

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136191.D
 Acq On : 24 Nov 2023 21:20
 Operator : CG\JU
 Sample : 05468-09MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 24 23:10:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:00:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	135092	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	580838	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	292574	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	541105	20.000	ng	0.00
76) Chrysene-d12	13.986	240	249168	20.000	ng	0.00
86) Perylene-d12	15.462	264	285623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1076622	126.894	ng	0.01
7) Phenol-d6	6.445	99	1319294	126.366	ng	0.00
23) Nitrobenzene-d5	7.369	82	800497	76.907	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	406550	132.675	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1643081	83.015	ng	0.00
79) Terphenyl-d14	12.927	244	1501629	85.546	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	137912	40.592	ng	96
3) Pyridine	3.387	79	337079	36.924	ng	93
4) n-Nitrosodimethylamine	3.357	42	204969	48.950	ng	91
6) Aniline	6.475	93	518345	39.172	ng	97
8) 2-Chlorophenol	6.592	128	469177	51.369	ng	97
9) Benzaldehyde	6.357	77	54584	9.043	ng	90
10) Phenol	6.457	94	611095	53.596	ng	96
11) bis(2-Chloroethyl)ether	6.551	93	427588	51.026	ng	98
12) 1,3-Dichlorobenzene	6.751	146	497247	51.612	ng	95
13) 1,4-Dichlorobenzene	6.828	146	511506	52.948	ng	94
14) 1,2-Dichlorobenzene	6.975	146	480515	52.918	ng	96
15) Benzyl Alcohol	6.951	79	403122	51.627	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.087	45	596176	54.458	ng	96
17) 2-Methylphenol	7.063	107	378496	49.668	ng	95
18) Hexachloroethane	7.316	117	175741	49.849	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	335419	55.656	ng	# 91
20) 3+4-Methylphenols	7.216	107	483518	50.841	ng	93
22) Acetophenone	7.216	105	697009	51.975	ng	# 87
24) Nitrobenzene	7.392	77	478336	47.221	ng	96
25) Isophorone	7.628	82	899976	50.102	ng	95
26) 2-Nitrophenol	7.704	139	206069	41.973	ng	98
27) 2,4-Dimethylphenol	7.739	122	343686	41.675	ng	89
28) bis(2-Chloroethoxy)met...	7.839	93	540769	49.919	ng	# 93
29) 2,4-Dichlorophenol	7.945	162	391264	48.659	ng	93
30) 1,2,4-Trichlorobenzene	8.028	180	443258	49.509	ng	96
31) Naphthalene	8.110	128	1434706	50.143	ng	96
32) Benzoic acid	7.869	122	245182	41.046	ng	94
33) 4-Chloroaniline	8.157	127	327432	27.590	ng	98
34) Hexachlorobutadiene	8.228	225	249157	45.779	ng	95
35) Caprolactam	8.528	113	62718	26.939	ng	# 76
36) 4-Chloro-3-methylphenol	8.639	107	426732	50.547	ng	97
37) 2-Methylnaphthalene	8.798	142	896710	46.742	ng	90
38) 1-Methylnaphthalene	8.898	142	854125	47.987	ng	90
40) 1,2,4,5-Tetrachloroben...	8.963	216	430358	49.080	ng	97
41) Hexachlorocyclopentadiene	8.951	237	486872	107.675	ng	95
43) 2,4,6-Trichlorophenol	9.075	196	278101	50.651	ng	96

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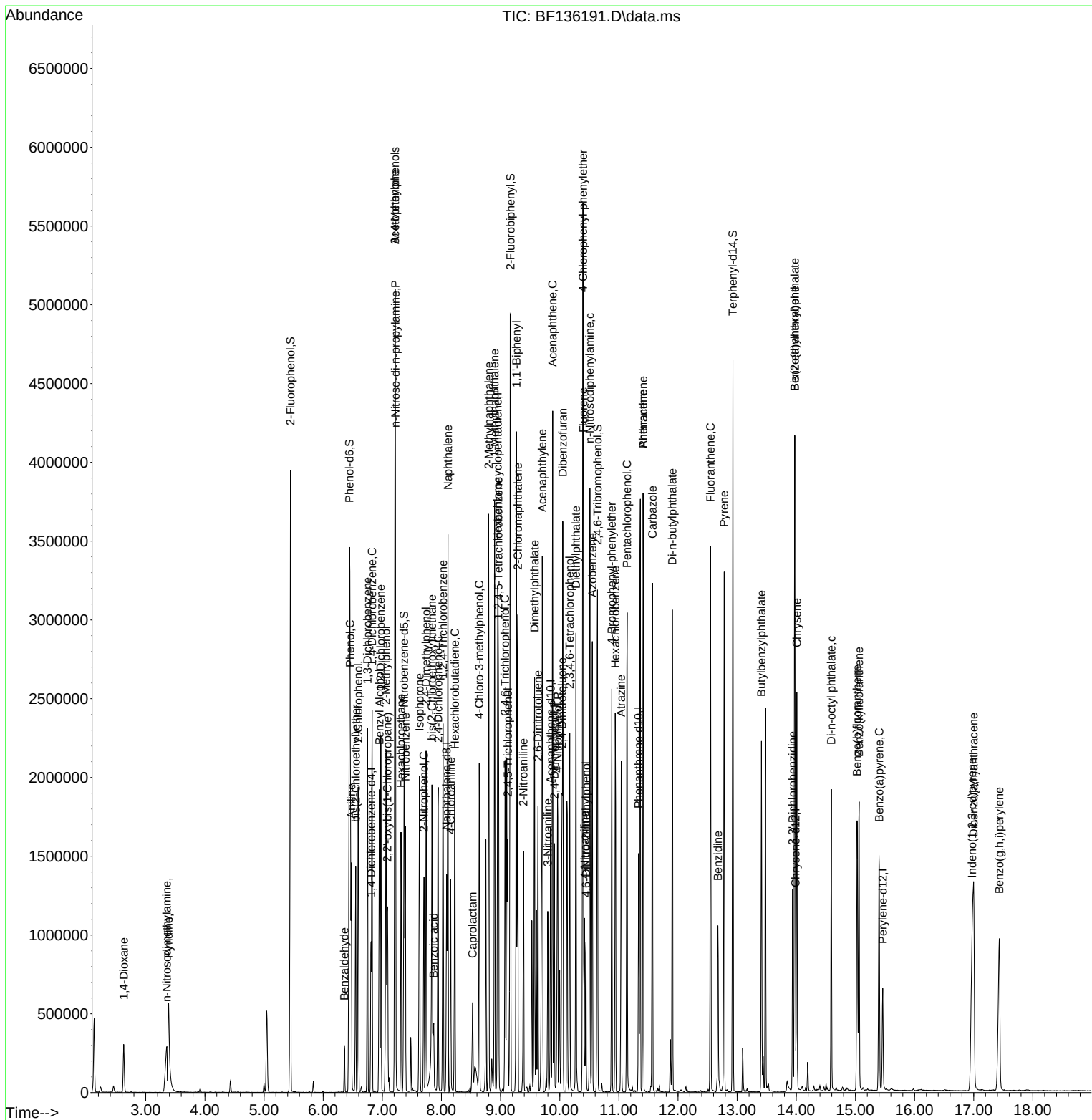
Instrument :
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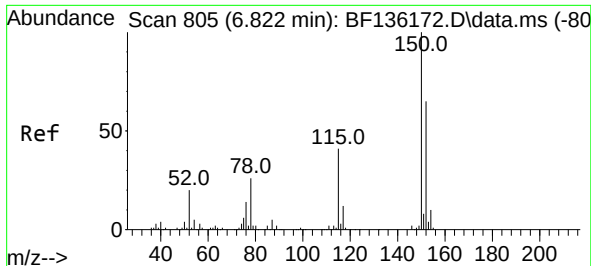
Quant Time: Nov 24 23:10:07 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:00:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	297892	47.097	ng	95
46) 1,1'-Biphenyl	9.269	154	1203422	52.419	ng	96
47) 2-Chloronaphthalene	9.292	162	906256	54.006	ng	94
48) 2-Nitroaniline	9.386	65	245333	47.951	ng	84
49) Acenaphthylene	9.704	152	1445599	55.810	ng	96
50) Dimethylphthalate	9.575	163	1032273	52.220	ng	97
51) 2,6-Dinitrotoluene	9.633	165	193031	45.001	ng	98
52) Acenaphthene	9.880	154	836059	48.461	ng	87
53) 3-Nitroaniline	9.798	138	155550	34.011	ng	94
54) 2,4-Dinitrophenol	9.910	184	183894	87.379	ng	93
55) Dibenzofuran	10.051	168	1273547	53.094	ng	99
56) 4-Nitrophenol	9.969	139	334427	110.039	ng	89
57) 2,4-Dinitrotoluene	10.039	165	273018	50.114	ng	# 95
58) Fluorene	10.398	166	983516	54.024	ng	90
59) 2,3,4,6-Tetrachlorophenol	10.169	232	243213	50.734	ng	93
60) Diethylphthalate	10.275	149	1023785	51.624	ng	95
61) 4-Chlorophenyl-phenyle...	10.392	204	462533	49.979	ng	91
62) 4-Nitroaniline	10.422	138	201360	48.309	ng	95
63) Azobenzene	10.551	77	957480	55.181	ng	93
65) 4,6-Dinitro-2-methylph...	10.445	198	117780	38.815	ng	96
66) n-Nitrosodiphenylamine	10.510	169	839897	48.925	ng	93
67) 4-Bromophenyl-phenylether	10.880	248	288469	47.867	ng	95
68) Hexachlorobenzene	10.939	284	326622	51.050	ng	98
69) Atrazine	11.039	200	268886	61.827	ng	92
70) Pentachlorophenol	11.139	266	351374	98.193	ng	96
71) Phenanthrene	11.410	178	1476874	53.299	ng	97
72) Anthracene	11.410	178	1476874	52.215	ng	96
73) Carbazole	11.569	167	1190898	52.545	ng	97
74) Di-n-butylphthalate	11.904	149	1519639	56.677	ng	# 96
75) Fluoranthene	12.551	202	1305921	51.608	ng	96
77) Benzidine	12.674	184	402954	93.395	ng	97
78) Pyrene	12.780	202	1271699	54.579	ng	95
80) Butylbenzylphthalate	13.410	149	404222	54.444	ng	95
81) Benzo(a)anthracene	13.974	228	873095	52.828	ng	96
82) 3,3'-Dichlorobenzidine	13.939	252	249548	47.035	ng	99
83) Chrysene	14.010	228	831316	51.415	ng	96
84) Bis(2-ethylhexyl)phtha...	13.974	149	511667	57.097	ng	96
85) Di-n-octyl phthalate	14.592	149	861044	57.388	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	1060421	50.671	ng	98
88) Benzo(b)fluoranthene	15.027	252	876962	55.612	ng	96
89) Benzo(k)fluoranthene	15.063	252	808796	50.932	ng	95
90) Benzo(a)pyrene	15.404	252	762390	49.017	ng	95
91) Dibenzo(a,h)anthracene	16.998	278	854219	49.252	ng	98
92) Benzo(g,h,i)perylene	17.433	276	827911	47.083	ng	96

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

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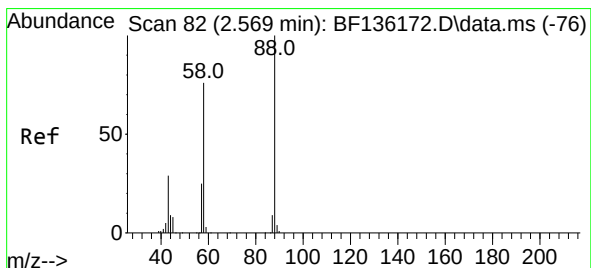
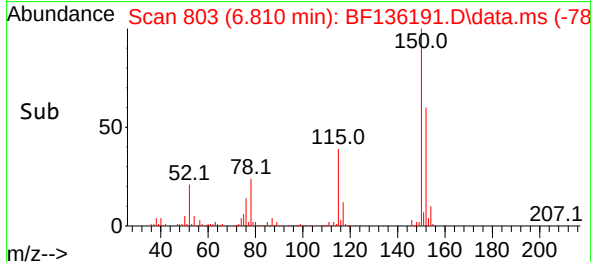
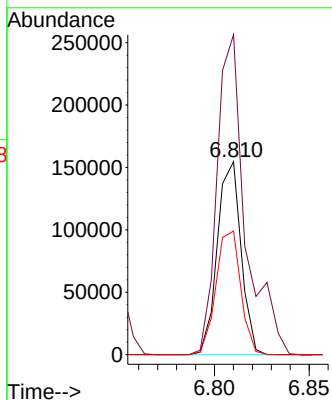
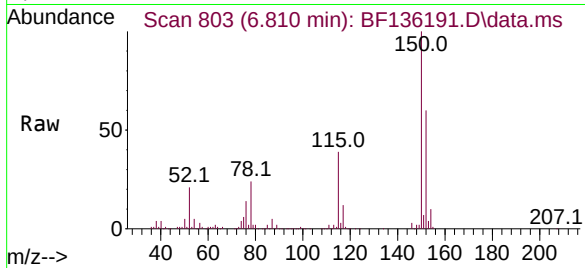




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136191.D
 Acq: 24 Nov 2023 21:20

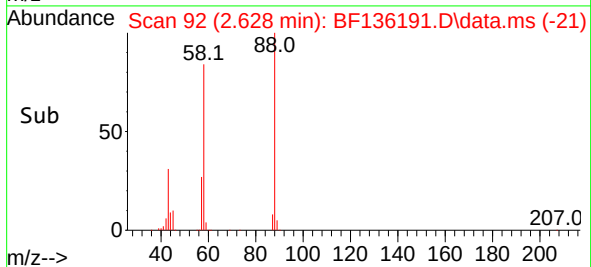
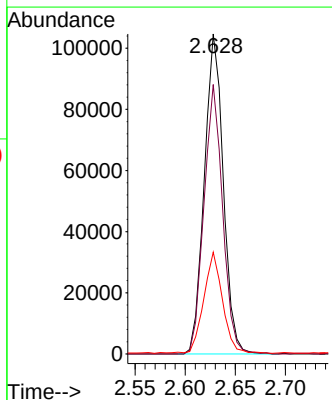
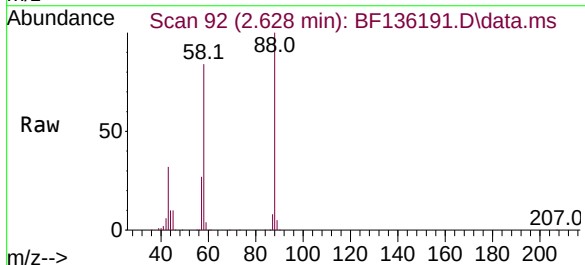
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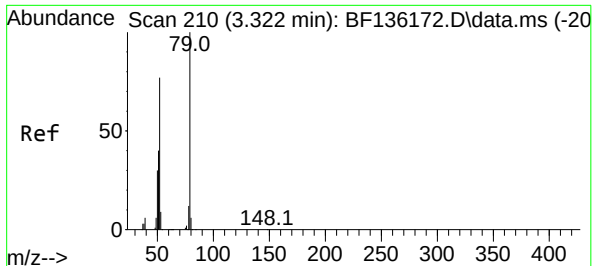
Tgt Ion:152 Resp: 135092
 Ion Ratio Lower Upper
 152 100
 150 165.7 123.1 184.7
 115 64.1 50.5 75.7



#2
 1,4-Dioxane
 Concen: 40.592 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.070 min
 Lab File: BF136191.D
 Acq: 24 Nov 2023 21:20

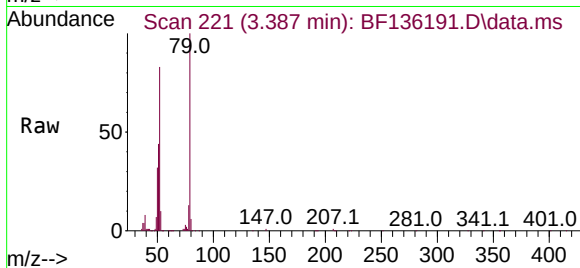
Tgt Ion: 88 Resp: 137912
 Ion Ratio Lower Upper
 88 100
 58 82.9 62.8 94.2
 43 31.6 23.9 35.9



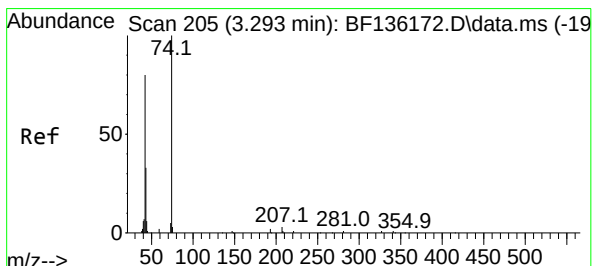
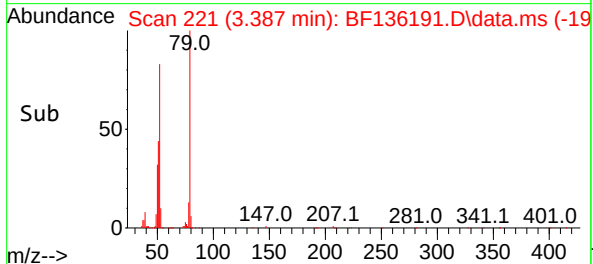
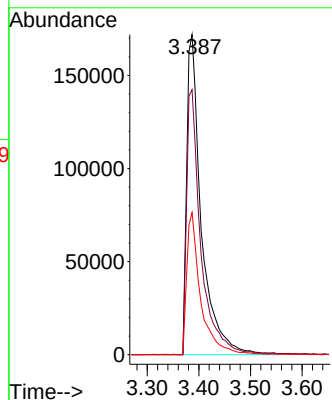


#3
Pyridine
Concen: 36.924 ng
RT: 3.387 min Scan# 210
Delta R.T. 0.064 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :

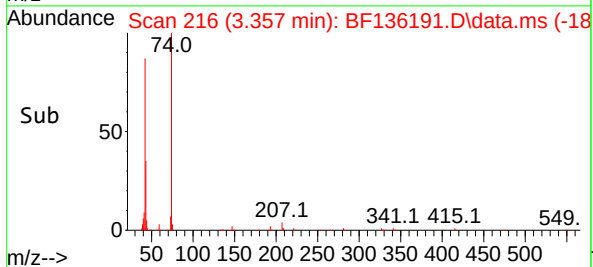
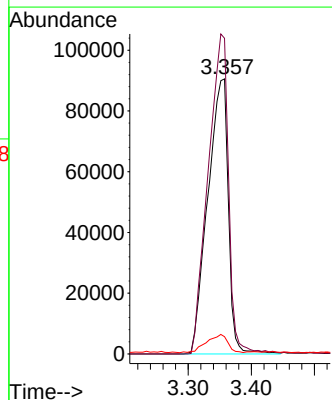
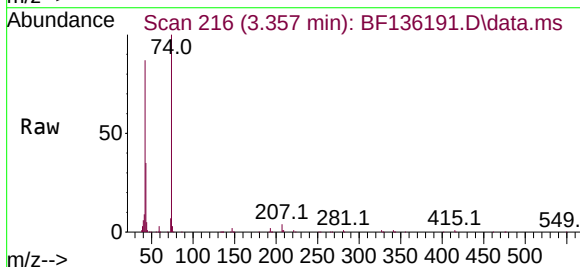


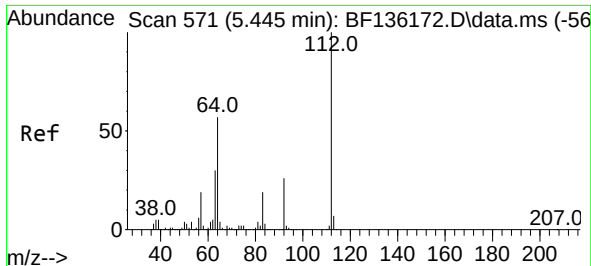
Tgt Ion: 79 Resp: 337079
Ion Ratio Lower Upper
79 100
52 82.8 61.8 92.6
51 44.4 31.6 47.4



#4
n-Nitrosodimethylamine
Concen: 48.950 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.076 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion: 42 Resp: 204969
Ion Ratio Lower Upper
42 100
74 114.8 100.2 150.2
44 6.3 5.6 8.4

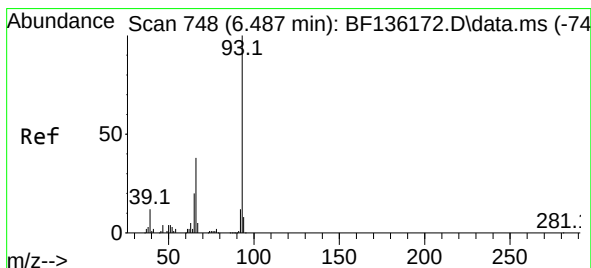
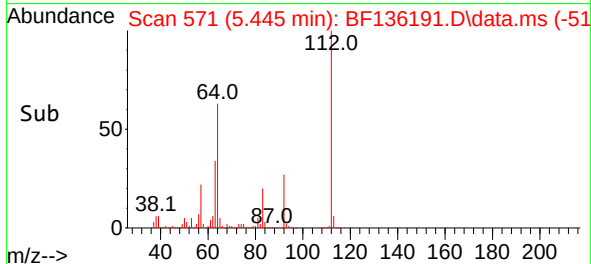
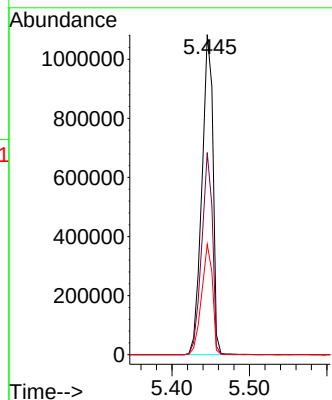
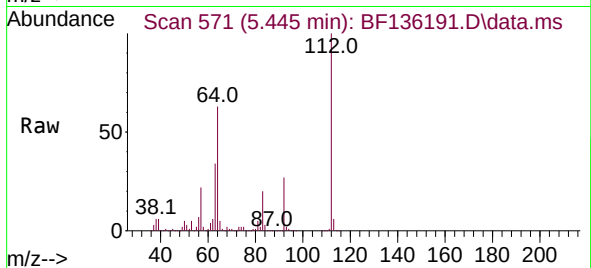




#5
2-Fluorophenol
Concen: 126.894 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

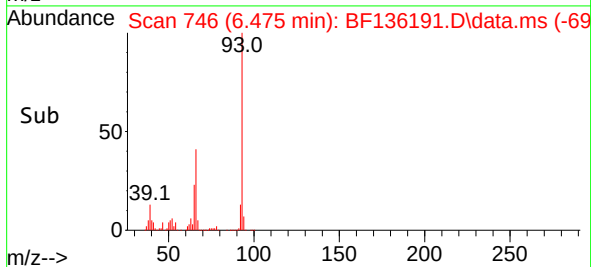
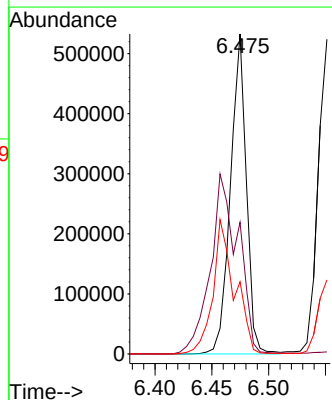
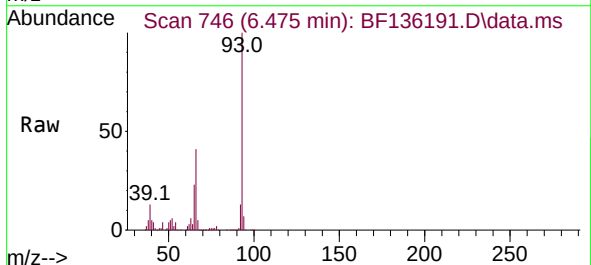
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ClientSampleId :

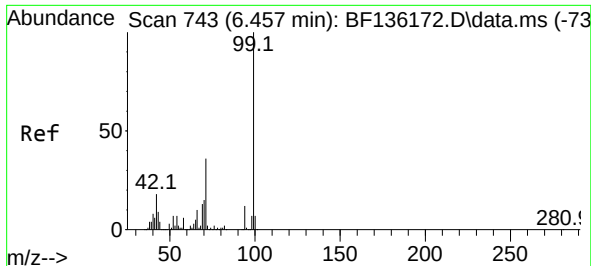
Tgt Ion:112 Resp: 1076622
Ion Ratio Lower Upper
112 100
64 63.1 45.4 68.0
63 34.5 24.4 36.6



#6
Aniline
Concen: 39.172 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion: 93 Resp: 518345
Ion Ratio Lower Upper
93 100
66 41.2 31.7 47.5
65 22.5 16.1 24.1

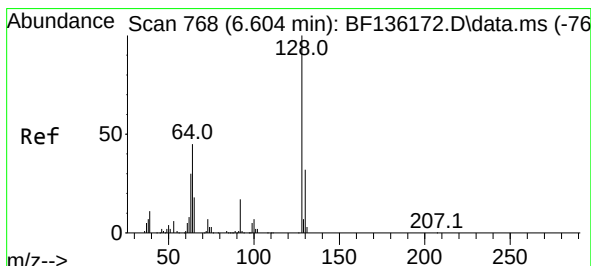
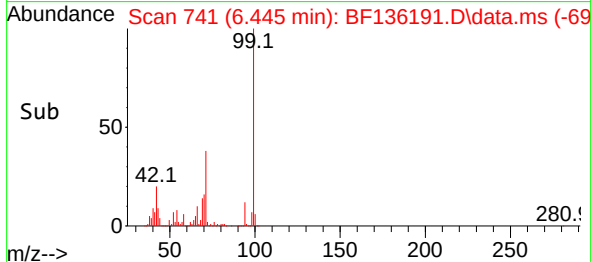
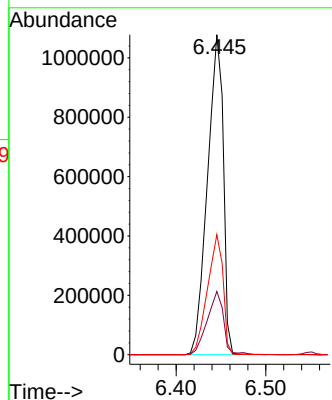
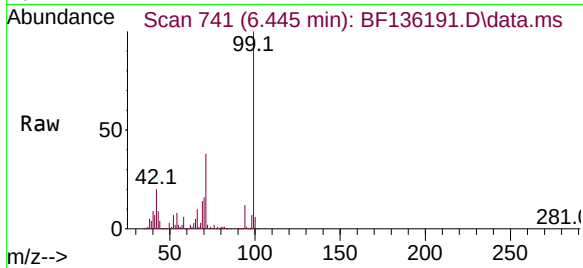




#7
Phenol-d6
Concen: 126.366 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

