




#19
n-Nitroso-di-n-propylamine
Concen: 39.105 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

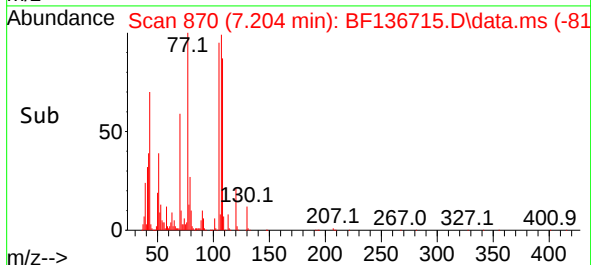
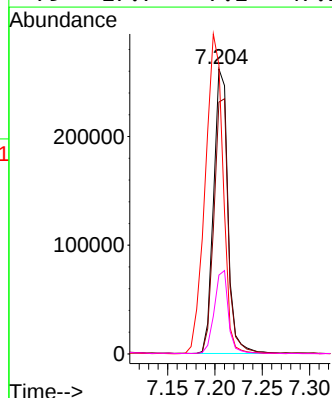
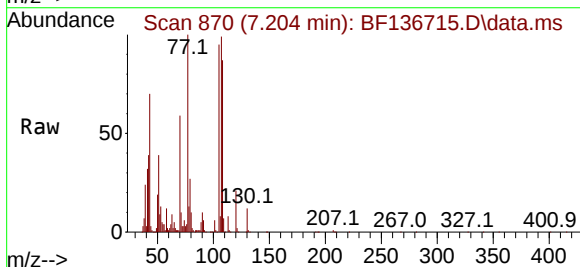
Instrument :
BNA_F
ClientSampleId :
PB157895BS

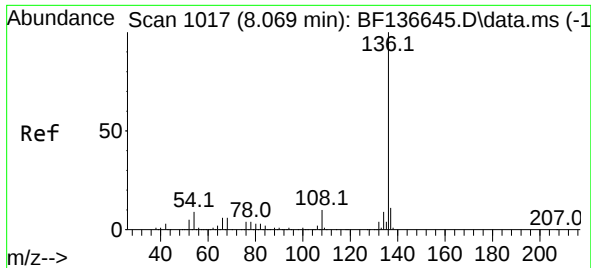
Tgt Ion: 70 Resp: 194559
Ion Ratio Lower Upper
70 100
42 65.3 54.2 81.4
101 9.6 7.6 11.4
130 20.4 17.1 25.7



#20
3+4-Methylphenols
Concen: 38.300 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

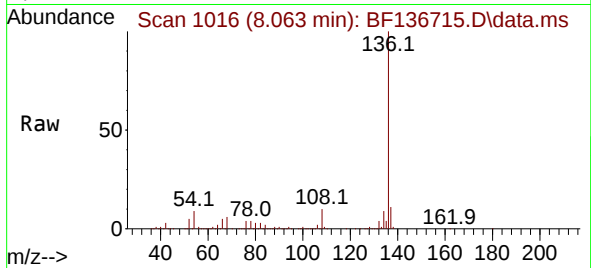
Tgt Ion: 107 Resp: 274764
Ion Ratio Lower Upper
107 100
108 88.4 66.0 106.0
77 101.5 114.2 154.2#
79 27.7 7.2 47.2



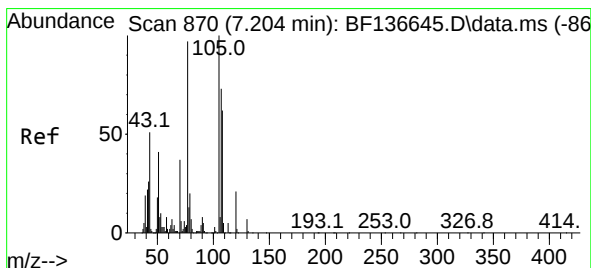
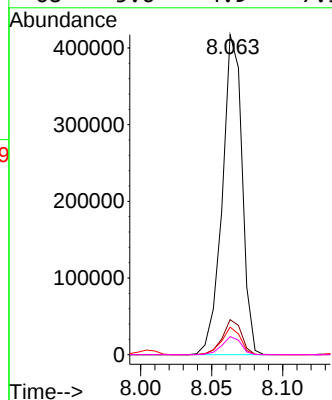
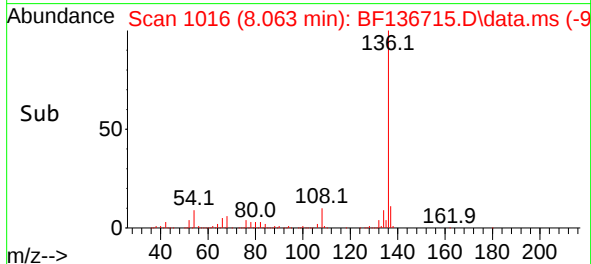


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

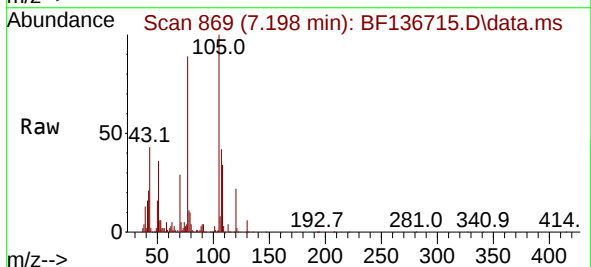
Instrument :
BNA_F
ClientSampleId :
PB157895BS



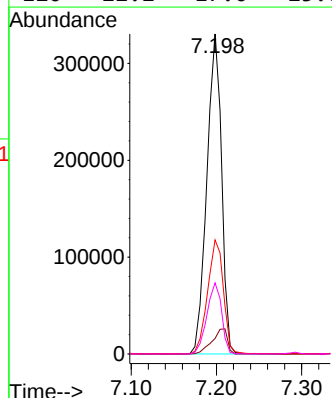
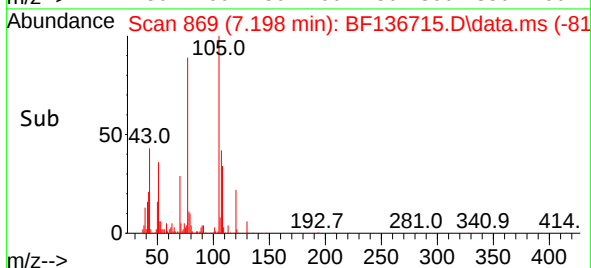
Tgt Ion:136	Resp:	404330	
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.6	7.2	10.8
68	5.6	4.9	7.3



#22
Acetophenone
Concen: 39.113 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



Tgt	Ion:105	Resp:	396392
Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.8	7.2
51	35.7	32.8	49.2
120	22.2	17.0	25.6

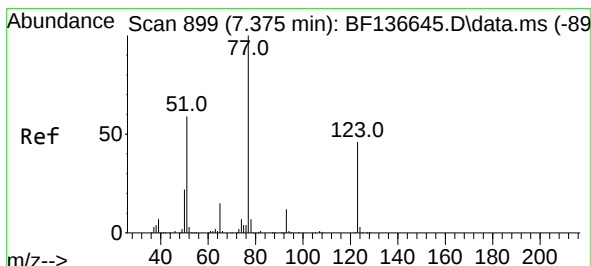
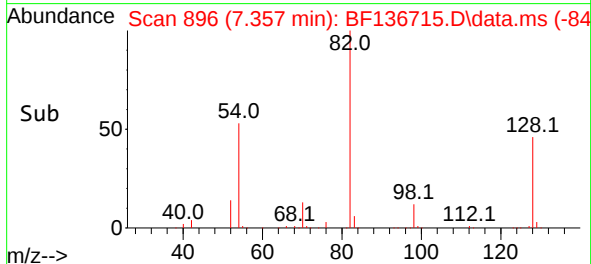
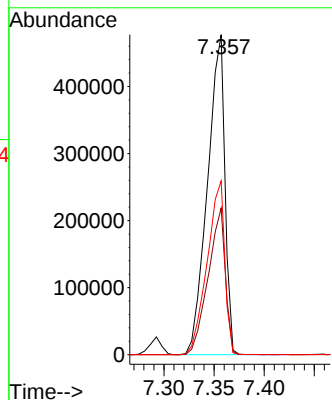
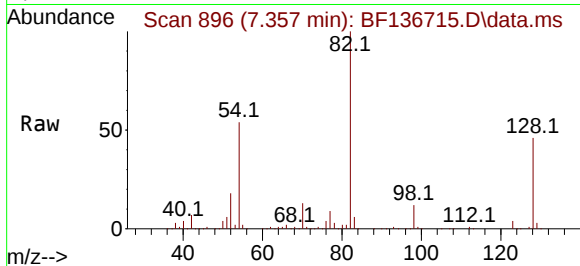




#23
Nitrobenzene-d5
Concen: 73.035 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

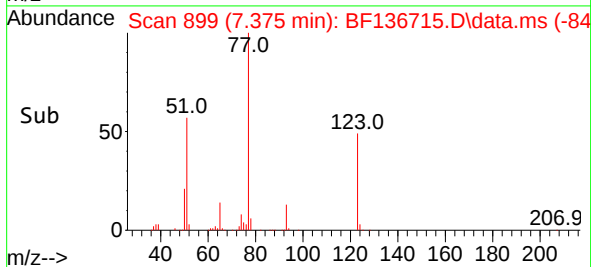
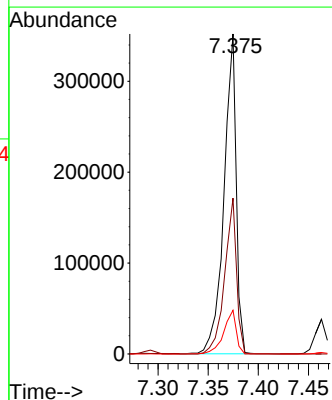
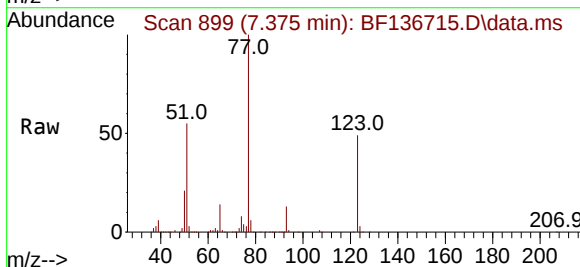
Instrument :
BNA_F
ClientSampleId :
PB157895BS

Tgt Ion: 82 Resp: 577085
Ion Ratio Lower Upper
82 100
128 45.8 35.3 52.9
54 54.3 44.5 66.7



#24
Nitrobenzene
Concen: 37.588 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion: 77 Resp: 297516
Ion Ratio Lower Upper
77 100
123 48.7 36.7 55.1
65 13.6 11.8 17.6

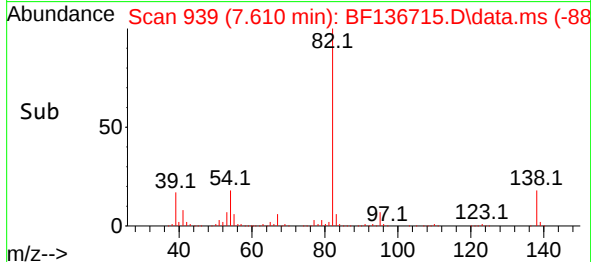
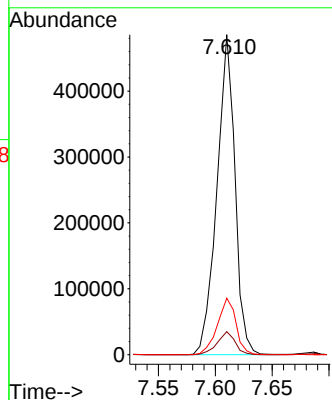
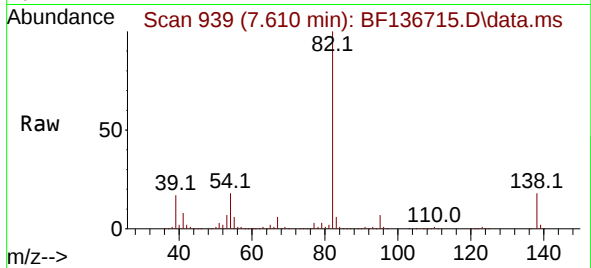




#25
Isophorone
Concen: 37.415 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

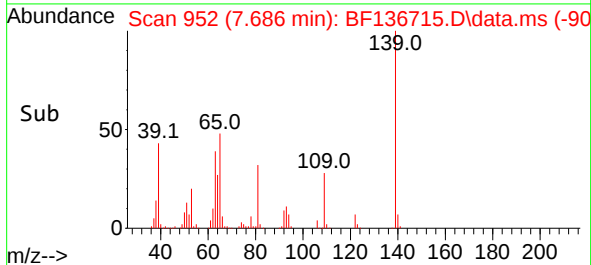
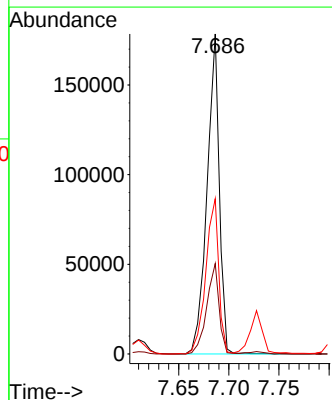
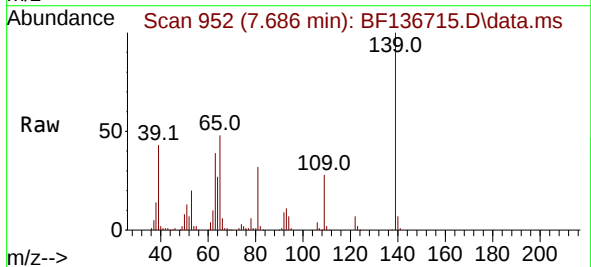
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BNA_F
ClientSampleId :
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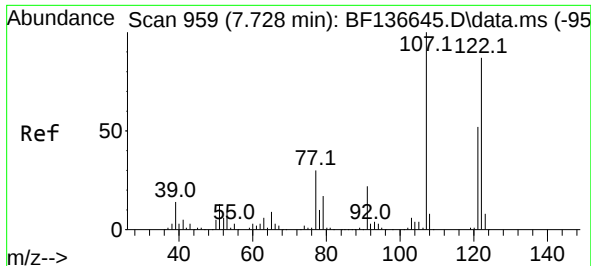
Tgt Ion: 82 Resp: 537944
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.7 14.5 21.7



#26
2-Nitrophenol
Concen: 40.383 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion: 139 Resp: 152930
Ion Ratio Lower Upper
139 100
109 28.2 21.9 32.9
65 48.5 38.6 58.0

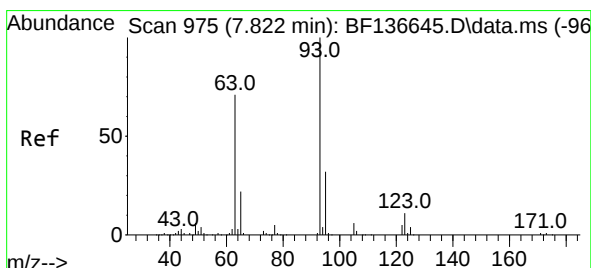
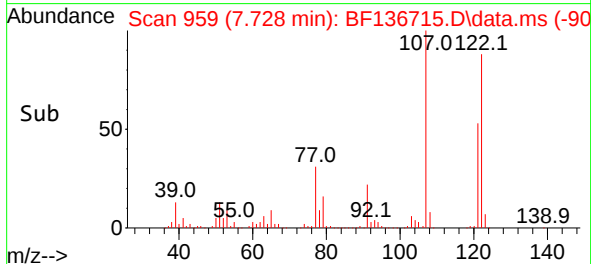
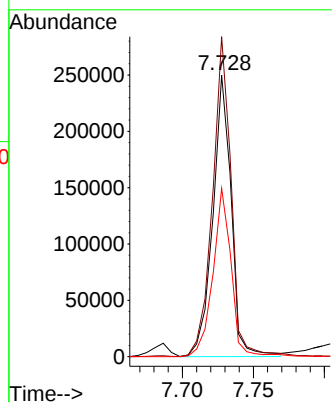
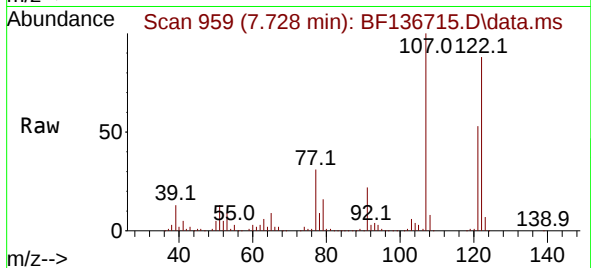




#27
2,4-Dimethylphenol
Concen: 48.704 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

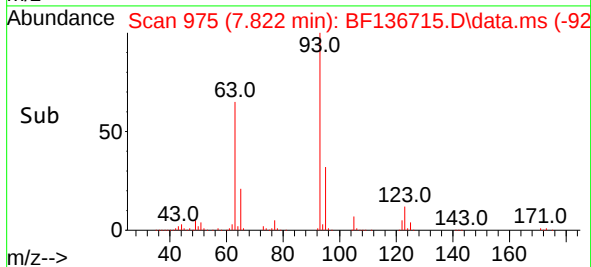
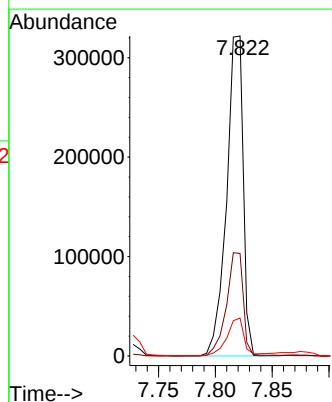
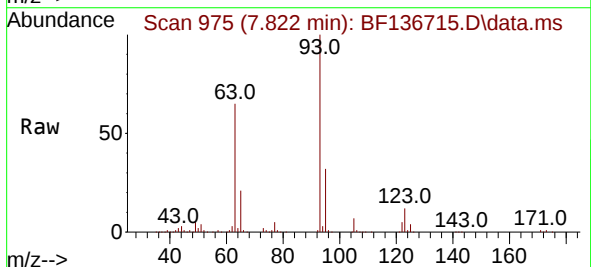
Instrument :
BNA_F
ClientSampleId :
PB157895BS

Tgt Ion:122 Resp: 224546
Ion Ratio Lower Upper
122 100
107 113.6 92.0 138.0
121 59.8 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 37.669 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion: 93 Resp: 329207
Ion Ratio Lower Upper
93 100
95 32.1 25.5 38.3
123 11.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 37.486 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

