

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136309.D
 Acq On : 30 Nov 2023 12:39
 Operator : CG\JU
 Sample : PB157208BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 30 12:58:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	149665	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	667172	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	343836	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	637253	20.000	ng	0.00
76) Chrysene-d12	13.992	240	289634	20.000	ng	0.00
86) Perylene-d12	15.468	264	269593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1237941	115.126	ng	0.02
7) Phenol-d6	6.451	99	1533373	114.047	ng	0.00
23) Nitrobenzene-d5	7.369	82	937884	74.285	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	503637	119.809	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1963132	72.928	ng	0.00
79) Terphenyl-d14	12.933	244	2022669	80.554	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	125878	30.939	ng	97
3) Pyridine	3.446	79	316640	31.527	ng	100
4) n-Nitrosodimethylamine	3.416	42	183557	36.156	ng	88
6) Aniline	6.475	93	404940	31.865	ng	94
8) 2-Chlorophenol	6.593	128	482652	41.223	ng	95
9) Benzaldehyde	6.357	77	23486	3.134	ng	94
10) Phenol	6.463	94	578375	40.097	ng	98
11) bis(2-Chloroethyl)ether	6.551	93	431012	40.731	ng	94
12) 1,3-Dichlorobenzene	6.745	146	495691	37.306	ng	98
13) 1,4-Dichlorobenzene	6.822	146	508950	37.679	ng	97
14) 1,2-Dichlorobenzene	6.975	146	483638	37.821	ng	98
15) Benzyl Alcohol	6.951	79	386674	41.019	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	582951	39.661	ng	98
17) 2-Methylphenol	7.063	107	382470	41.551	ng	100
18) Hexachloroethane	7.316	117	178199	37.612	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	321649	39.999	ng	95
20) 3+4-Methylphenols	7.216	107	479111	40.050	ng	91
22) Acetophenone	7.216	105	674962	38.521	ng	# 98
24) Nitrobenzene	7.387	77	474603	37.094	ng	98
25) Isophorone	7.628	82	896120	39.363	ng	97
26) 2-Nitrophenol	7.704	139	242503	44.485	ng	94
27) 2,4-Dimethylphenol	7.745	122	381752	53.204	ng	96
28) bis(2-Chloroethoxy)met...	7.840	93	545028	39.580	ng	99
29) 2,4-Dichlorophenol	7.945	162	402420	41.581	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	447234	37.744	ng	99
31) Naphthalene	8.110	128	1443090	38.482	ng	99
32) Benzoic acid	7.881	122	296991	45.416	ng	97
33) 4-Chloroaniline	8.157	127	313834	24.620	ng	97
34) Hexachlorobutadiene	8.222	225	250197	36.092	ng	99
35) Caprolactam	8.539	113	73693	27.238	ng	99
36) 4-Chloro-3-methylphenol	8.645	107	432196	41.175	ng	97
37) 2-Methylnaphthalene	8.798	142	911434	38.746	ng	100
38) 1-Methylnaphthalene	8.898	142	867075	37.785	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	433192	39.588	ng	98
41) Hexachlorocyclopentadiene	8.951	237	432133	102.631	ng	97
43) 2,4,6-Trichlorophenol	9.081	196	294462	41.459	ng	93

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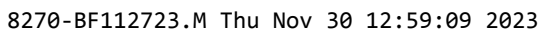
Instrument :
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 ClientSampleId :

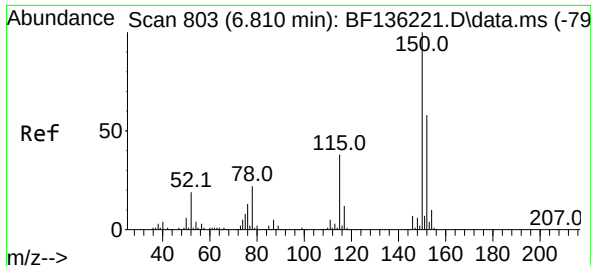
Quant Time: Nov 30 12:58:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	309551	39.937	ng	99
46) 1,1'-Biphenyl	9.269	154	1193138	39.350	ng	99
47) 2-Chloronaphthalene	9.292	162	905434	38.452	ng	98
48) 2-Nitroaniline	9.386	65	259119	42.149	ng	94
49) Acenaphthylene	9.704	152	1409174	41.936	ng	100
50) Dimethylphthalate	9.575	163	1055778	40.626	ng	99
51) 2,6-Dinitrotoluene	9.633	165	217553	40.977	ng	98
52) Acenaphthene	9.881	154	839908	39.552	ng	99
53) 3-Nitroaniline	9.804	138	176787	33.559	ng	90
54) 2,4-Dinitrophenol	9.910	184	235796	95.495	ng	97
55) Dibenzofuran	10.051	168	1260516	39.891	ng	99
56) 4-Nitrophenol	9.969	139	333779	83.425	ng	93
57) 2,4-Dinitrotoluene	10.039	165	298579	42.102	ng	93
58) Fluorene	10.398	166	968316	39.067	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	262055	42.493	ng	98
60) Diethylphthalate	10.275	149	1039162	39.974	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	466413	38.749	ng	94
62) 4-Nitroaniline	10.422	138	200431	38.870	ng	96
63) Azobenzene	10.551	77	946520	39.274	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	153367	44.010	ng	81
66) n-Nitrosodiphenylamine	10.510	169	858078	42.018	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	302093	40.634	ng	97
68) Hexachlorobenzene	10.945	284	343674	39.941	ng	99
69) Atrazine	11.045	200	248577	41.033	ng	99
70) Pentachlorophenol	11.139	266	324041	66.623	ng	97
71) Phenanthrene	11.363	178	1473491	41.140	ng	99
72) Anthracene	11.416	178	1486759	41.394	ng	99
73) Carbazole	11.569	167	1191212	38.995	ng	99
74) Di-n-butylphthalate	11.904	149	1592633	41.668	ng	99
75) Fluoranthene	12.557	202	1375319	37.825	ng	98
77) Benzidine	12.674	184	113461	23.831	ng	97
78) Pyrene	12.786	202	1340528	42.261	ng	99
80) Butylbenzylphthalate	13.410	149	445815	45.159	ng	99
81) Benzo(a)anthracene	13.980	228	876814	40.757	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	231208	44.647	ng	95
83) Chrysene	14.016	228	839317	40.407	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	530566	44.782	ng	99
85) Di-n-octyl phthalate	14.592	149	898840	46.851	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	885822	44.184	ng	100
88) Benzo(b)fluoranthene	15.033	252	823107	43.518	ng	98
89) Benzo(k)fluoranthene	15.068	252	746872	41.576	ng	99
90) Benzo(a)pyrene	15.410	252	690608	44.665	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	731366	45.377	ng	99
92) Benzo(g,h,i)perylene	17.445	276	695686	43.069	ng	100

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

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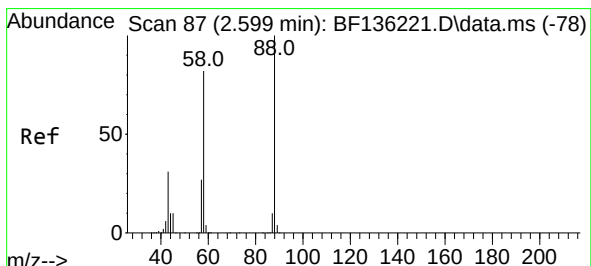
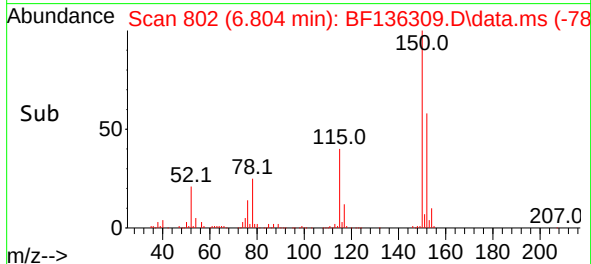
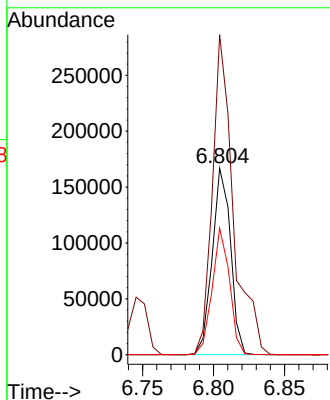
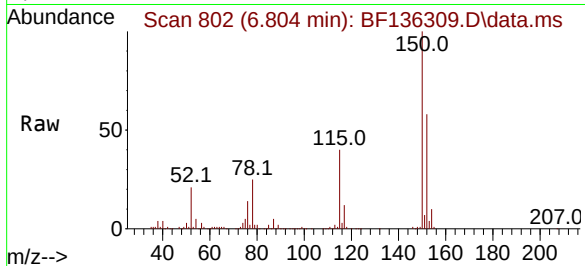