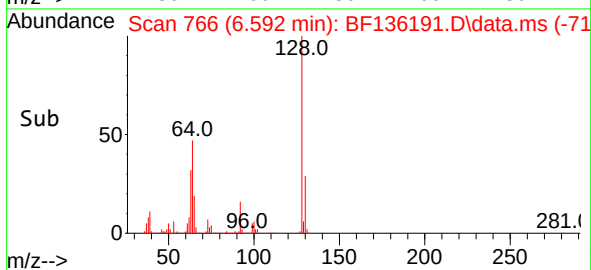
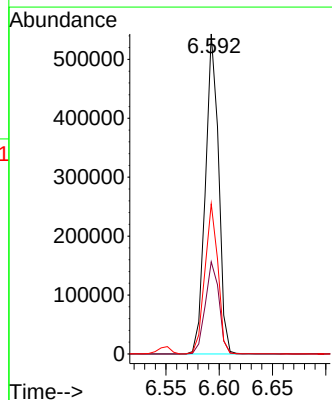
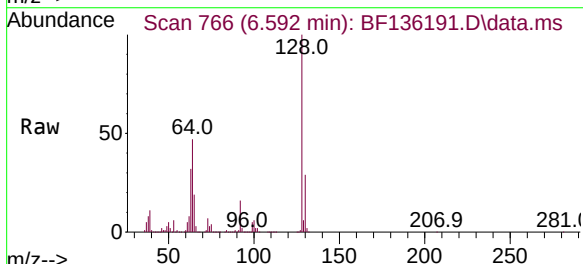
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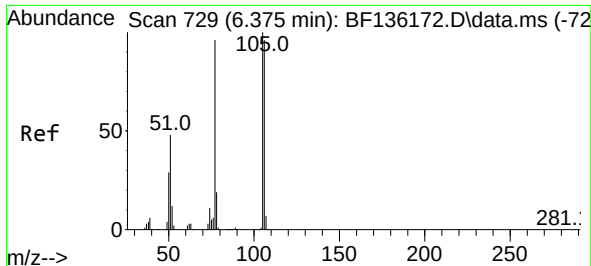
Tgt Ion: 99 Resp: 1319294
Ion Ratio Lower Upper
99 100
42 19.7 14.1 21.1
71 37.5 29.0 43.4



#8
2-Chlorophenol
Concen: 51.369 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:128 Resp: 469177
Ion Ratio Lower Upper
128 100
130 28.8 12.2 52.2
64 46.9 26.5 66.5

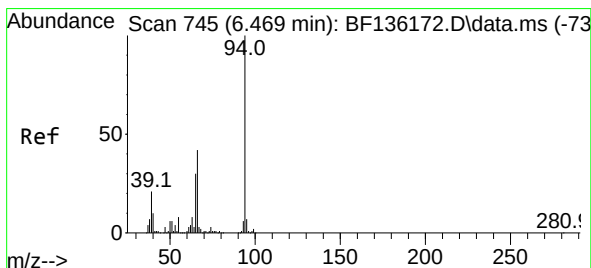
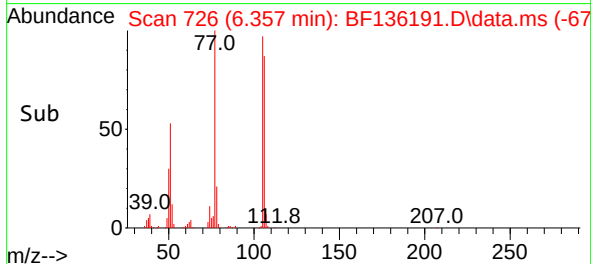
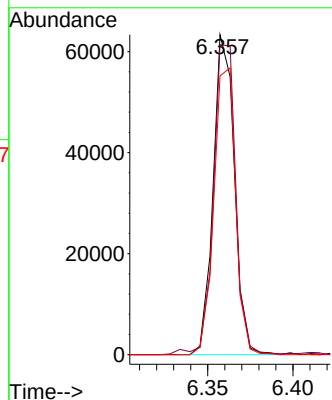
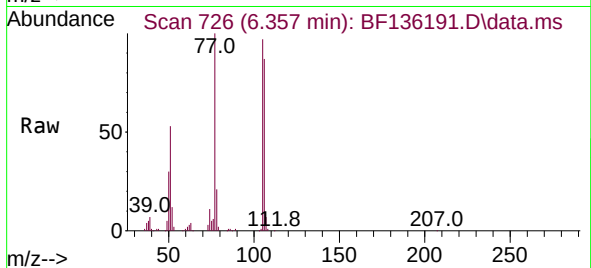




#9
Benzaldehyde
Concen: 9.043 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

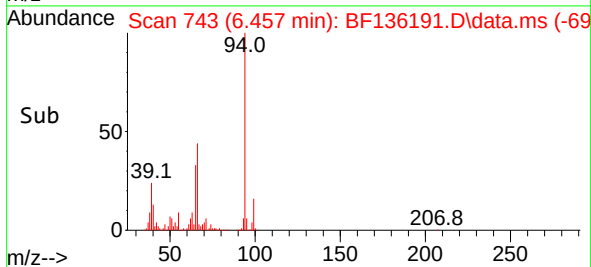
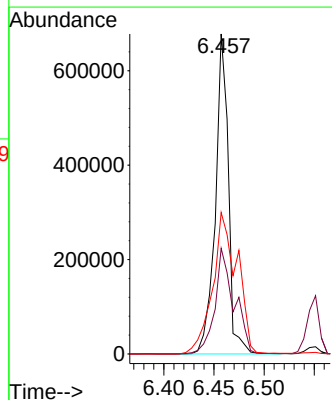
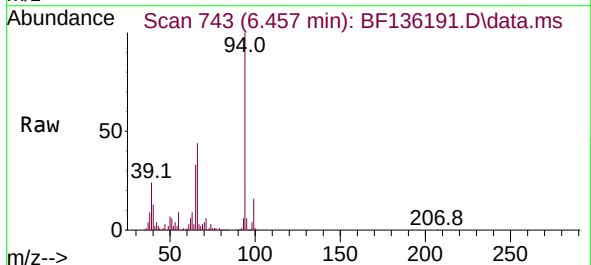
Instrument :
BNA_F
ClientSampleId :

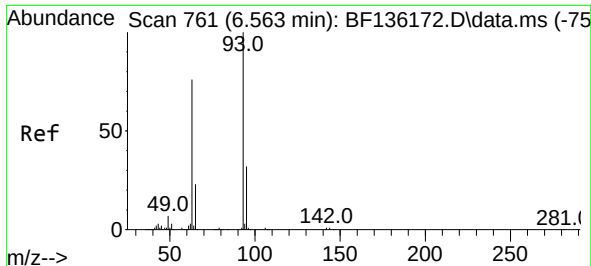
Tgt Ion: 77 Resp: 54584
Ion Ratio Lower Upper
77 100
105 96.9 83.8 123.8
106 87.1 79.8 119.8



#10
Phenol
Concen: 53.596 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

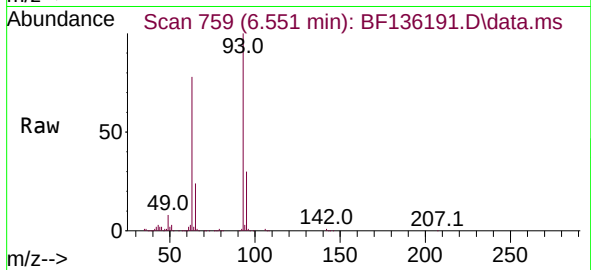
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Ion Ratio Lower Upper
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65 33.0 9.7 49.7
66 44.2 22.5 62.5





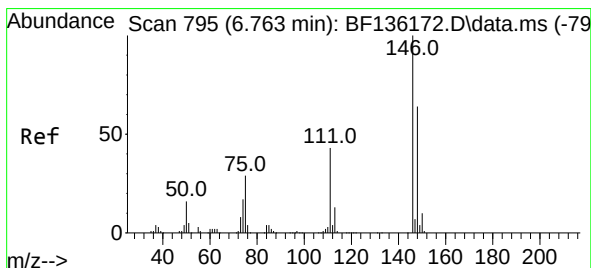
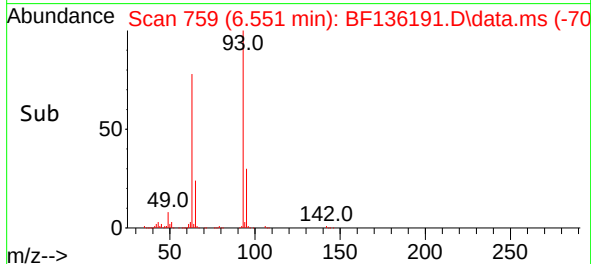
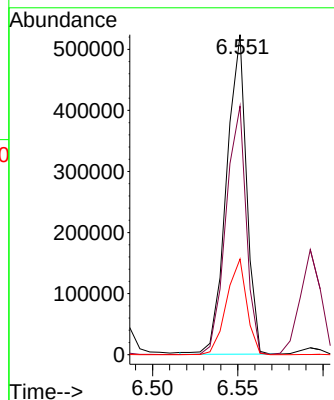
#11
bis(2-Chloroethyl)ether
Concen: 51.026 ng
RT: 6.551 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 93 Resp: 427588

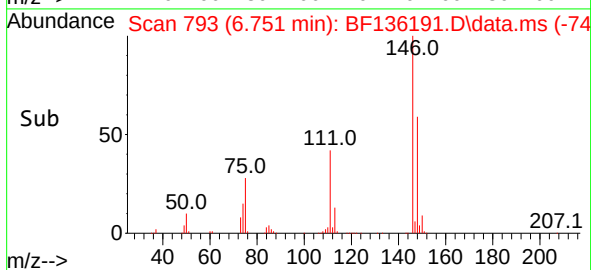
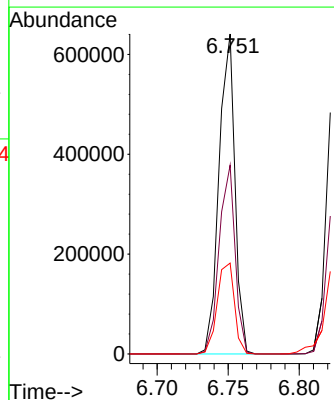
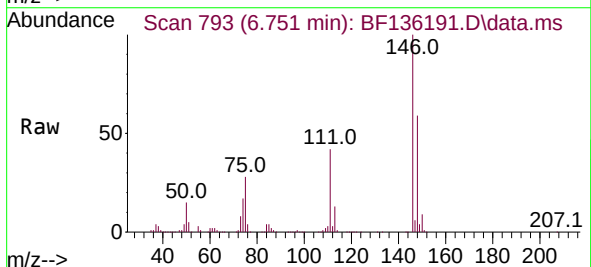
Ion	Ratio	Lower	Upper
93	100		
63	77.7	56.3	96.3
95	29.9	12.1	52.1

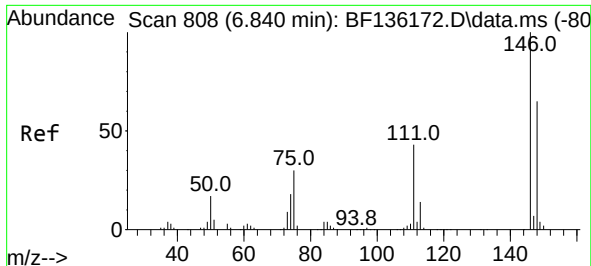


#12
1,3-Dichlorobenzene
Concen: 51.612 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:146 Resp: 497247

Ion	Ratio	Lower	Upper
146	100		
148	59.0	51.2	76.8
75	28.4	23.4	35.2





#13

1,4-Dichlorobenzene

Concen: 52.948 ng

RT: 6.828 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

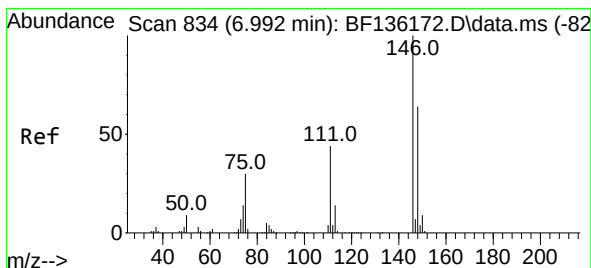
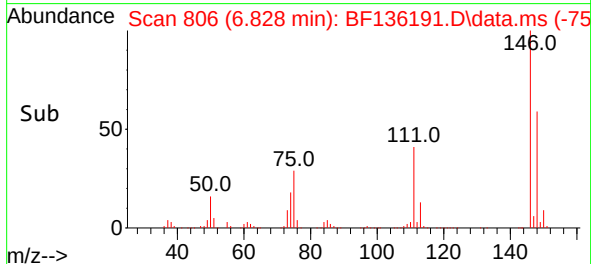
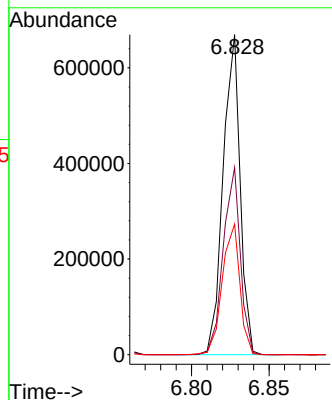
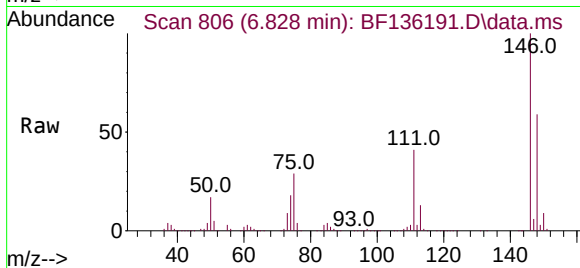
Tgt Ion:146 Resp: 511506

Ion Ratio Lower Upper

146 100

148 58.5 51.8 77.8

111 40.8 34.3 51.5



#14

1,2-Dichlorobenzene

Concen: 52.918 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

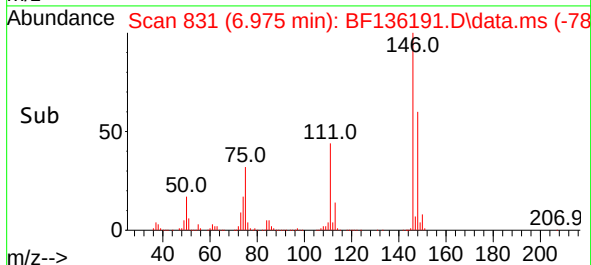
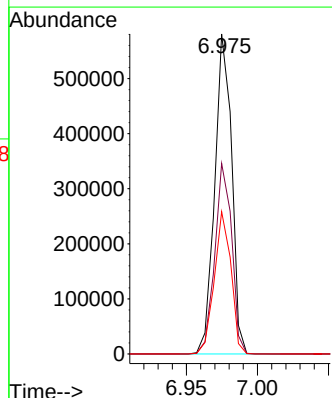
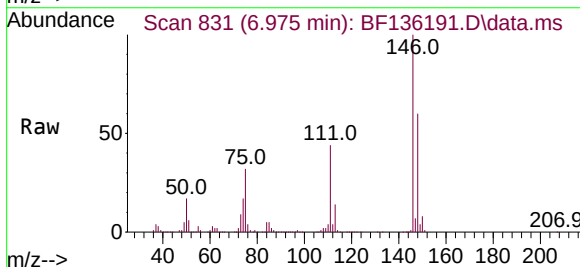
Tgt Ion:146 Resp: 480515

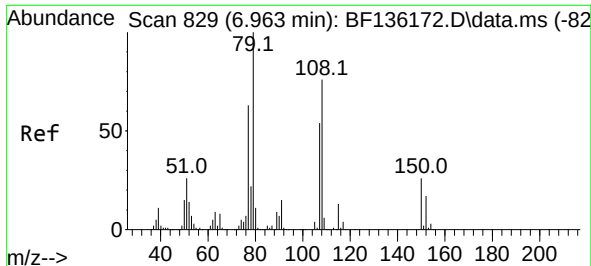
Ion Ratio Lower Upper

146 100

148 59.5 51.4 77.2

111 44.5 35.0 52.4

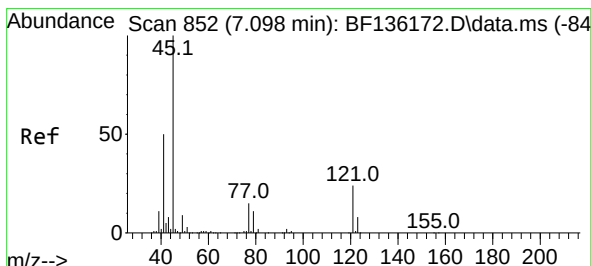
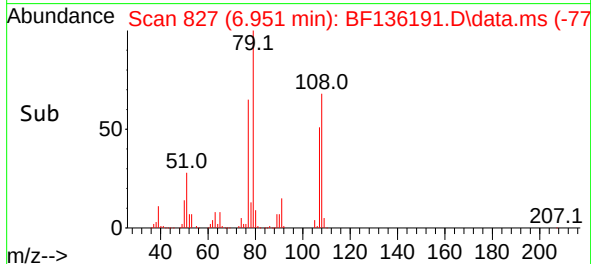
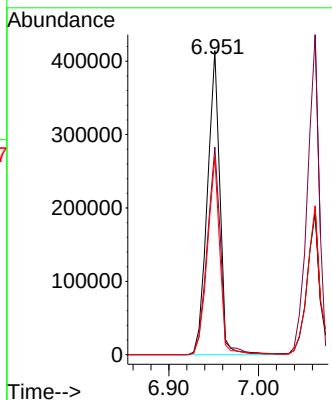
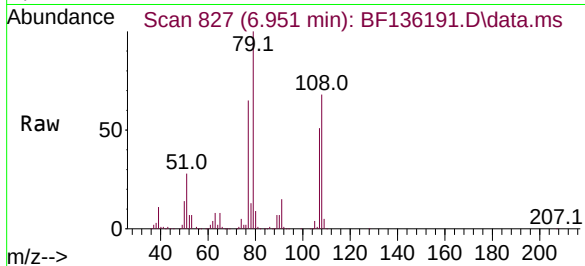




#15
Benzyl Alcohol
Concen: 51.627 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

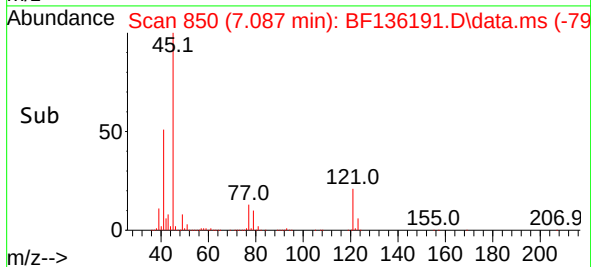
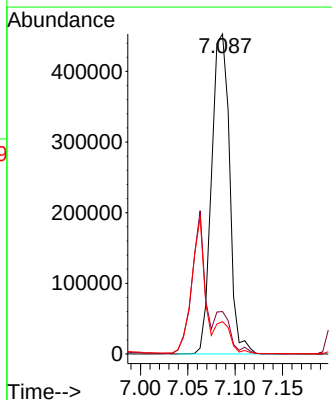
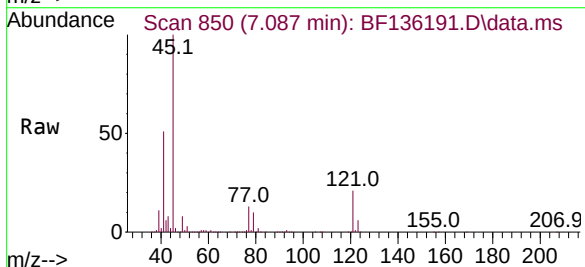
Instrument :
BNA_F
ClientSampleId :

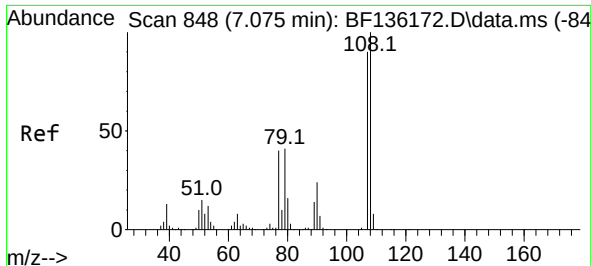
Tgt Ion: 79 Resp: 403122
Ion Ratio Lower Upper
79 100
108 68.2 60.6 90.8
77 65.0 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.458 ng
RT: 7.087 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

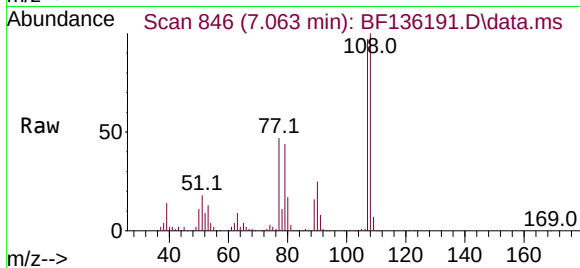
Tgt Ion: 45 Resp: 596176
Ion Ratio Lower Upper
45 100
77 13.2 0.0 35.2
79 10.1 0.0 31.2



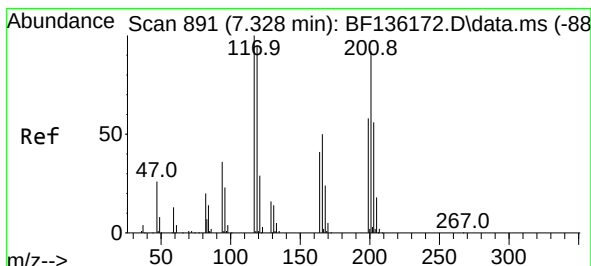
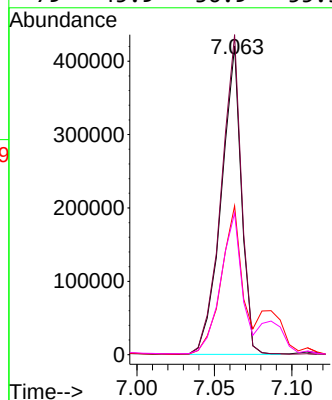
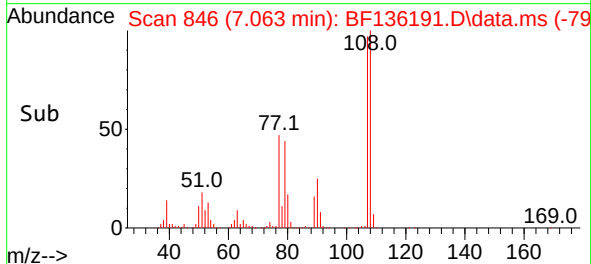


#17
2-Methylphenol
Concen: 49.668 ng
RT: 7.063 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :

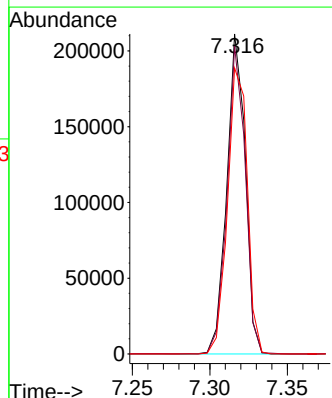
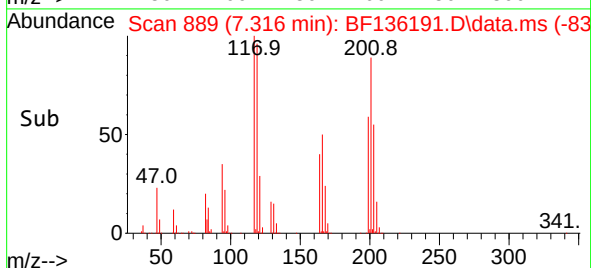
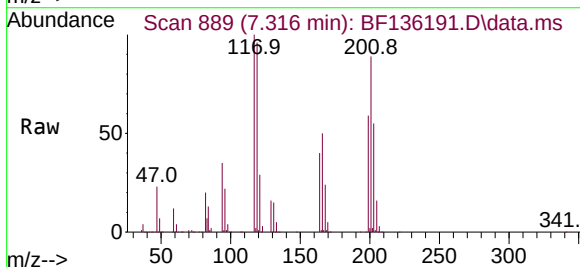


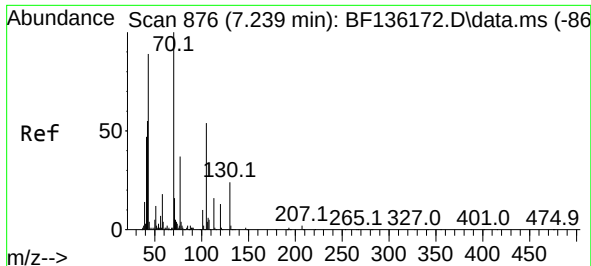
Tgt Ion:107 Resp: 378496
Ion Ratio Lower Upper
107 100
108 103.6 89.4 134.2
77 48.2 35.9 53.9
79 45.9 36.9 55.3



#18
Hexachloroethane
Concen: 49.849 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:117 Resp: 175741
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.4
201 89.3 73.7 110.5





#19

n-Nitroso-di-n-propylamine

Concen: 55.656 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.000 min

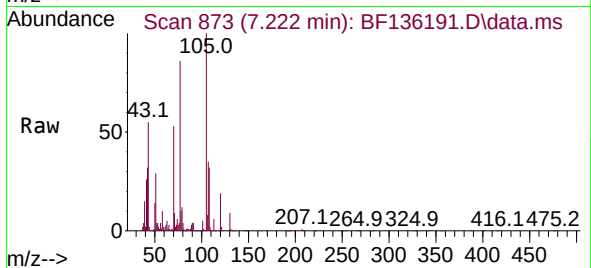
Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 335419

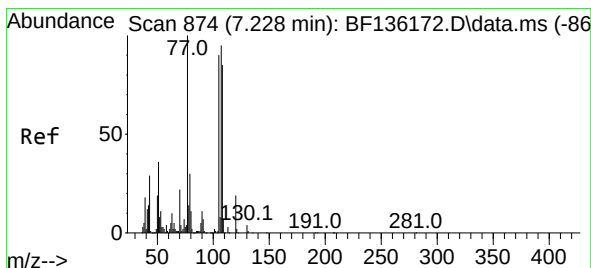
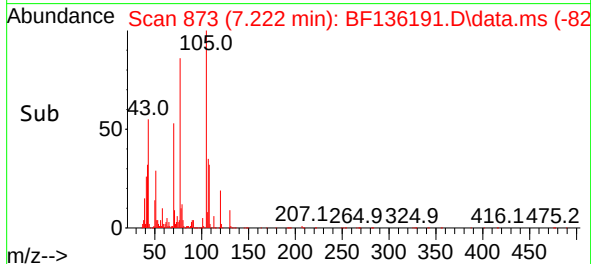
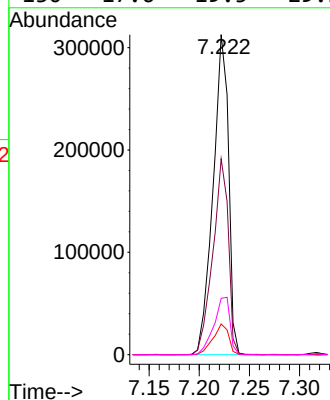
Ion Ratio Lower Upper