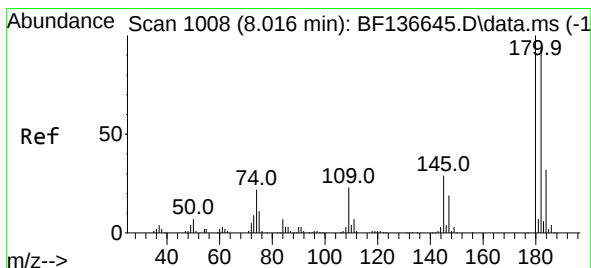
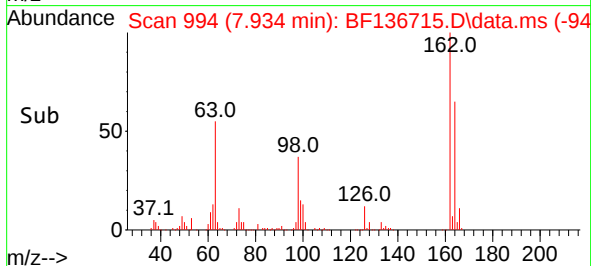
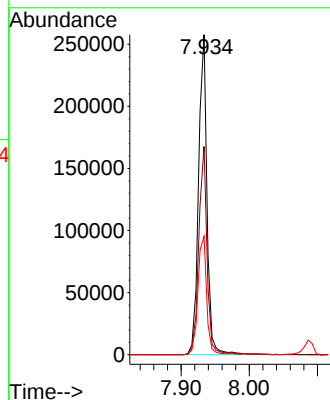
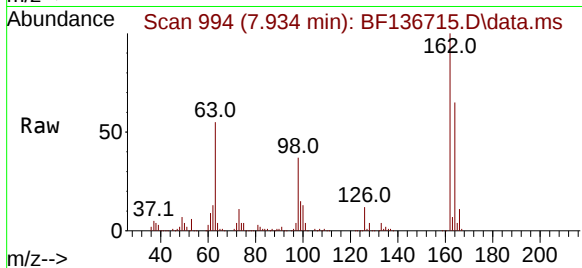
Tgt Ion:162 Resp: 222503

Ion Ratio Lower Upper

162 100

164 65.1 41.7 81.7

98 37.0 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 38.175 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

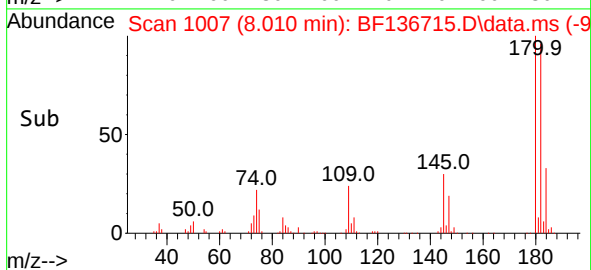
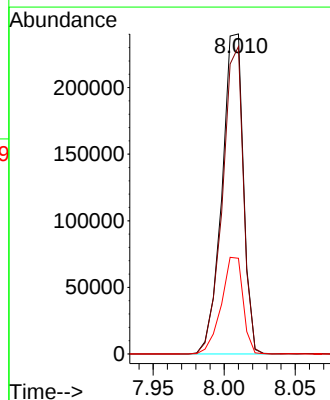
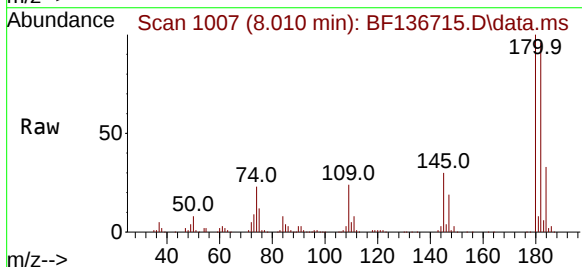
Tgt Ion:180 Resp: 252468

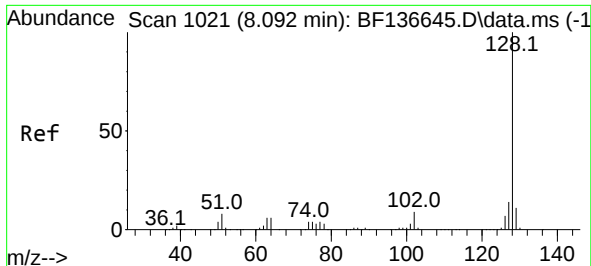
Ion Ratio Lower Upper

180 100

182 96.1 75.4 113.0

145 29.9 23.1 34.7

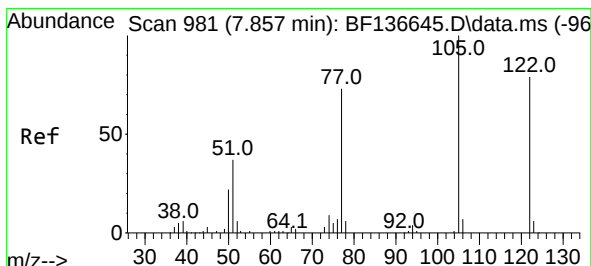
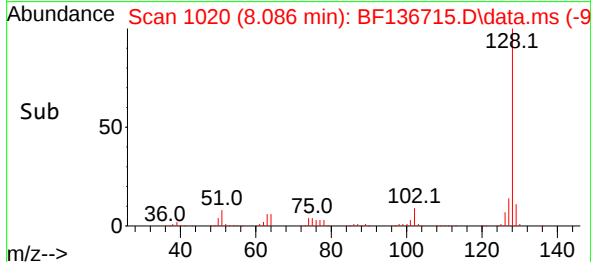
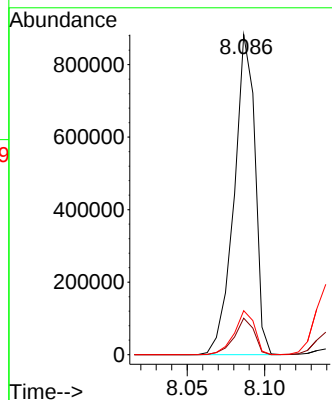
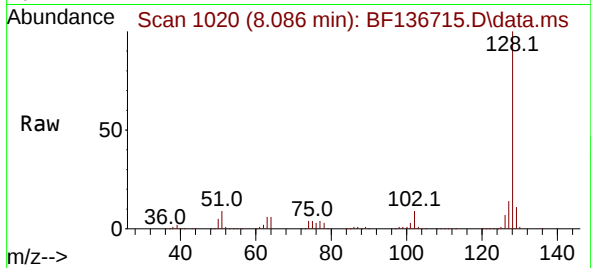




#31
Naphthalene
Concen: 37.361 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

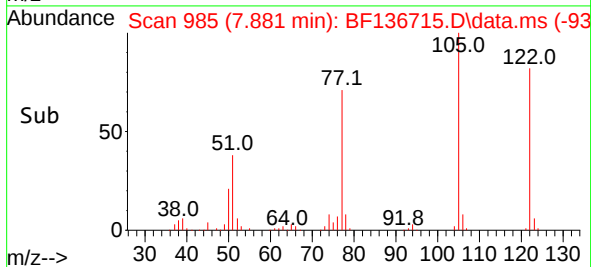
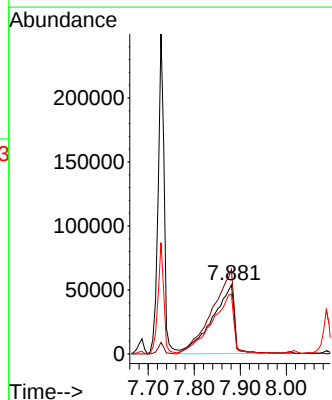
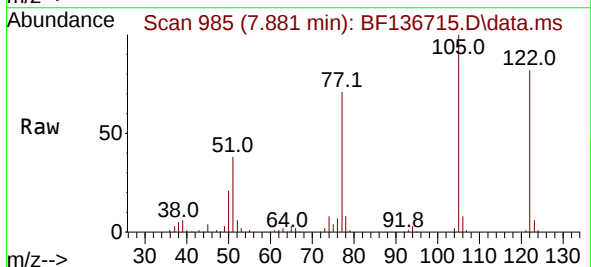
Instrument :
BNA_F
ClientSampleId :
PB157895BS

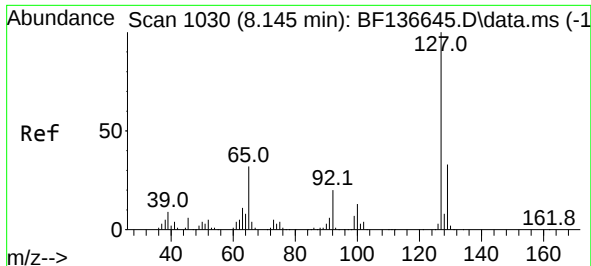
Tgt Ion:128 Resp: 829884
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 39.736 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:122 Resp: 177261
Ion Ratio Lower Upper
122 100
105 122.4 100.8 140.8
77 87.0 70.9 110.9

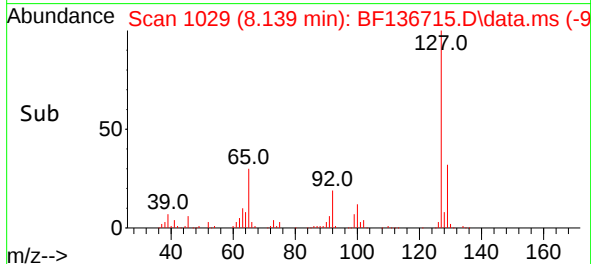
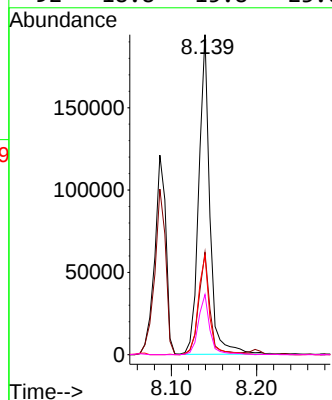
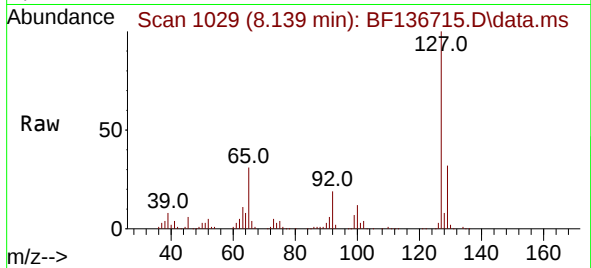




#33
4-Chloroaniline
Concen: 21.359 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

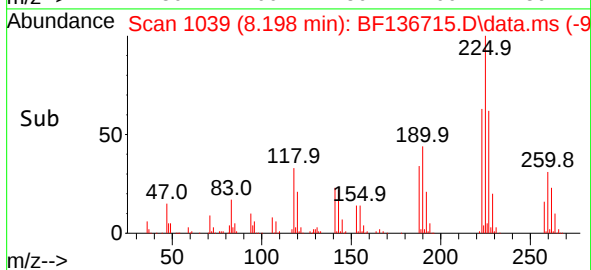
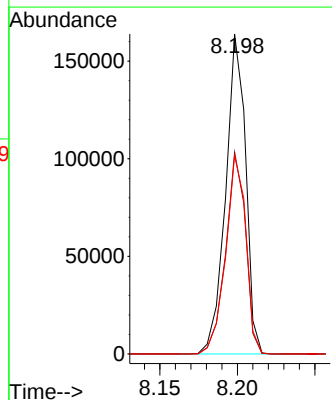
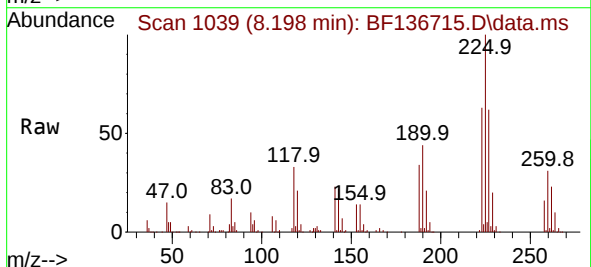
Instrument :
BNA_F
ClientSampleId :
PB157895BS

Tgt Ion:	127	Resp:	175175
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	31.0	25.8	38.8
92	18.8	15.8	23.6



#34
Hexachlorobutadiene
Concen: 36.531 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:	225	Resp:	146784
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	62.0	51.9	77.9

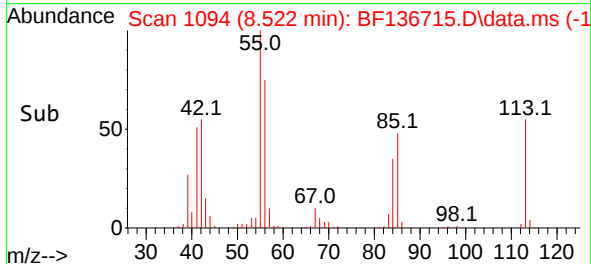
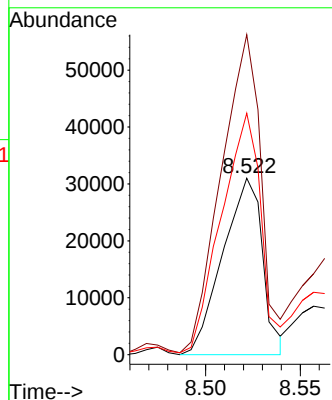
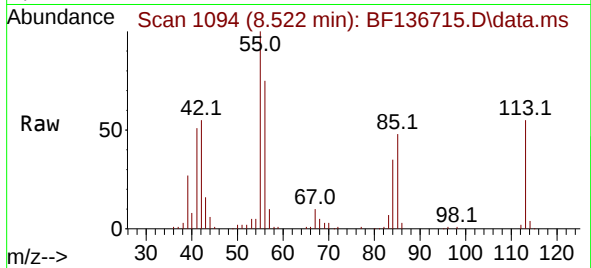




#35
 Caprolactam
 Concen: 23.155 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF136715.D
 Acq: 26 Dec 2023 12:50

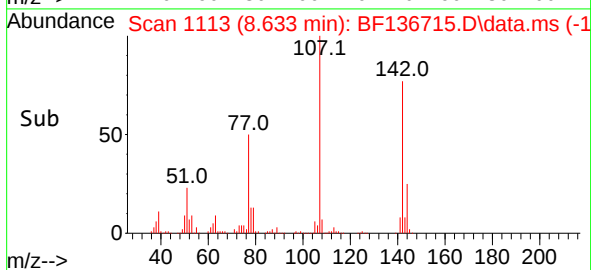
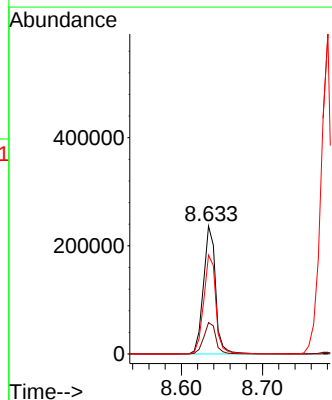
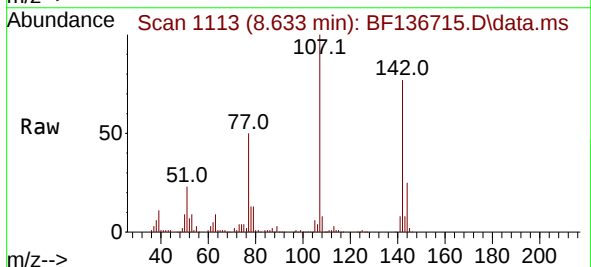
Instrument :
 BNA_F
 ClientSampleId :
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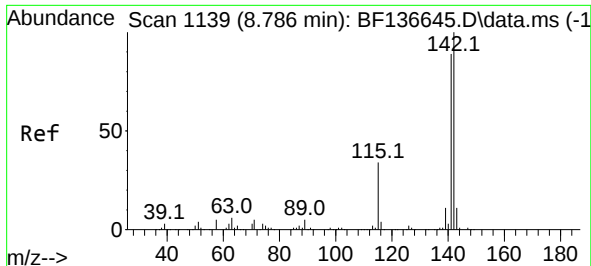
Tgt Ion:113 Resp: 45341
 Ion Ratio Lower Upper
 113 100
 55 181.4 163.1 203.1
 56 136.8 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.788 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136715.D
 Acq: 26 Dec 2023 12:50

Tgt Ion:107 Resp: 245823
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.2 30.2
 142 77.3 62.3 93.5





#37

2-Methylnaphthalene

Concen: 36.456 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

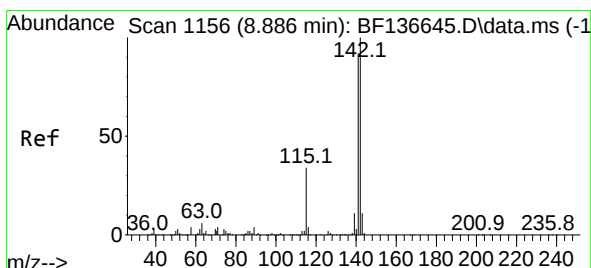
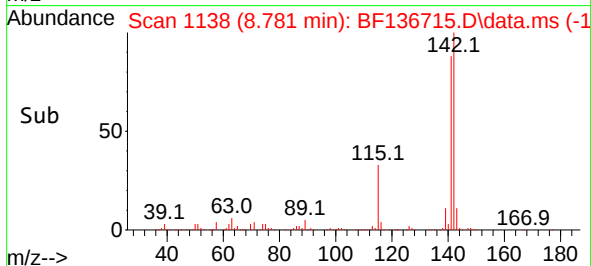
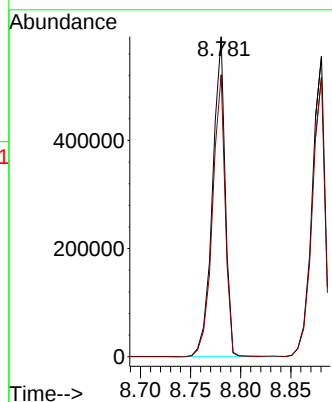
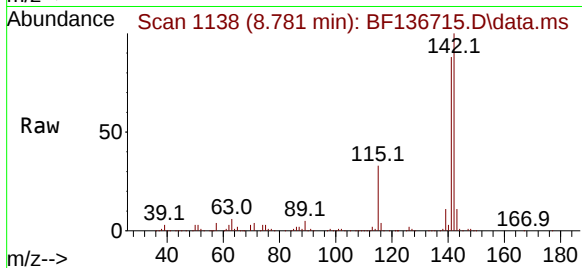
PB157895BS

Tgt Ion:142 Resp: 521150

Ion Ratio Lower Upper

142 100

141 88.2 71.1 106.7



#38

1-Methylnaphthalene

Concen: 35.069 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136715.D

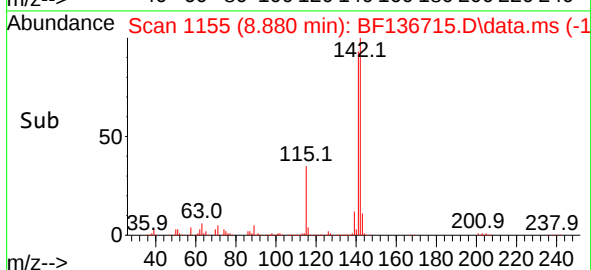
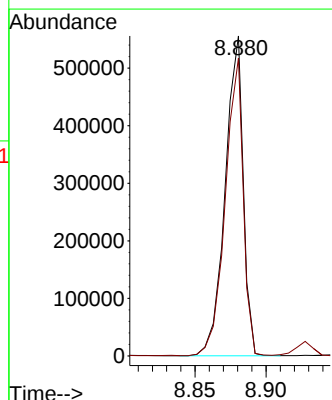
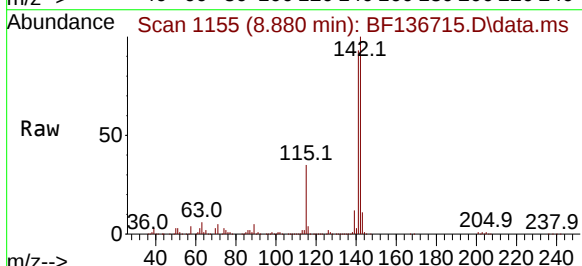
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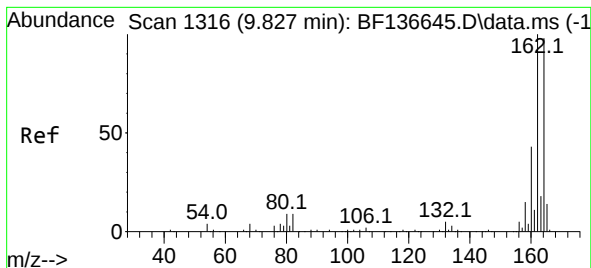
Tgt Ion:142 Resp: 491844