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39

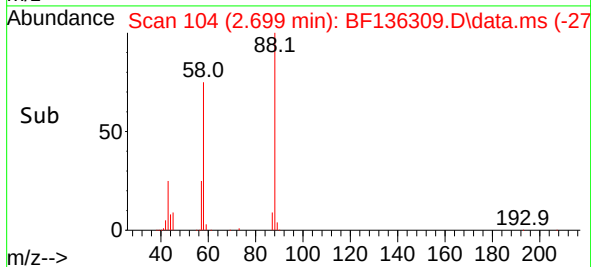
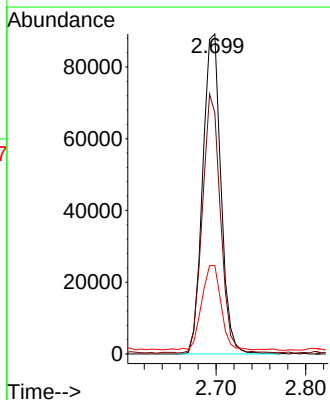
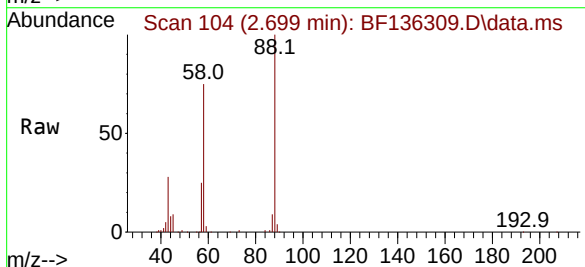
Instrument :
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 ClientSampleId :

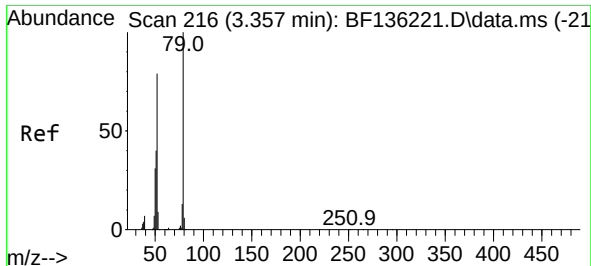
Tgt Ion:152 Resp: 149665
 Ion Ratio Lower Upper
 152 100
 150 171.5 137.8 206.8
 115 67.9 52.7 79.1



#2
 1,4-Dioxane
 Concen: 30.939 ng
 RT: 2.699 min Scan# 104
 Delta R.T. 0.100 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39

Tgt Ion: 88 Resp: 125878
 Ion Ratio Lower Upper
 88 100
 58 80.1 65.9 98.9
 43 27.8 24.8 37.2

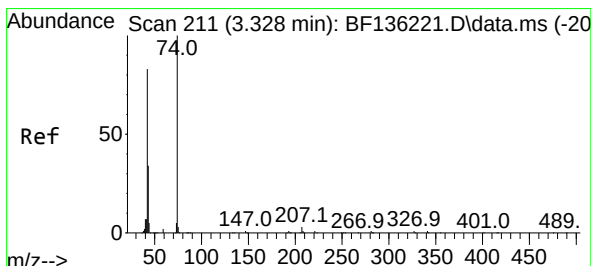
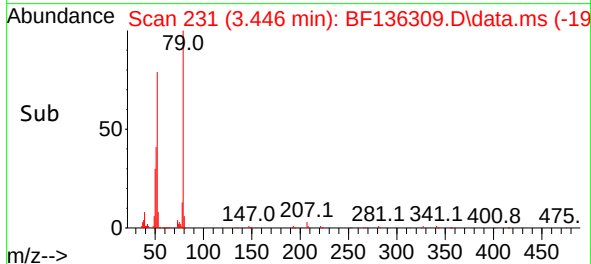
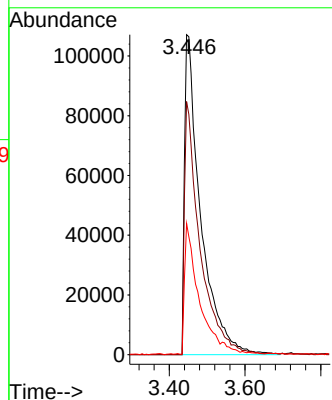
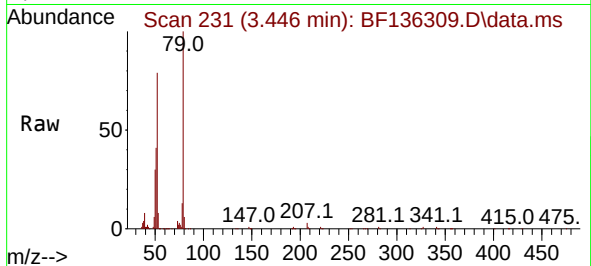




#3
 Pyridine
 Concen: 31.527 ng
 RT: 3.446 min Scan# 216
 Delta R.T. 0.088 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39

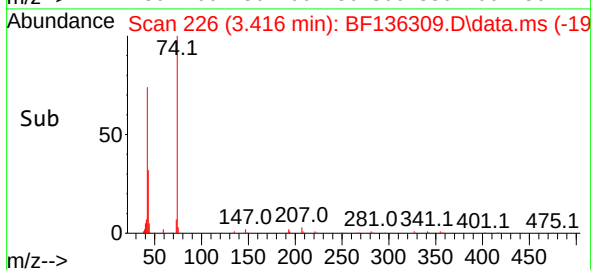
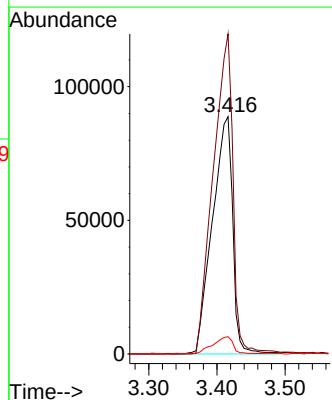
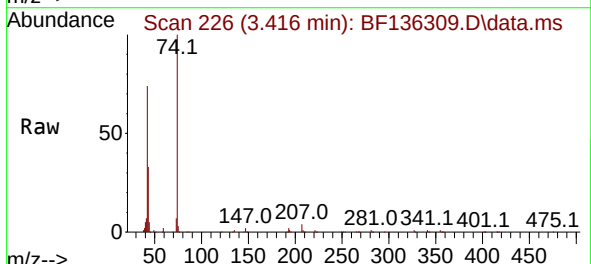
Instrument :
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 ClientSampleId :

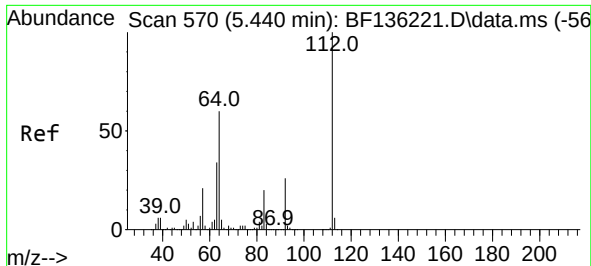
Tgt Ion: 79 Resp: 316640
 Ion Ratio Lower Upper
 79 100
 52 79.1 63.2 94.8
 51 41.0 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 36.156 ng
 RT: 3.416 min Scan# 226
 Delta R.T. 0.088 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39

Tgt Ion: 42 Resp: 183557
 Ion Ratio Lower Upper
 42 100
 74 134.8 96.6 144.8
 44 7.3 5.4 8.2

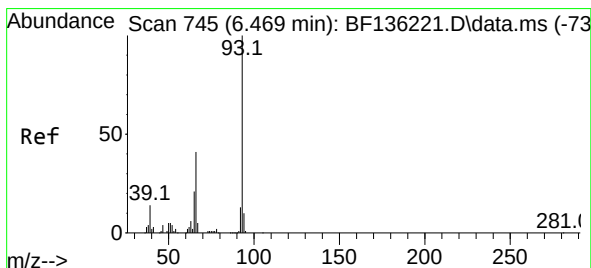
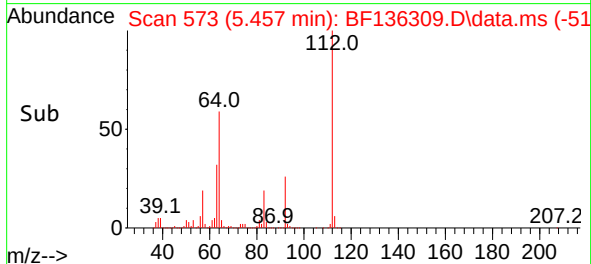
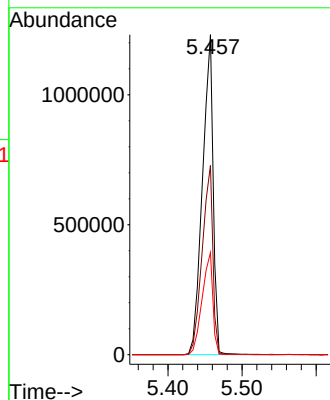
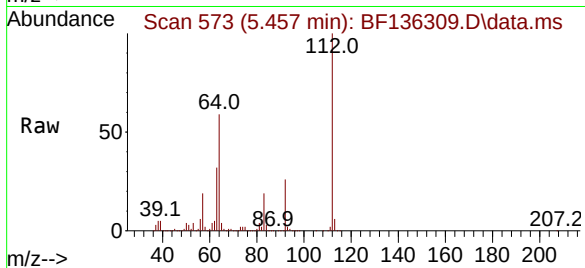