70 100

42 61.2 43.9 65.9

101 9.6 8.1 12.1

130 17.6 19.5 29.3#



#20

3+4-Methylphenols

Concen: 50.841 ng

RT: 7.216 min Scan# 872

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Tgt Ion:107 Resp: 483518

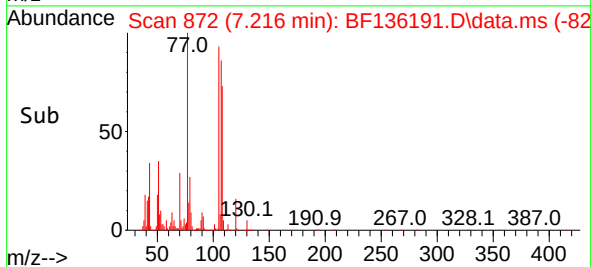
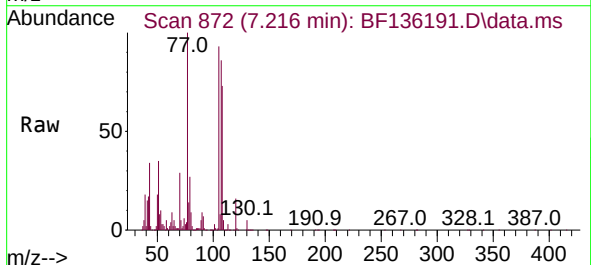
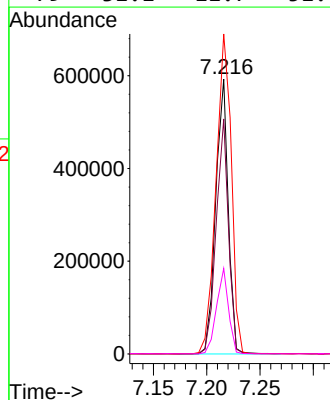
Ion Ratio Lower Upper

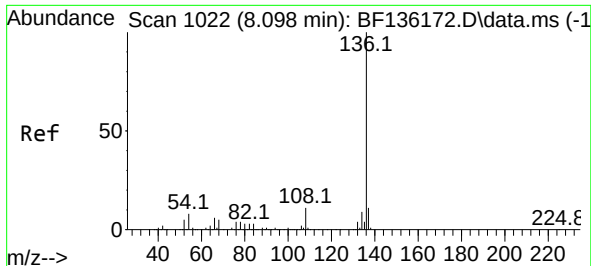
107 100

108 85.5 70.1 110.1

77 116.4 85.7 125.7

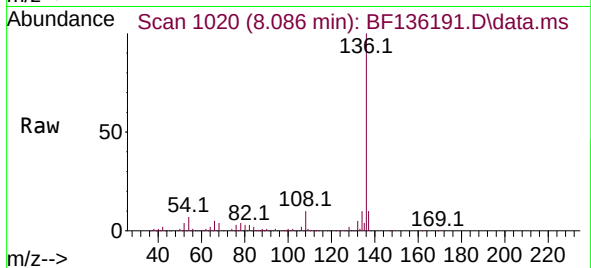
79 31.1 11.7 51.7



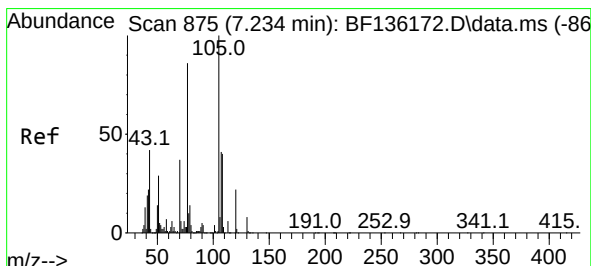
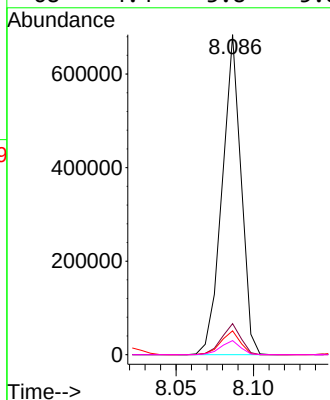
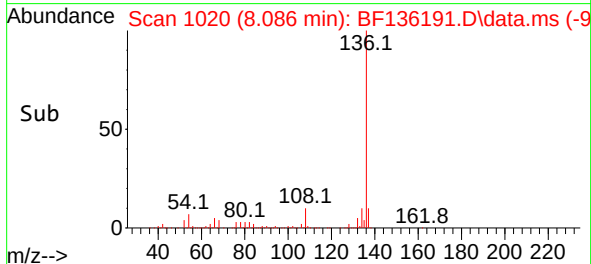


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

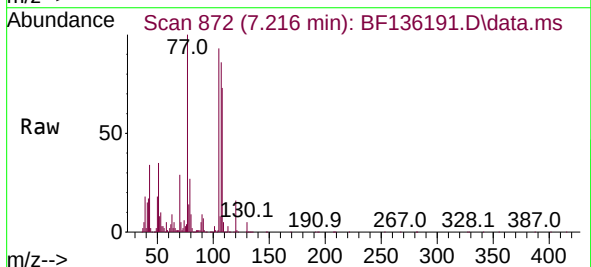
Instrument :
BNA_F
ClientSampleId :



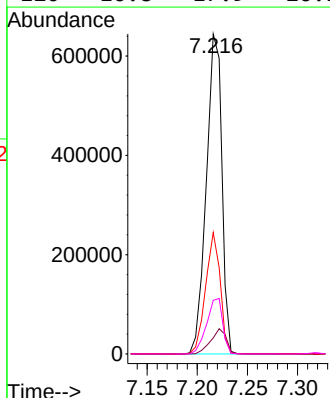
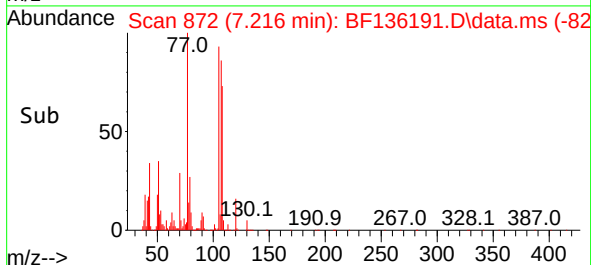
Tgt Ion:136	Resp: 580838
Ion Ratio	Lower Upper
136 100	
137 9.7	8.6 13.0
54 7.4	6.3 9.5
68 4.4	3.8 5.8

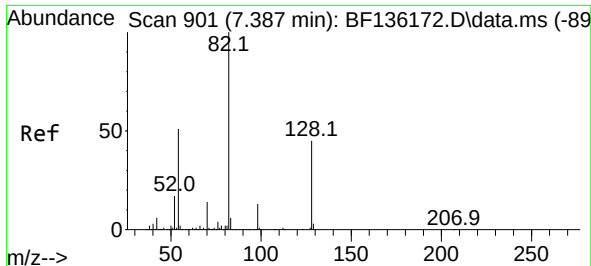


#22
Acetophenone
Concen: 51.975 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20



Tgt	Ion:105	Resp:	697009
Ion	Ratio	Lower	Upper
105	100		
71	5.0	5.0	7.4
51	37.9	23.5	35.3#
120	16.8	17.9	26.9#

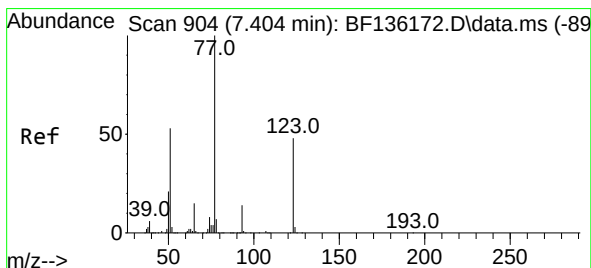
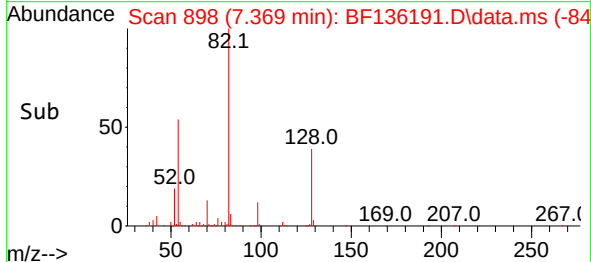
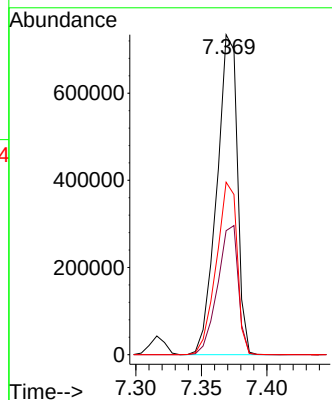
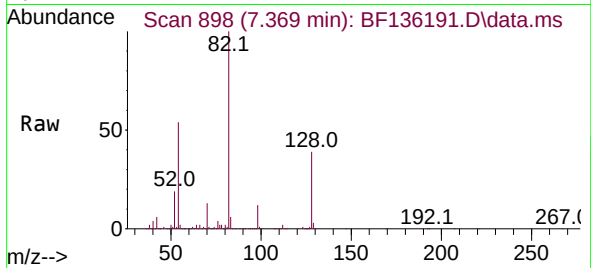




#23
Nitrobenzene-d5
Concen: 76.907 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

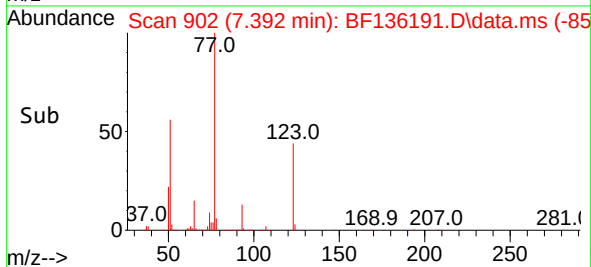
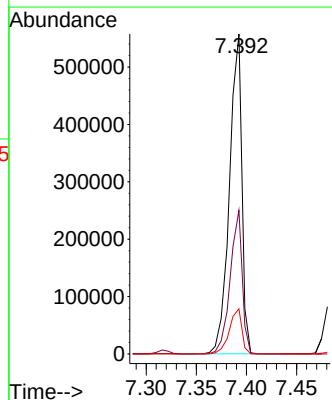
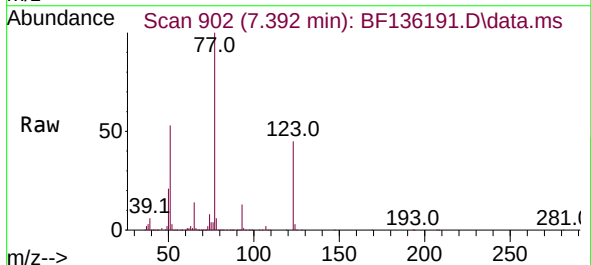
Instrument :
BNA_F
ClientSampleId :

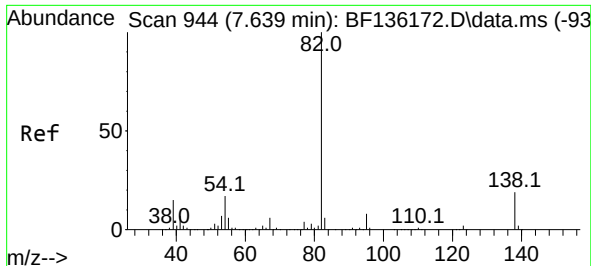
Tgt Ion: 82 Resp: 800497
Ion Ratio Lower Upper
82 100
128 38.7 35.8 53.6
54 53.9 40.6 60.8



#24
Nitrobenzene
Concen: 47.221 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion: 77 Resp: 478336
Ion Ratio Lower Upper
77 100
123 44.8 38.8 58.2
65 14.1 11.7 17.5

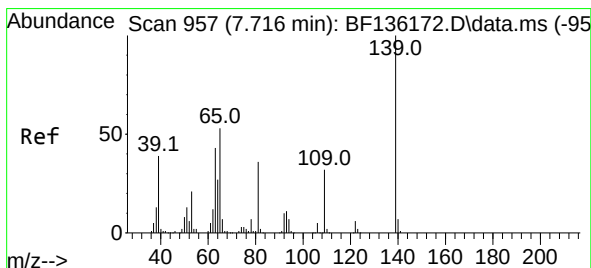
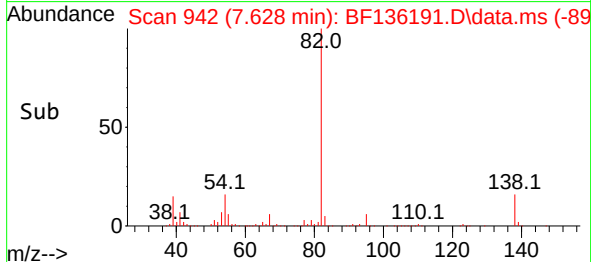
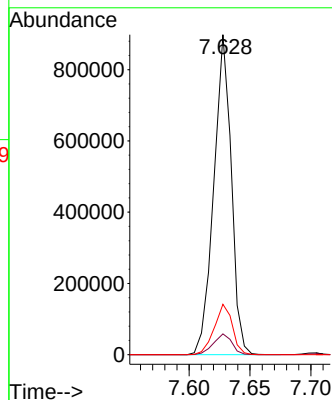
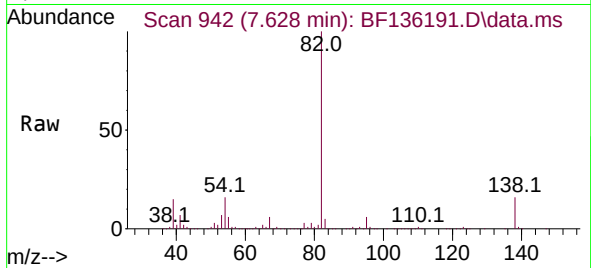




#25
Isophorone
Concen: 50.102 ng
RT: 7.628 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

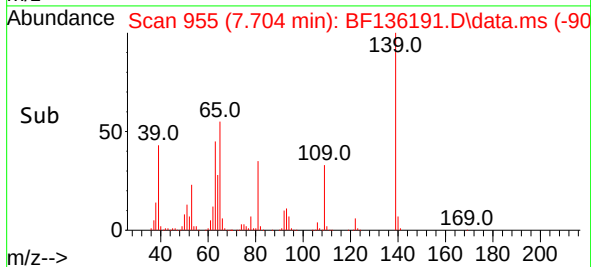
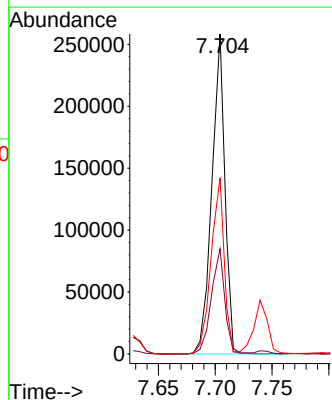
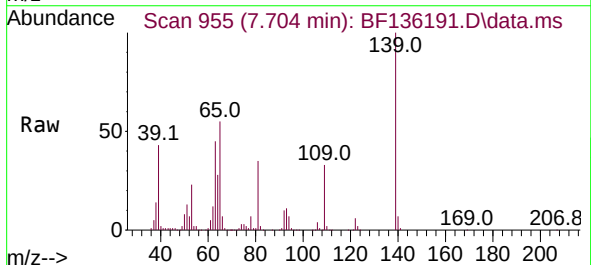
Instrument :
BNA_F
ClientSampleId :

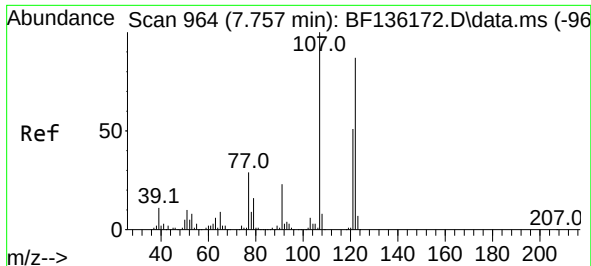
Tgt Ion: 82 Resp: 899976
Ion Ratio Lower Upper
82 100
95 6.5 6.2 9.4
138 15.7 14.8 22.2



#26
2-Nitrophenol
Concen: 41.973 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion: 139 Resp: 206069
Ion Ratio Lower Upper
139 100
109 32.9 25.8 38.8
65 55.0 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 41.675 ng

RT: 7.739 min Scan# 91

Delta R.T. -0.000 min

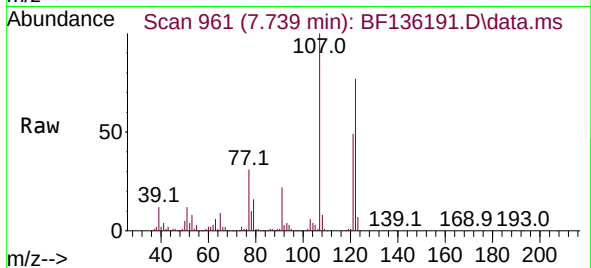
Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :



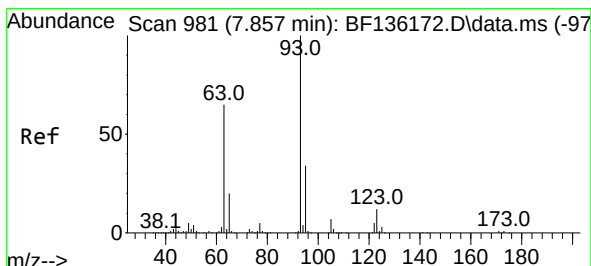
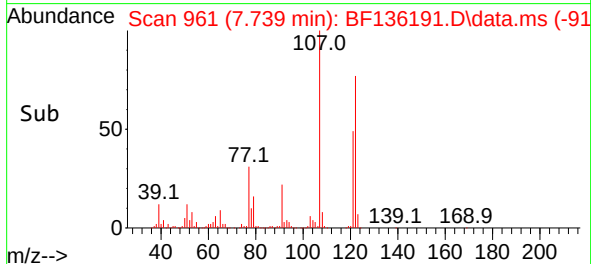
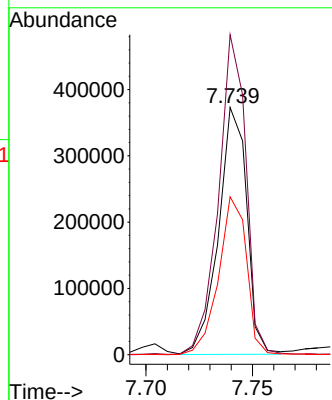
Tgt Ion:122 Resp: 343686

Ion Ratio Lower Upper

122 100

107 129.4 91.8 137.8

121 63.9 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 49.919 ng

RT: 7.839 min Scan# 978

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

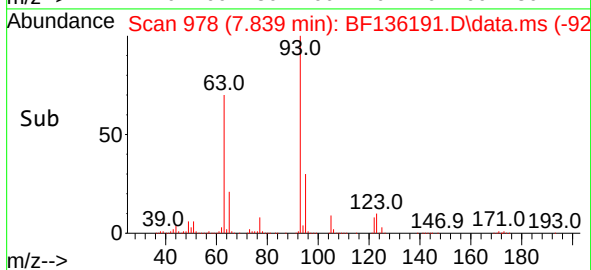
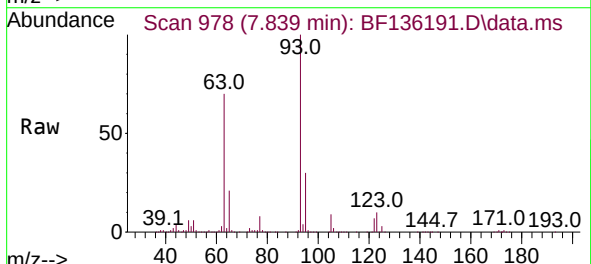
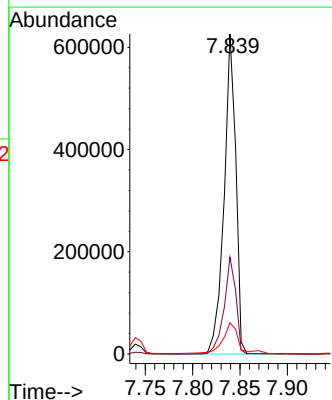
Tgt Ion: 93 Resp: 540769

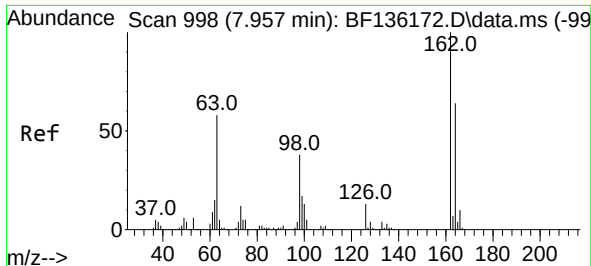
Ion Ratio Lower Upper

93 100

95 30.2 27.2 40.8

123 9.8 10.2 15.4#





#29

2,4-Dichlorophenol

Concen: 48.659 ng

RT: 7.945 min Scan# 99

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

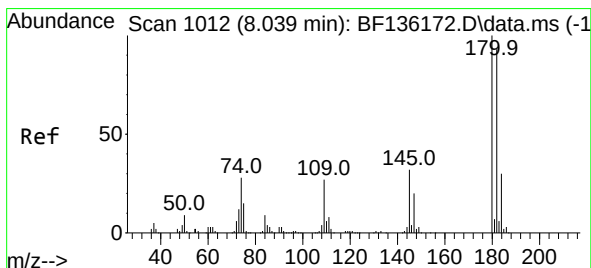
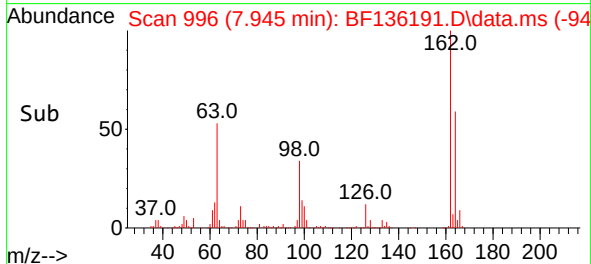
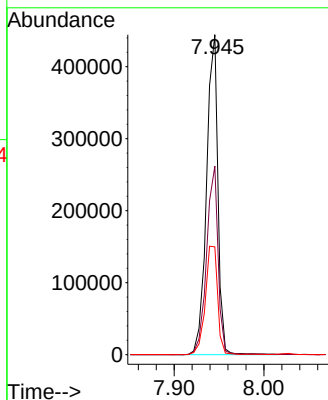
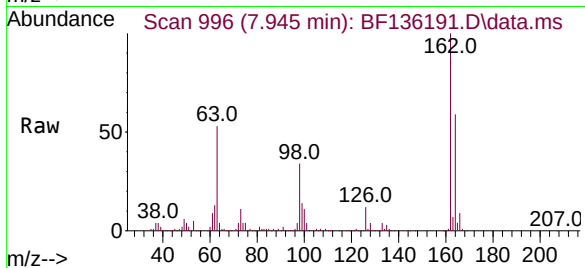
Tgt Ion:162 Resp: 391264

Ion Ratio Lower Upper

162 100

164 59.0 43.7 83.7

98 33.7 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 49.509 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

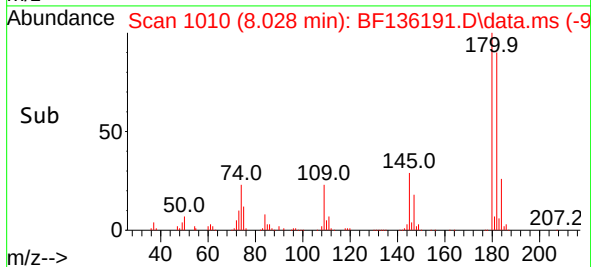
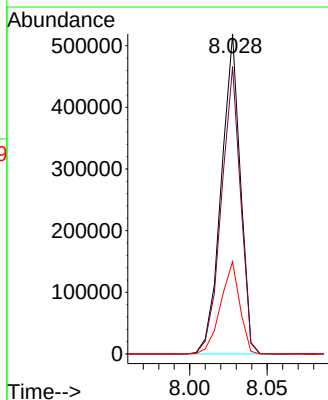
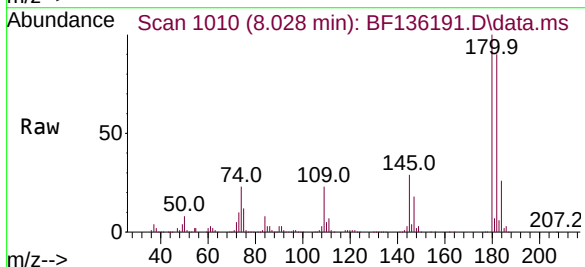
Tgt Ion:180 Resp: 443258

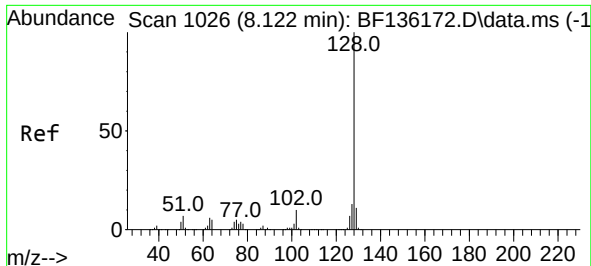
Ion Ratio Lower Upper

180 100

182 89.8 74.8 112.2

145 28.8 25.3 37.9

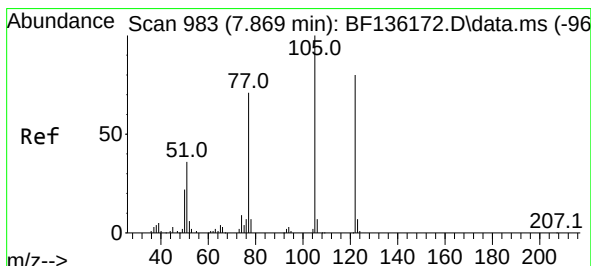
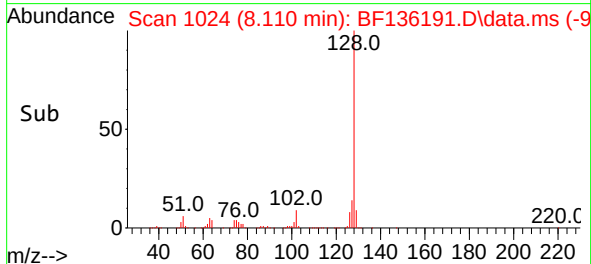
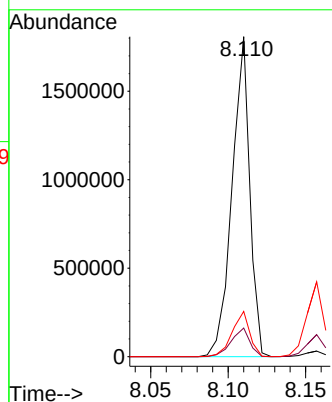
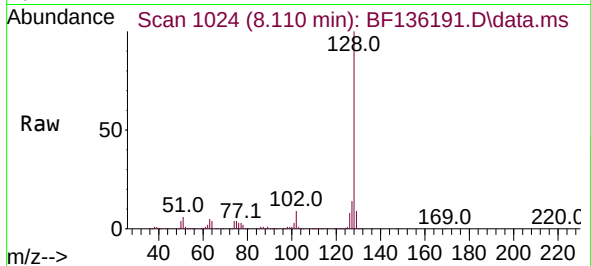




#31
Naphthalene
Concen: 50.143 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