Ion Ratio Lower Upper

142 100

141 93.1 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

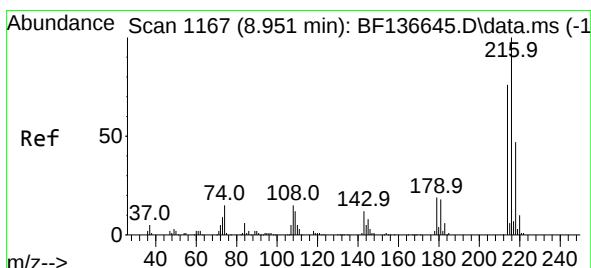
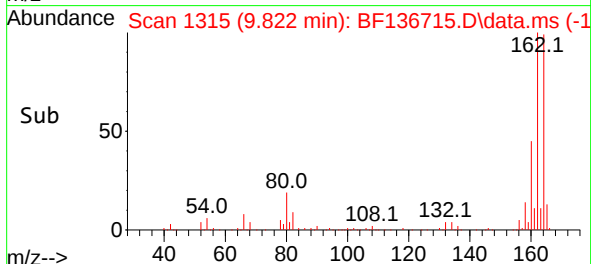
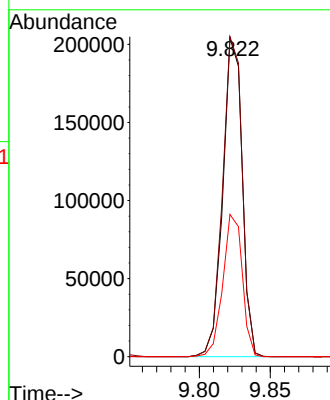
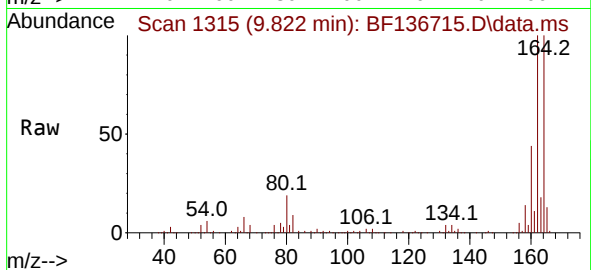
Tgt Ion:164 Resp: 192639

Ion Ratio Lower Upper

164 100

162 100.4 81.6 122.4

160 44.7 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.065 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Tgt Ion:216 Resp: 244992

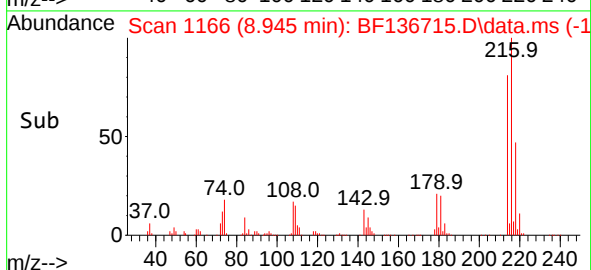
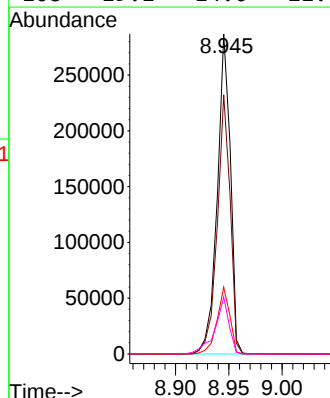
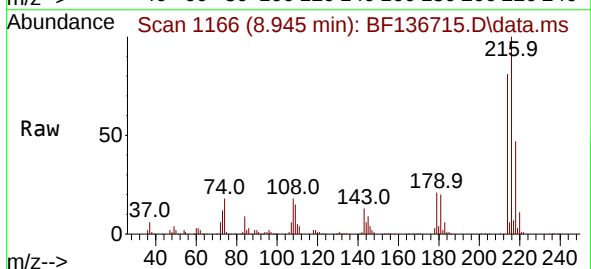
Ion Ratio Lower Upper

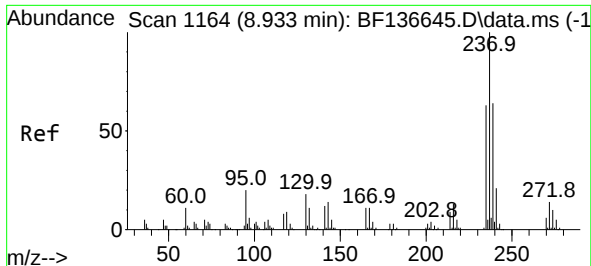
216 100

214 79.8 62.3 93.5

179 20.4 16.4 24.6

108 19.1 14.0 21.0

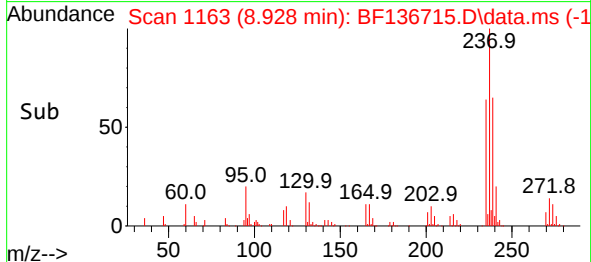
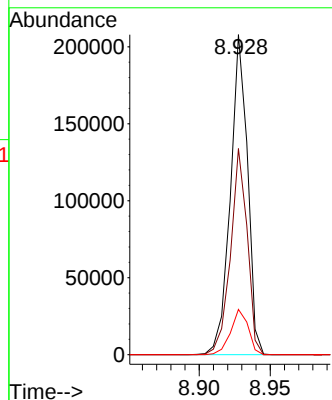
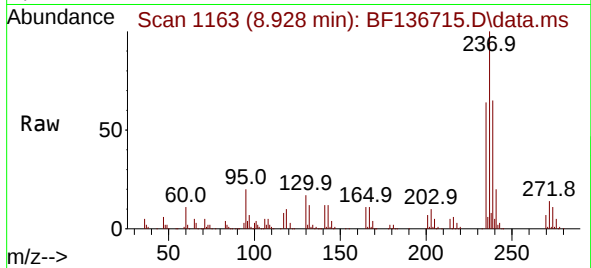




#41
Hexachlorocyclopentadiene
Concen: 90.949 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

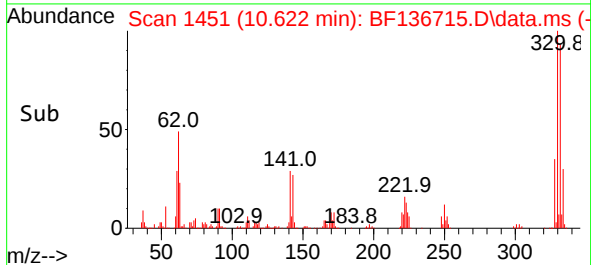
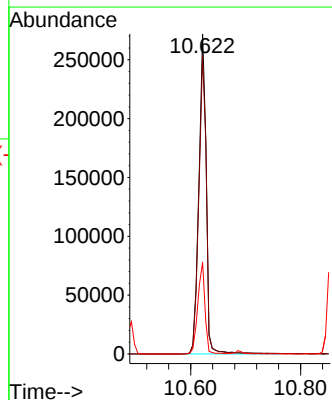
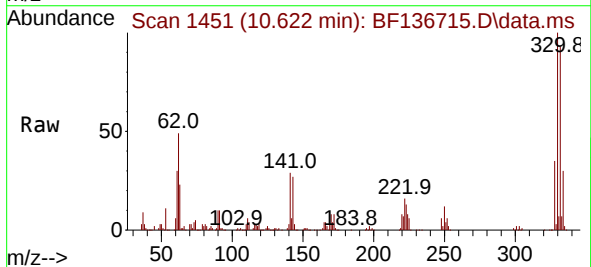
Instrument :
BNA_F
ClientSampleId :
PB157895BS

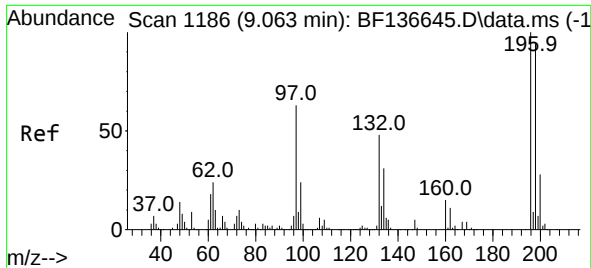
Tgt Ion:237 Resp: 174361
Ion Ratio Lower Upper
237 100
235 64.4 43.2 83.2
272 14.1 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 112.192 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:330 Resp: 254535
Ion Ratio Lower Upper
330 100
332 94.9 77.4 116.0
141 27.7 23.4 35.2

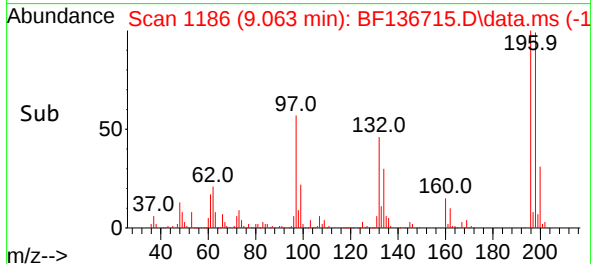
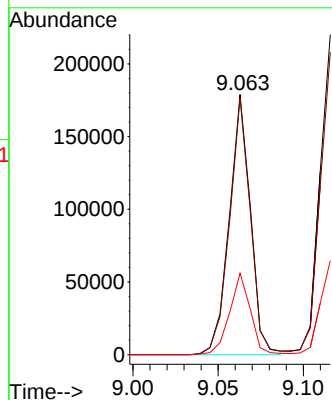
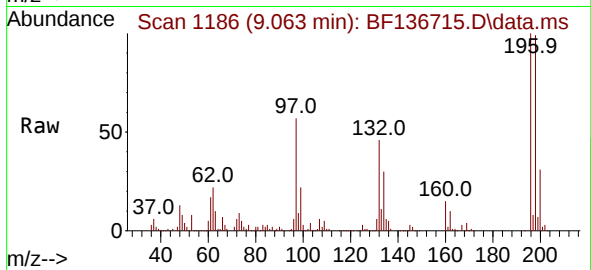




#43
2,4,6-Trichlorophenol
Concen: 40.491 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

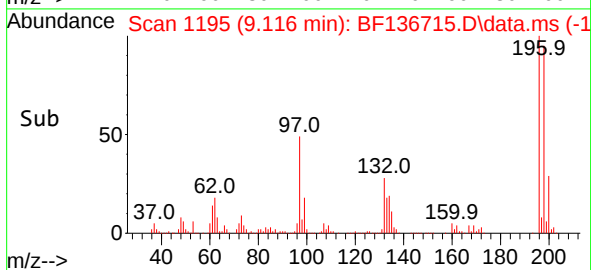
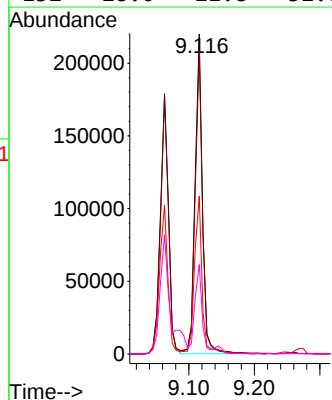
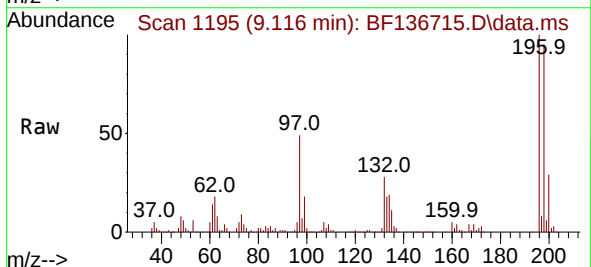
Instrument :
BNA_F
ClientSampleId :
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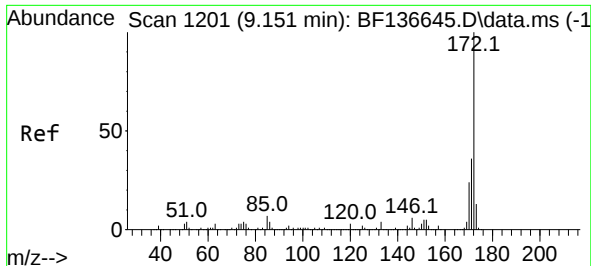
Tgt Ion:196 Resp: 154923
Ion Ratio Lower Upper
196 100
198 98.8 75.1 112.7
200 31.3 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 40.262 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:196 Resp: 171662
Ion Ratio Lower Upper
196 100
198 94.5 77.0 115.6
97 49.3 36.1 54.1
132 28.0 21.8 32.6

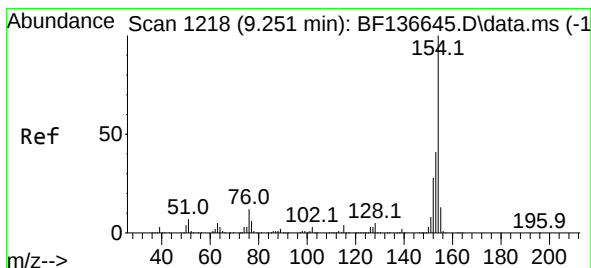
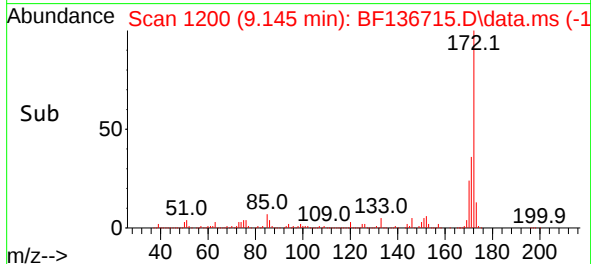
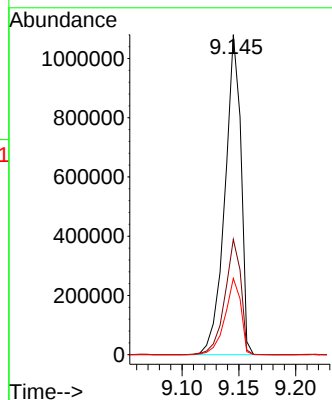
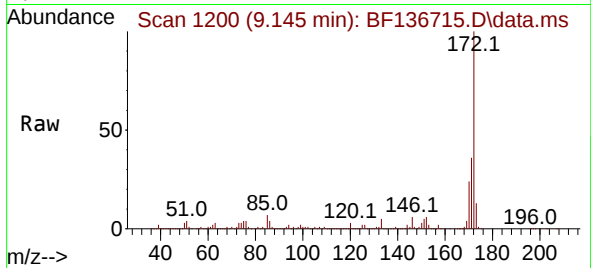




#45
2-Fluorobiphenyl
Concen: 73.863 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

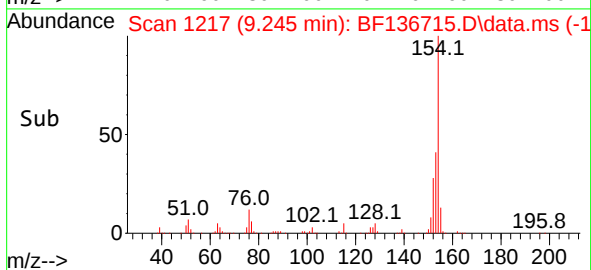
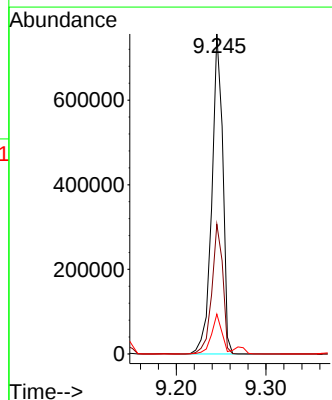
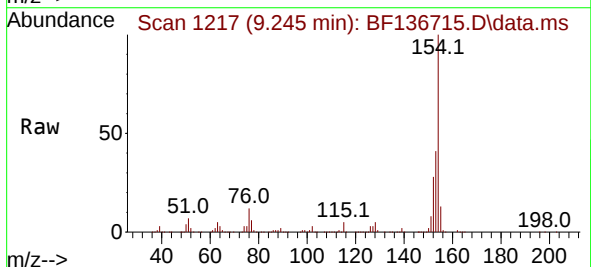
Instrument :
BNA_F
ClientSampleId :
PB157895BS

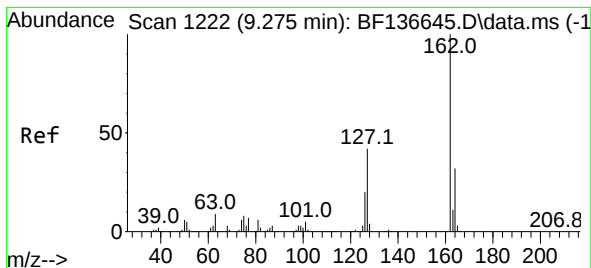
Tgt Ion:172 Resp: 1057927
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.548 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:154 Resp: 639311
Ion Ratio Lower Upper
154 100
153 40.5 21.1 61.1
76 12.4 0.0 31.7





#47

2-Chloronaphthalene

Concen: 39.759 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

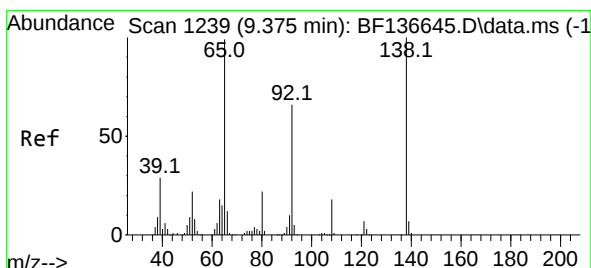
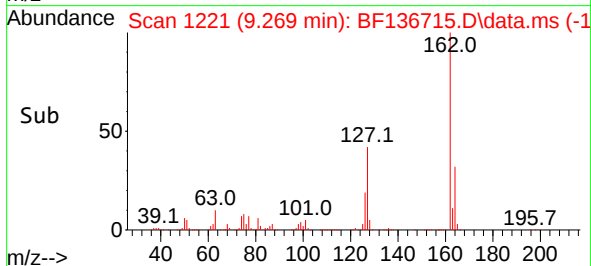
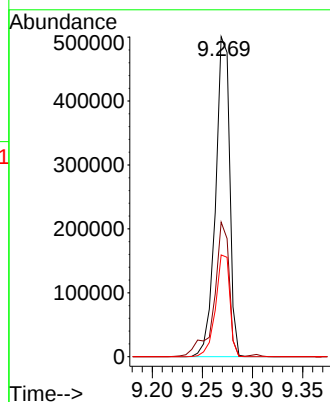
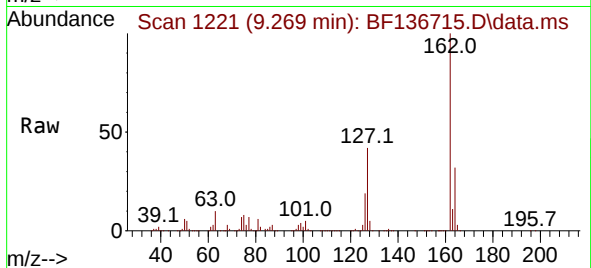
Tgt Ion:162 Resp: 488602