#5
2-Fluorophenol
Concen: 115.126 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

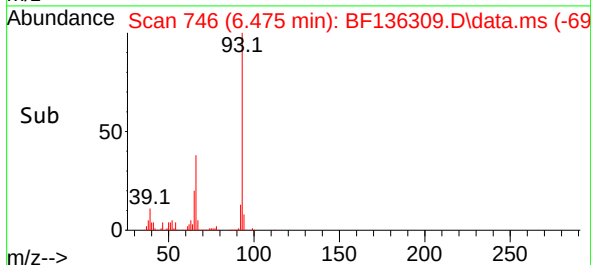
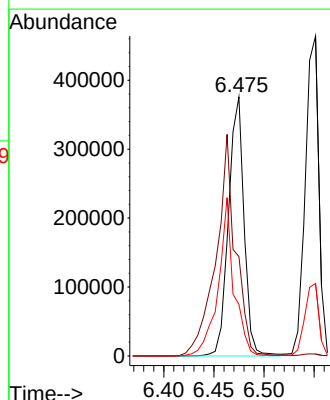
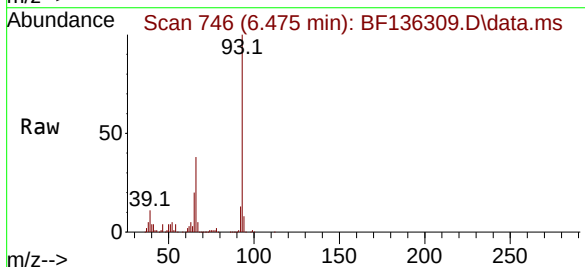
Instrument :
BNA_F
ClientSampleId :

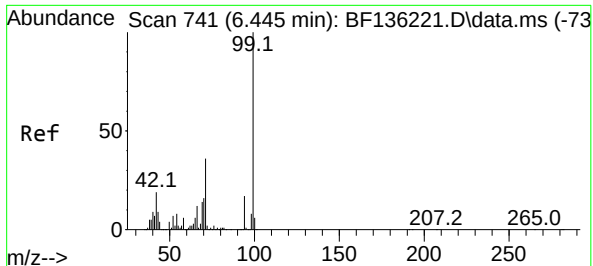
Tgt Ion:112 Resp: 1237941
Ion Ratio Lower Upper
112 100
64 59.1 48.2 72.4
63 31.9 27.0 40.6



#6
Aniline
Concen: 31.865 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion: 93 Resp: 404940
Ion Ratio Lower Upper
93 100
66 38.3 34.1 51.1
65 19.9 17.3 25.9

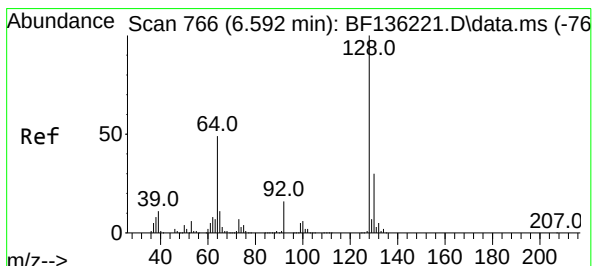
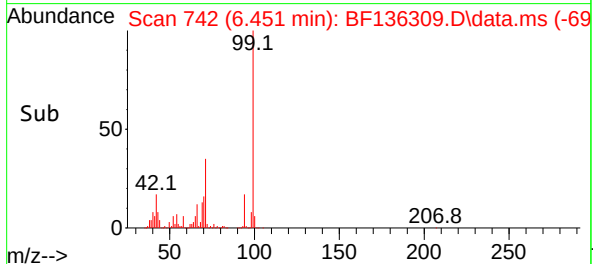
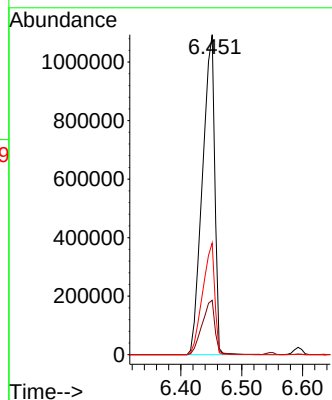
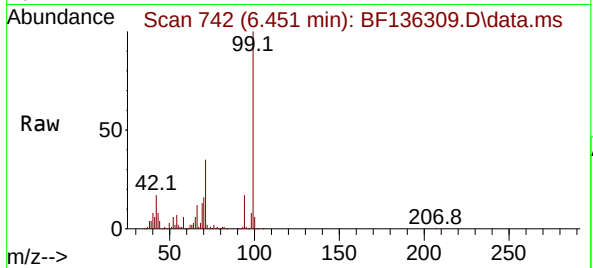




#7
Phenol-d6
Concen: 114.047 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

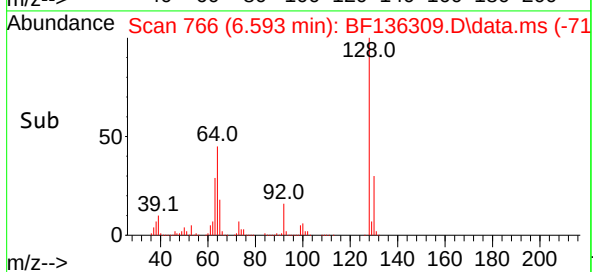
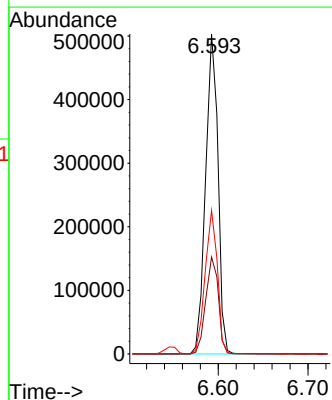
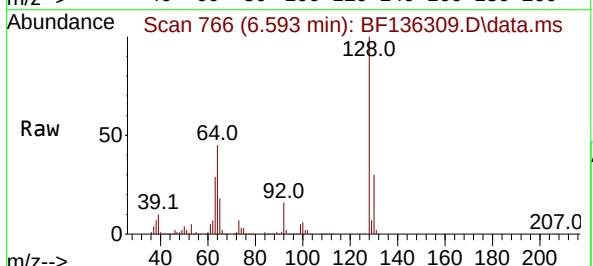
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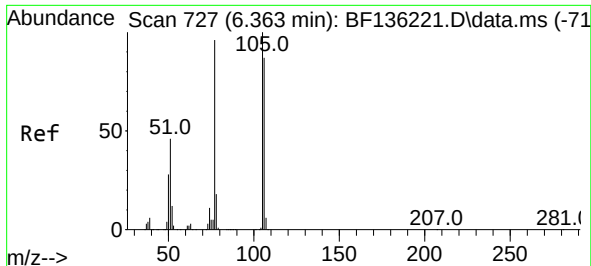
Tgt Ion: 99 Resp: 1533373
Ion Ratio Lower Upper
99 100
42 17.0 15.0 22.6
71 34.9 28.9 43.3



#8
2-Chlorophenol
Concen: 41.223 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:128 Resp: 482652
Ion Ratio Lower Upper
128 100
130 30.3 10.3 50.3
64 44.9 30.0 70.0





#9

Benzaldehyde

Concen: 3.134 ng

RT: 6.357 min Scan# 71

Delta R.T. -0.006 min

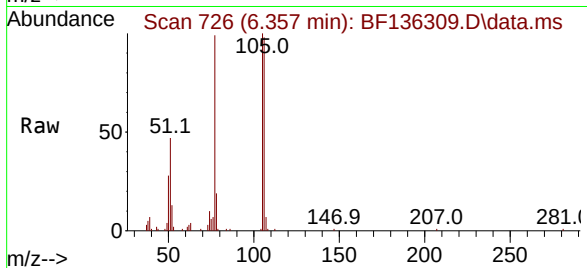
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Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :