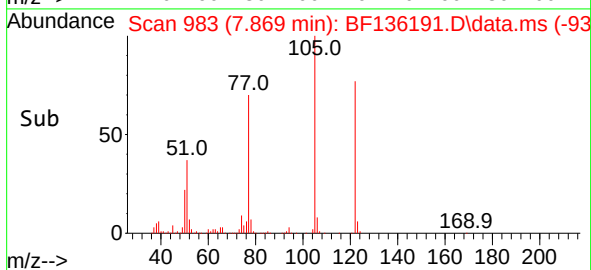
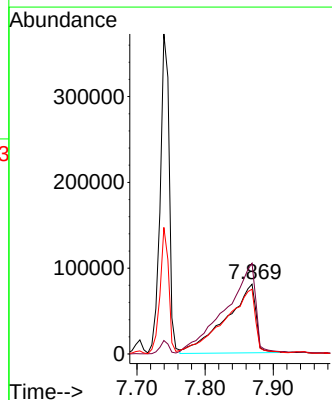
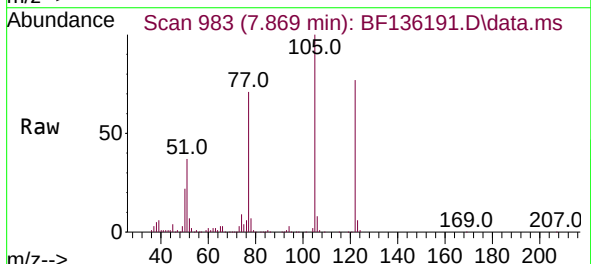
Instrument :
BNA_F
ClientSampleId :

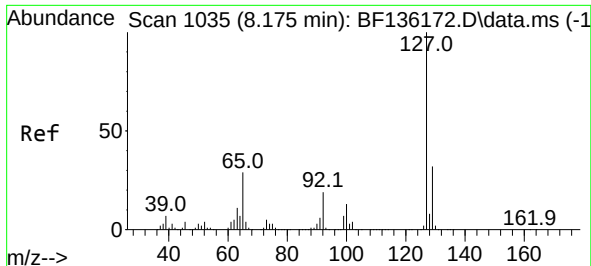
Tgt Ion:128 Resp: 1434706
Ion Ratio Lower Upper
128 100
129 9.0 8.9 13.3
127 14.1 10.6 16.0



#32
Benzoic acid
Concen: 41.046 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

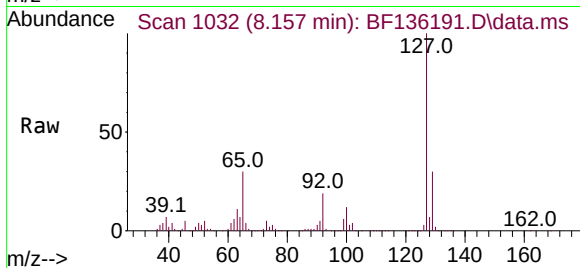
Tgt Ion:122 Resp: 245182
Ion Ratio Lower Upper
122 100
105 130.1 102.5 142.5
77 92.9 68.1 108.1



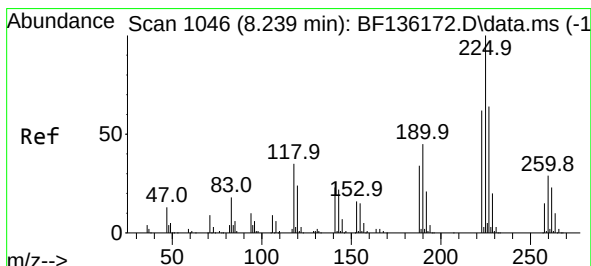
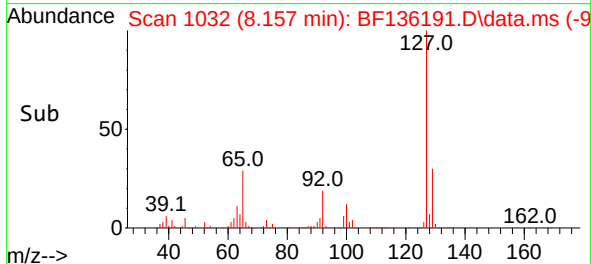
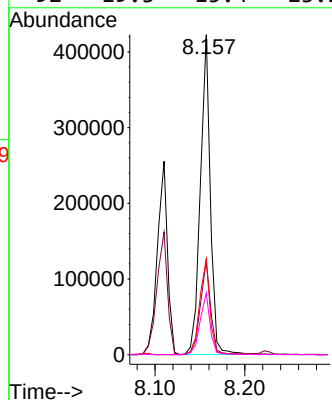


#33
4-Chloroaniline
Concen: 27.590 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :

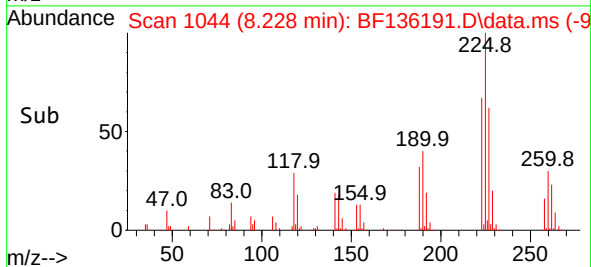
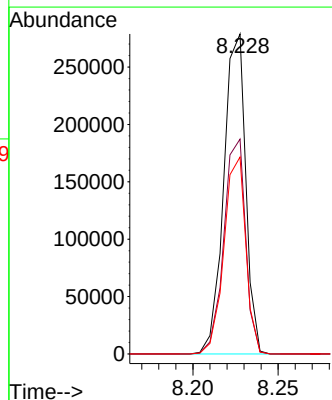
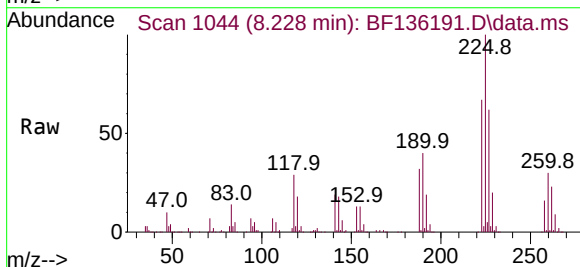


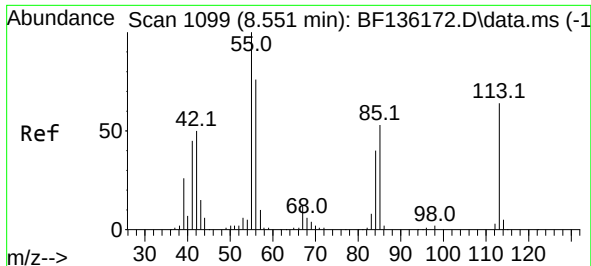
Tgt Ion:	127	Resp:	327432
Ion	Ratio	Lower	Upper
127	100		
129	29.5	25.7	38.5
65	29.8	23.3	34.9
92	19.3	15.4	23.2



#34
Hexachlorobutadiene
Concen: 45.779 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:	225	Resp:	249157
Ion	Ratio	Lower	Upper
225	100		
223	67.1	49.8	74.6
227	61.6	51.1	76.7

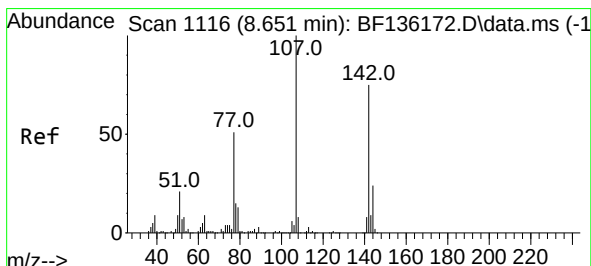
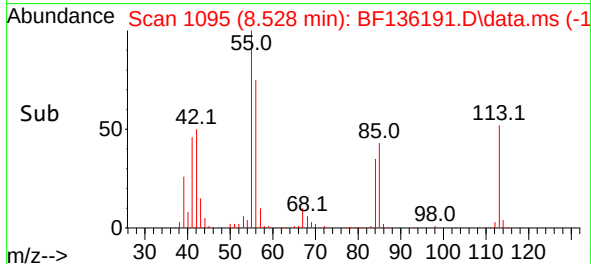
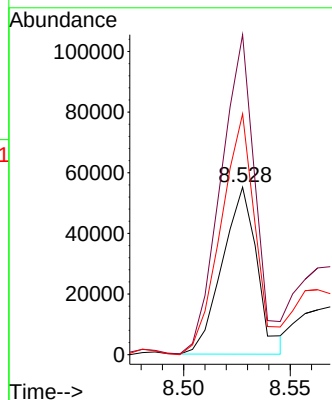
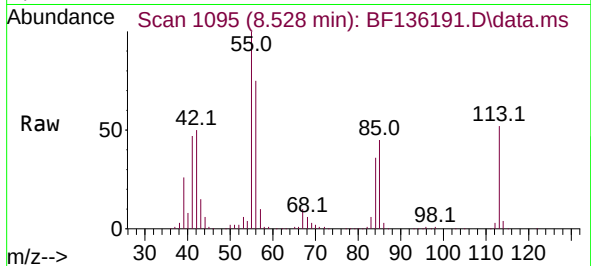




#35
Caprolactam
Concen: 26.939 ng
RT: 8.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

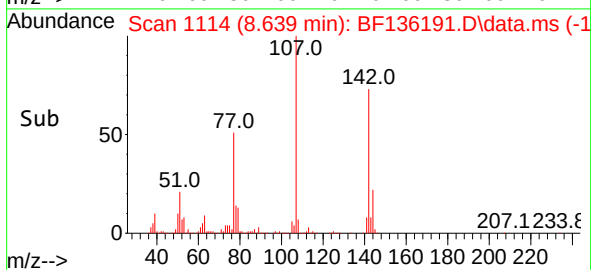
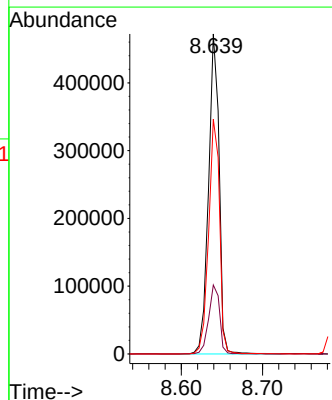
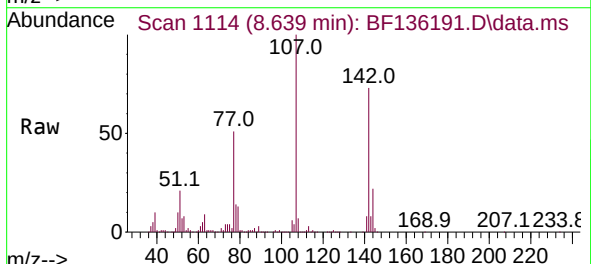
Instrument :
BNA_F
ClientSampleId :

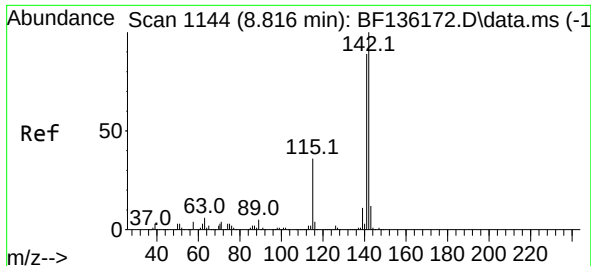
Tgt Ion:113 Resp: 62718
Ion Ratio Lower Upper
113 100
55 191.0 137.2 177.2#
56 143.7 99.8 139.8#



#36
4-Chloro-3-methylphenol
Concen: 50.547 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:107 Resp: 426732
Ion Ratio Lower Upper
107 100
144 21.5 19.4 29.0
142 73.3 59.9 89.9





#37

2-Methylnaphthalene

Concen: 46.742 ng

RT: 8.798 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

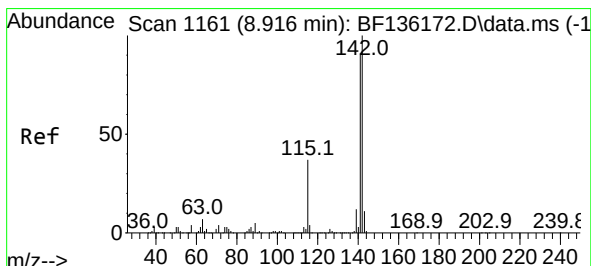
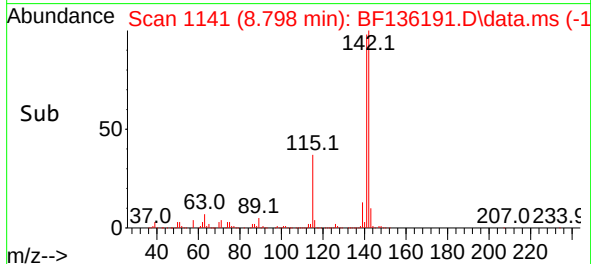
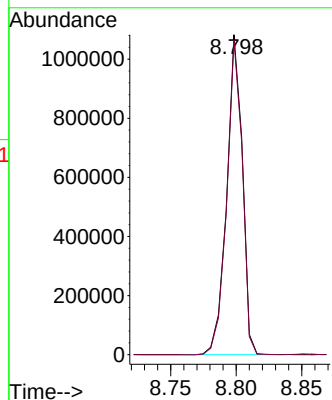
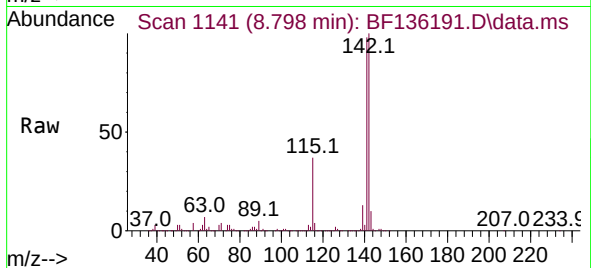
ClientSampleId :

Tgt Ion:142 Resp: 896710

Ion Ratio Lower Upper

142 100

141 98.3 71.4 107.0



#38

1-Methylnaphthalene

Concen: 47.987 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF136191.D

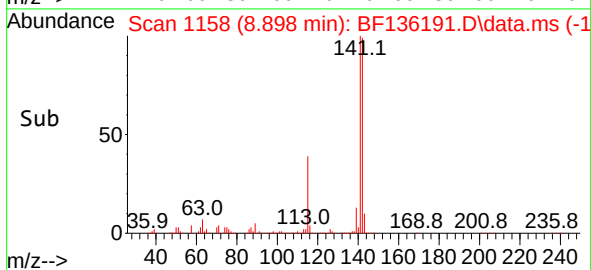
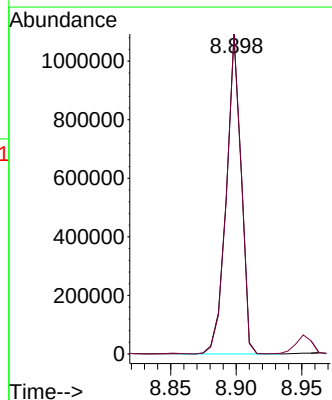
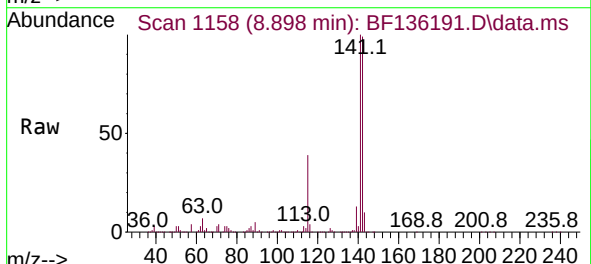
Acq: 24 Nov 2023 21:20

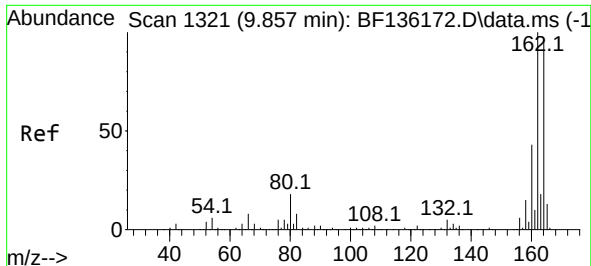
Tgt Ion:142 Resp: 854125

Ion Ratio Lower Upper

142 100

141 100.6 72.7 109.1

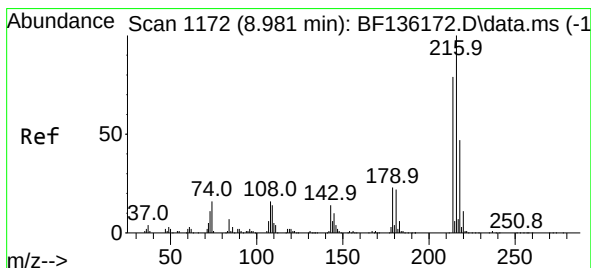
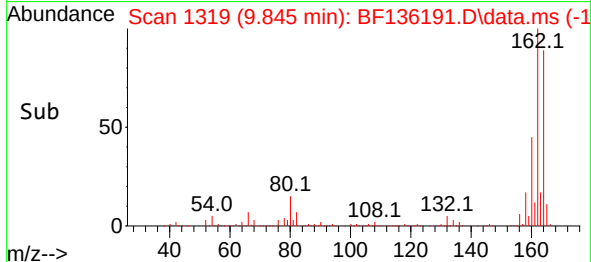
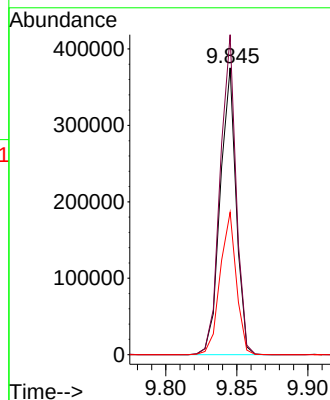
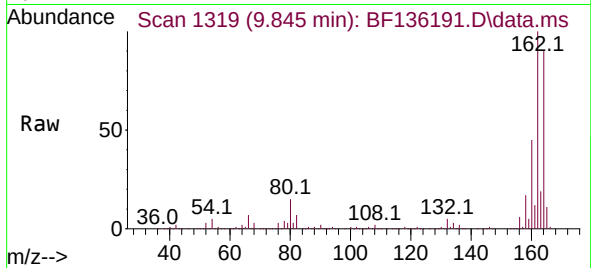




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

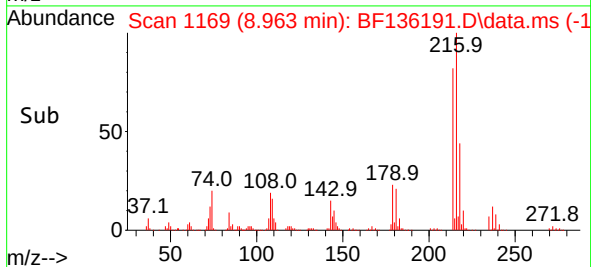
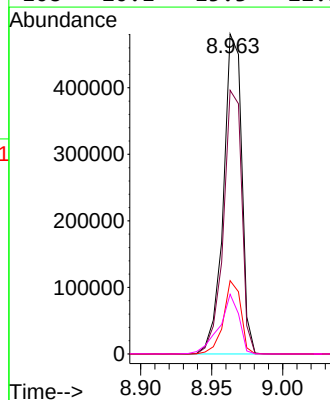
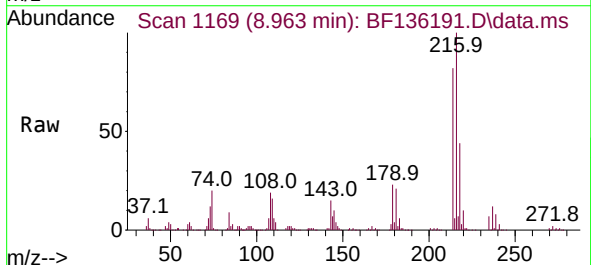
Instrument :
BNA_F
ClientSampleId :

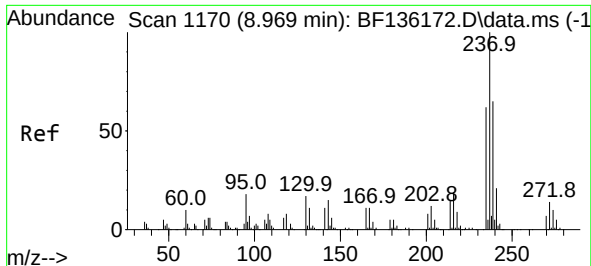
Tgt Ion:164 Resp: 292574
Ion Ratio Lower Upper
164 100
162 111.6 83.2 124.8
160 49.7 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.080 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:216 Resp: 430358
Ion Ratio Lower Upper
216 100
214 82.5 63.8 95.8
179 21.7 18.0 27.0
108 20.1 15.3 22.9

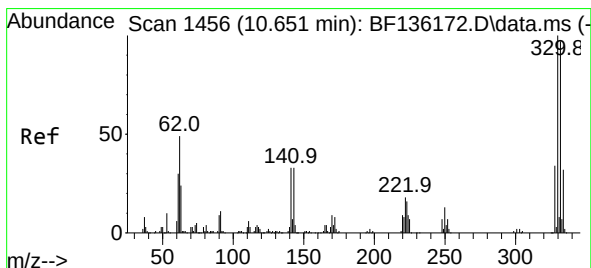
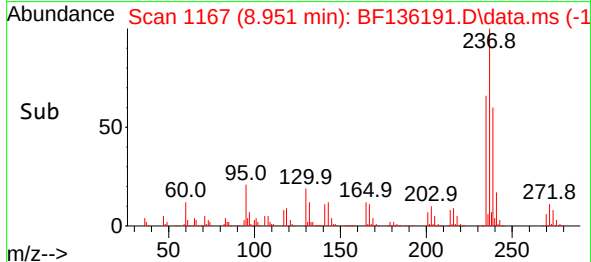
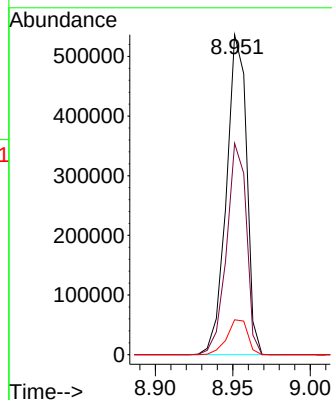
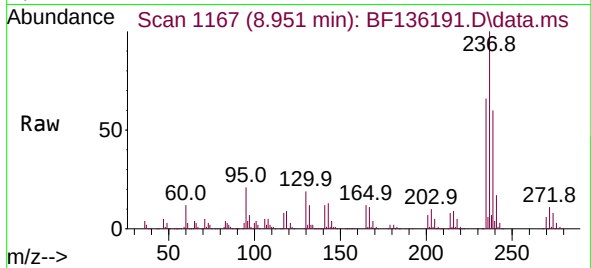




#41
Hexachlorocyclopentadiene
Concen: 107.675 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

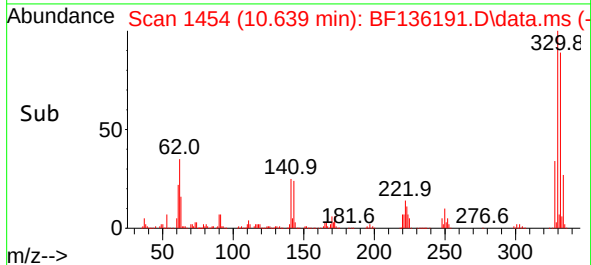
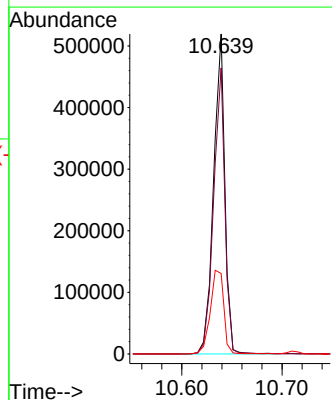
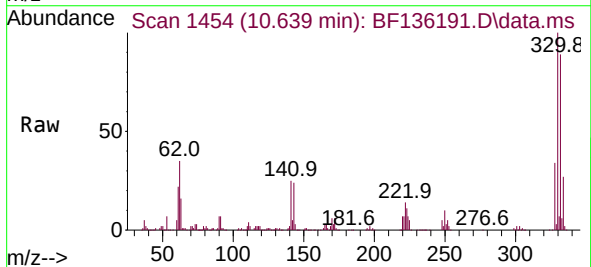
Instrument :
BNA_F
ClientSampleId :

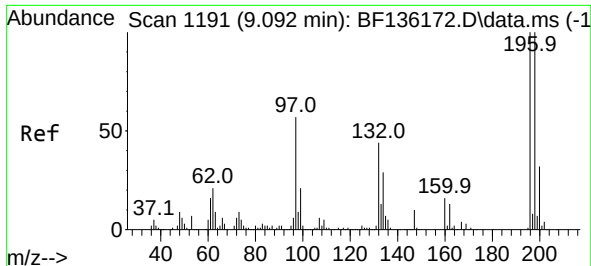
Tgt Ion:237 Resp: 486872
Ion Ratio Lower Upper
237 100
235 66.1 42.3 82.3
272 10.9 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 132.675 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:330 Resp: 406550
Ion Ratio Lower Upper
330 100
332 89.8 77.6 116.4
141 31.2 25.8 38.6

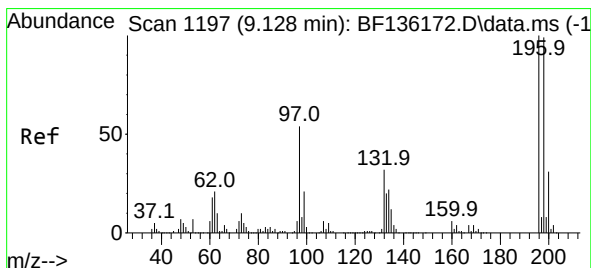
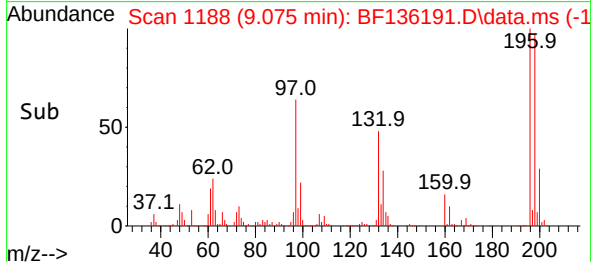
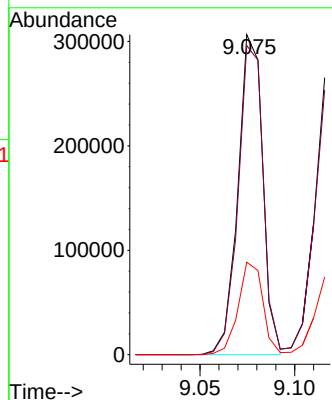
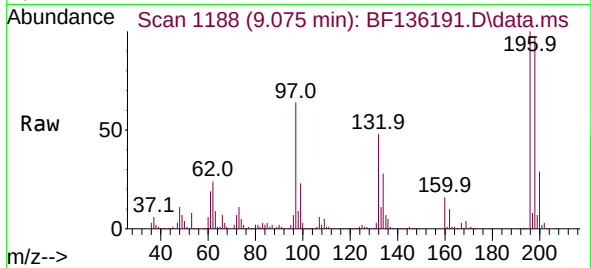