Ion Ratio Lower Upper

162 100

127 42.1 33.6 50.4

164 31.8 25.7 38.5



#48

2-Nitroaniline

Concen: 40.421 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

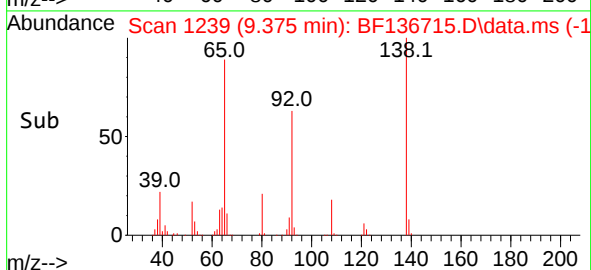
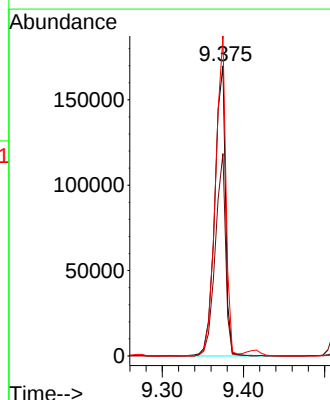
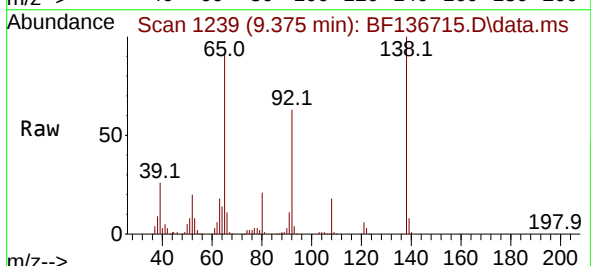
Tgt Ion: 65 Resp: 155552

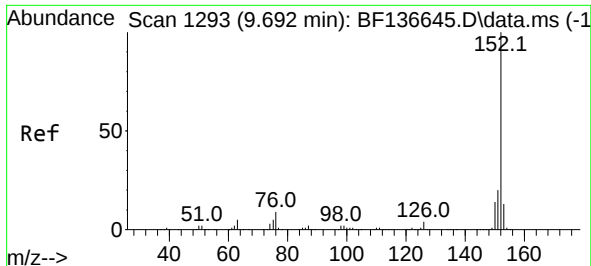
Ion Ratio Lower Upper

65 100

92 69.8 53.2 79.8

138 110.3 81.1 121.7





#49

Acenaphthylene

Concen: 41.054 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

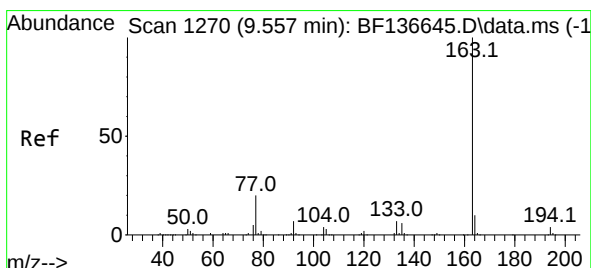
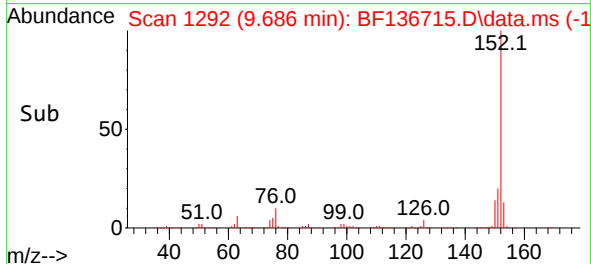
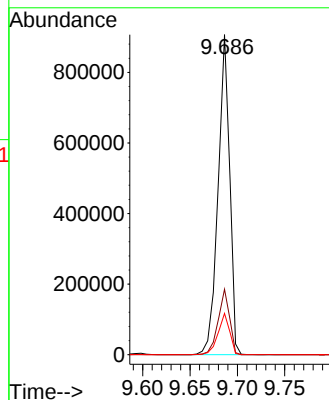
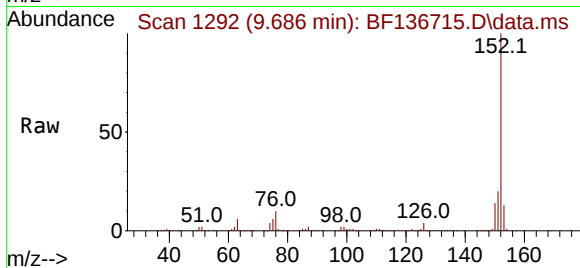
Tgt Ion:152 Resp: 771158

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 12.9 10.2 15.2



#50

Dimethylphthalate

Concen: 39.753 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

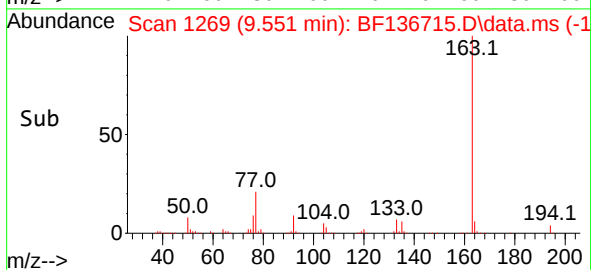
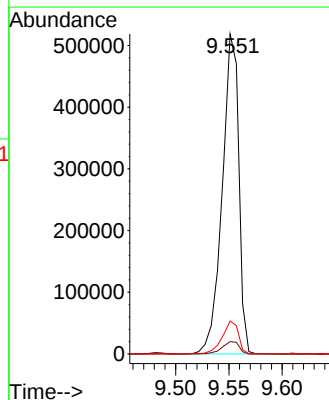
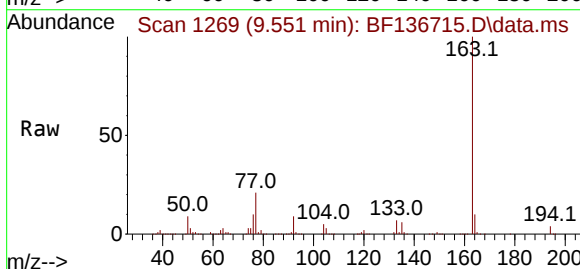
Tgt Ion:163 Resp: 559351

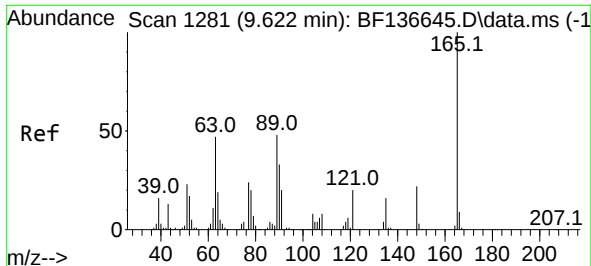
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.3 7.8 11.6

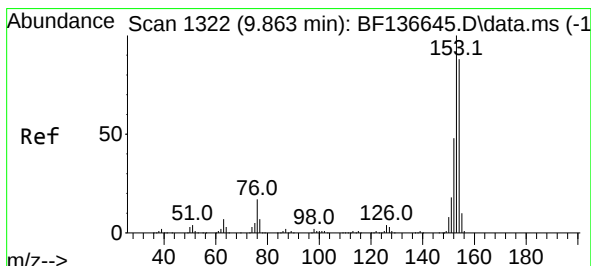
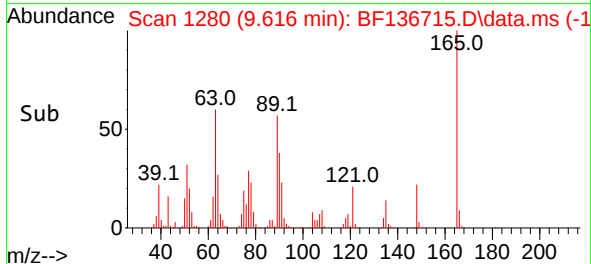
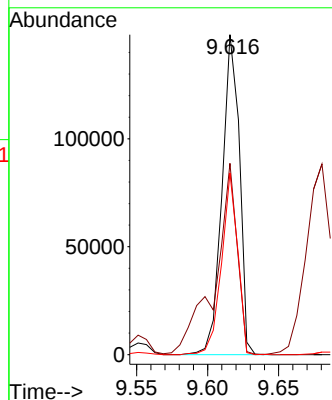
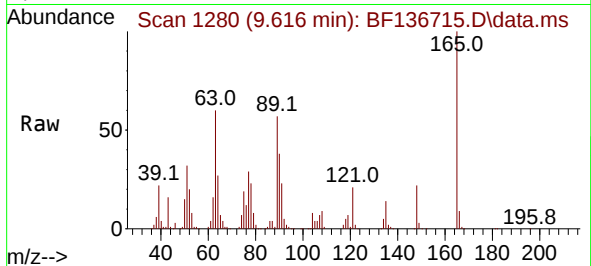




#51
2,6-Dinitrotoluene
Concen: 39.337 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

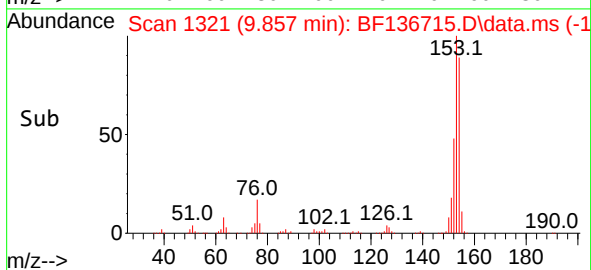
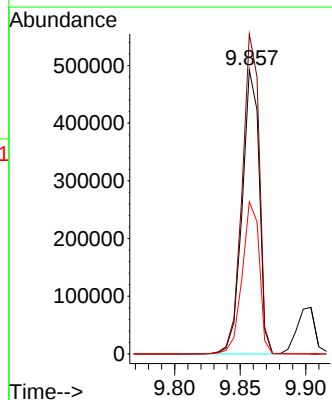
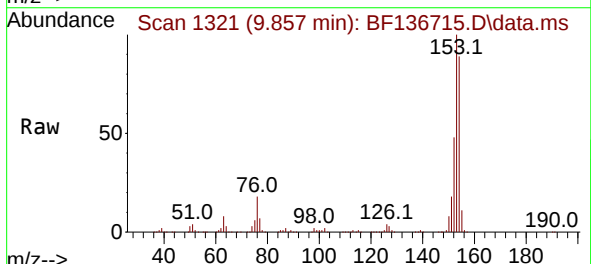
Instrument :
BNA_F
ClientSampleId :
PB157895BS

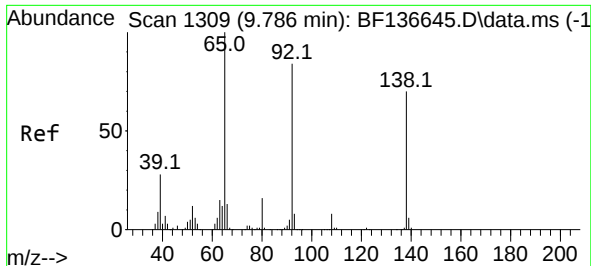
Tgt Ion:165 Resp: 125617
Ion Ratio Lower Upper
165 100
63 59.8 39.8 59.6#
89 56.8 38.8 58.2



#52
Acenaphthene
Concen: 38.392 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:154 Resp: 447023
Ion Ratio Lower Upper
154 100
153 112.6 90.7 136.1
152 53.6 43.7 65.5

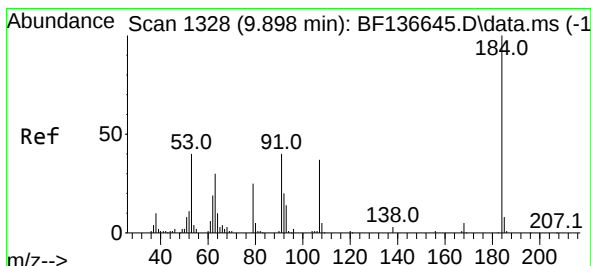
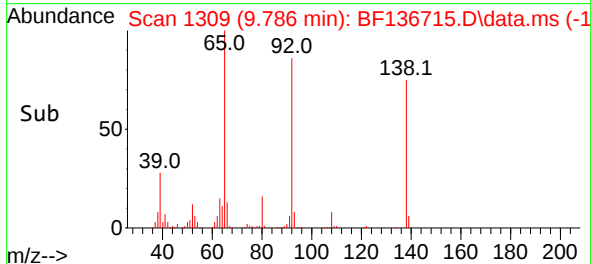
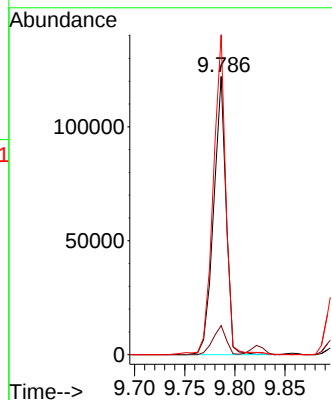
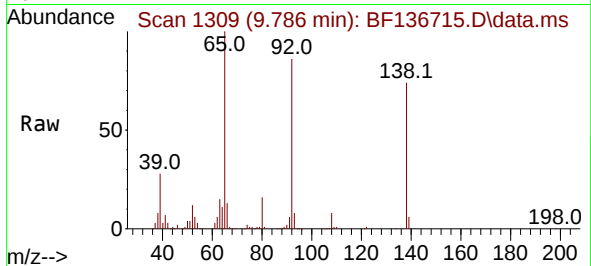




#53
3-Nitroaniline
Concen: 31.271 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

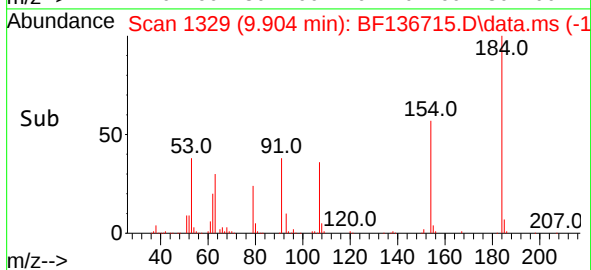
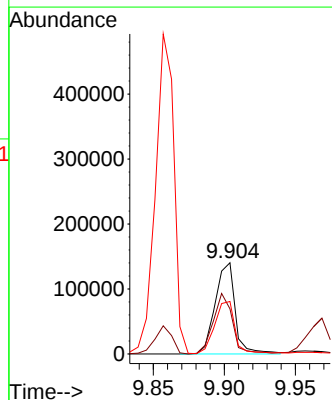
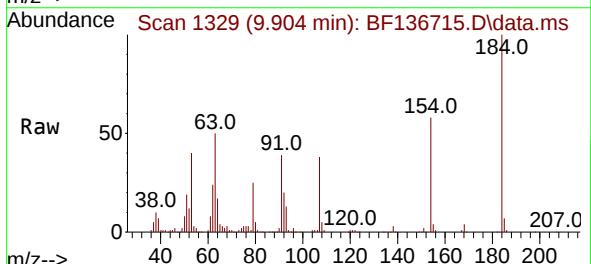
Instrument :
BNA_F
ClientSampleId :
PB157895BS

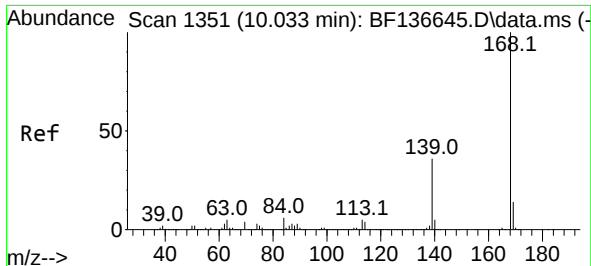
Tgt Ion:138 Resp: 105783
Ion Ratio Lower Upper
138 100
108 10.4 8.6 12.8
92 115.0 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 77.995 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:184 Resp: 137866
Ion Ratio Lower Upper
184 100
63 49.5 40.9 61.3
154 57.5 42.7 64.1

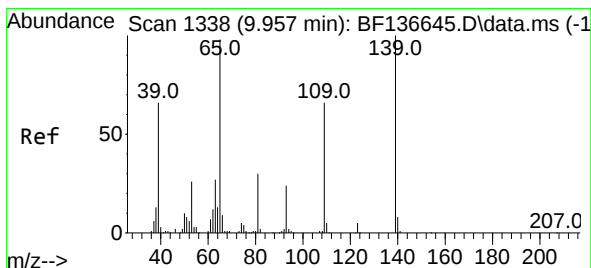
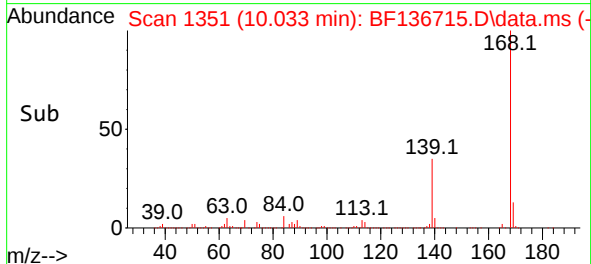
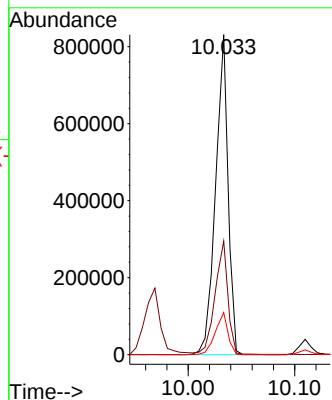
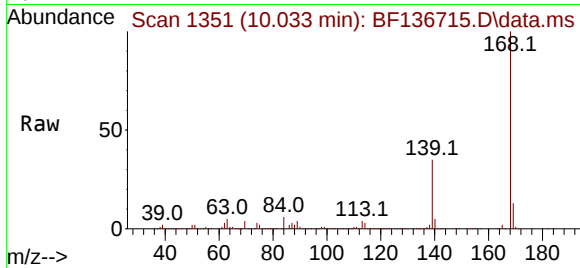




#55
Dibenzofuran
Concen: 38.455 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