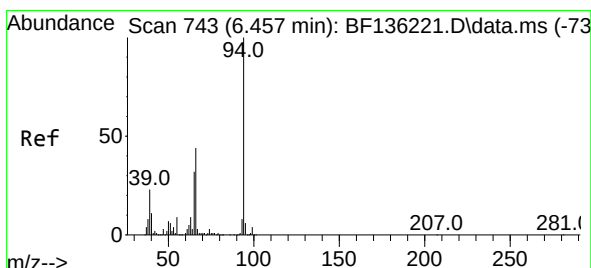
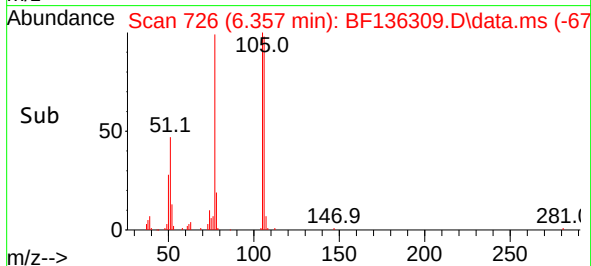
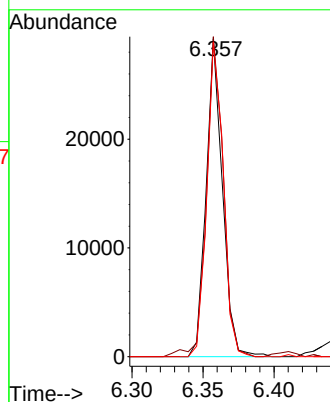
Tgt Ion: 77 Resp: 23486

Ion Ratio Lower Upper

77 100

105 100.6 84.3 124.3

106 98.9 71.0 111.0



#10

Phenol

Concen: 40.097 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

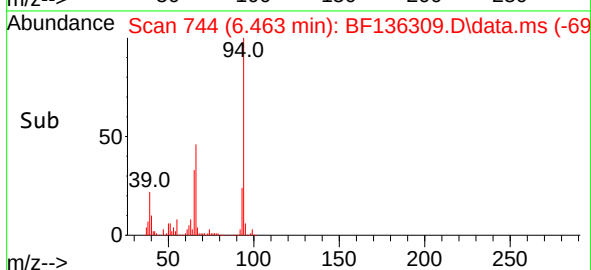
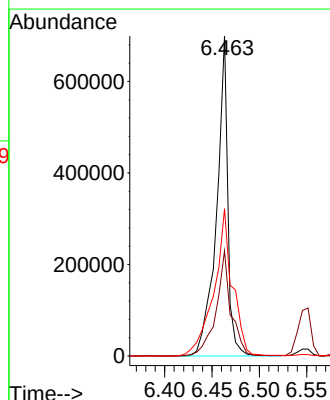
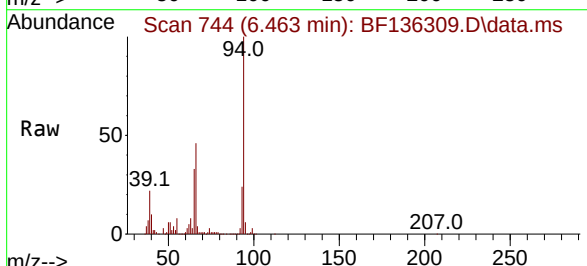
Tgt Ion: 94 Resp: 578375

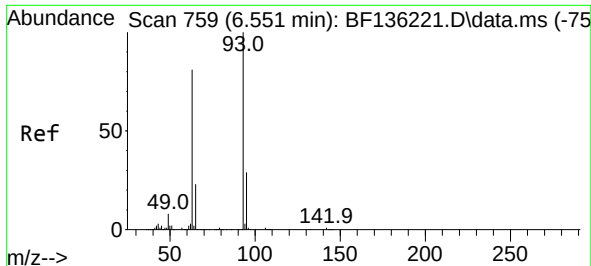
Ion Ratio Lower Upper

94 100

65 32.8 12.5 52.5

66 46.0 24.1 64.1

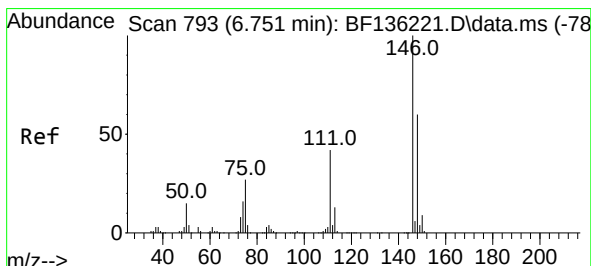
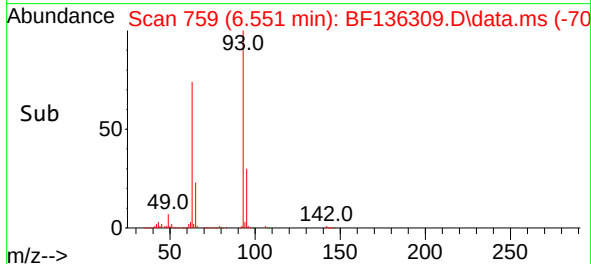
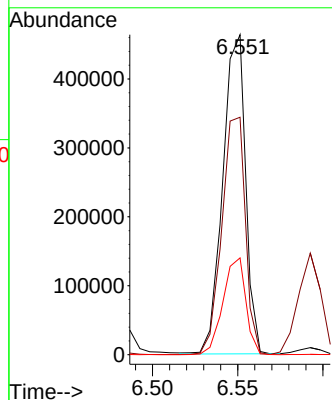
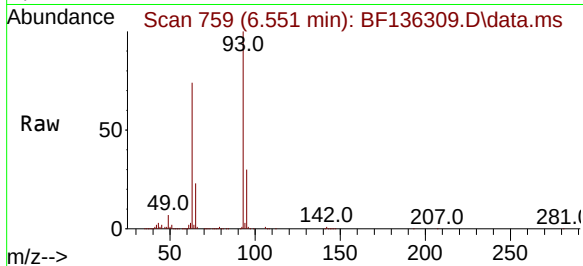




#11
bis(2-Chloroethyl)ether
Concen: 40.731 ng
RT: 6.551 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

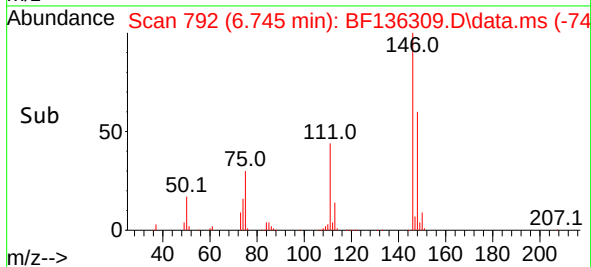
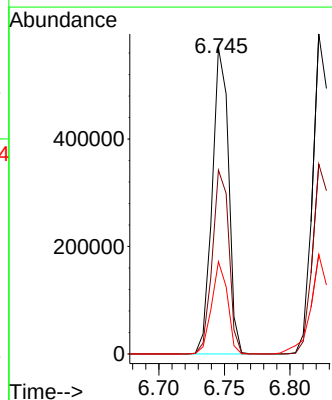
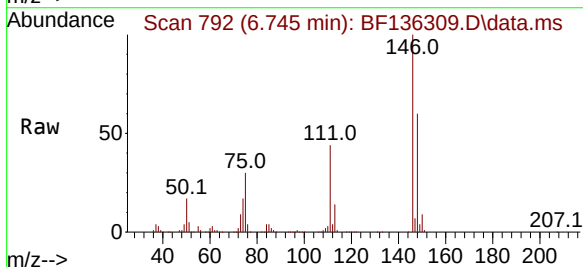
Instrument :
BNA_F
ClientSampleId :

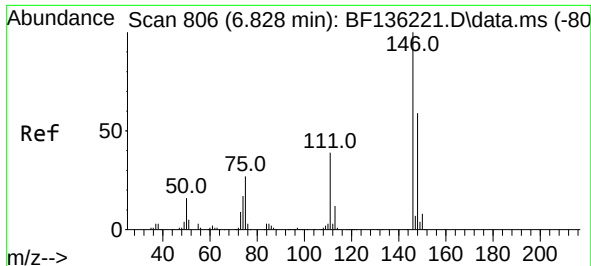
Tgt Ion: 93 Resp: 431012
Ion Ratio Lower Upper
93 100
63 74.2 60.2 100.2
95 30.2 9.1 49.1



#12
1,3-Dichlorobenzene
Concen: 37.306 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:146 Resp: 495691
Ion Ratio Lower Upper
146 100
148 60.0 47.8 71.6
75 30.1 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 37.679 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