#43
2,4,6-Trichlorophenol
Concen: 50.651 ng
RT: 9.075 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

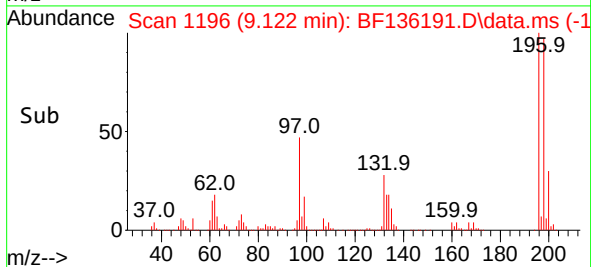
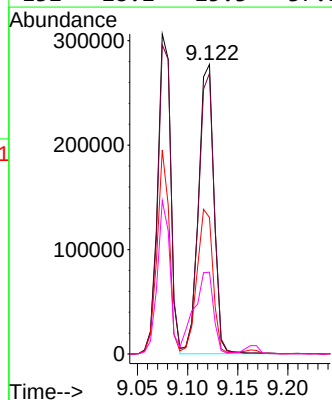
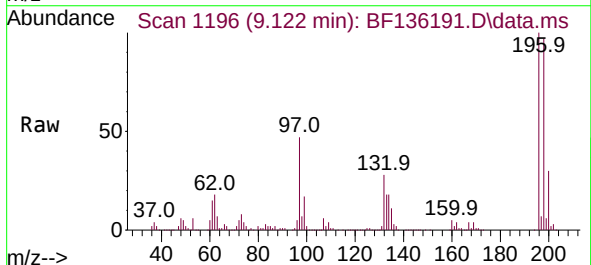
Instrument :
BNA_F
ClientSampleId :

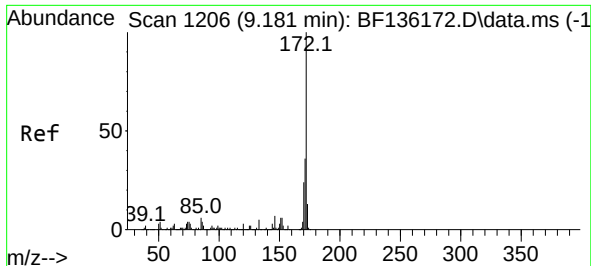
Tgt Ion:196 Resp: 278101
Ion Ratio Lower Upper
196 100
198 96.6 80.2 120.4
200 28.9 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 47.097 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:196 Resp: 297892
Ion Ratio Lower Upper
196 100
198 96.9 78.9 118.3
97 47.2 43.6 65.4
132 28.2 25.3 37.9

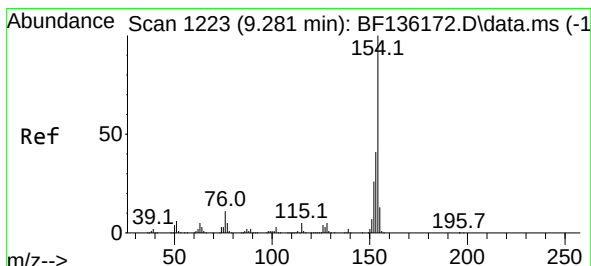
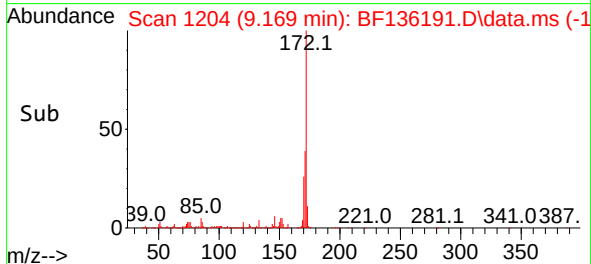
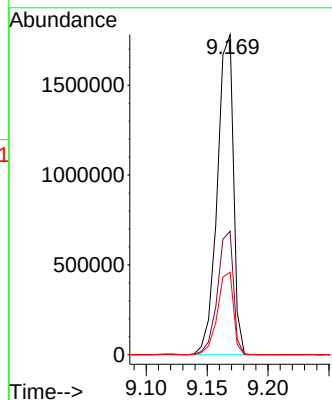
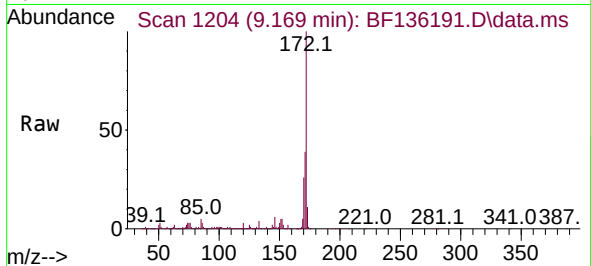




#45
2-Fluorobiphenyl
Concen: 83.015 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

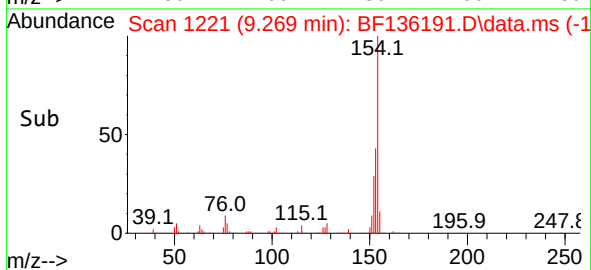
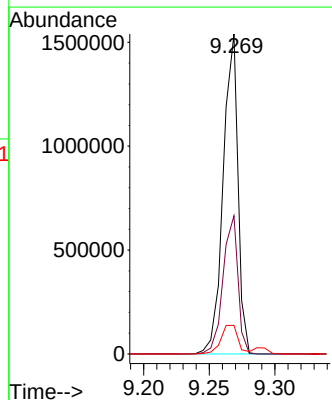
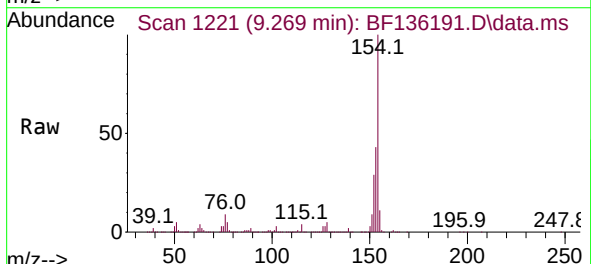
Instrument :
BNA_F
ClientSampleId :

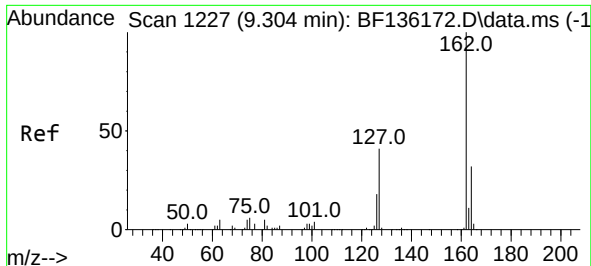
Tgt Ion:172 Resp: 1643081
Ion Ratio Lower Upper
172 100
171 38.6 28.9 43.3
170 25.7 19.1 28.7



#46
1,1'-Biphenyl
Concen: 52.419 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:154 Resp: 1203422
Ion Ratio Lower Upper
154 100
153 43.2 21.1 61.1
76 9.0 0.0 31.2





#47

2-Chloronaphthalene

Concen: 54.006 ng

RT: 9.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

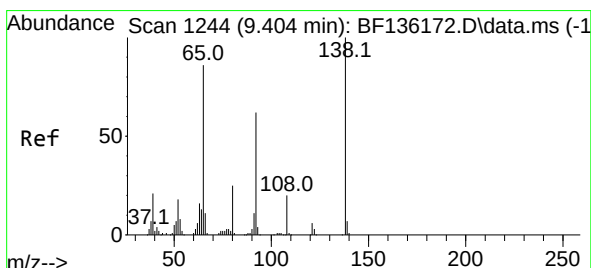
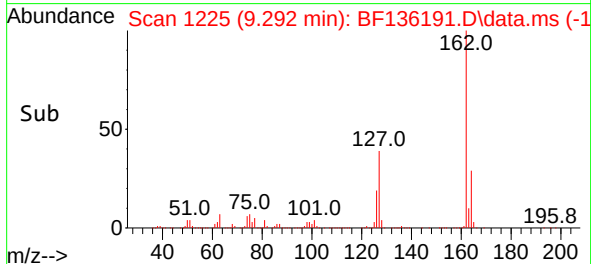
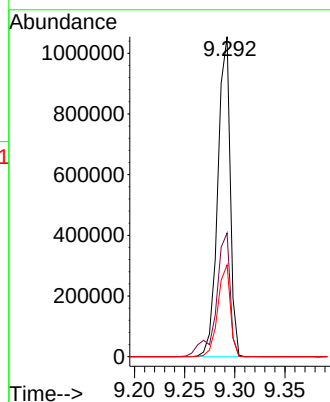
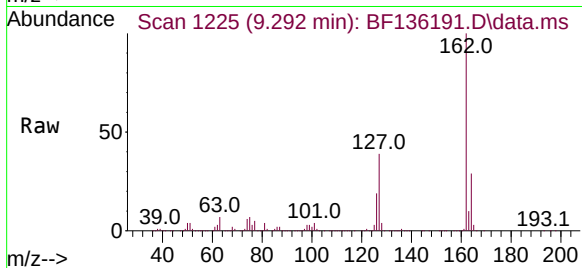
Tgt Ion:162 Resp: 906256

Ion Ratio Lower Upper

162 100

127 38.7 34.2 51.4

164 28.7 25.6 38.4



#48

2-Nitroaniline

Concen: 47.951 ng

RT: 9.386 min Scan# 1241

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

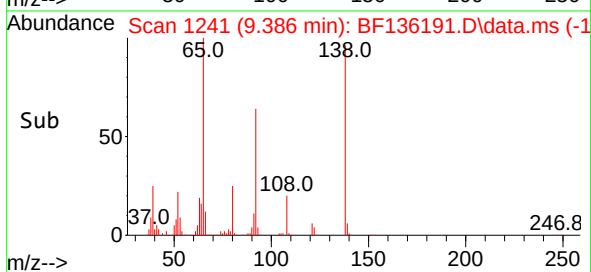
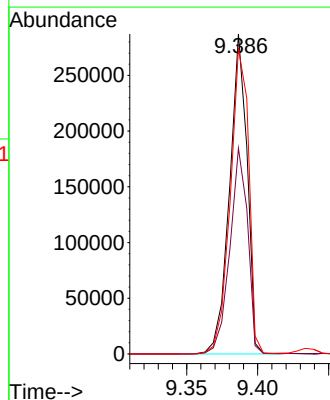
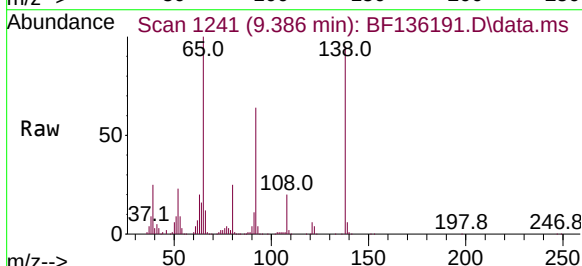
Tgt Ion: 65 Resp: 245333

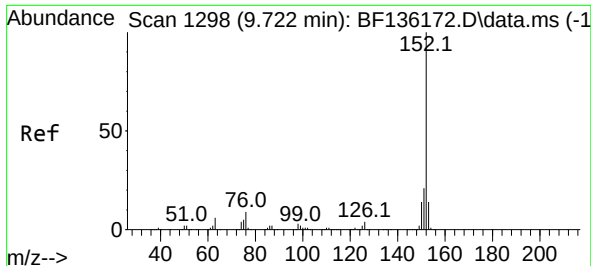
Ion Ratio Lower Upper

65 100

92 64.3 57.5 86.3

138 95.4 93.4 140.2





#49

Acenaphthylene

Concen: 55.810 ng

RT: 9.704 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

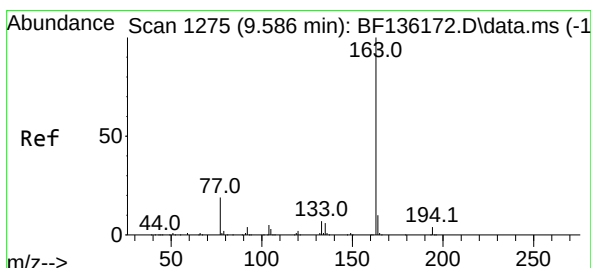
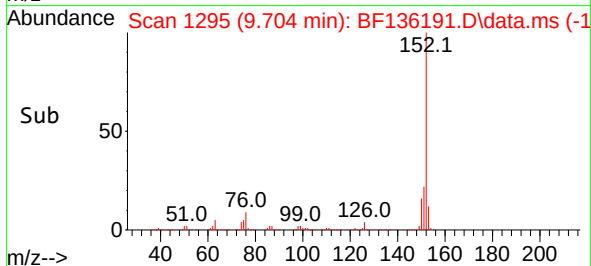
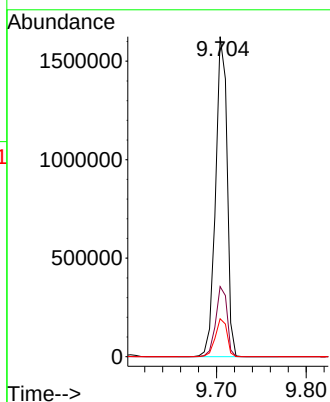
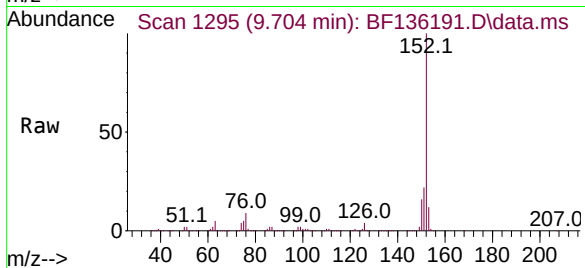
Tgt Ion:152 Resp: 1445599

Ion Ratio Lower Upper

152 100

151 21.9 16.4 24.6

153 11.8 11.1 16.7



#50

Dimethylphthalate

Concen: 52.220 ng

RT: 9.575 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

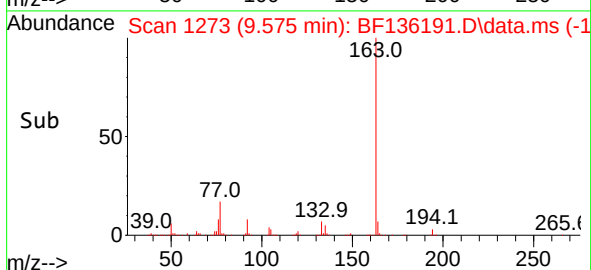
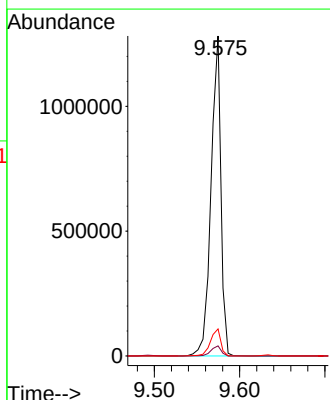
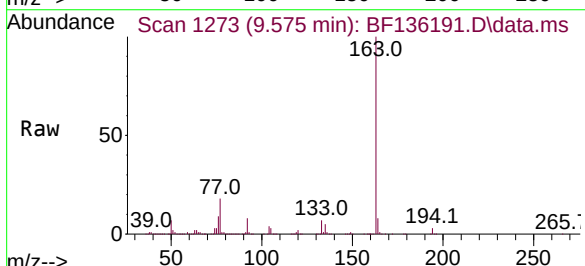
Tgt Ion:163 Resp: 1032273

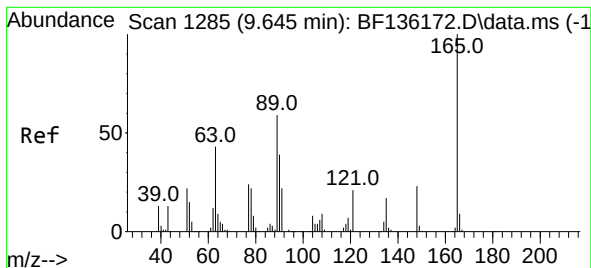
Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

164 8.4 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 45.001 ng

RT: 9.633 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

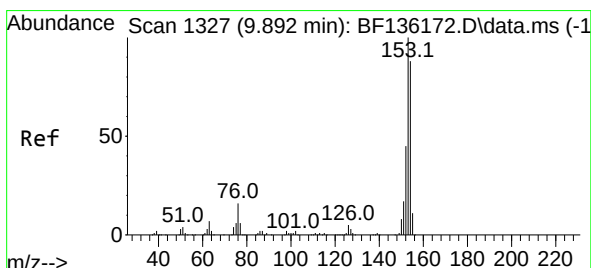
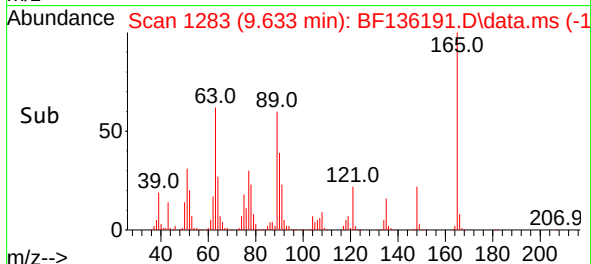
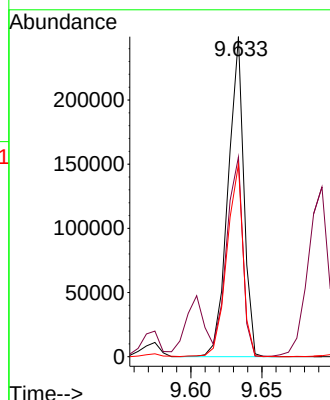
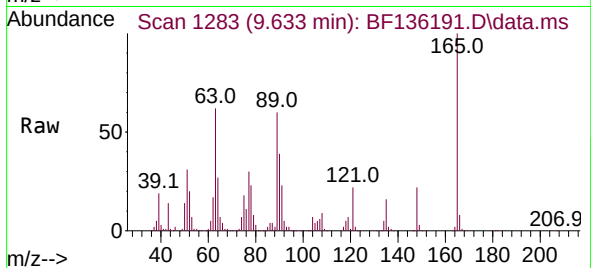
Tgt Ion:165 Resp: 193031

Ion Ratio Lower Upper

165 100

63 62.4 48.0 72.0

89 60.1 47.2 70.8



#52

Acenaphthene

Concen: 48.461 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

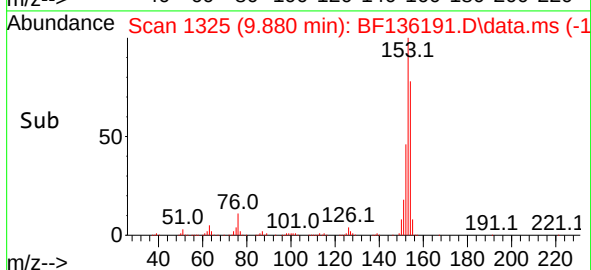
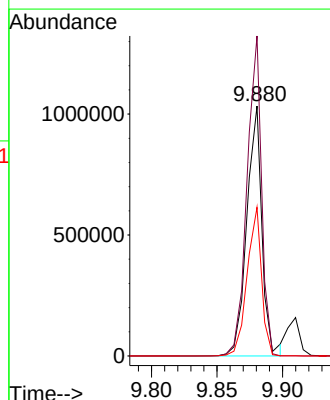
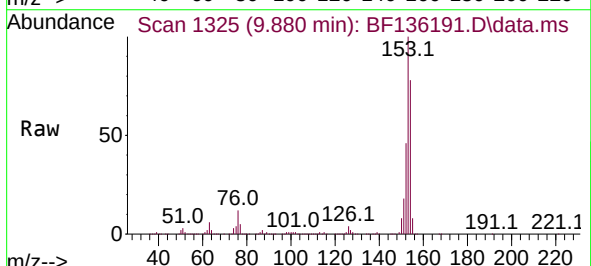
Tgt Ion:154 Resp: 836059

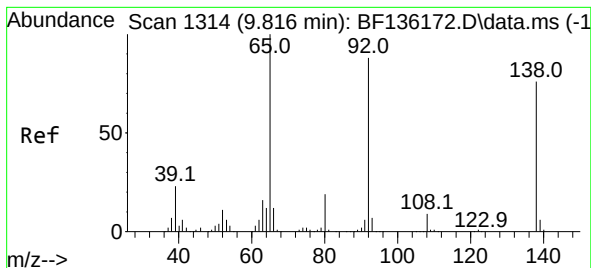
Ion Ratio Lower Upper

154 100

153 128.0 90.4 135.6

152 59.4 41.1 61.7





#53

3-Nitroaniline

Concen: 34.011 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

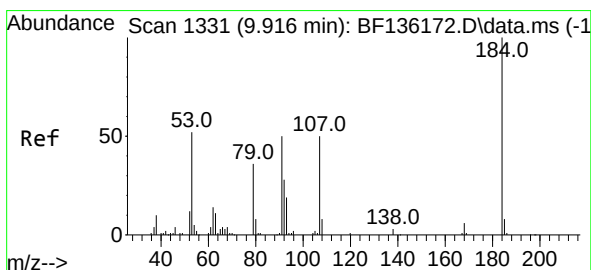
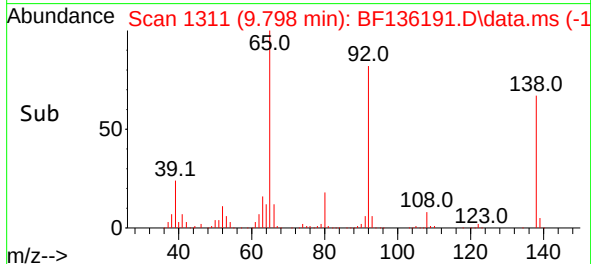
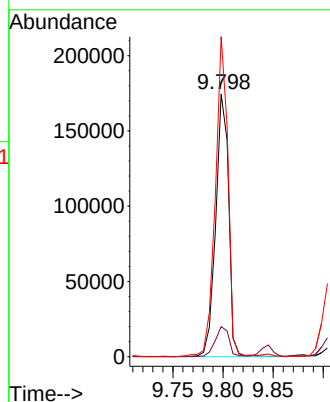
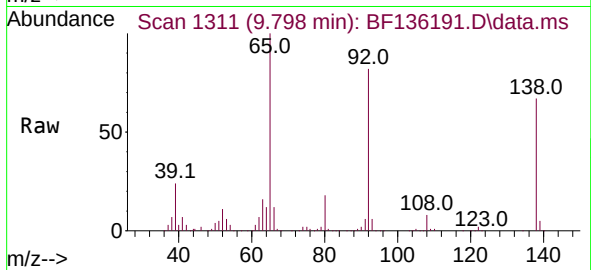
Tgt Ion:138 Resp: 155550

Ion Ratio Lower Upper

138 100

108 11.4 9.0 13.4

92 121.9 92.2 138.2



#54

2,4-Dinitrophenol

Concen: 87.379 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

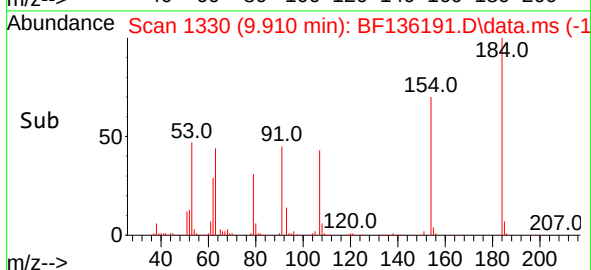
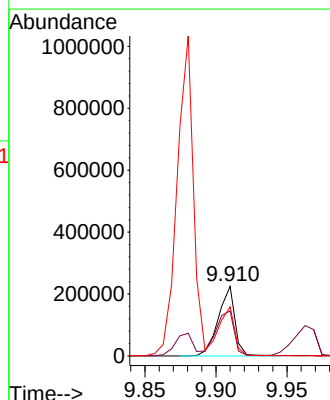
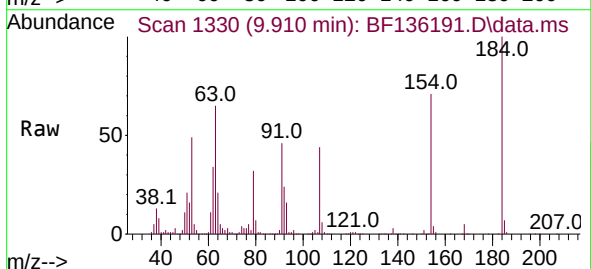
Tgt Ion:184 Resp: 183894

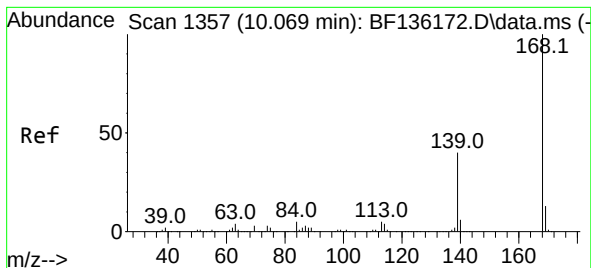
Ion Ratio Lower Upper

184 100

63 64.9 59.1 88.7

154 70.5 58.2 87.2





#55

Dibenzofuran

Concen: 53.094 ng

RT: 10.051 min Scan# 1354

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

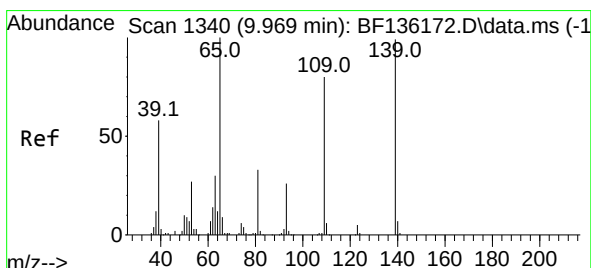
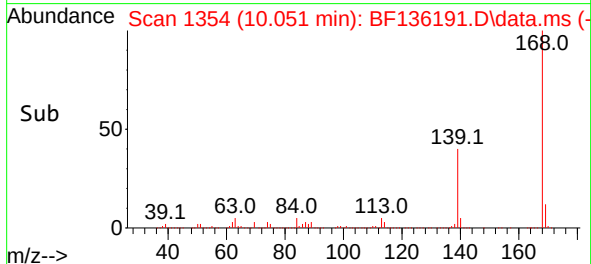
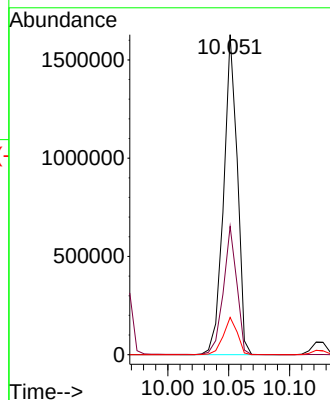
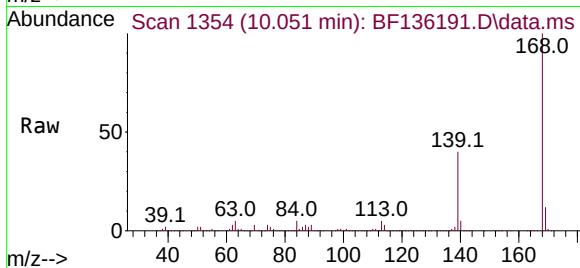
Tgt Ion:168 Resp: 1273547