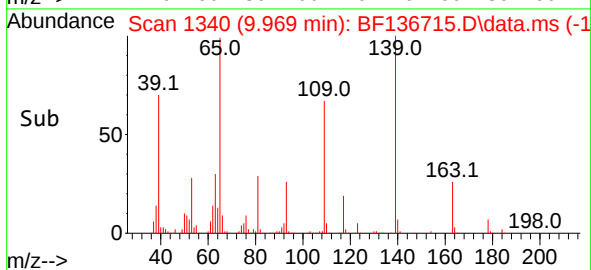
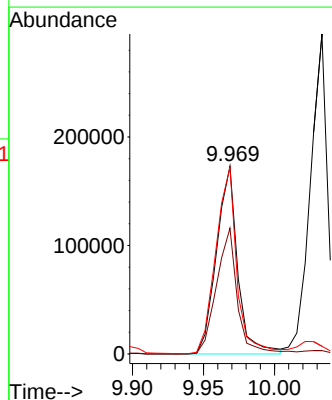
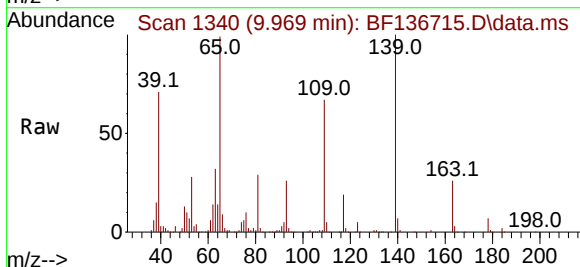
Instrument :
BNA_F
ClientSampleId :
PB157895BS

Tgt Ion:168 Resp: 678739
Ion Ratio Lower Upper
168 100
139 35.5 29.3 43.9
169 13.2 11.0 16.4



#56
4-Nitrophenol
Concen: 78.424 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:139 Resp: 179089
Ion Ratio Lower Upper
139 100
109 67.0 45.8 85.8
65 99.3 77.8 117.8





#57

2,4-Dinitrotoluene

Concen: 37.914 ng

RT: 10.027 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

Tgt Ion:165 Resp: 157176

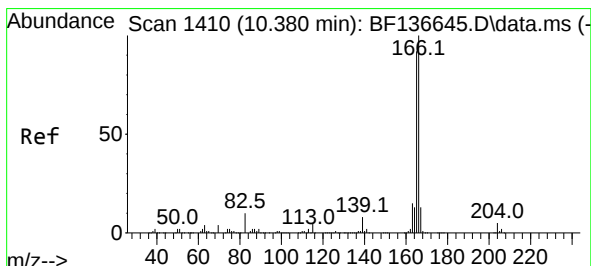
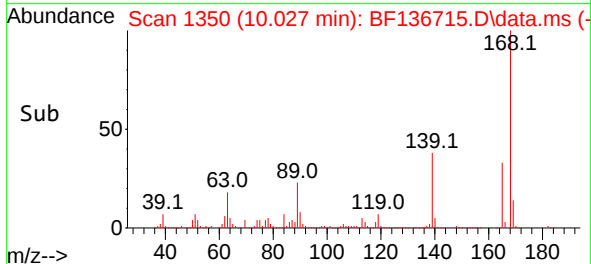
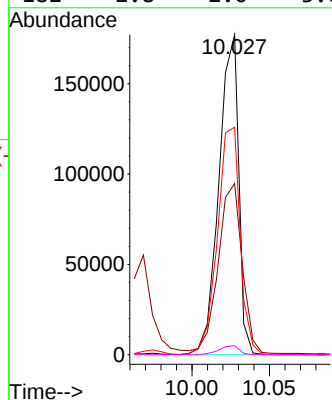
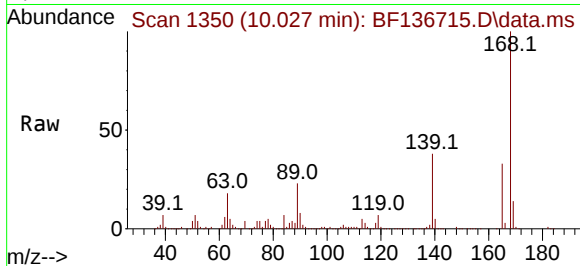
Ion Ratio Lower Upper

165 100

63 53.5 41.0 61.6

89 71.1 59.9 89.9

182 2.8 2.0 3.0



#58

Fluorene

Concen: 38.761 ng

RT: 10.375 min Scan# 1409

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

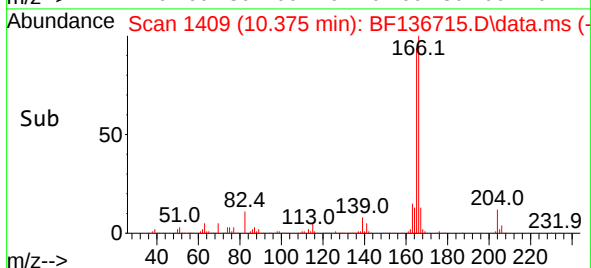
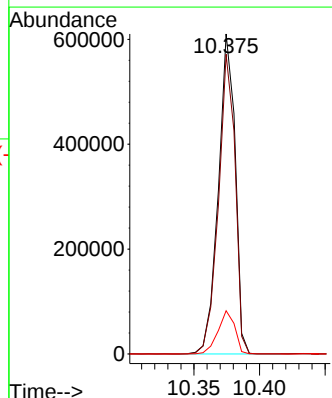
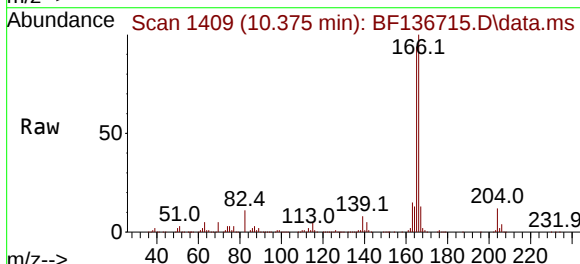
Tgt Ion:166 Resp: 542835

Ion Ratio Lower Upper

166 100

165 93.6 73.7 110.5

167 13.5 10.4 15.6

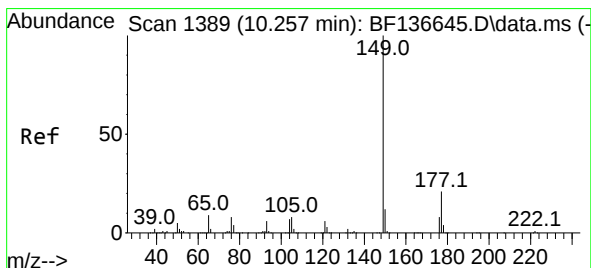
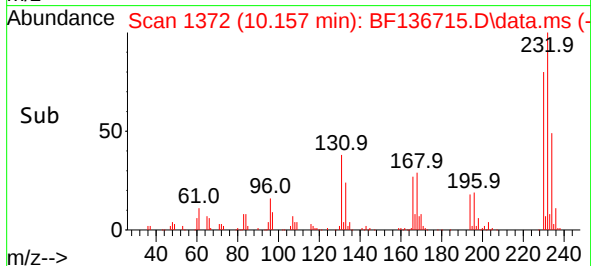
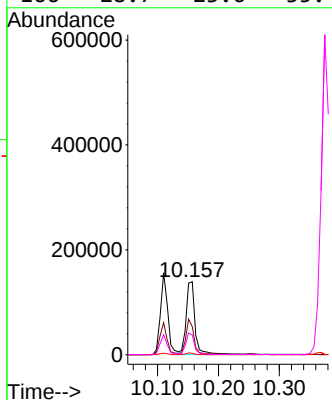
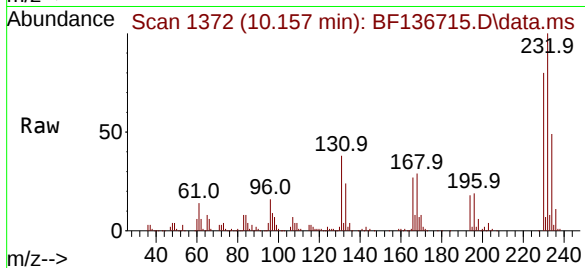




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.343 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

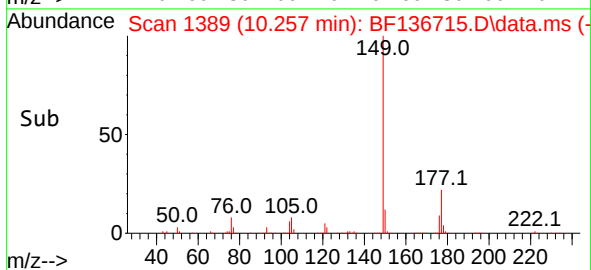
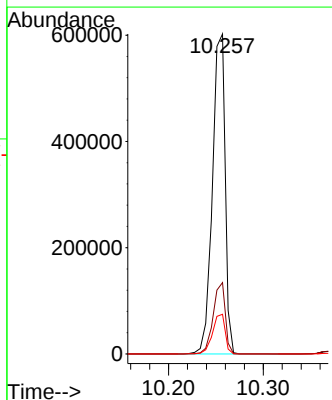
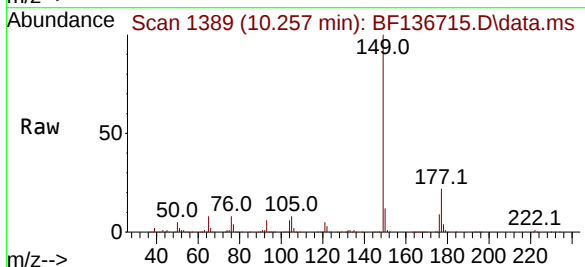
Instrument :
BNA_F
ClientSampleId :
PB157895BS

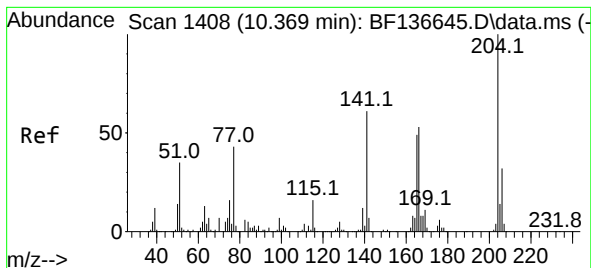
Tgt Ion:232 Resp: 142252
Ion Ratio Lower Upper
232 100
131 43.0 35.1 52.7
130 2.1 1.6 2.4
166 28.7 23.6 35.4



#60
Diethylphthalate
Concen: 38.442 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:149 Resp: 561227
Ion Ratio Lower Upper
149 100
177 22.3 16.9 25.3
150 12.4 9.3 13.9

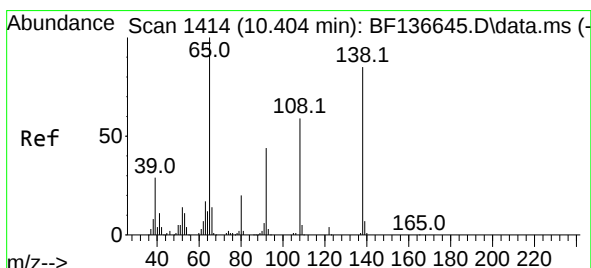
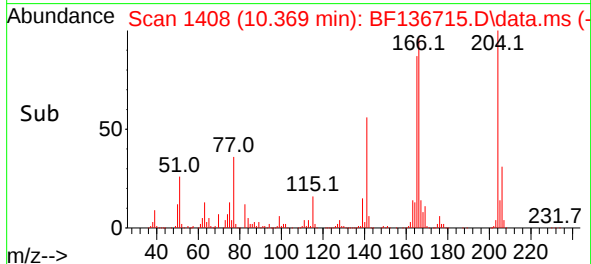
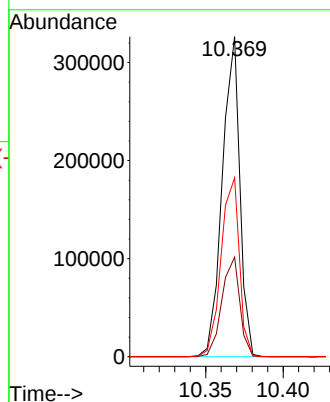
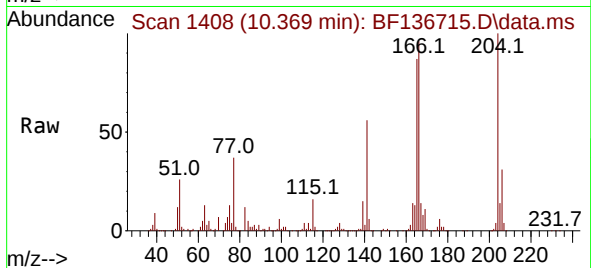




#61
4-Chlorophenyl-phenylether
Concen: 37.678 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

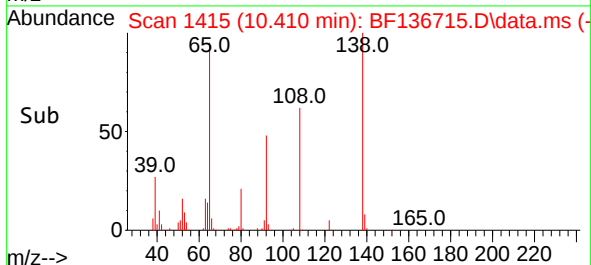
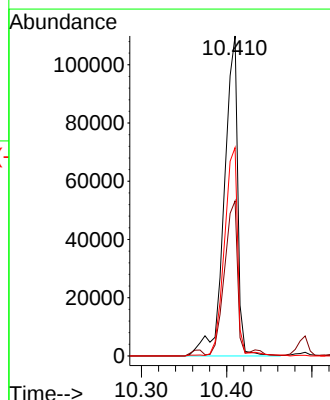
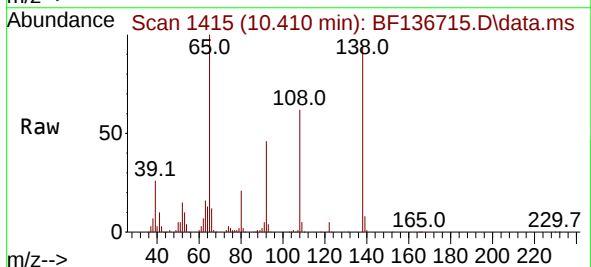
Instrument :
BNA_F
ClientSampleId :
PB157895BS

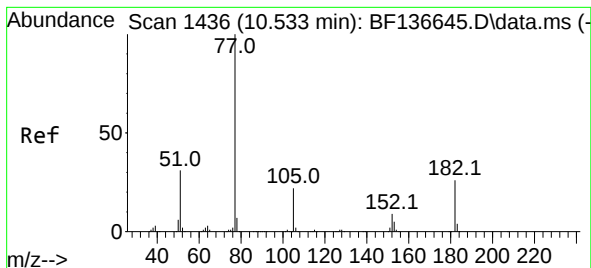
Tgt Ion:204 Resp: 256487
Ion Ratio Lower Upper
204 100
206 31.1 25.6 38.4
141 55.9 48.4 72.6



#62
4-Nitroaniline
Concen: 37.204 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:138 Resp: 121327
Ion Ratio Lower Upper
138 100
92 48.5 32.1 72.1
108 65.1 50.1 90.1





#63

Azobenzene

Concen: 38.298 ng

RT: 10.527 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

Tgt Ion: 77 Resp: 522227

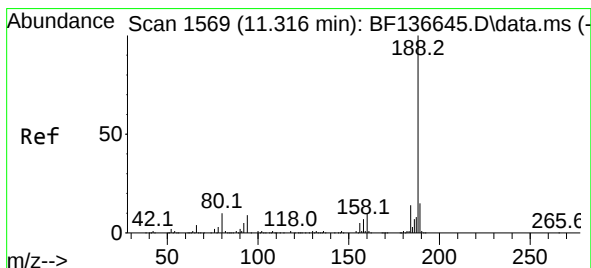
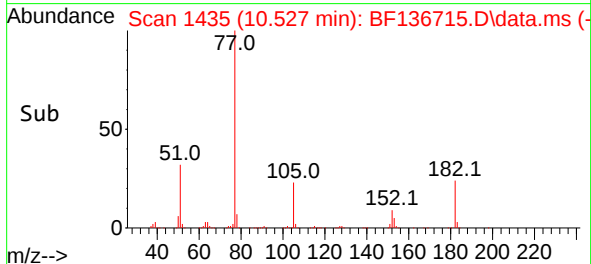
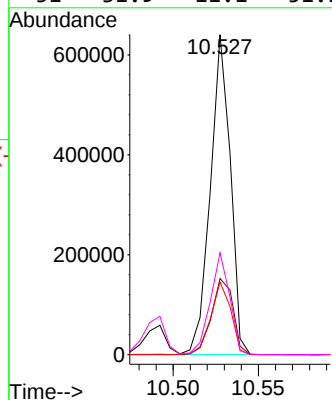
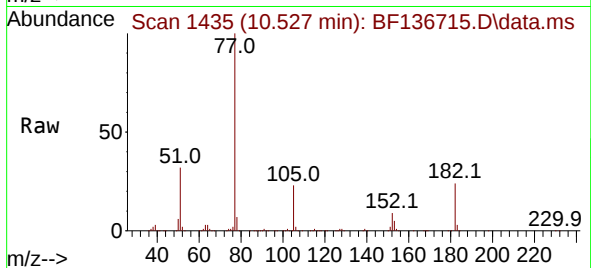
Ion Ratio Lower Upper

77 100

182 23.8 6.0 46.0

105 22.8 2.3 42.3

51 31.9 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

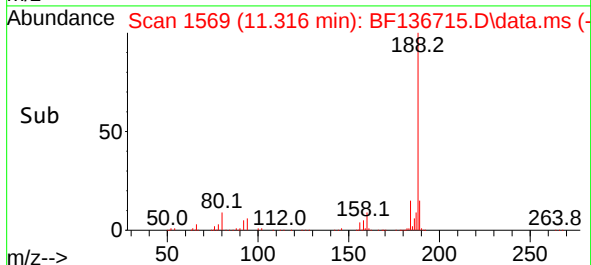
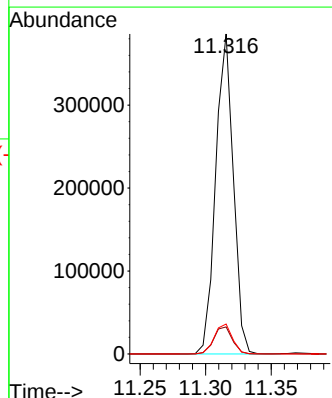
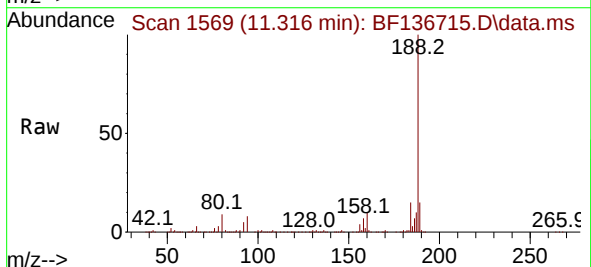
Tgt Ion: 188 Resp: 359576