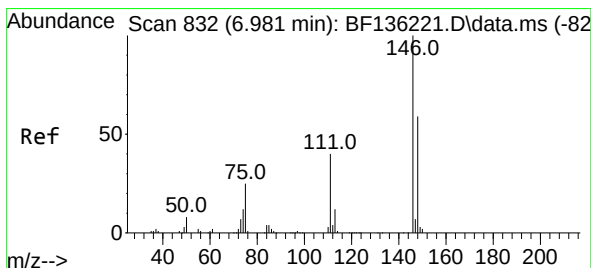
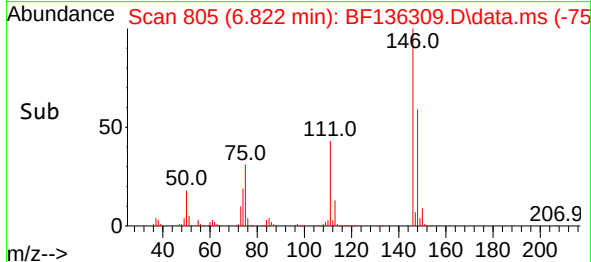
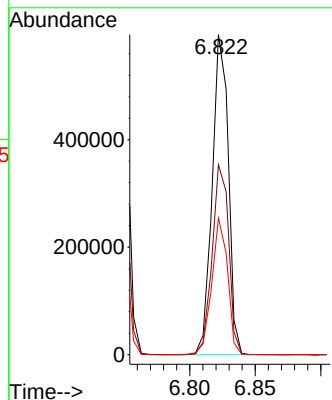
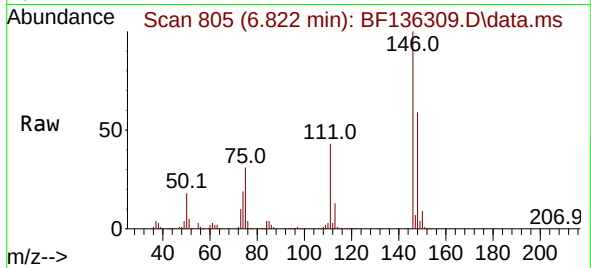
Tgt Ion:146 Resp: 508950

Ion Ratio Lower Upper

146 100

148 59.3 47.0 70.6

111 42.7 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 37.821 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

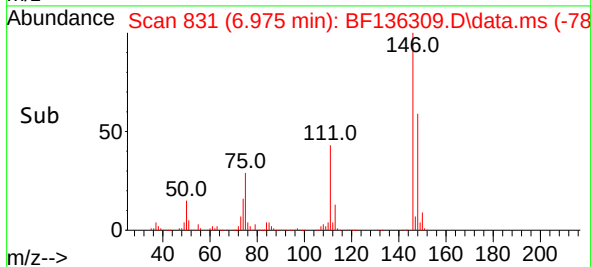
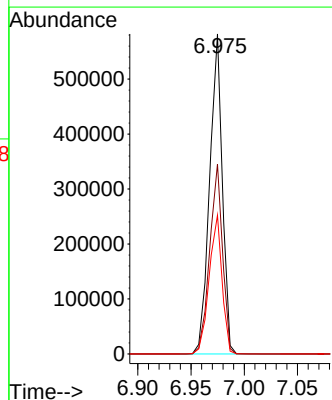
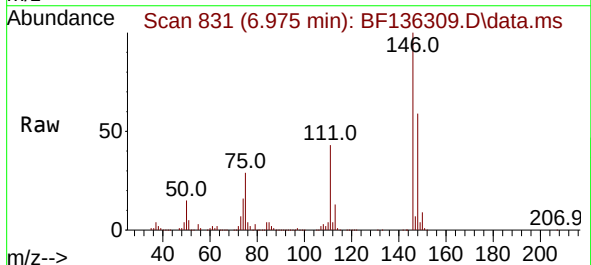
Tgt Ion:146 Resp: 483638

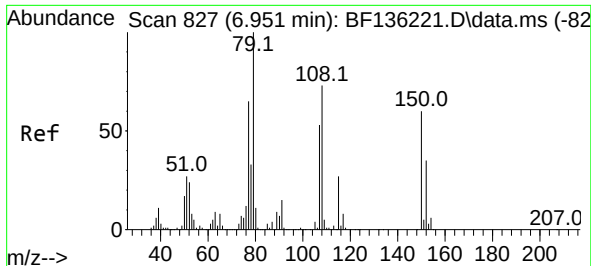
Ion Ratio Lower Upper

146 100

148 59.4 47.3 70.9

111 43.3 32.4 48.6

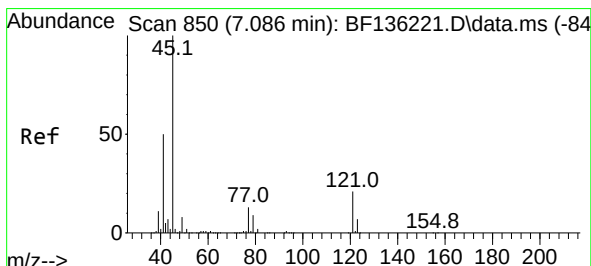
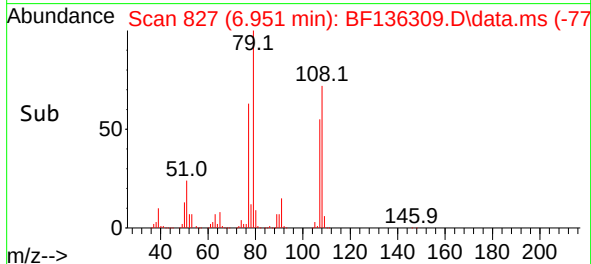
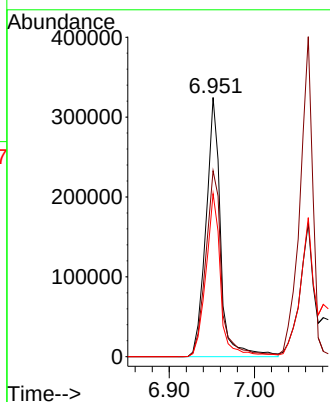
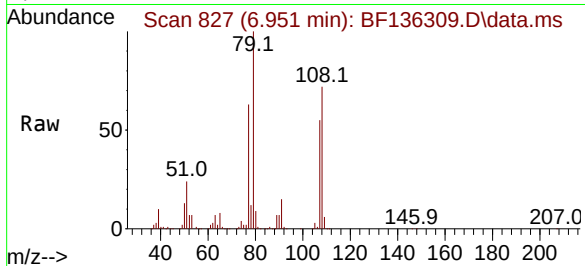




#15
Benzyl Alcohol
Concen: 41.019 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

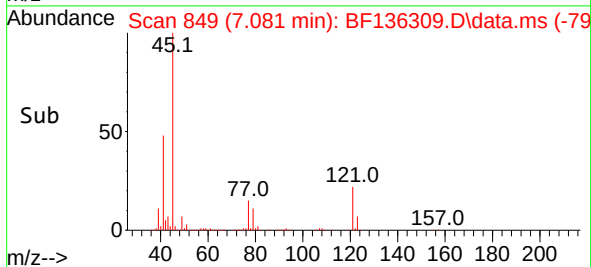
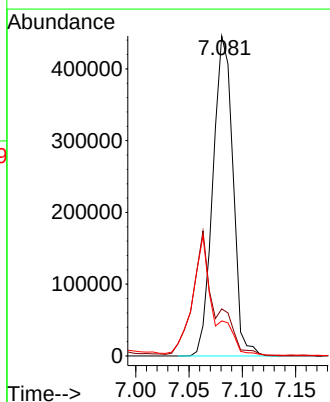
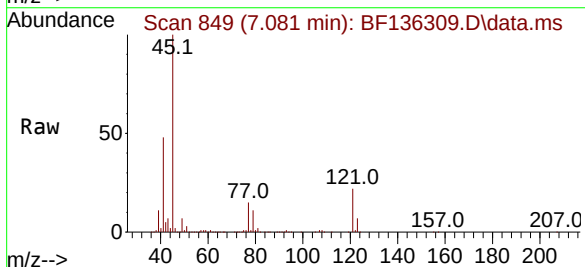
Instrument :
BNA_F
ClientSampleId :

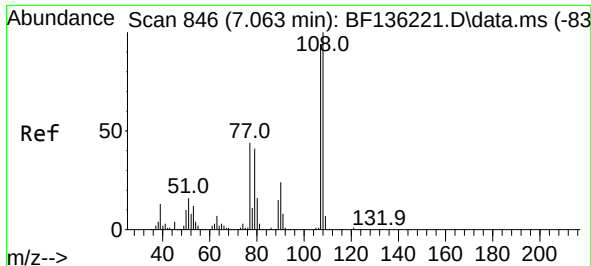
Tgt Ion: 79 Resp: 386674
Ion Ratio Lower Upper
79 100
108 71.7 58.1 87.1
77 62.9 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.661 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

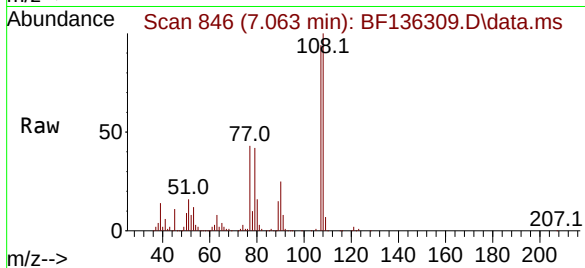
Tgt Ion: 45 Resp: 582951
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.0
79 10.9 0.0 30.1