Ion Ratio Lower Upper

168 100

139 40.1 31.9 47.9

169 11.6 10.6 16.0



#56

4-Nitrophenol

Concen: 110.039 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.012 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

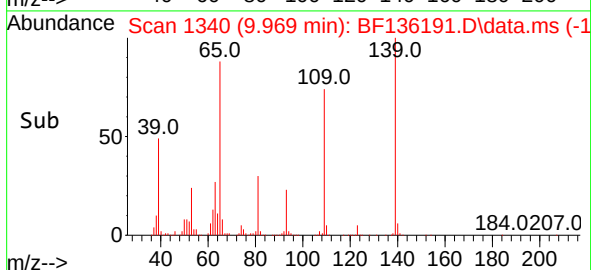
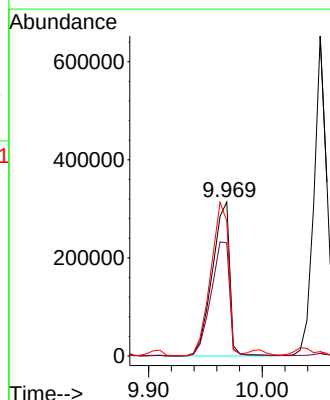
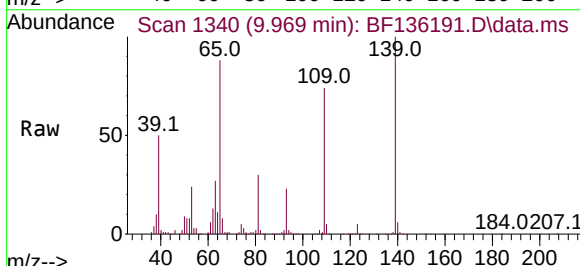
Tgt Ion:139 Resp: 334427

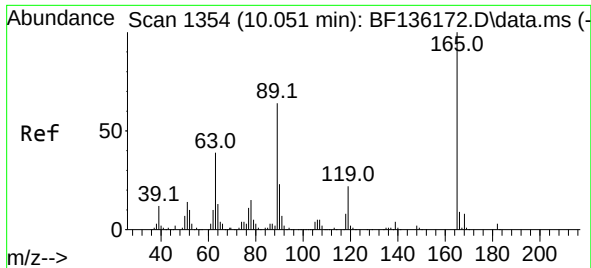
Ion Ratio Lower Upper

139 100

109 73.5 60.9 100.9

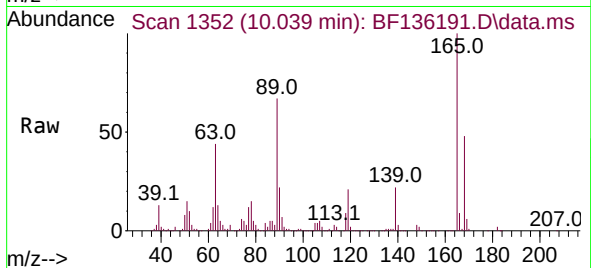
65 87.7 81.6 121.6



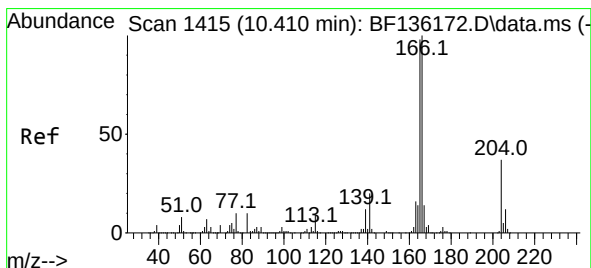
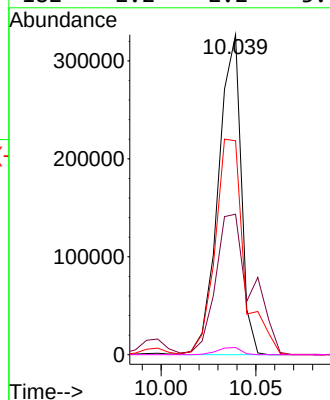
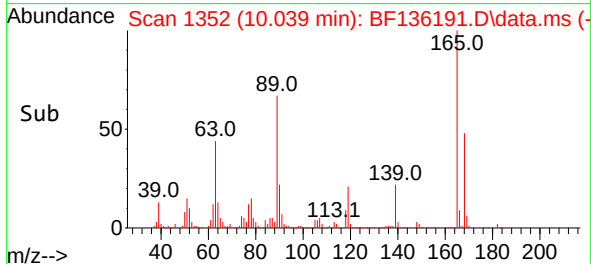


#57
2,4-Dinitrotoluene
Concen: 50.114 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

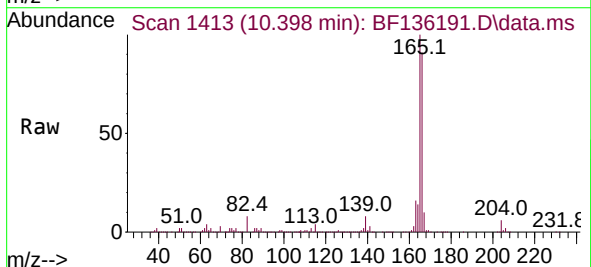
Instrument :
BNA_F
ClientSampleId :



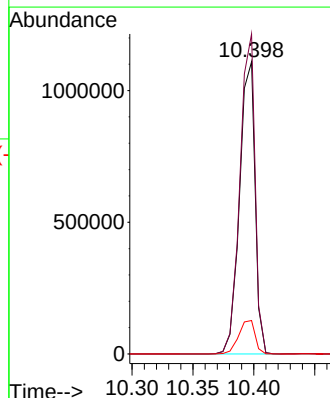
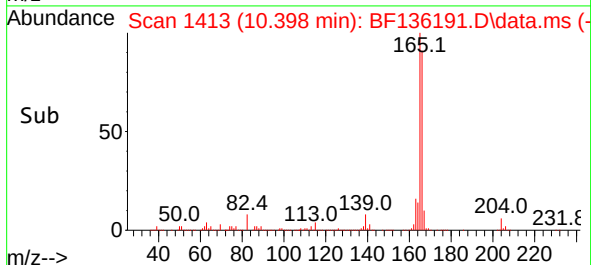
Tgt Ion:165 Resp: 273018
Ion Ratio Lower Upper
165 100
63 43.9 31.4 47.0
89 66.8 51.6 77.4
182 2.2 2.2 3.4#

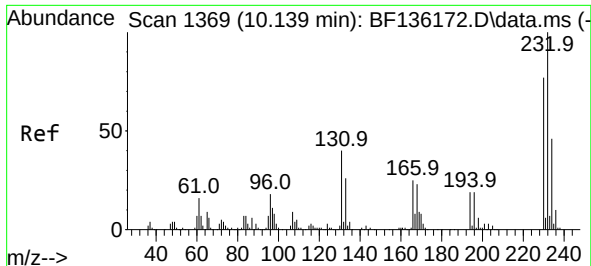


#58
Fluorene
Concen: 54.024 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20



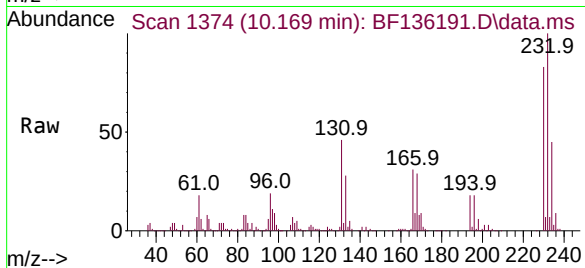
Tgt Ion:166 Resp: 983516
Ion Ratio Lower Upper
166 100
165 109.6 78.8 118.2
167 11.5 10.9 16.3



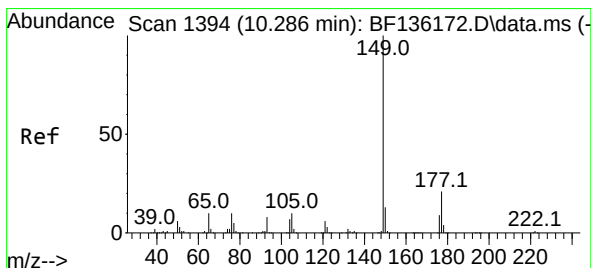
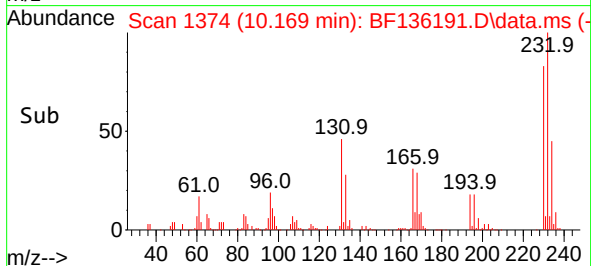
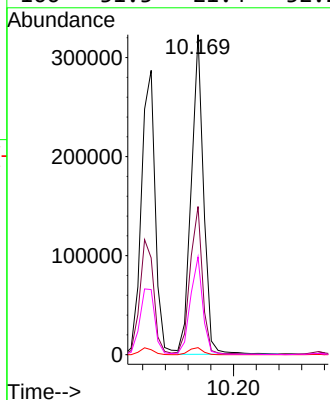


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.734 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :

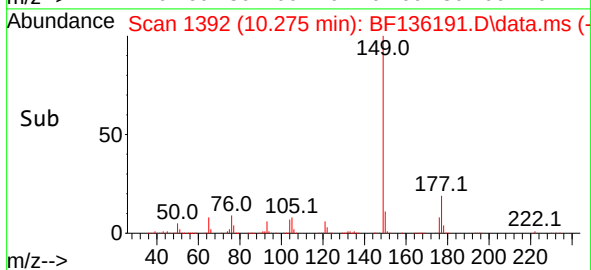
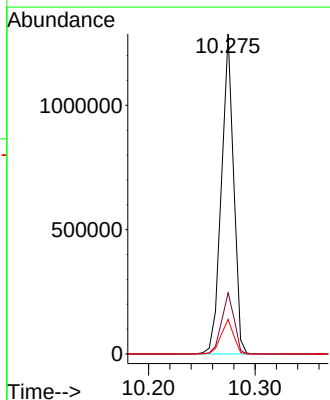
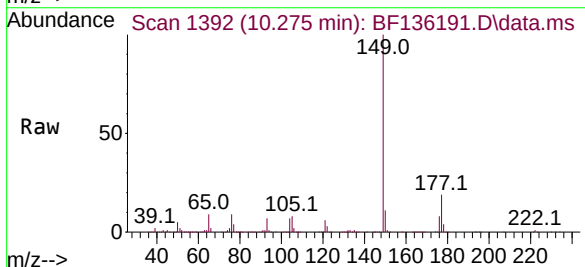


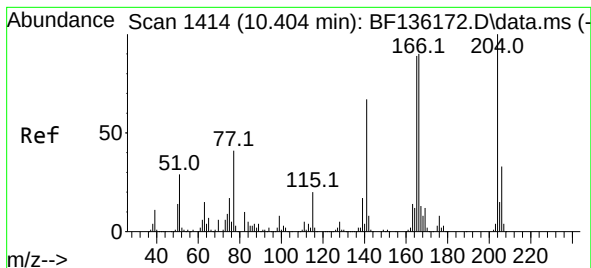
Tgt Ion:232 Resp: 243213
Ion Ratio Lower Upper
232 100
131 47.3 34.6 52.0
130 2.5 1.9 2.9
166 31.3 21.4 32.2



#60
Diethylphthalate
Concen: 51.624 ng
RT: 10.275 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:149 Resp: 1023785
Ion Ratio Lower Upper
149 100
177 19.1 17.2 25.8
150 10.8 10.3 15.5

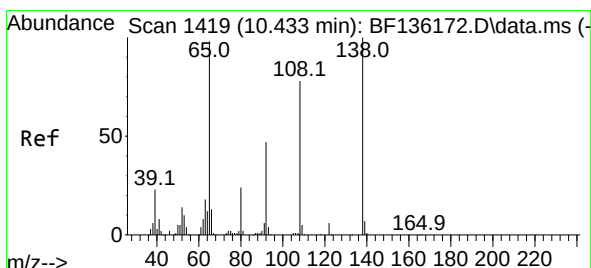
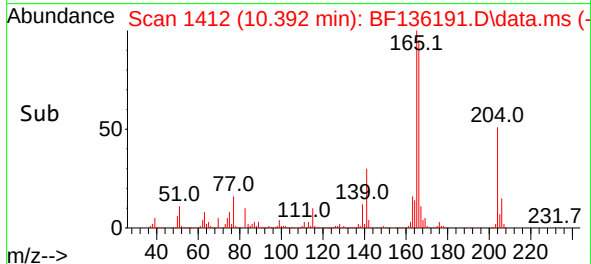
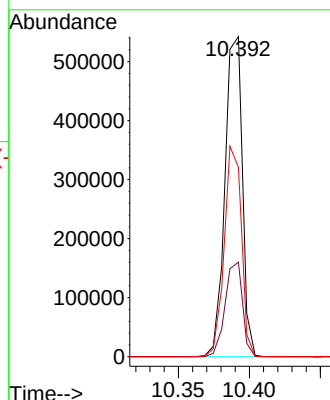
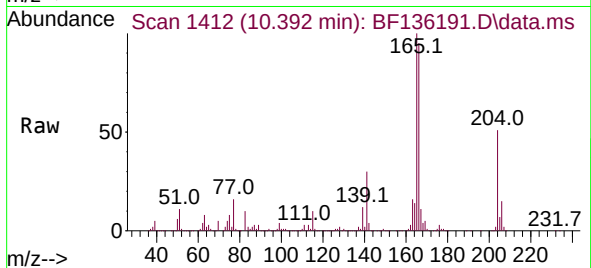




#61
4-Chlorophenyl-phenylether
Concen: 49.979 ng
RT: 10.392 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

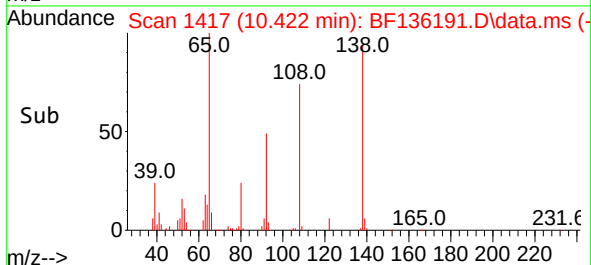
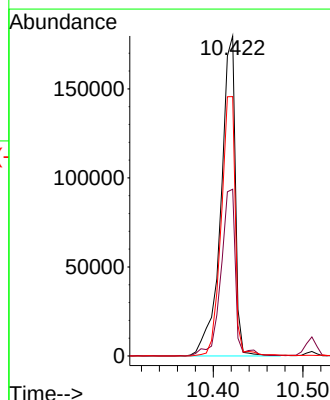
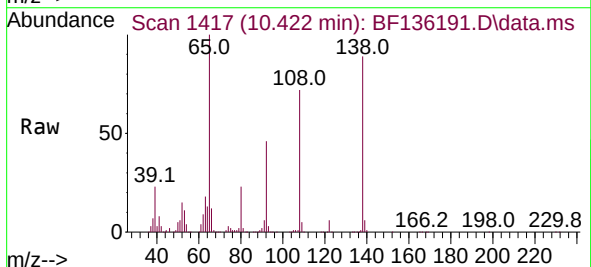
Instrument :
BNA_F
ClientSampleId :

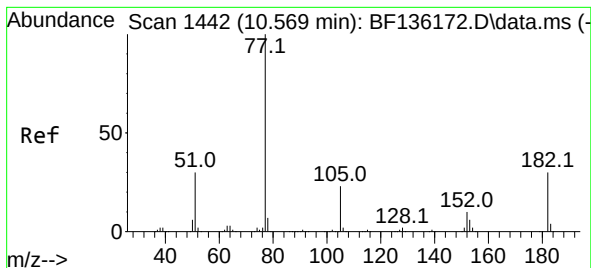
Tgt Ion:204 Resp: 462533
Ion Ratio Lower Upper
204 100
206 29.6 26.1 39.1
141 59.2 53.9 80.9



#62
4-Nitroaniline
Concen: 48.309 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:138 Resp: 201360
Ion Ratio Lower Upper
138 100
92 52.1 26.6 66.6
108 81.1 58.0 98.0





#63

Azobenzene

Concen: 55.181 ng

RT: 10.551 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 957480

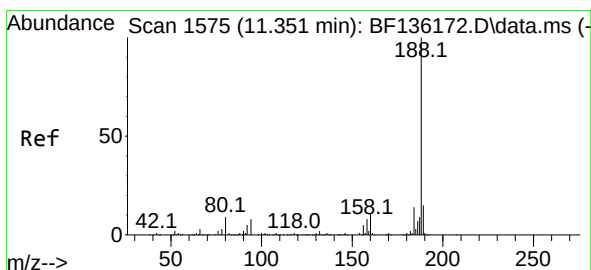
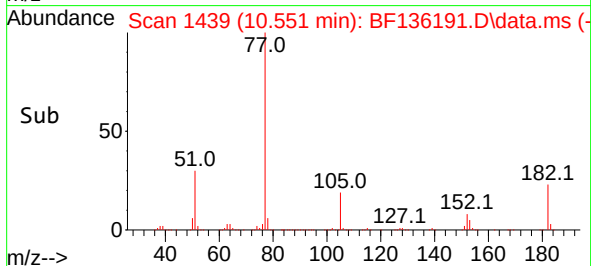
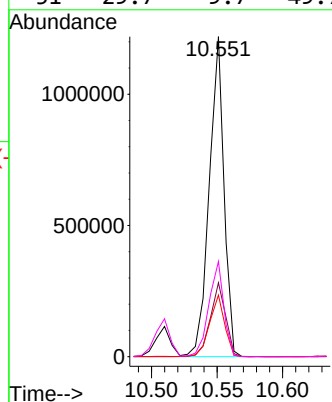
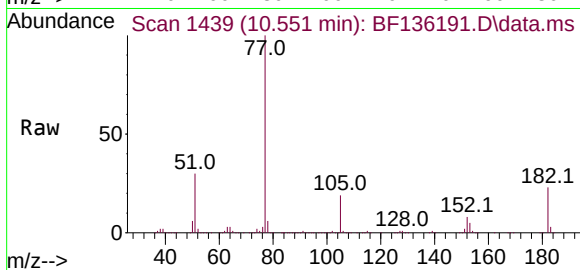
Ion Ratio Lower Upper

77 100

182 23.1 10.3 50.3

105 19.3 2.6 42.6

51 29.7 9.7 49.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

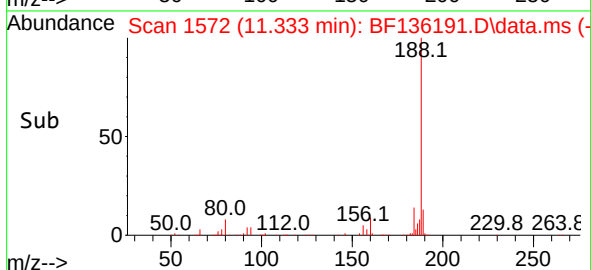
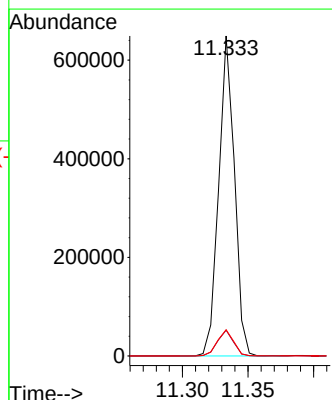
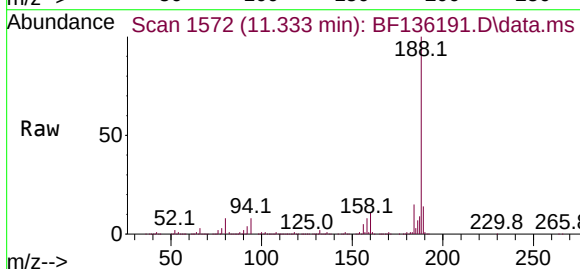
Tgt Ion: 188 Resp: 541105

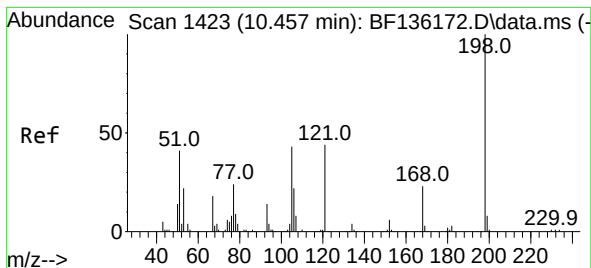
Ion Ratio Lower Upper

188 100

94 8.0 6.6 9.8

80 8.2 7.3 10.9

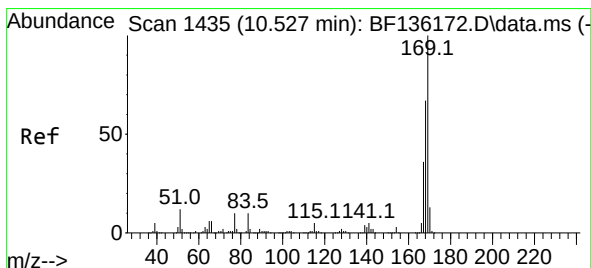
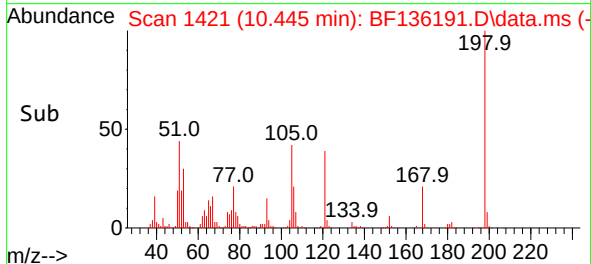
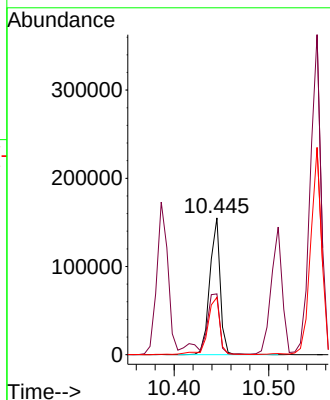
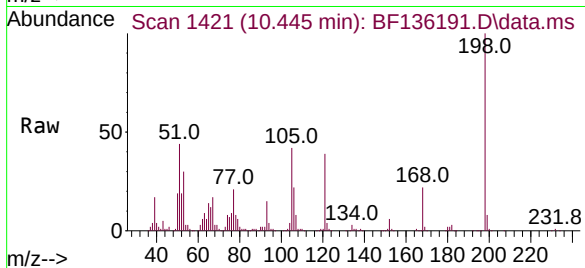




#65
4,6-Dinitro-2-methylphenol
Concen: 38.815 ng
RT: 10.445 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

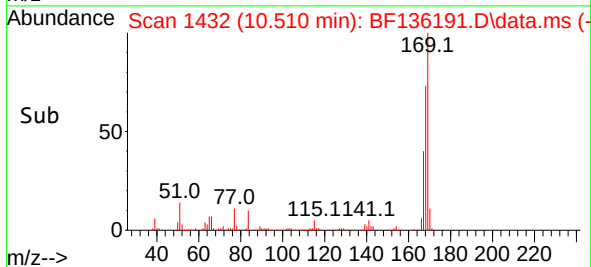
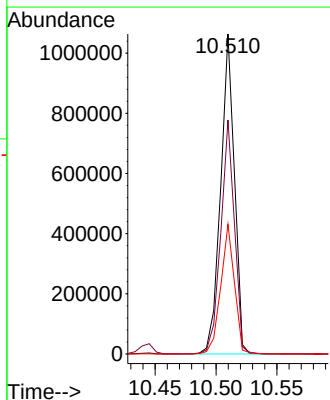
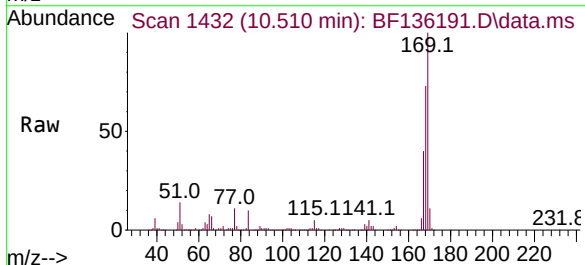
Instrument :
BNA_F
ClientSampleId :

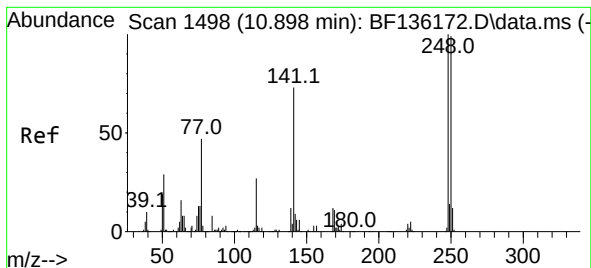
Tgt Ion:198 Resp: 117780
Ion Ratio Lower Upper
198 100
51 44.5 27.3 67.3
105 41.8 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 48.925 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:169 Resp: 839897
Ion Ratio Lower Upper
169 100
168 73.1 53.9 80.9
167 40.5 28.9 43.3

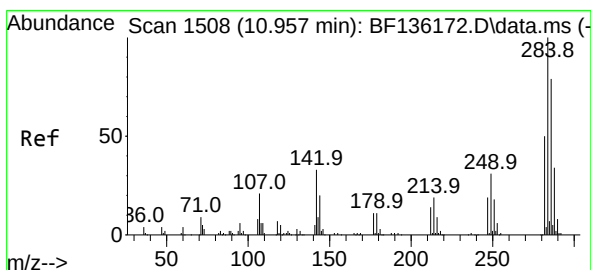
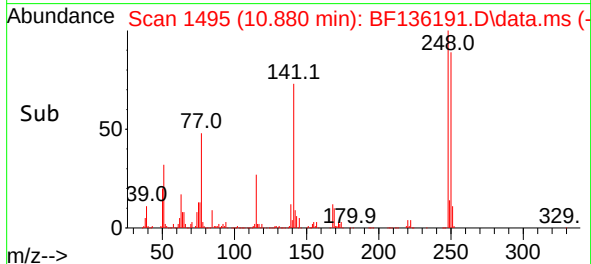
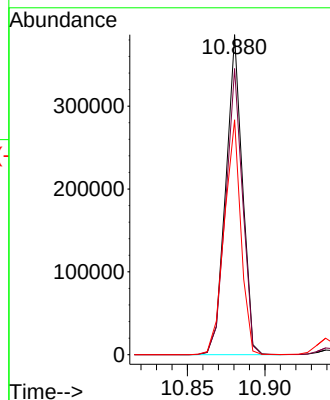
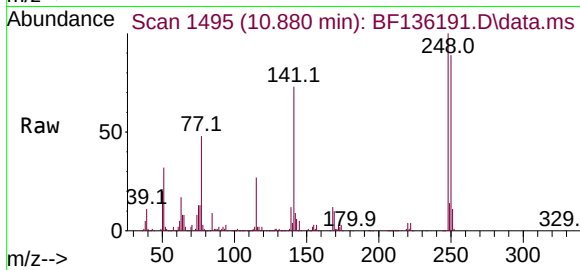