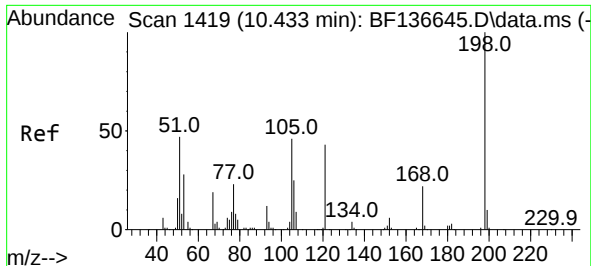
Ion Ratio Lower Upper

188 100

94 8.5 7.5 11.3

80 9.3 8.1 12.1

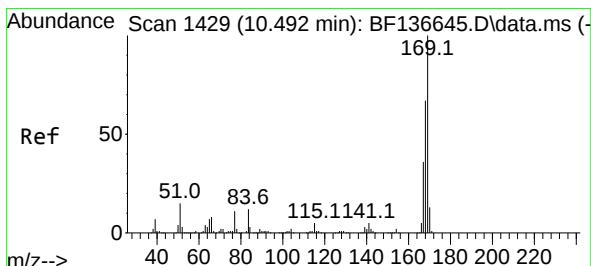
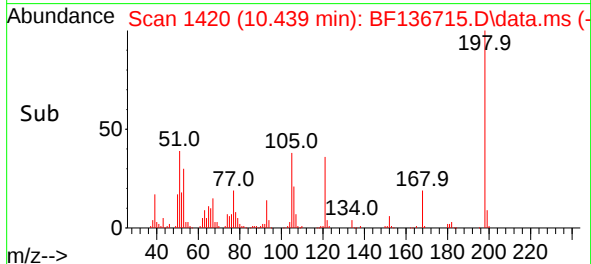
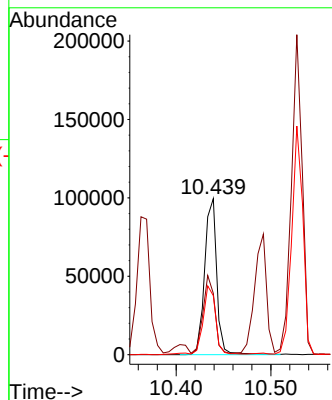
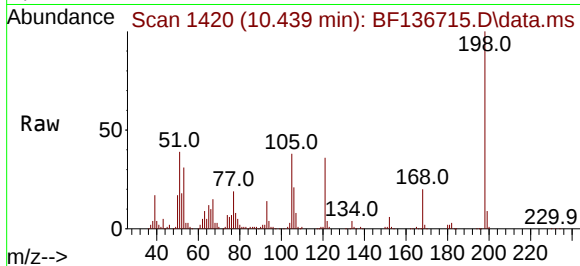




#65
4,6-Dinitro-2-methylphenol
Concen: 43.135 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

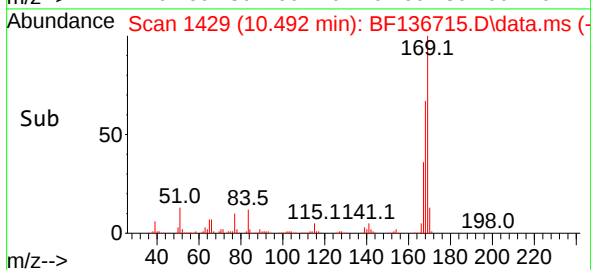
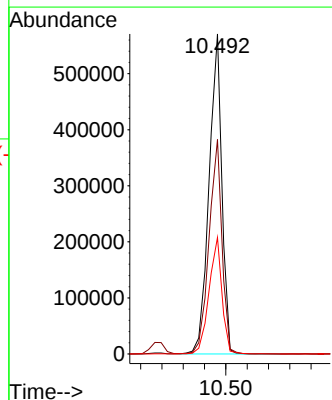
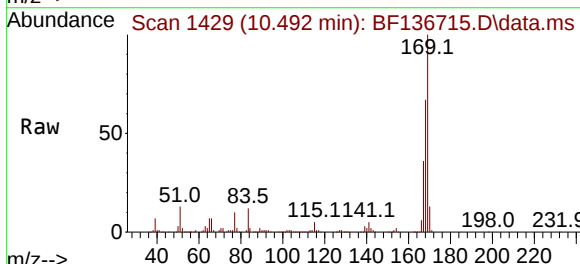
Instrument :
BNA_F
ClientSampleId :
PB157895BS

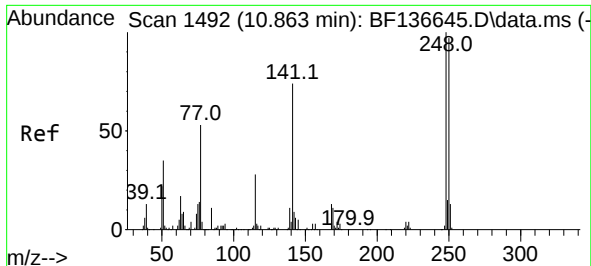
Tgt Ion:198 Resp: 88889
Ion Ratio Lower Upper
198 100
51 39.2 34.1 74.1
105 37.8 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.956 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:169 Resp: 478398
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 36.4 28.7 43.1

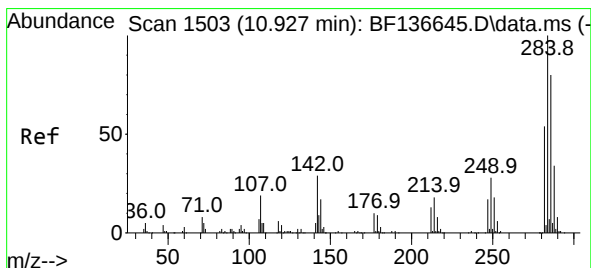
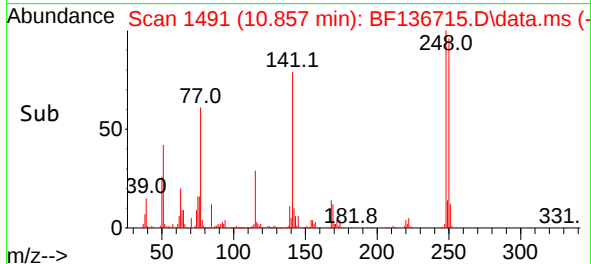
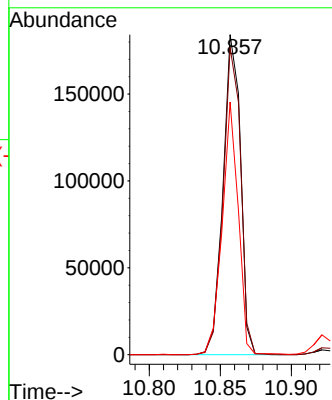
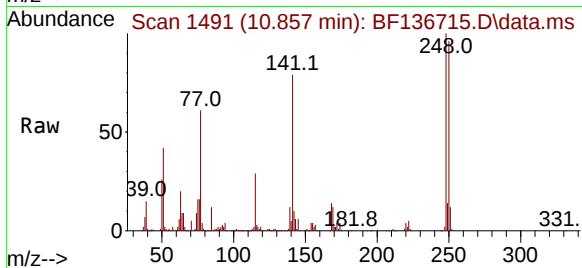




#67
4-Bromophenyl-phenylether
Concen: 39.502 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

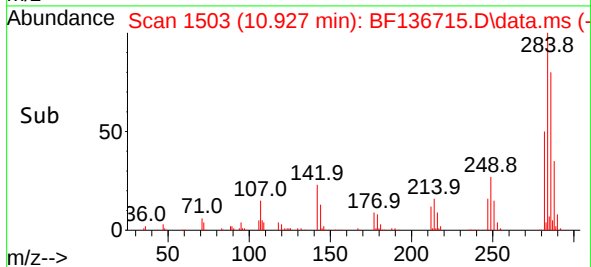
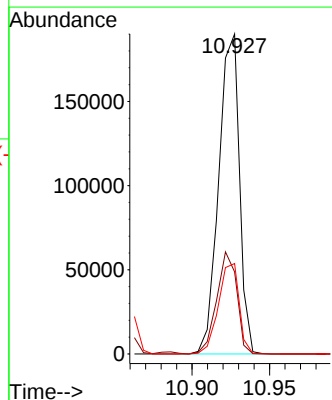
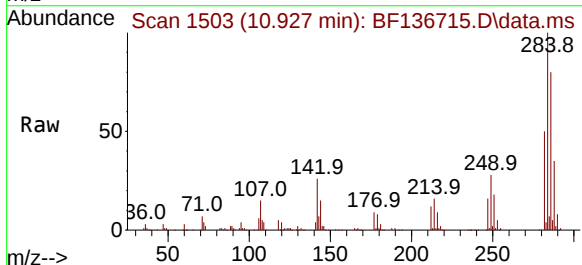
Instrument :
BNA_F
ClientSampleId :
PB157895BS

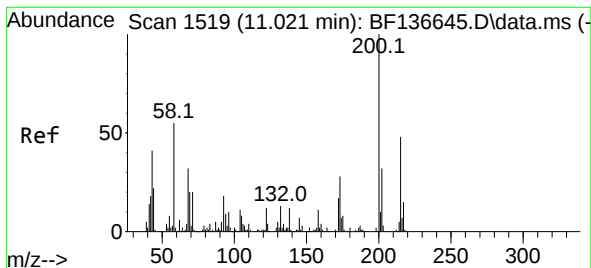
Tgt Ion:248 Resp: 157747
Ion Ratio Lower Upper
248 100
250 96.0 77.8 116.6
141 78.9 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.721 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:284 Resp: 176767
Ion Ratio Lower Upper
284 100
142 25.7 23.4 35.0
249 28.3 22.3 33.5





#69

Atrazine

Concen: 39.120 ng

RT: 11.022 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

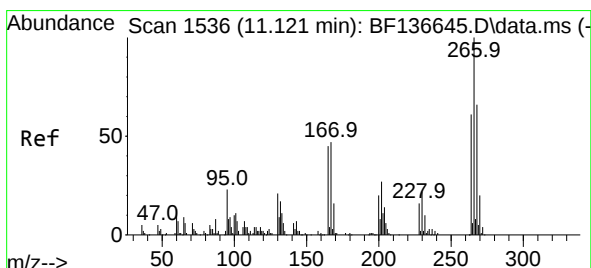
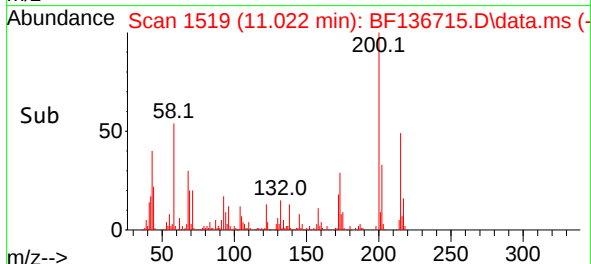
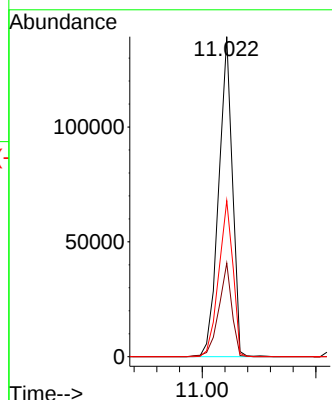
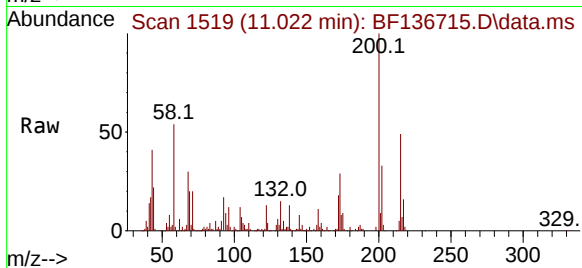
Tgt Ion:200 Resp: 116873

Ion Ratio Lower Upper

200 100

173 29.2 7.6 47.6

215 48.8 28.3 68.3



#70

Pentachlorophenol

Concen: 72.585 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

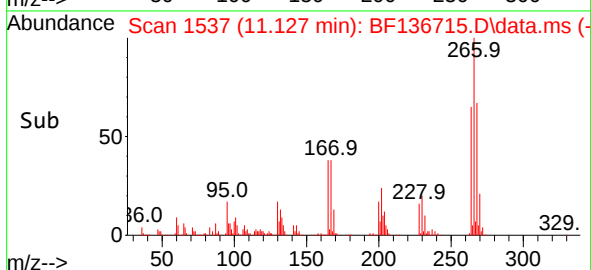
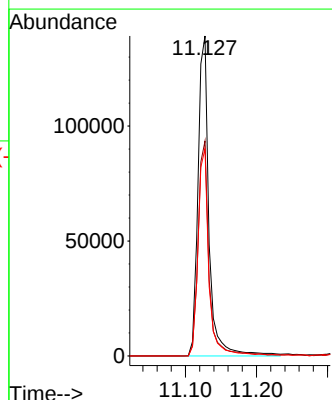
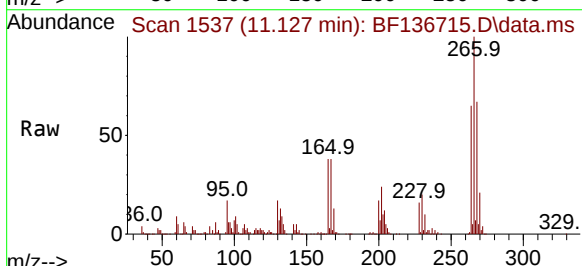
Tgt Ion:266 Resp: 150563

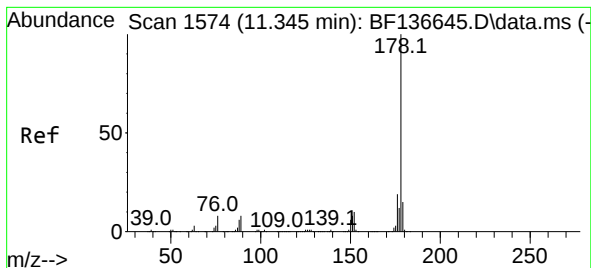
Ion Ratio Lower Upper

266 100

268 67.1 52.6 78.8

264 64.8 49.0 73.4





#71

Phenanthrene

Concen: 41.168 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

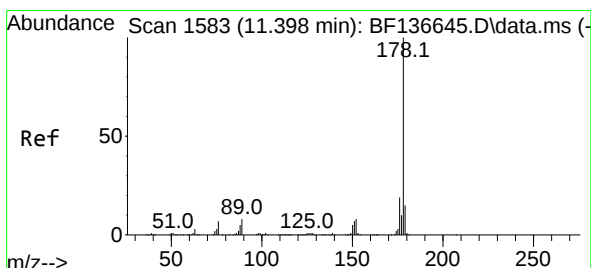
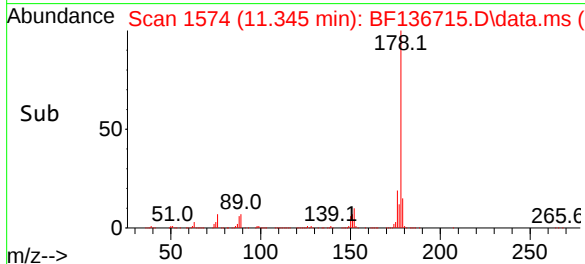
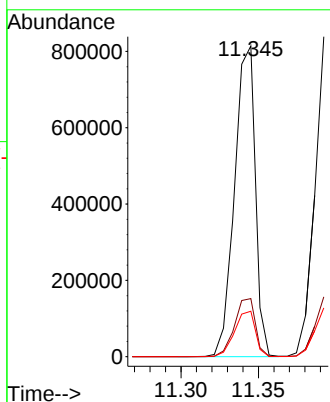
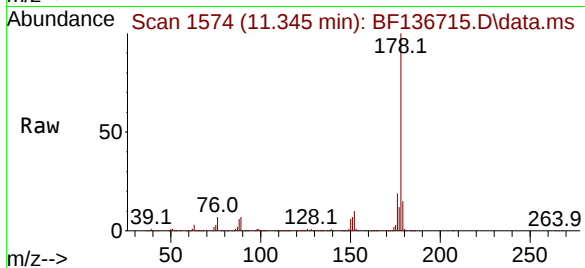
Tgt Ion:178 Resp: 759552

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 14.6 11.9 17.9



#72

Anthracene

Concen: 40.700 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

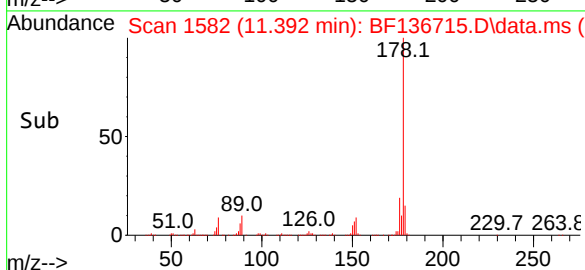
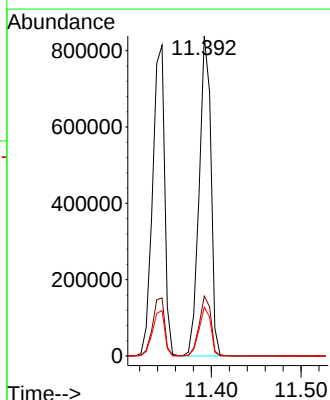
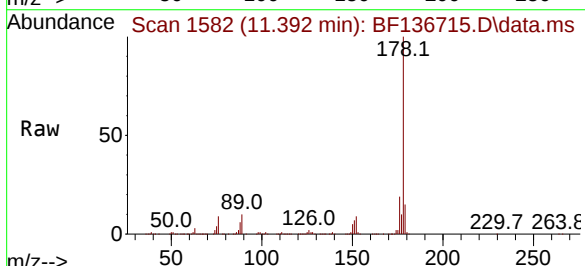
Tgt Ion:178 Resp: 760485

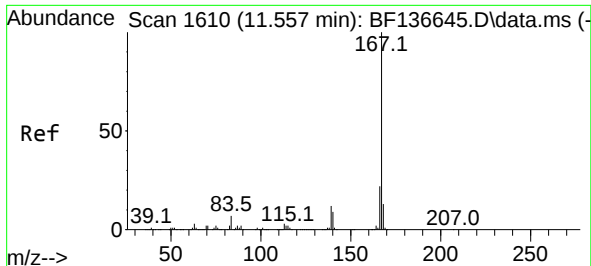
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.3 11.8 17.6

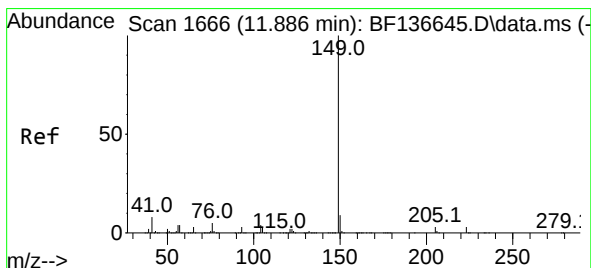
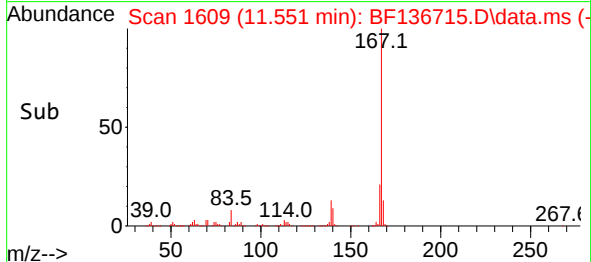
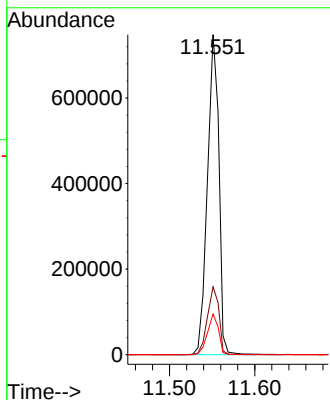
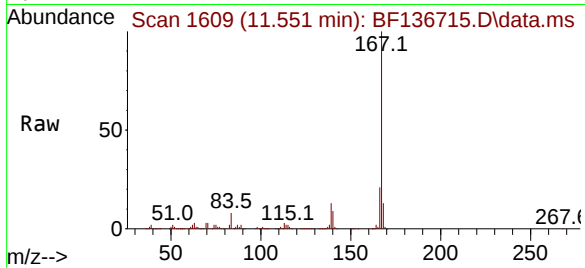