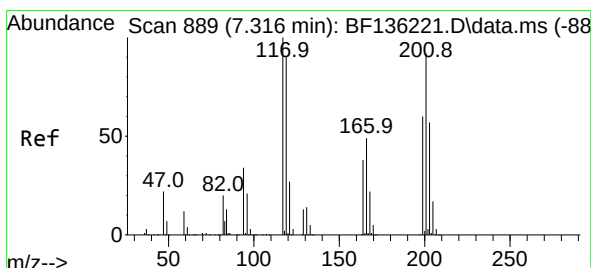
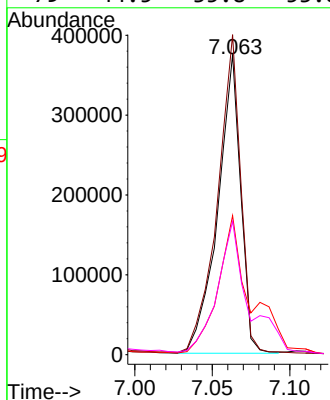
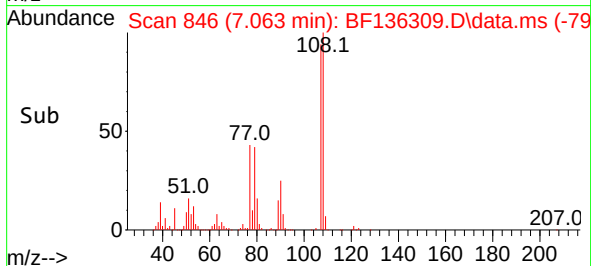


#17
2-Methylphenol
Concen: 41.551 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Instrument :
BNA_F
ClientSampleId :

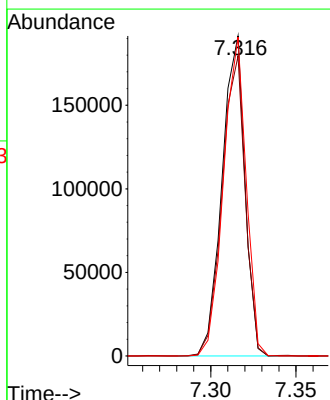
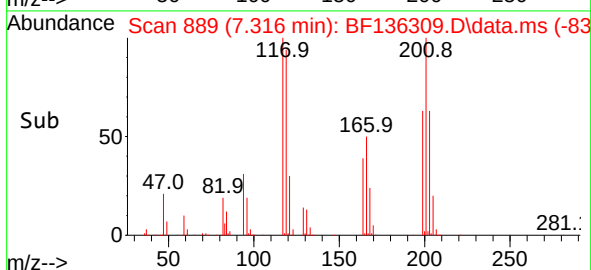
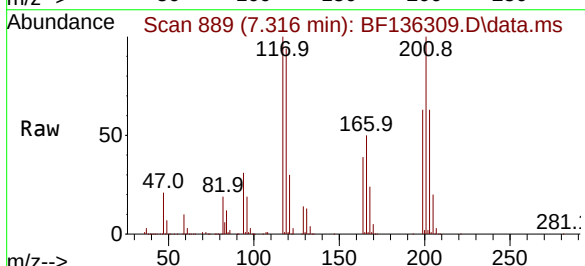


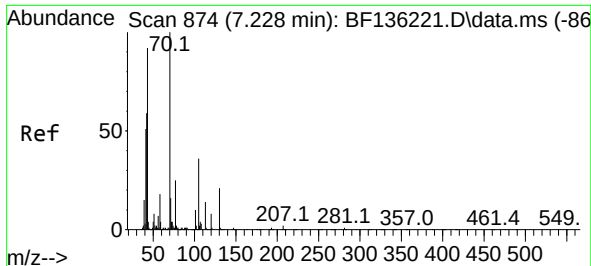
Tgt Ion:	107	Resp:	382470
Ion	Ratio	Lower	Upper
107	100		
108	106.6	85.4	128.0
77	46.3	37.4	56.2
79	44.5	35.8	53.8



#18
Hexachloroethane
Concen: 37.612 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:	117	Resp:	178199
Ion	Ratio	Lower	Upper
117	100		
119	93.8	71.6	107.4
201	99.7	73.4	110.2

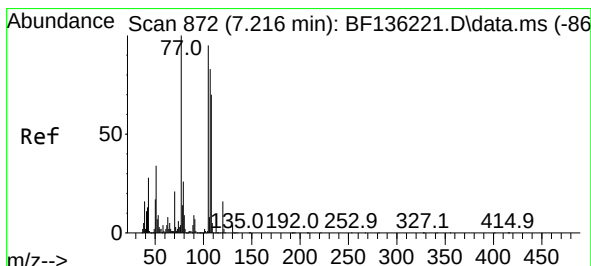
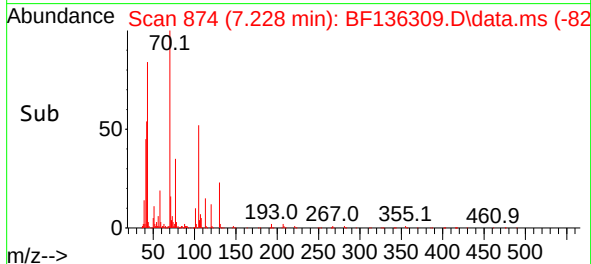
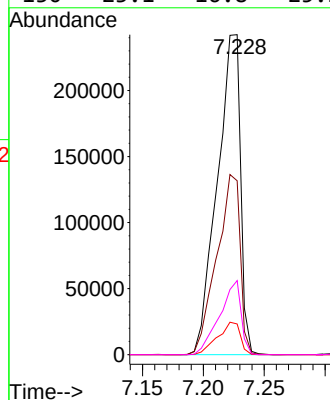
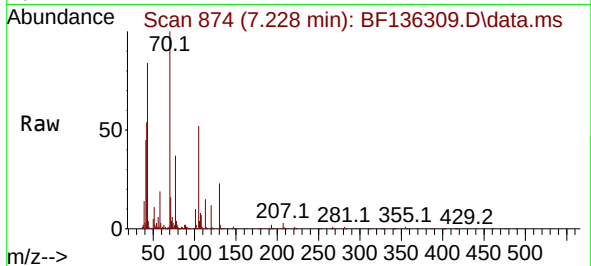




#19
n-Nitroso-di-n-propylamine
Concen: 39.999 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

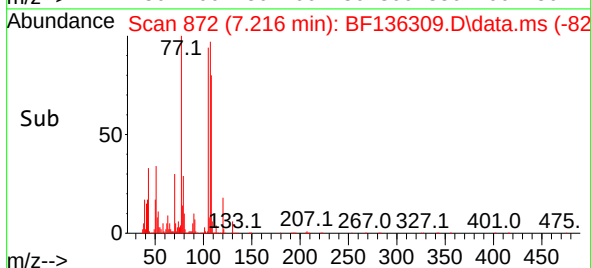
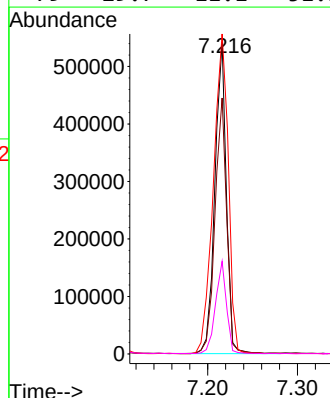
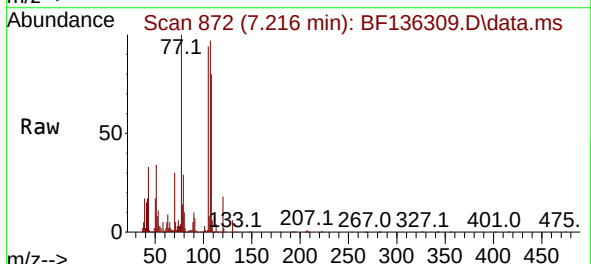
Instrument :
BNA_F
ClientSampleId :

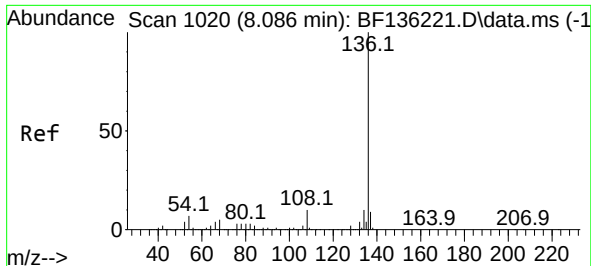
Tgt Ion: 70 Resp: 321649
Ion Ratio Lower Upper
70 100
42 54.4 47.0 70.4
101 9.6 7.8 11.8
130 23.1 16.8 25.2



#20
3+4-Methylphenols
Concen: 40.050 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

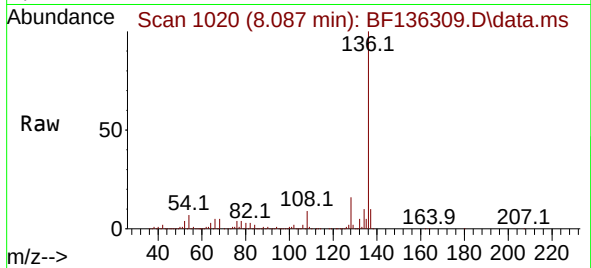
Tgt Ion: 107 Resp: 479111
Ion Ratio Lower Upper
107 100
108 82.1 63.9 103.9
77 102.6 100.2 140.2
79 29.7 11.1 51.1