#67
4-Bromophenyl-phenylether
Concen: 47.867 ng
RT: 10.880 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

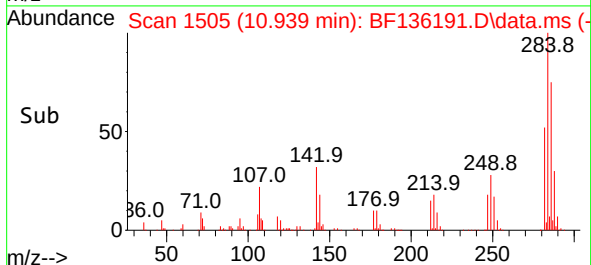
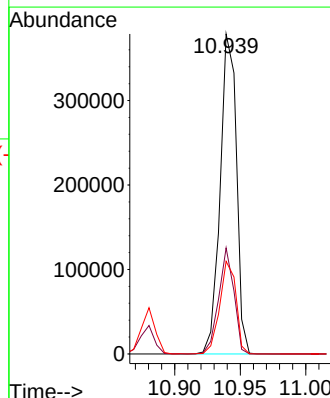
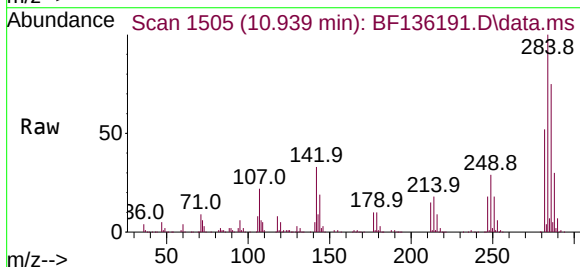
Instrument :
BNA_F
ClientSampleId :

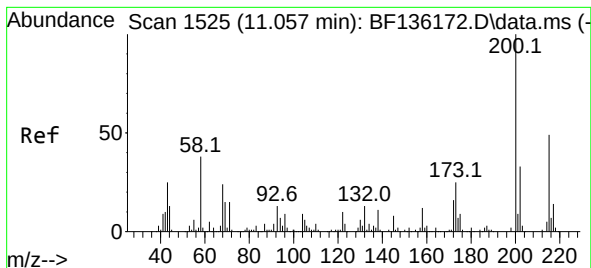
Tgt Ion:248 Resp: 288469
Ion Ratio Lower Upper
248 100
250 89.4 79.0 118.4
141 73.4 58.8 88.2



#68
Hexachlorobenzene
Concen: 51.050 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:284 Resp: 326622
Ion Ratio Lower Upper
284 100
142 33.1 26.6 39.8
249 28.9 24.6 37.0





#69

Atrazine

Concen: 61.827 ng

RT: 11.039 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

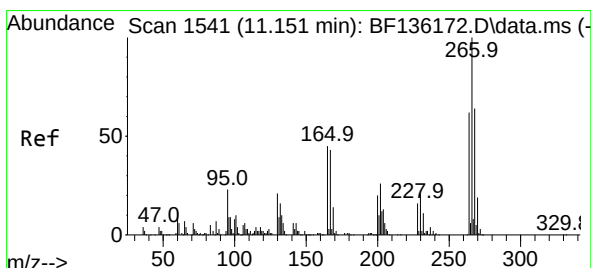
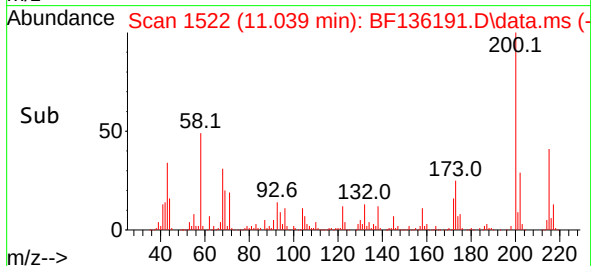
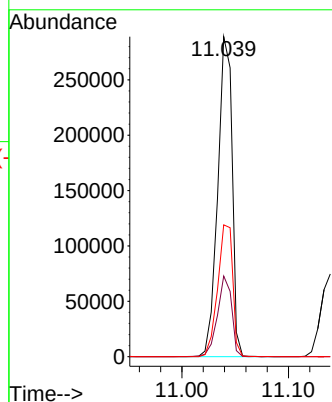
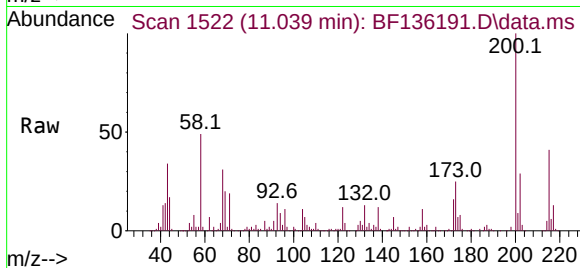
Tgt Ion:200 Resp: 268886

Ion Ratio Lower Upper

200 100

173 25.2 4.9 44.9

215 41.2 28.9 68.9



#70

Pentachlorophenol

Concen: 98.193 ng

RT: 11.139 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

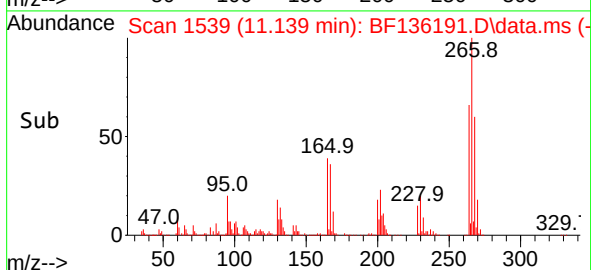
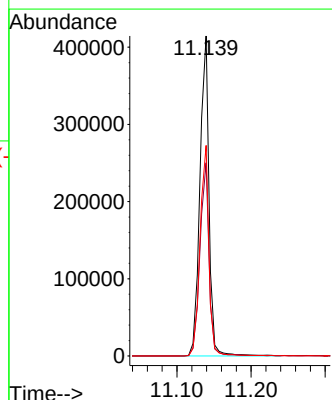
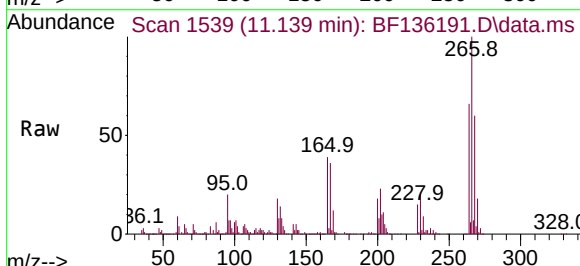
Tgt Ion:266 Resp: 351374

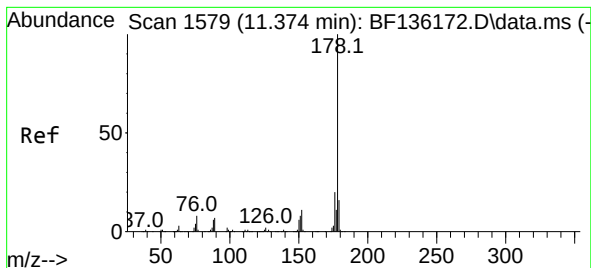
Ion Ratio Lower Upper

266 100

268 60.4 50.8 76.2

264 65.8 50.0 75.0





#71

Phenanthrene

Concen: 53.299 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.047 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

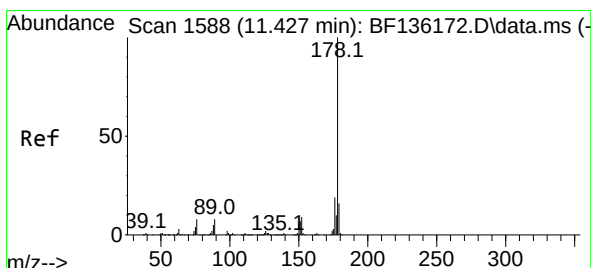
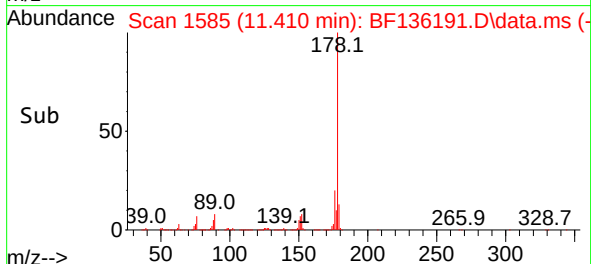
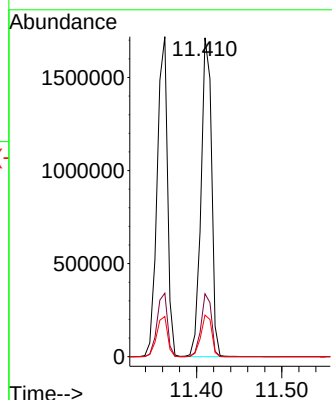
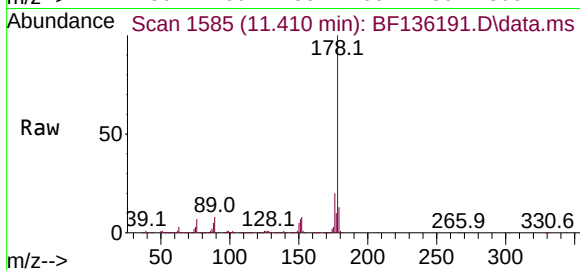
Tgt Ion:178 Resp: 1476874

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

179 13.1 12.7 19.1



#72

Anthracene

Concen: 52.215 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

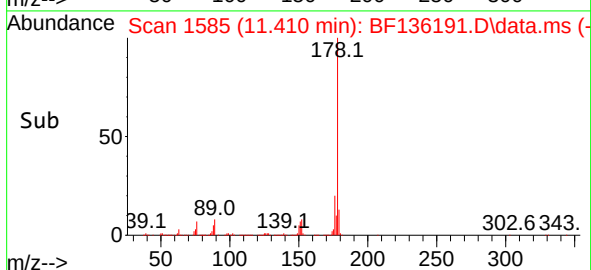
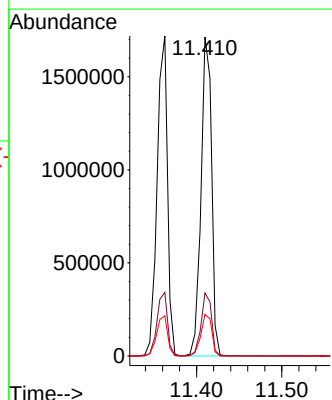
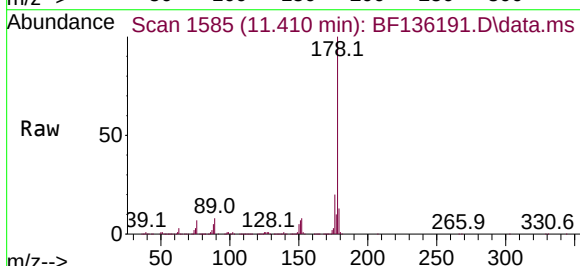
Tgt Ion:178 Resp: 1476874

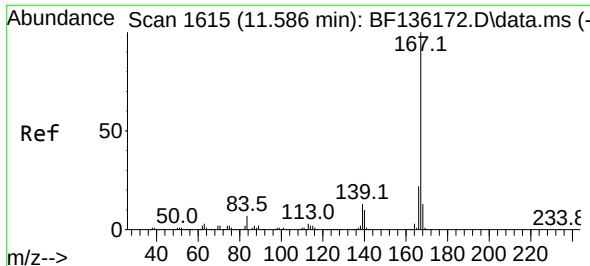
Ion Ratio Lower Upper

178 100

176 19.7 15.0 22.4

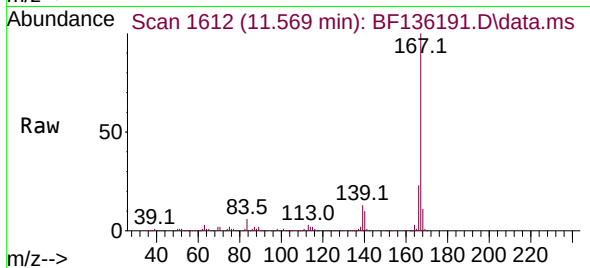
179 13.1 12.6 18.8





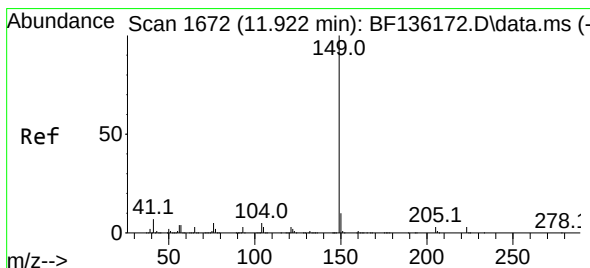
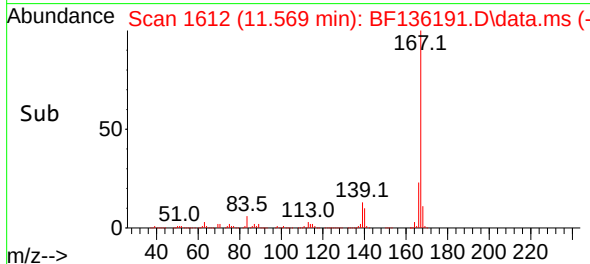
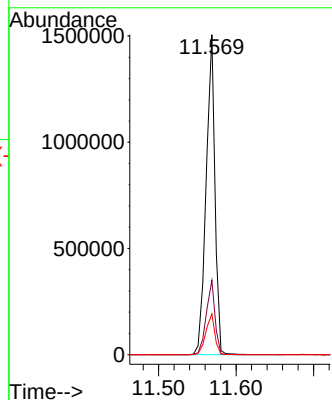
#73
 Carbazole
 Concen: 52.545 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF136191.D
 Acq: 24 Nov 2023 21:20

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:167 Resp: 1190898

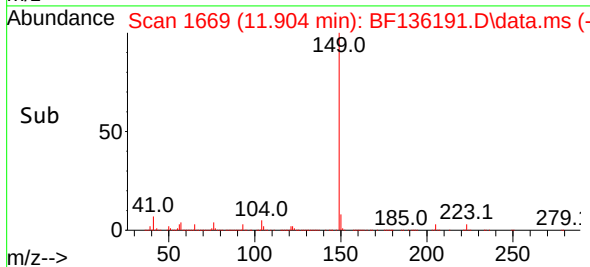
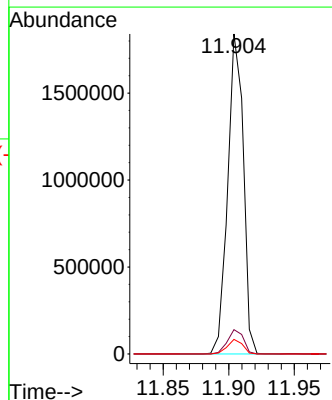
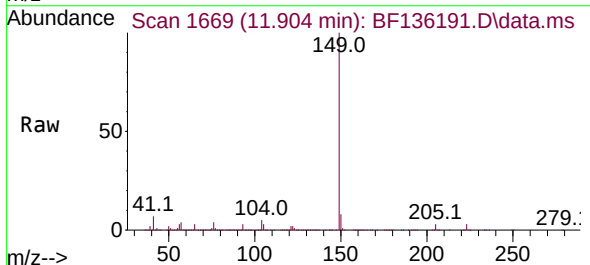
Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.3	25.9
139	12.8	10.7	16.1

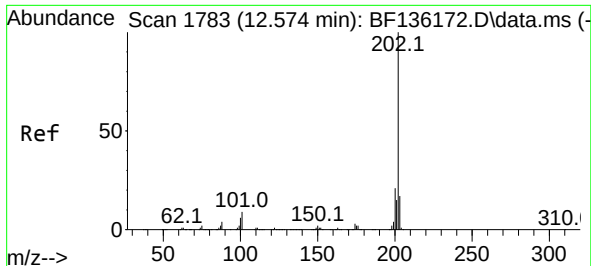


#74
 Di-n-butylphthalate
 Concen: 56.677 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136191.D
 Acq: 24 Nov 2023 21:20

Tgt Ion:149 Resp: 1519639

Ion	Ratio	Lower	Upper
149	100		
150	7.6	7.7	11.5#
104	4.6	4.2	6.2

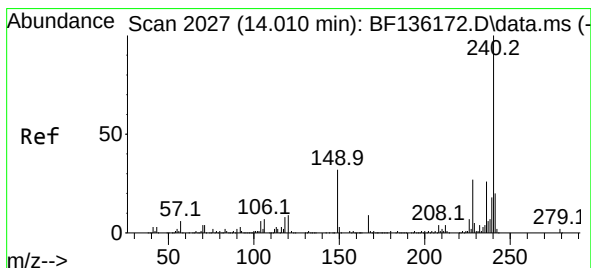
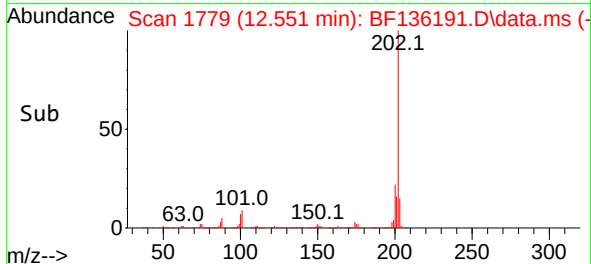
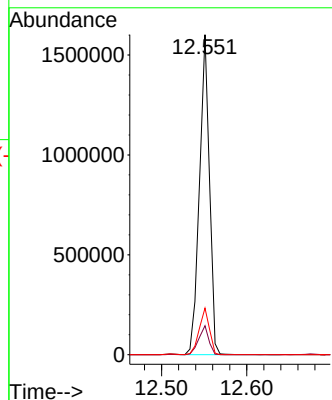
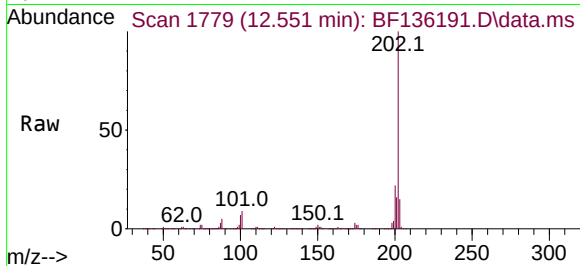




#75
Fluoranthene
Concen: 51.608 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

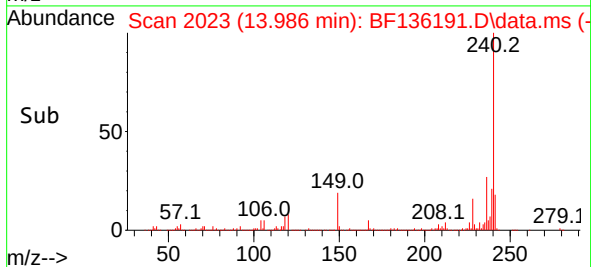
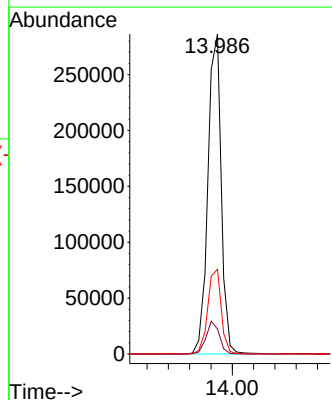
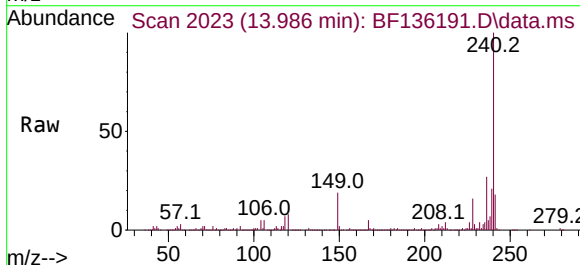
Instrument :
BNA_F
ClientSampleId :

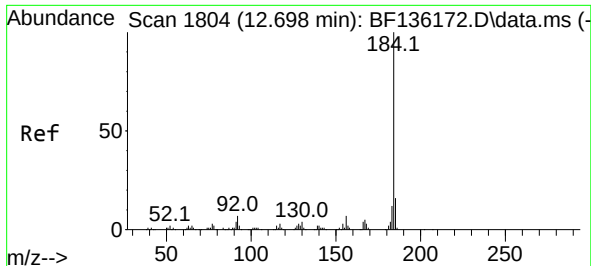
Tgt Ion:202 Resp: 1305921
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.6
203 14.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:240 Resp: 249168
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 26.5 20.9 31.3

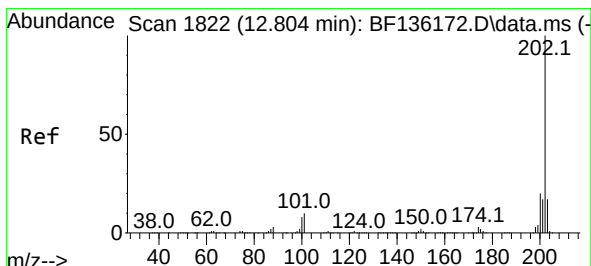
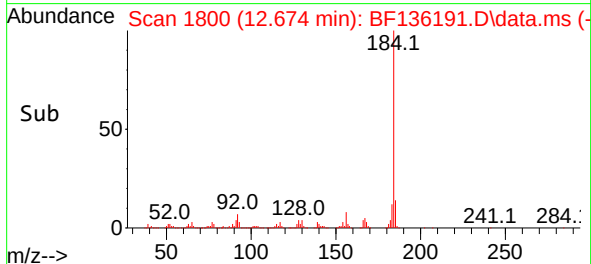
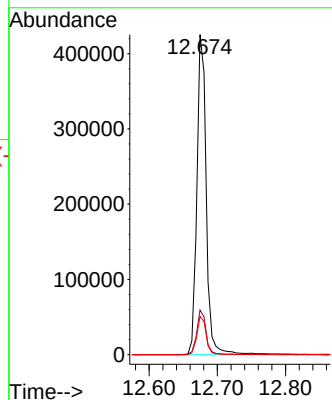
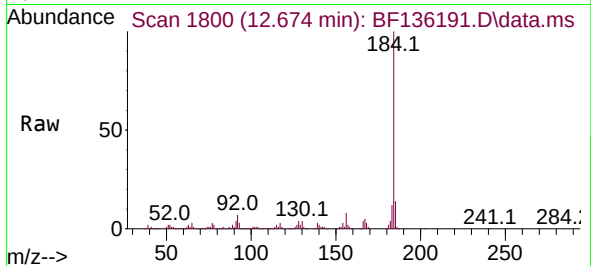




#77
Benzidine
Concen: 93.395 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

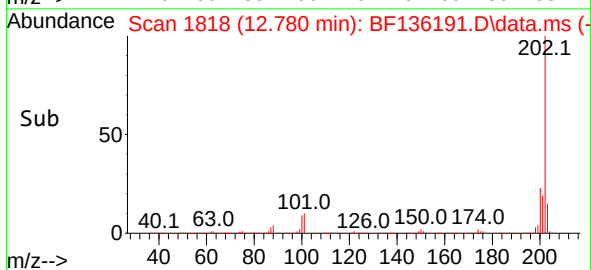
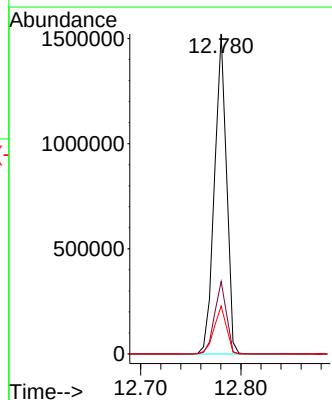
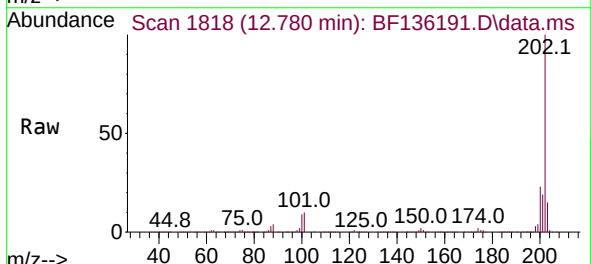
Instrument :
BNA_F
ClientSampleId :

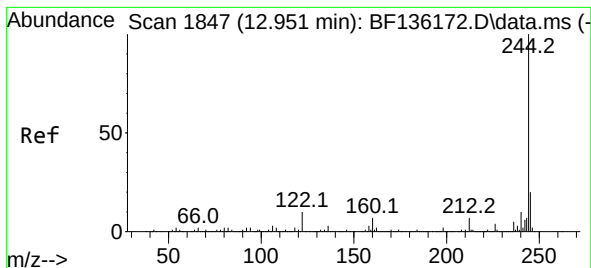
Tgt Ion:184 Resp: 402954
Ion Ratio Lower Upper
184 100
185 13.9 12.6 18.8
183 12.0 9.2 13.8



#78
Pyrene
Concen: 54.579 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:202 Resp: 1271699
Ion Ratio Lower Upper
202 100
200 22.6 16.2 24.2
203 14.9 13.6 20.4





#79

Terphenyl-d14

Concen: 85.546 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

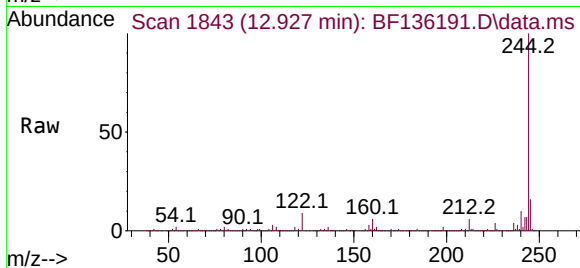
Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :



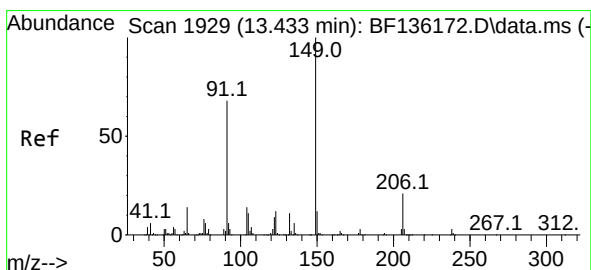
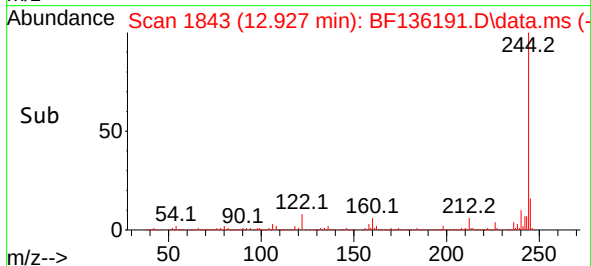
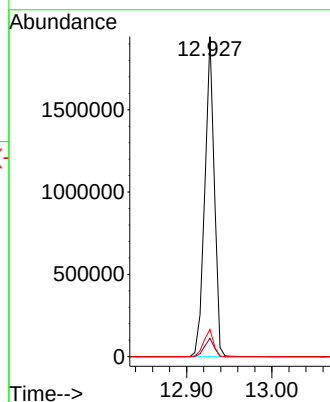
Tgt Ion:244 Resp: 1501629