#73
 Carbazole
 Concen: 39.652 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136715.D
 Acq: 26 Dec 2023 12:50

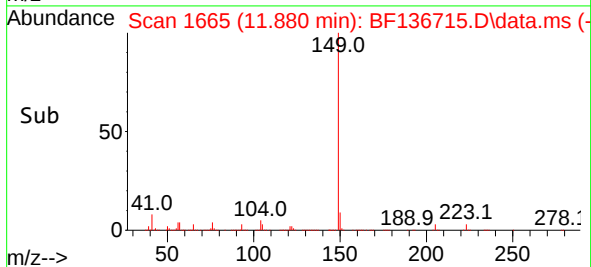
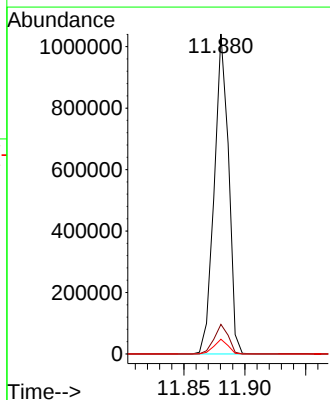
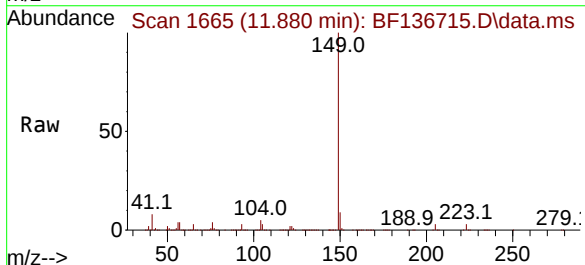
Instrument :
 BNA_F
 ClientSampleId :
 PB157895BS

Tgt Ion:167 Resp: 698533
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 12.7 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 39.470 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136715.D
 Acq: 26 Dec 2023 12:50

Tgt Ion:149 Resp: 848475
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 38.817 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

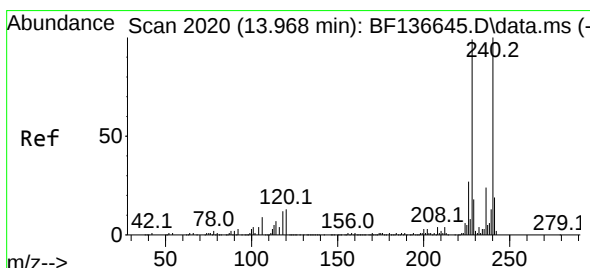
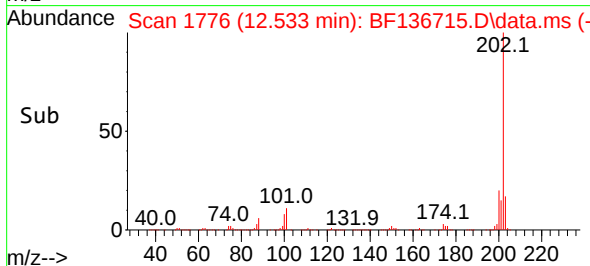
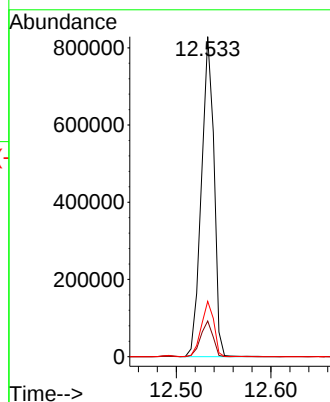
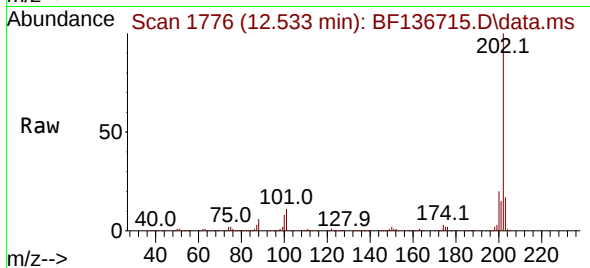
Tgt Ion:202 Resp: 766059

Ion Ratio Lower Upper

202 100

101 11.1 0.0 29.3

203 17.3 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

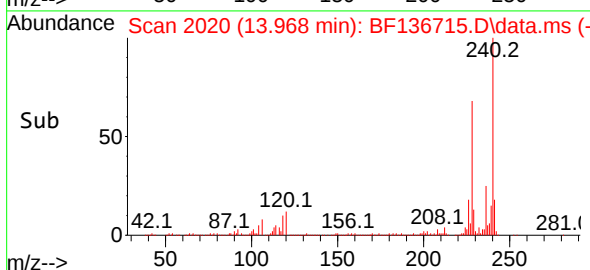
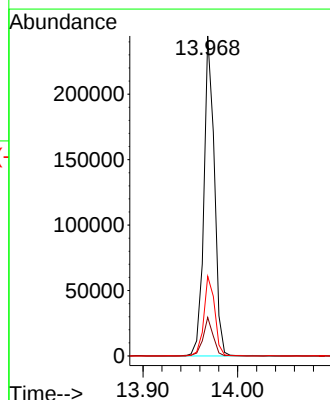
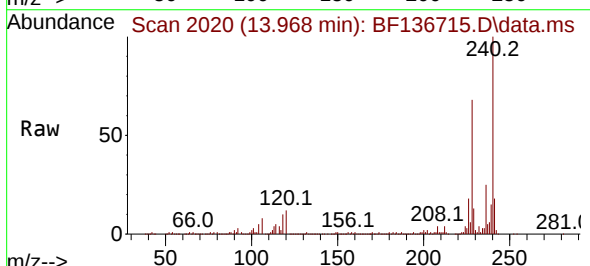
Tgt Ion:240 Resp: 188950

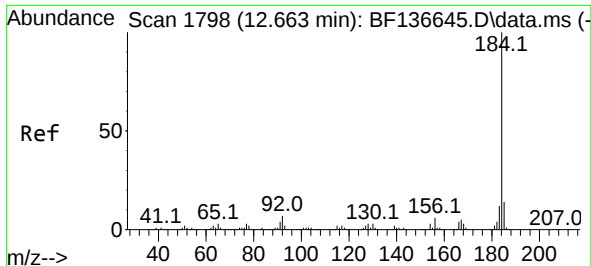
Ion Ratio Lower Upper

240 100

120 12.1 10.3 15.5

236 24.9 19.4 29.2

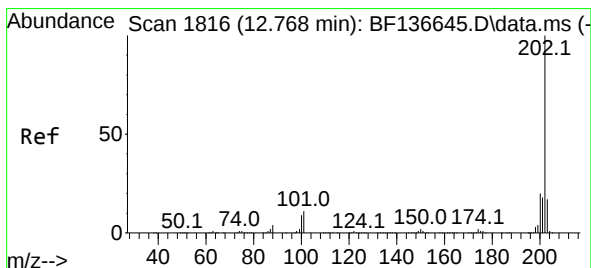
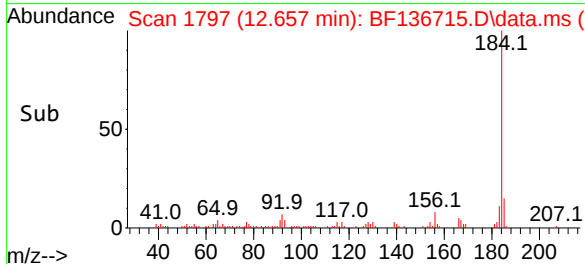
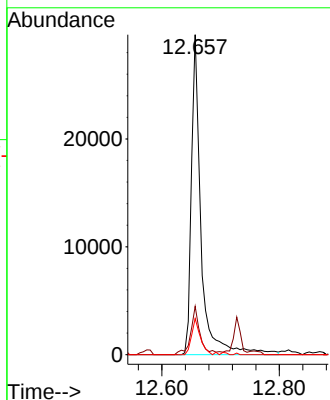
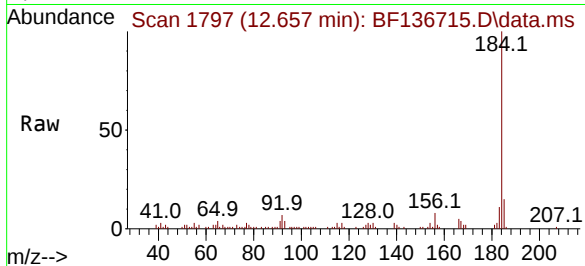




#77
Benzidine
Concen: 6.083 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

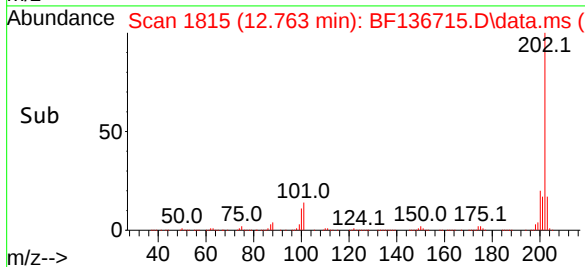
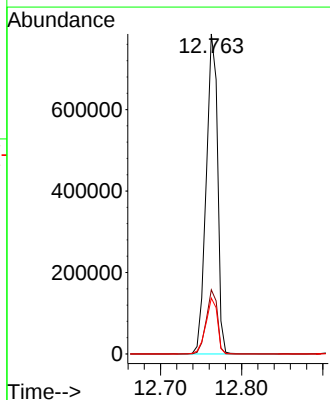
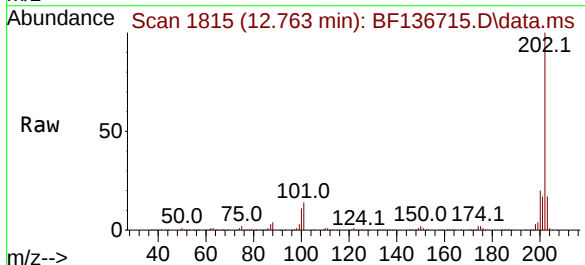
Instrument :
BNA_F
ClientSampleId :
PB157895BS

Tgt Ion:184 Resp: 33890
Ion Ratio Lower Upper
184 100
185 15.1 11.2 16.8
183 11.3 9.3 13.9



#78
Pyrene
Concen: 40.957 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:202 Resp: 759691
Ion Ratio Lower Upper
202 100
200 20.0 15.9 23.9
203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 76.619 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

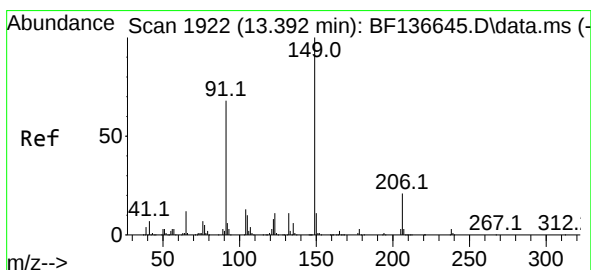
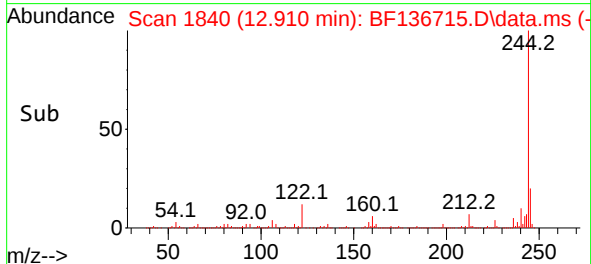
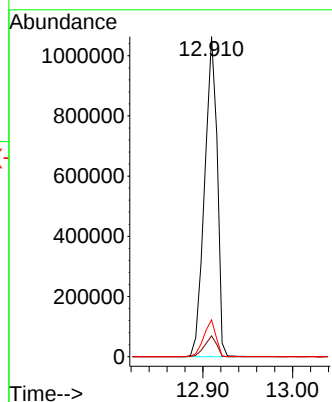
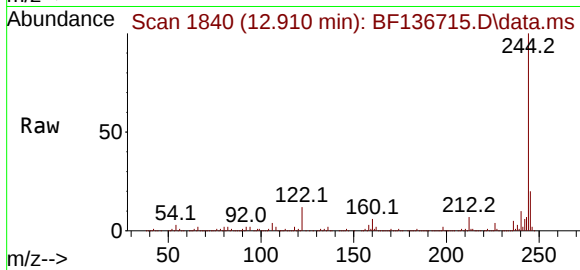
Tgt Ion:244 Resp: 1035960

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 11.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.659 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

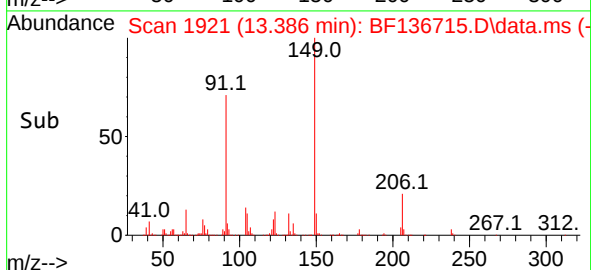
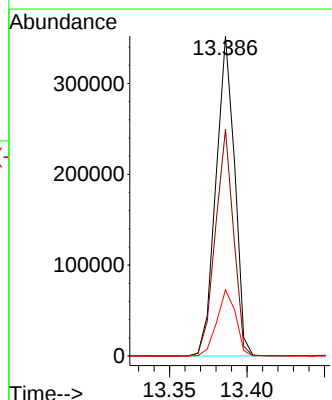
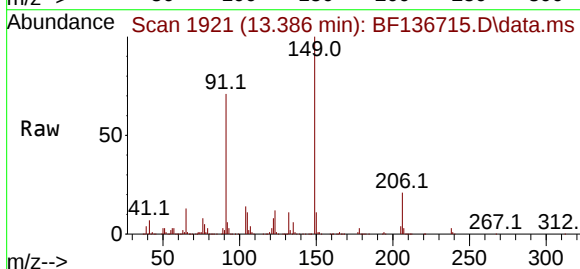
Tgt Ion:149 Resp: 294670

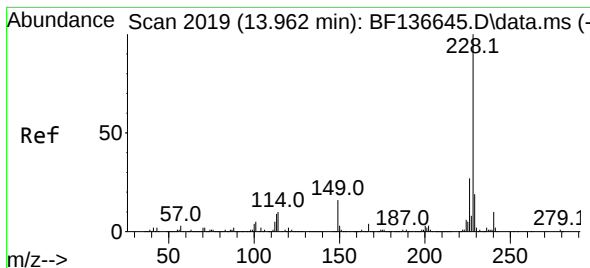
Ion Ratio Lower Upper

149 100

91 70.8 54.1 81.1

206 20.7 17.1 25.7





#81

Benzo(a)anthracene

Concen: 40.613 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

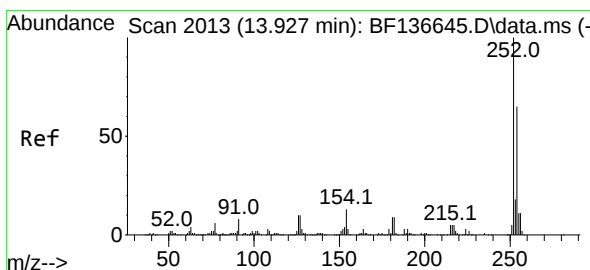
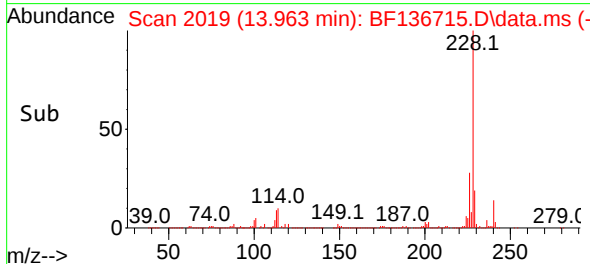
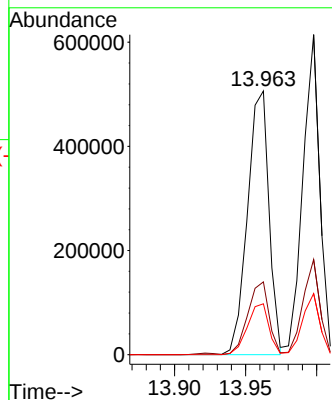
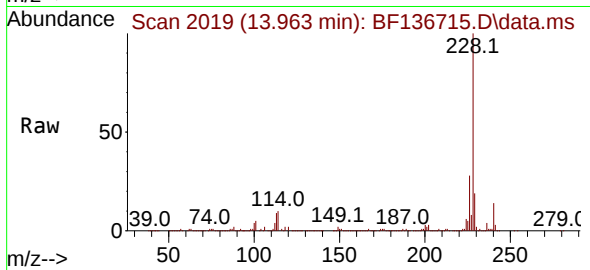
Tgt Ion:228 Resp: 532858

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.0

229 19.3 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 40.484 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

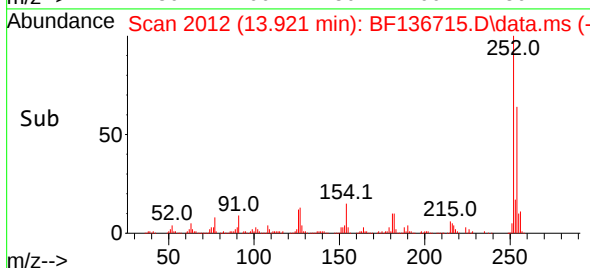
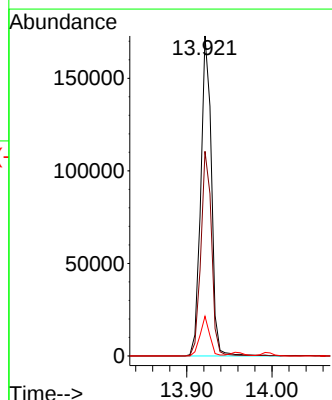
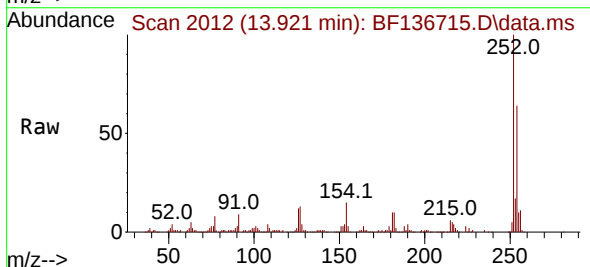
Tgt Ion:252 Resp: 150848