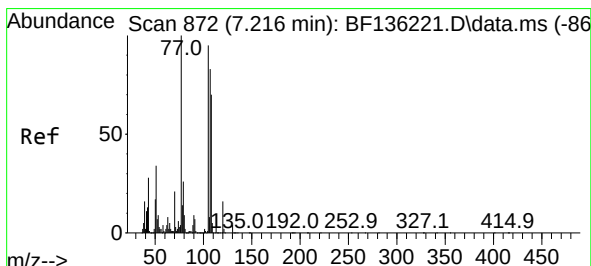
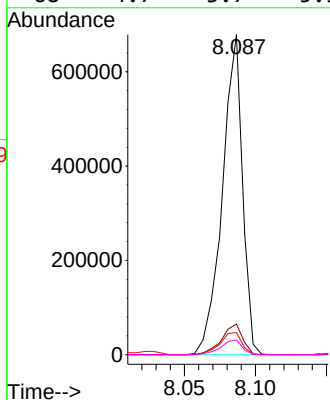
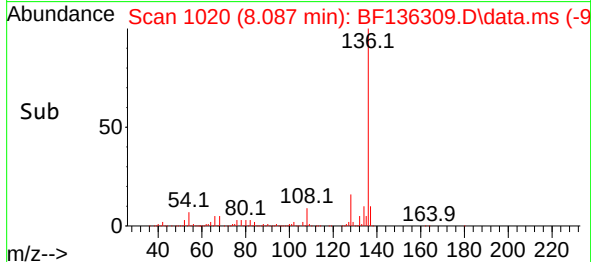


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

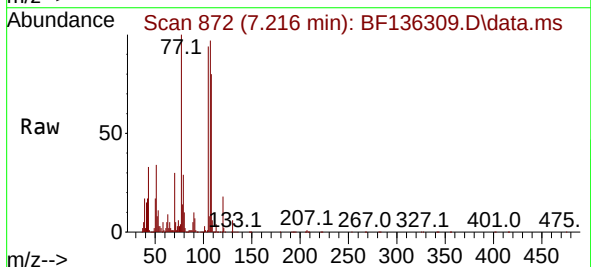
Instrument :
BNA_F
ClientSampleId :



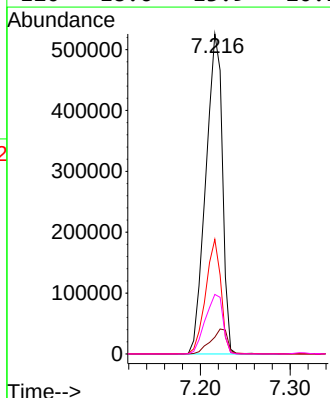
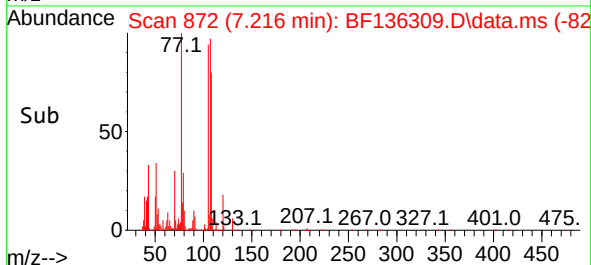
Tgt Ion:136 Resp: 667172
Ion Ratio Lower Upper
136 100
137 9.6 7.4 11.2
54 6.9 5.5 8.3
68 4.7 3.7 5.5

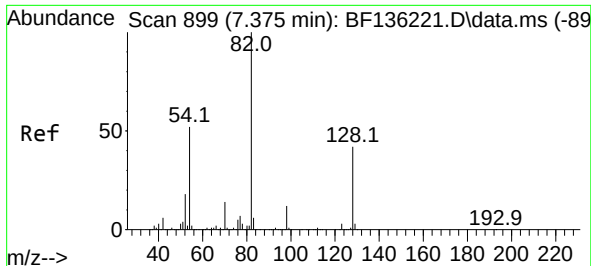


#22
Acetophenone
Concen: 38.521 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



Tgt Ion:105 Resp: 674962
Ion Ratio Lower Upper
105 100
71 5.2 2.8 4.2#
51 35.8 29.0 43.6
120 18.6 13.9 20.9





#23

Nitrobenzene-d5

Concen: 74.285 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

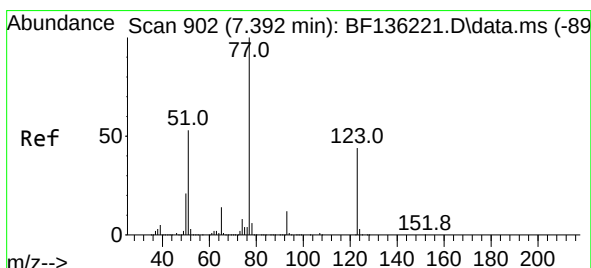
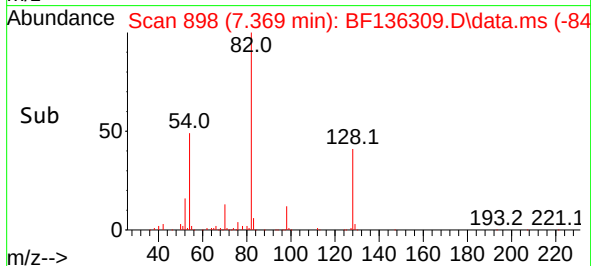
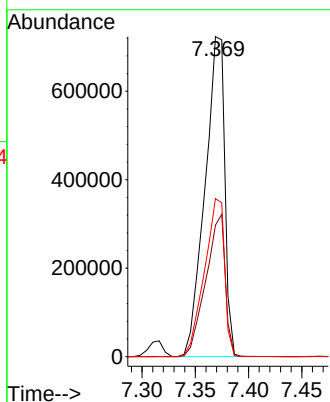
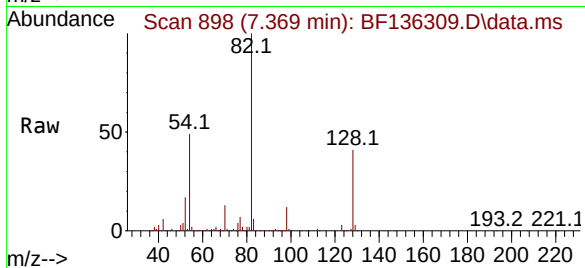
Tgt Ion: 82 Resp: 937884

Ion Ratio Lower Upper

82 100

128 41.1 33.4 50.2

54 49.4 41.7 62.5



#24

Nitrobenzene

Concen: 37.094 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

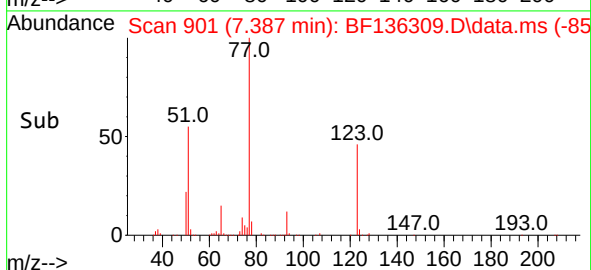
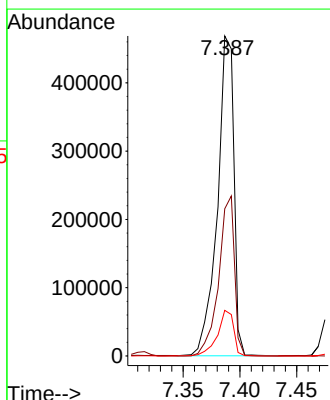
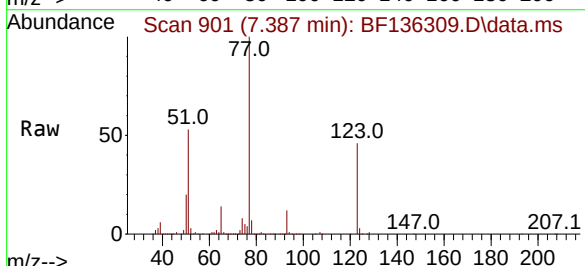
Tgt Ion: 77 Resp: 474603