Ion Ratio Lower Upper

244 100

212 5.8 5.4 8.0

122 8.5 8.1 12.1



#80

Butylbenzylphthalate

Concen: 54.444 ng

RT: 13.410 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

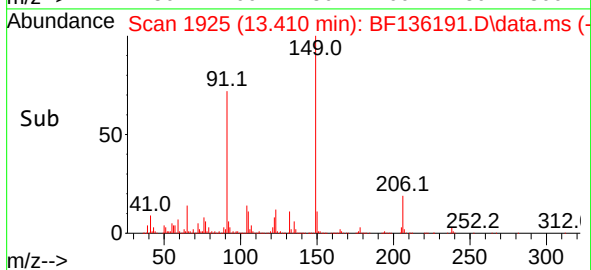
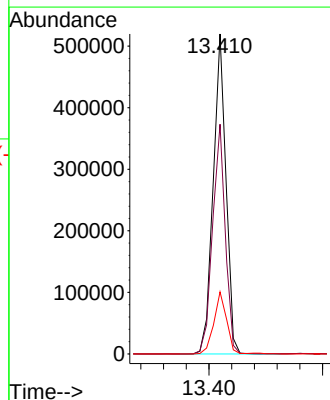
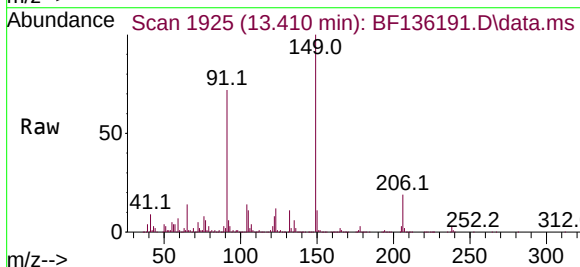
Tgt Ion:149 Resp: 404222

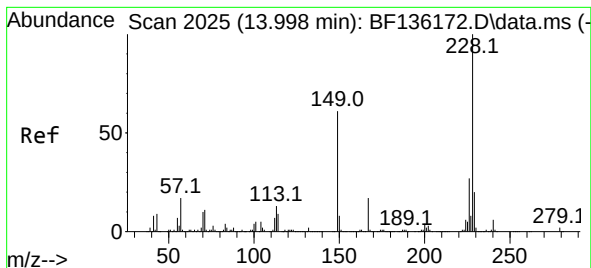
Ion Ratio Lower Upper

149 100

91 71.8 54.2 81.2

206 19.4 16.6 25.0





#81

Benzo(a)anthracene

Concen: 52.828 ng

RT: 13.974 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

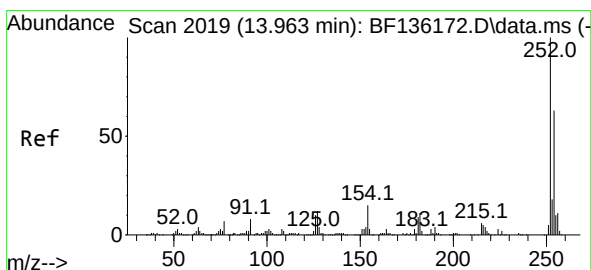
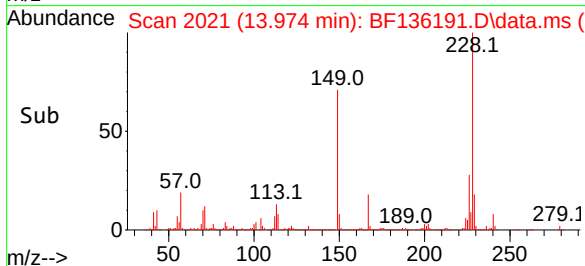
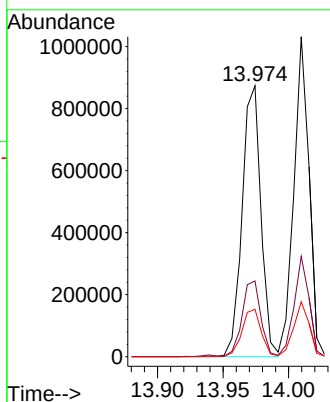
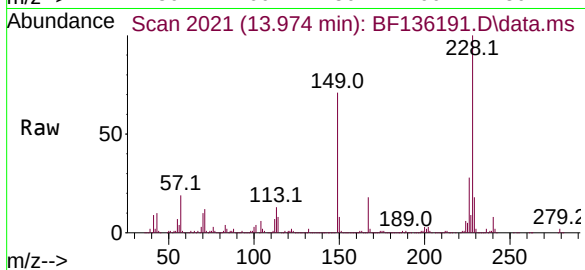
Tgt Ion:228 Resp: 873095

Ion Ratio Lower Upper

228 100

226 28.0 21.3 31.9

229 17.5 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 47.035 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

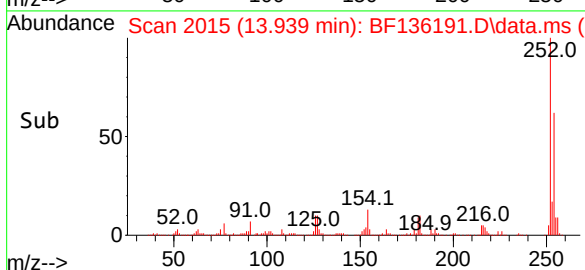
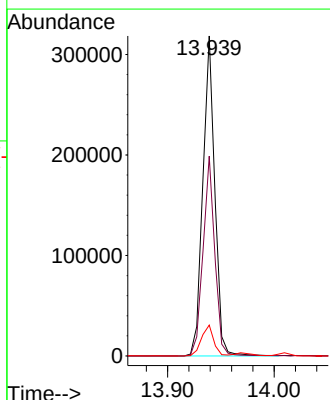
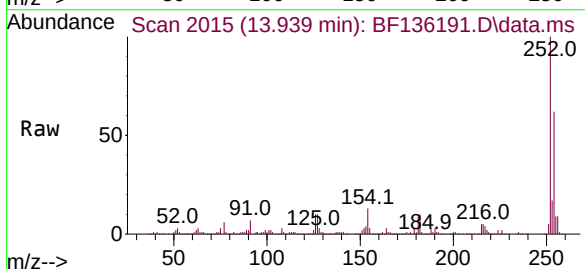
Tgt Ion:252 Resp: 249548

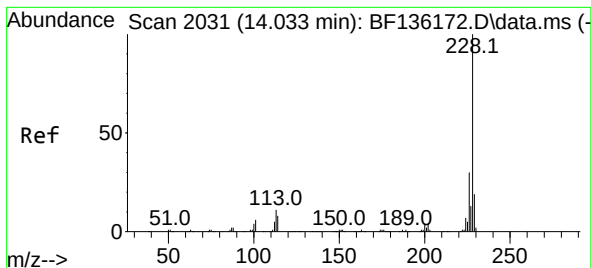
Ion Ratio Lower Upper

252 100

254 62.5 50.7 76.1

126 9.6 8.2 12.2





#83

Chrysene

Concen: 51.415 ng

RT: 14.010 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

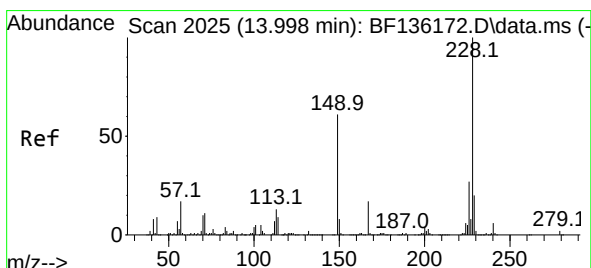
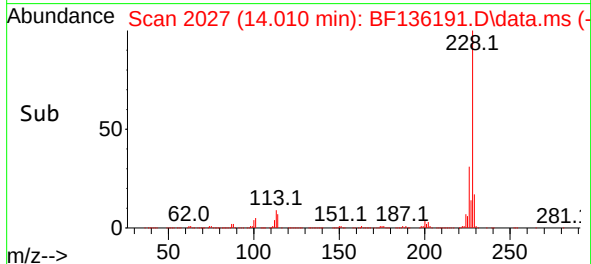
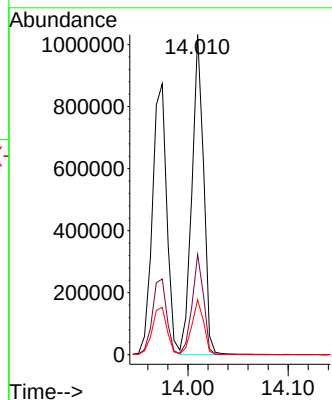
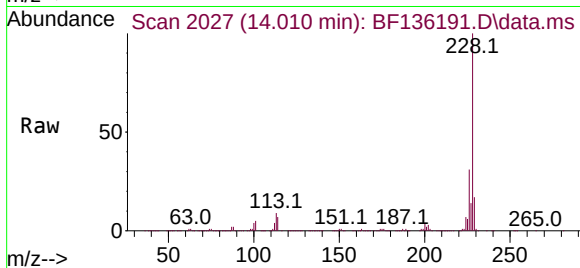
Tgt Ion:228 Resp: 831316

Ion Ratio Lower Upper

228 100

226 31.3 23.8 35.6

229 17.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.097 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

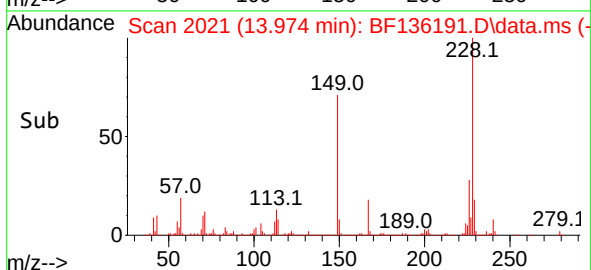
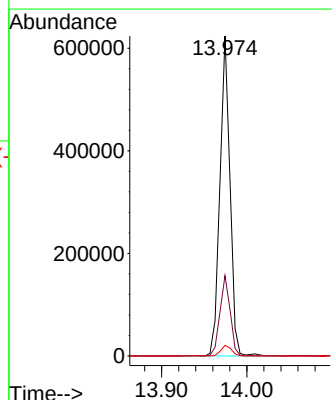
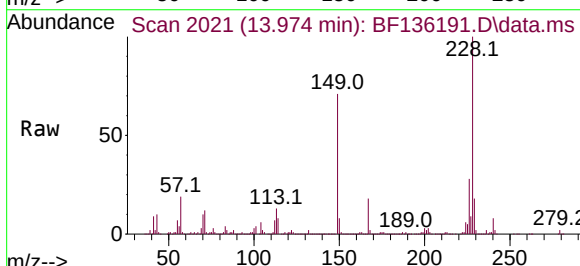
Tgt Ion:149 Resp: 511667

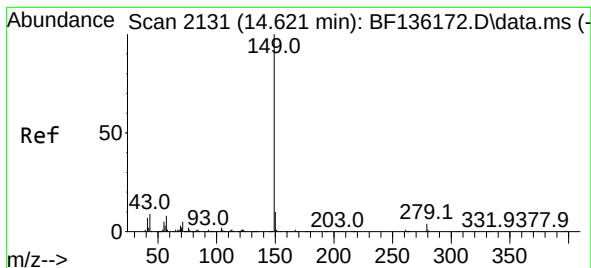
Ion Ratio Lower Upper

149 100

167 25.1 21.8 32.8

279 3.3 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 57.388 ng

RT: 14.592 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

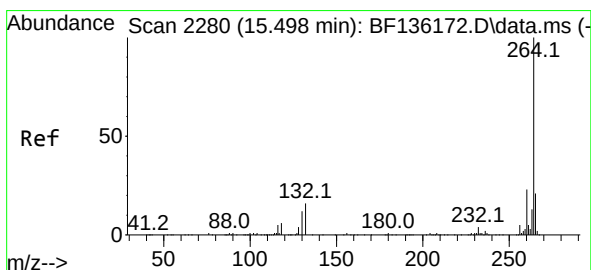
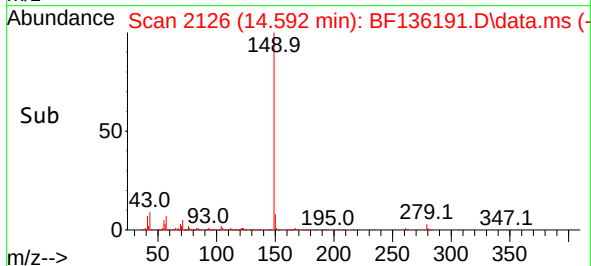
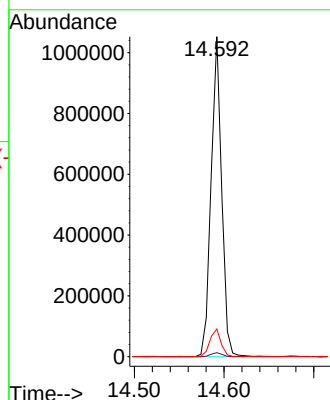
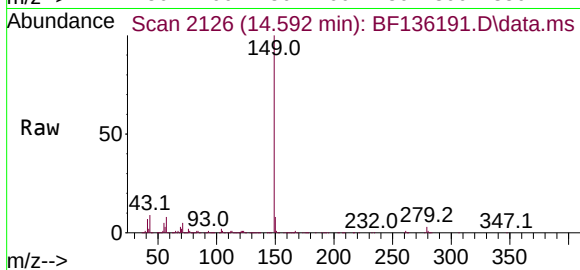
Tgt Ion:149 Resp: 861044

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 9.0 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

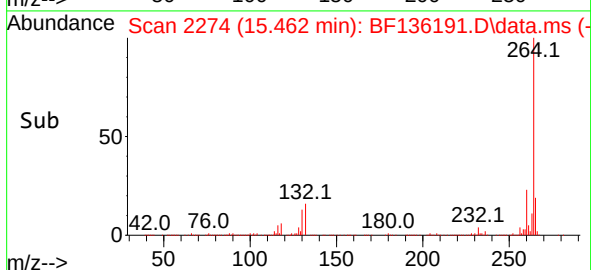
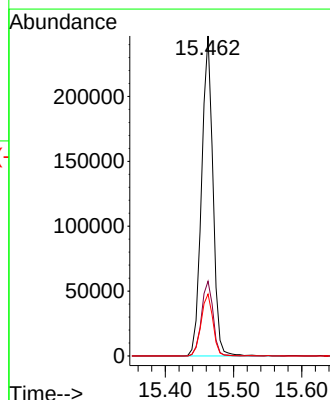
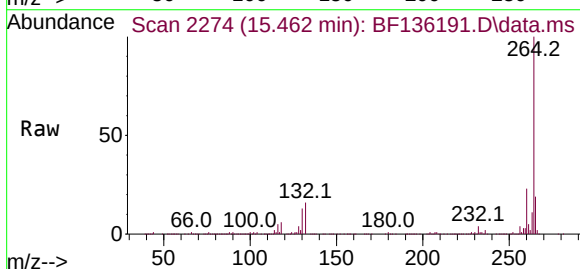
Tgt Ion:264 Resp: 285623

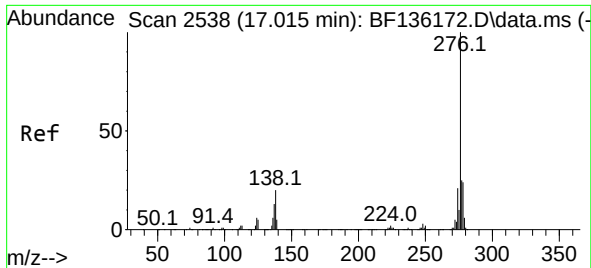
Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 19.4 16.9 25.3

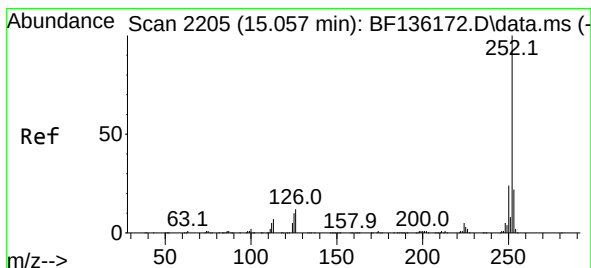
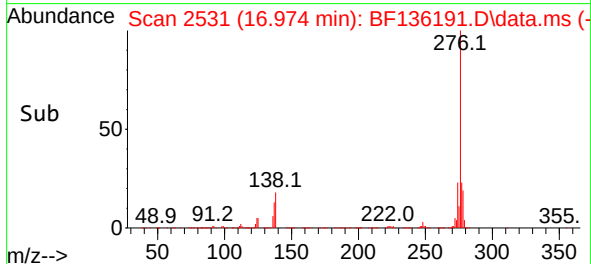
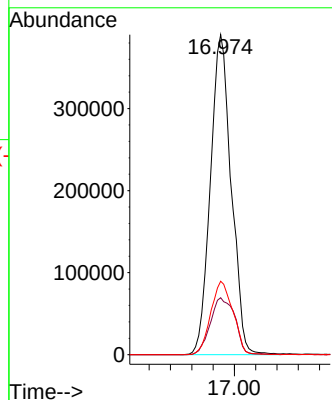
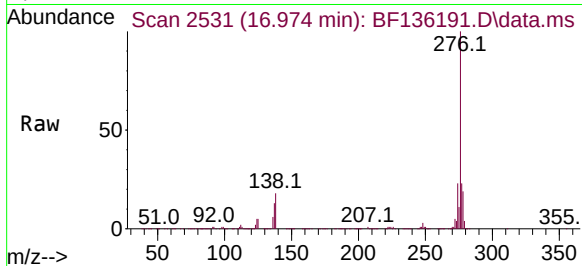




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.671 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

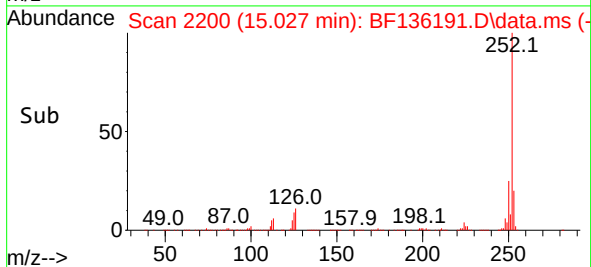
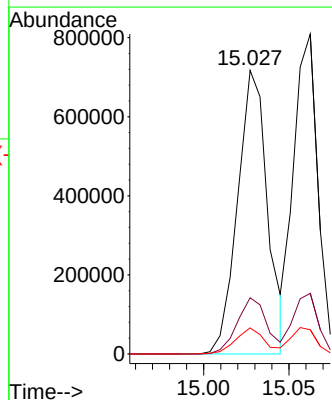
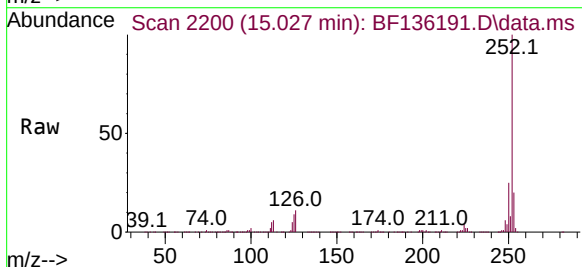
Instrument :
BNA_F
ClientSampleId :

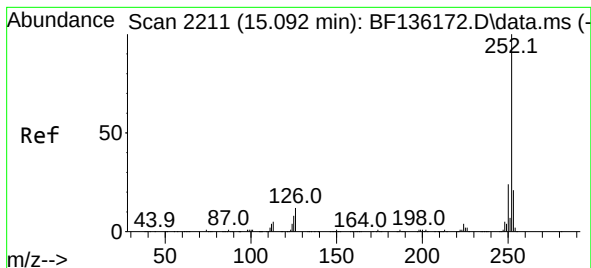
Tgt Ion:276 Resp: 1060421
Ion Ratio Lower Upper
276 100
138 21.1 17.7 26.5
277 24.5 20.6 31.0



#88
Benzo(b)fluoranthene
Concen: 55.612 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:252 Resp: 876962
Ion Ratio Lower Upper
252 100
253 19.8 17.6 26.4
125 9.2 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 50.932 ng

RT: 15.063 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

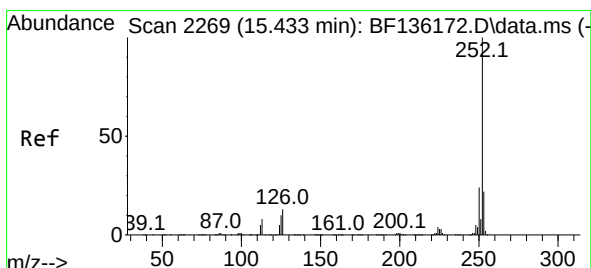
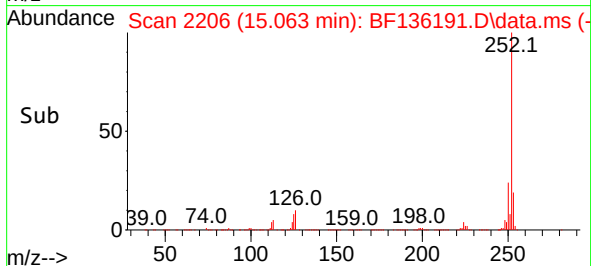
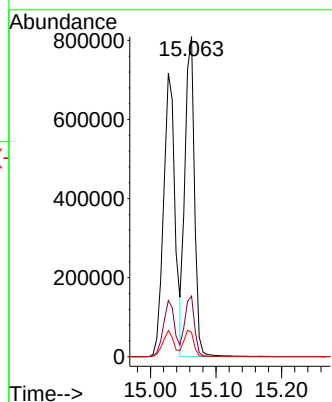
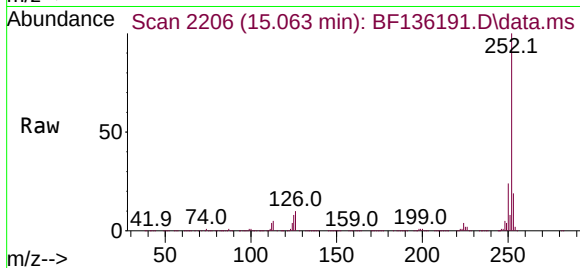
Tgt Ion:252 Resp: 808796

Ion Ratio Lower Upper

252 100

253 19.0 17.3 25.9

125 7.5 6.7 10.1



#90

Benzo(a)pyrene

Concen: 49.017 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

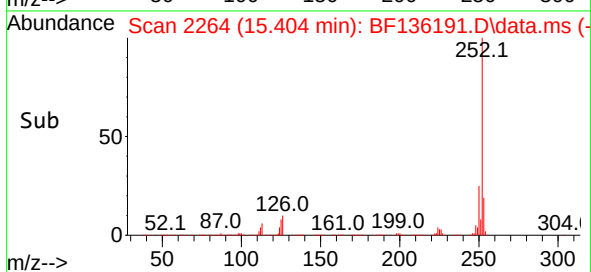
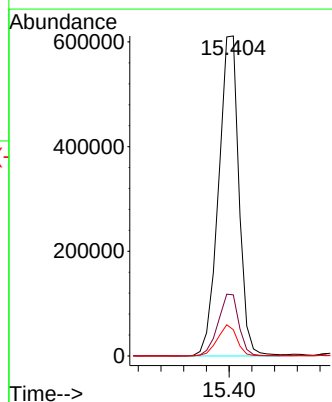
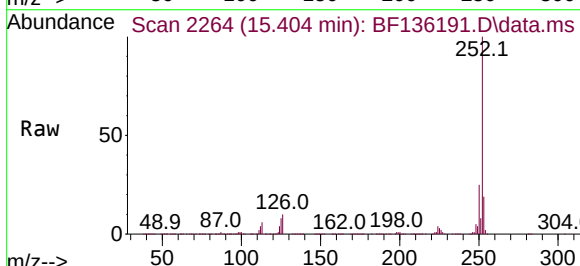
Tgt Ion:252 Resp: 762390

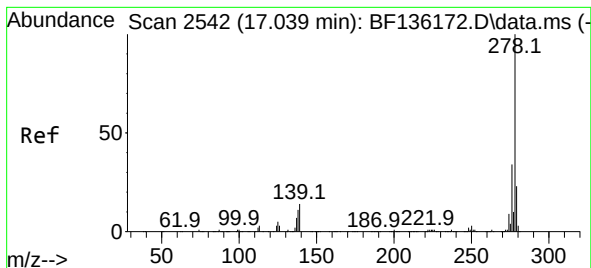
Ion Ratio Lower Upper

252 100

253 19.1 17.3 25.9

125 8.2 7.7 11.5





#91

Dibenzo(a,h)anthracene

Concen: 49.252 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

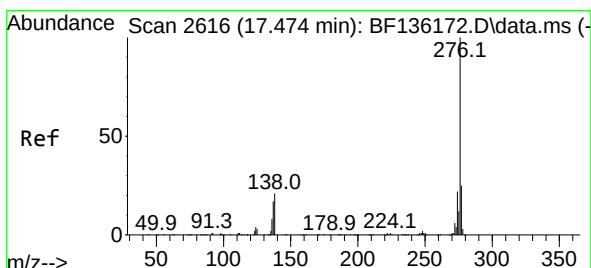
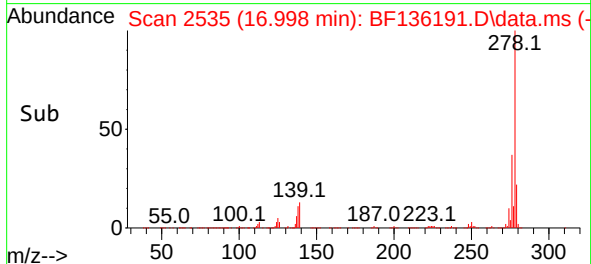
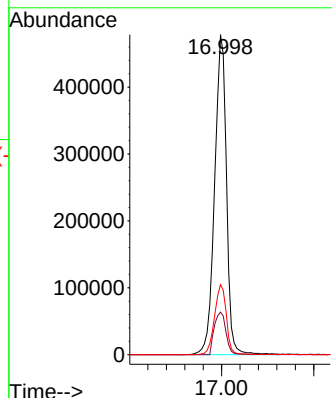
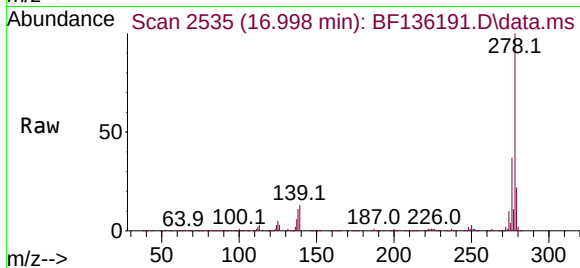
Tgt Ion:278 Resp: 854219

Ion Ratio Lower Upper

278 100

139 13.3 11.2 16.8

279 21.9 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 47.083 ng

RT: 17.433 min Scan# 2609

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Tgt Ion:276 Resp: 827911

Ion Ratio Lower Upper

276 100

277 21.7 19.8 29.6

138 19.4 16.4 24.6