Ion Ratio Lower Upper

252 100

254 64.0 52.2 78.4

126 12.4 8.0 12.0#





#83

Chrysene

Concen: 39.600 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

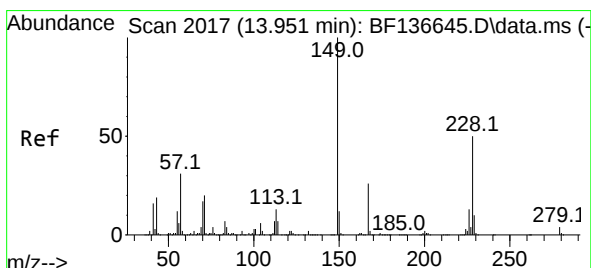
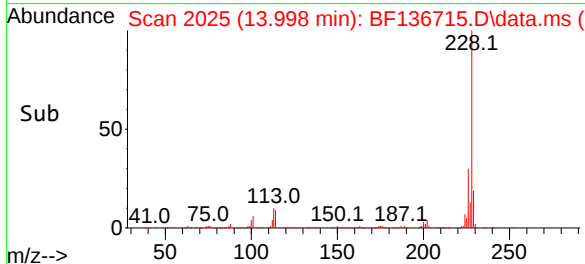
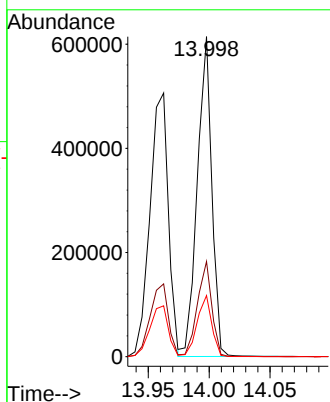
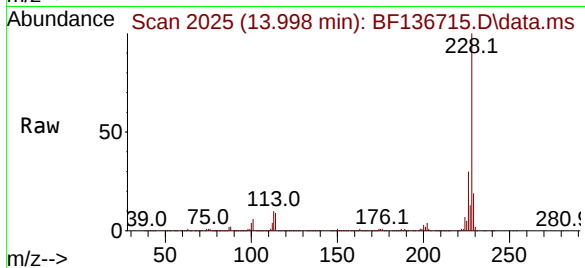
Tgt Ion:228 Resp: 508090

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

229 19.1 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.219 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

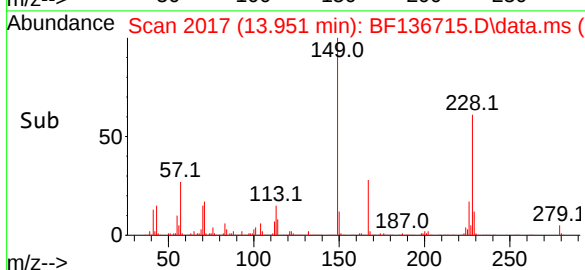
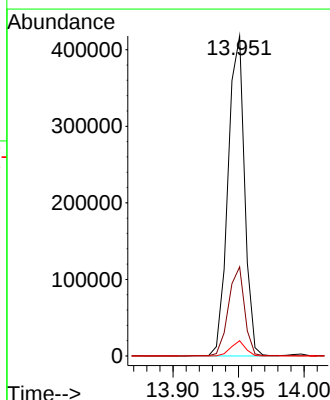
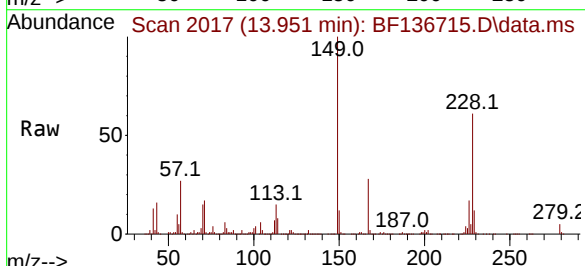
Tgt Ion:149 Resp: 367014

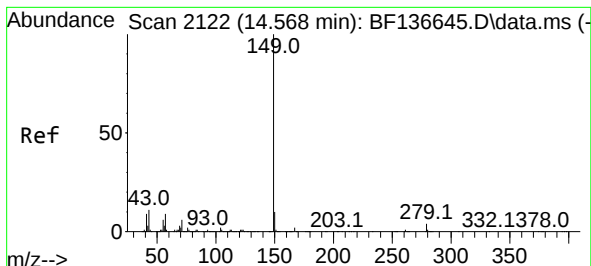
Ion Ratio Lower Upper

149 100

167 27.8 20.9 31.3

279 4.7 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 44.662 ng

RT: 14.568 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

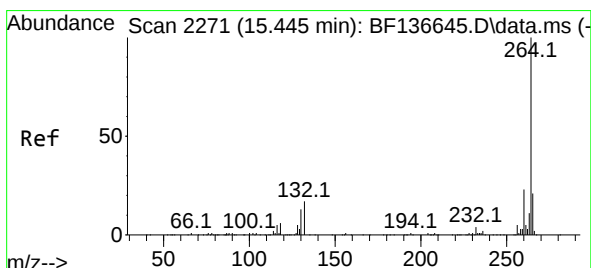
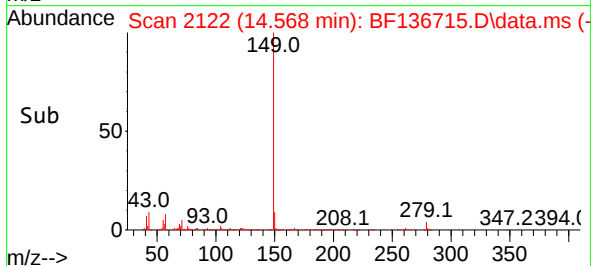
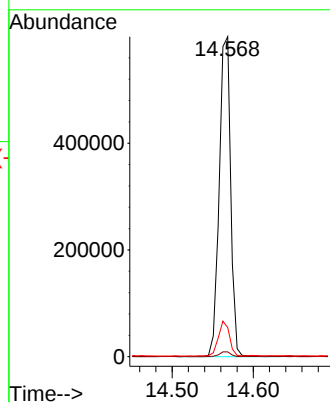
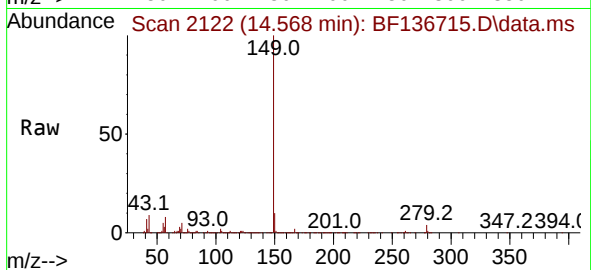
Tgt Ion:149 Resp: 586671

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.6 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: BF136715.D

Acq: 26 Dec 2023 12:50

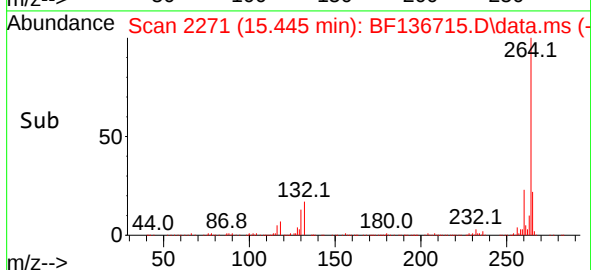
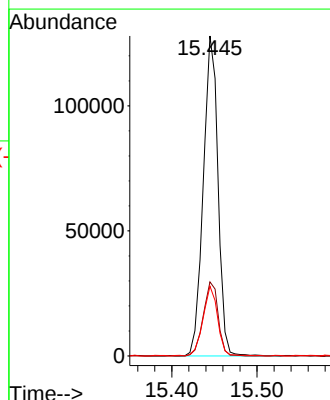
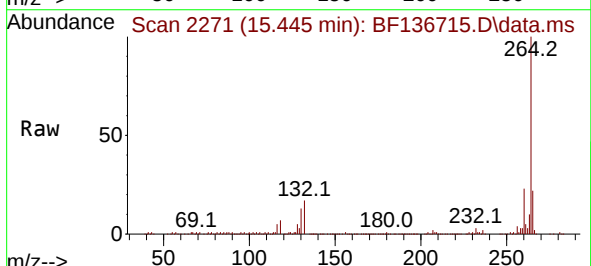
Tgt Ion:264 Resp: 153171

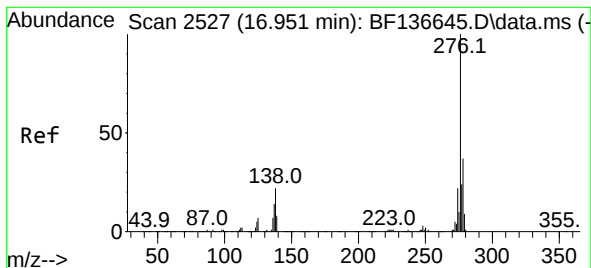
Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.730 ng

RT: 16.956 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

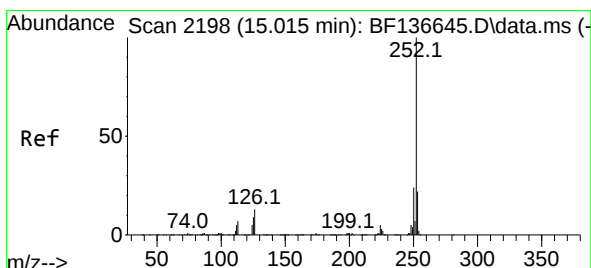
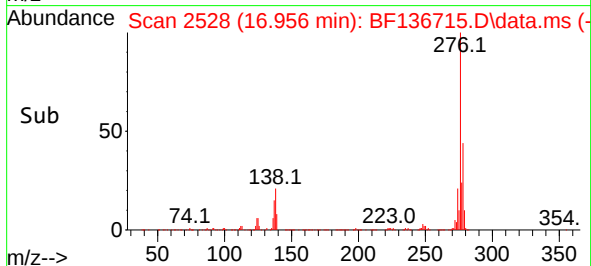
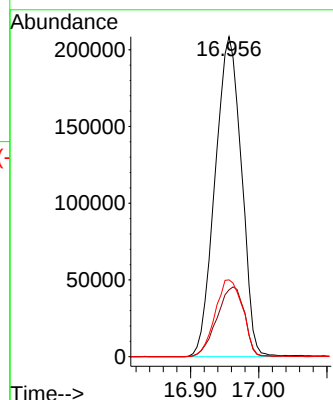
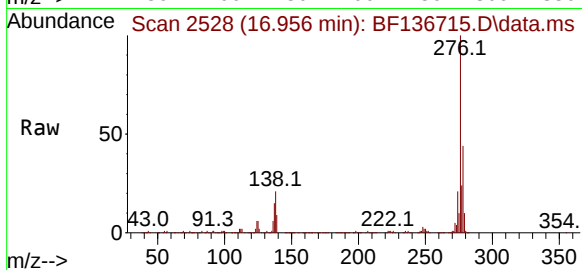
Tgt Ion:276 Resp: 561033

Ion Ratio Lower Upper

276 100

138 22.8 18.7 28.1

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.151 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

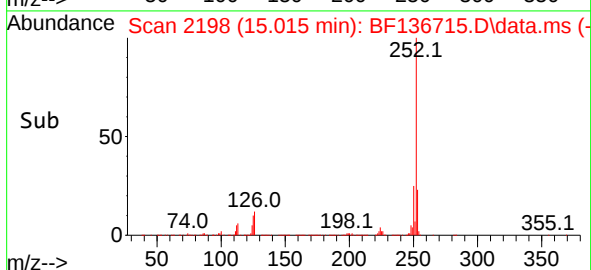
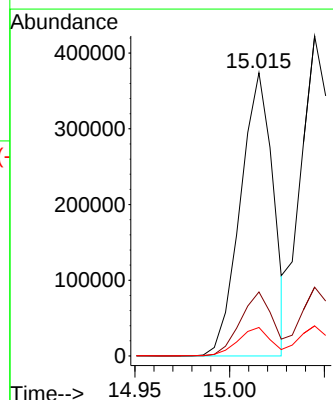
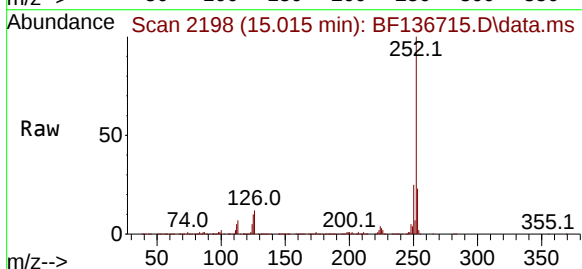
Tgt Ion:252 Resp: 451681

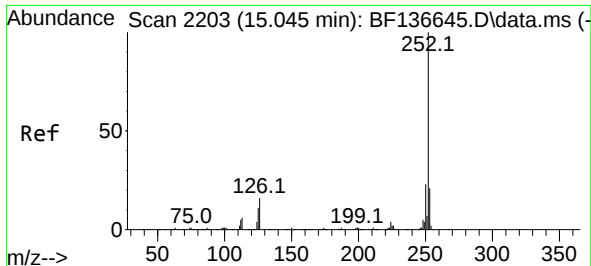
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 10.1 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 46.396 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

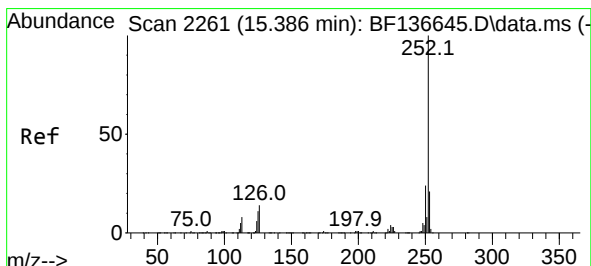
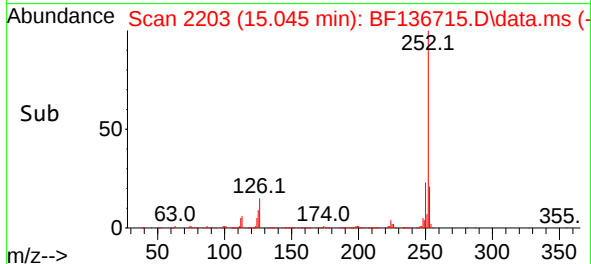
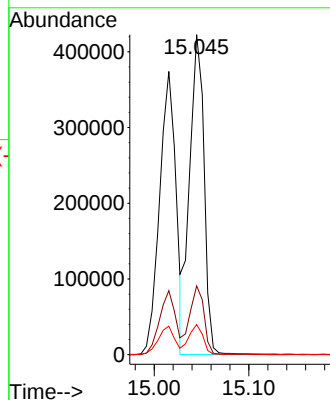
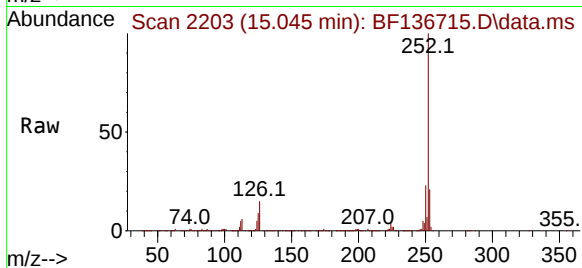
Tgt Ion:252 Resp: 448505

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 9.4 8.2 12.4



#90

Benzo(a)pyrene

Concen: 46.224 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

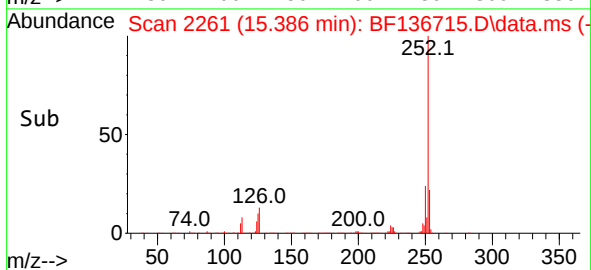
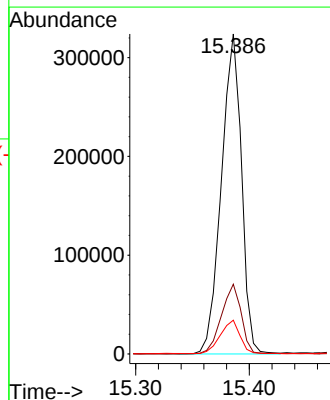
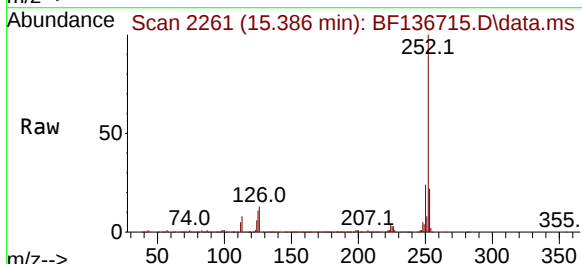
Tgt Ion:252 Resp: 399167

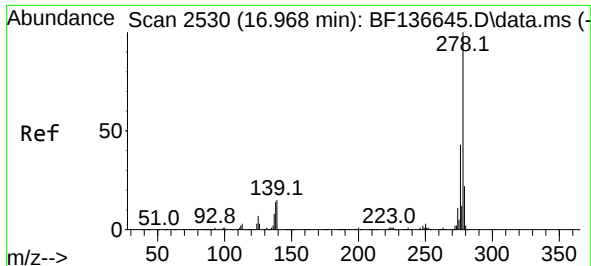
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 10.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 51.721 ng

RT: 16.974 min Scan# 2531

Delta R.T. 0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

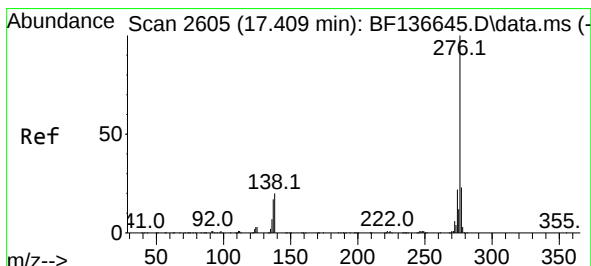
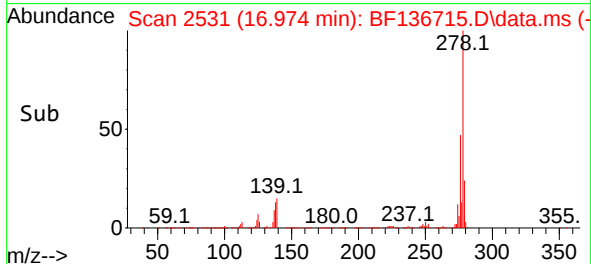
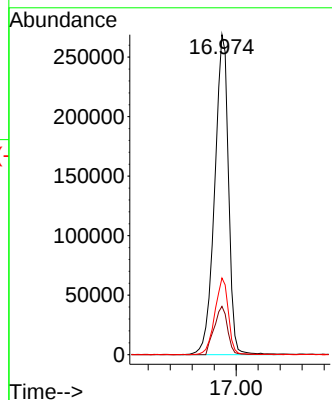
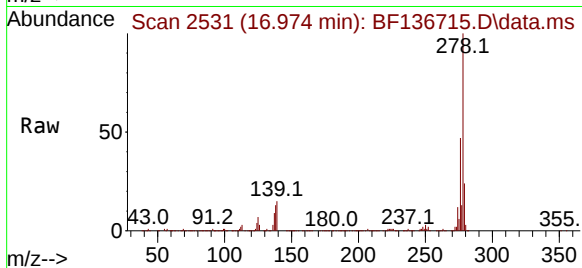
Tgt Ion:278 Resp: 469261

Ion Ratio Lower Upper

278 100

139 15.1 12.2 18.4

279 24.0 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 51.405 ng

RT: 17.415 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Tgt Ion:276 Resp: 477684

Ion Ratio Lower Upper

276 100

277 23.1 18.3 27.5

138 20.1 15.6 23.4