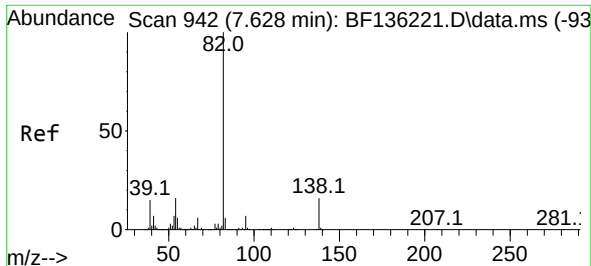
Ion Ratio Lower Upper

77 100

123 46.0 35.4 53.2

65 14.2 11.0 16.6

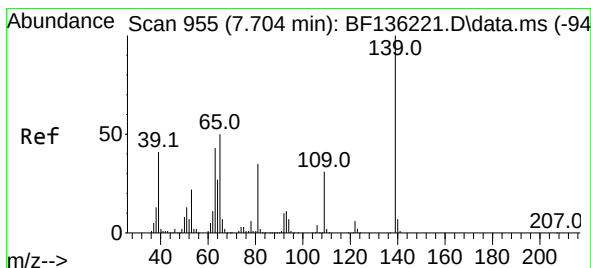
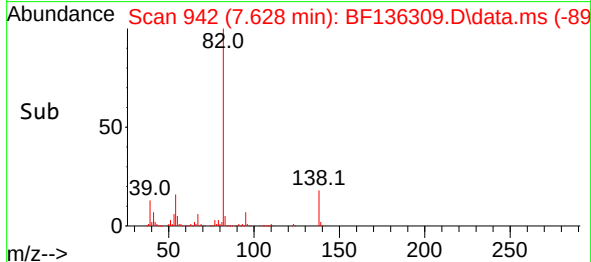
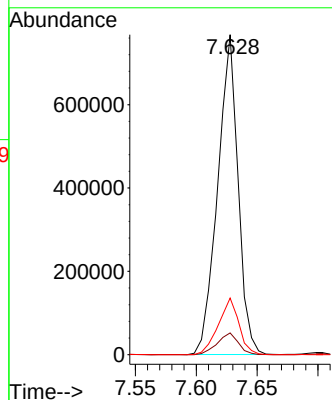
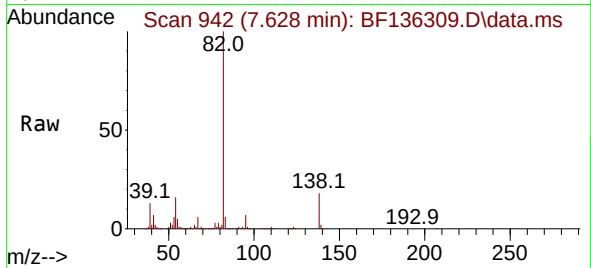




#25
Isophorone
Concen: 39.363 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

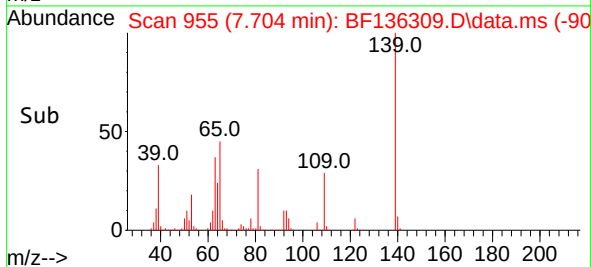
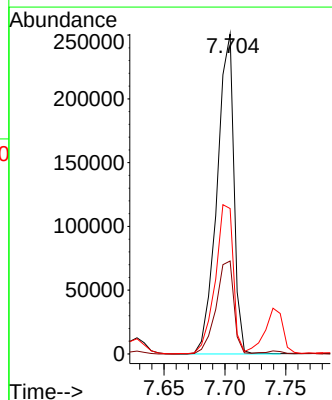
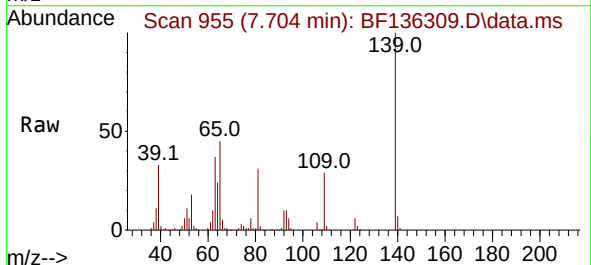
Instrument :
BNA_F
ClientSampleId :

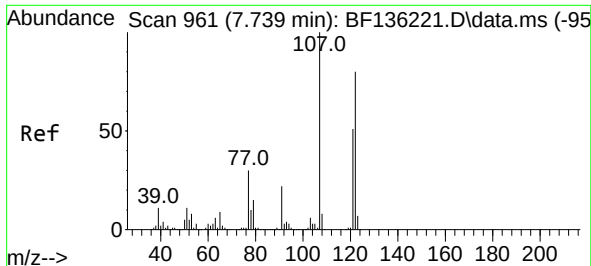
Tgt Ion: 82 Resp: 896120
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.7 12.8 19.2



#26
2-Nitrophenol
Concen: 44.485 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:139 Resp: 242503
Ion Ratio Lower Upper
139 100
109 29.0 25.0 37.6
65 45.4 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 53.204 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

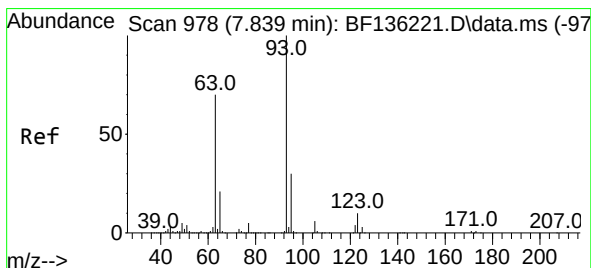
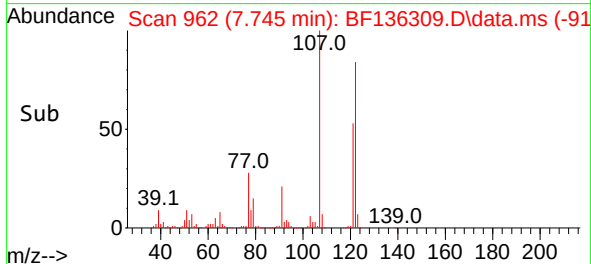
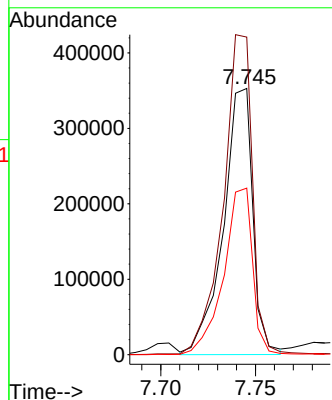
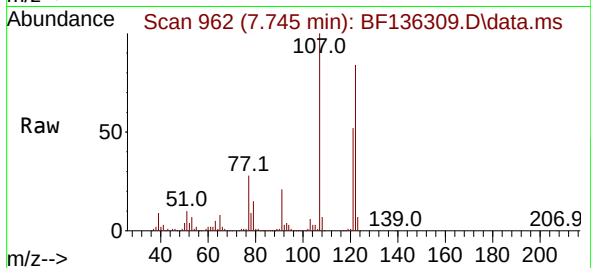
Tgt Ion:122 Resp: 381752

Ion Ratio Lower Upper

122 100

107 119.3 100.0 150.0

121 62.6 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.580 ng

RT: 7.840 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

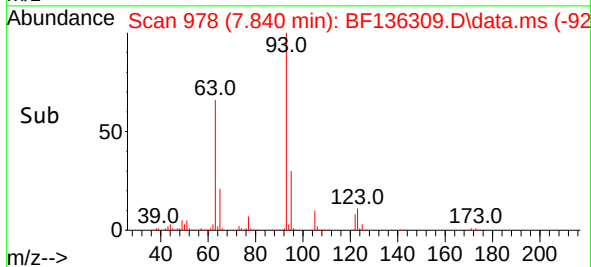
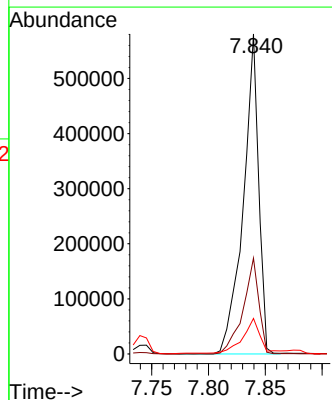
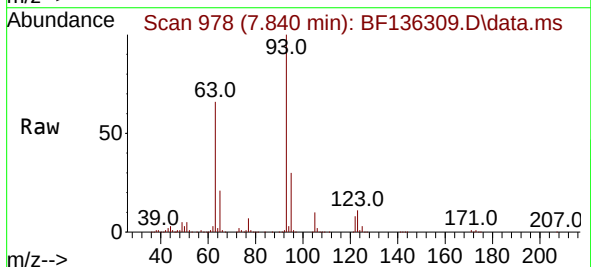
Tgt Ion: 93 Resp: 545028

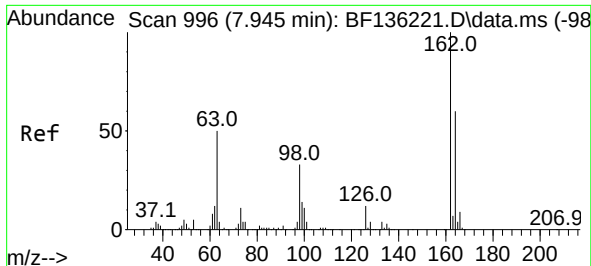
Ion Ratio Lower Upper

93 100

95 29.9 23.8 35.6

123 11.1 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 41.581 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

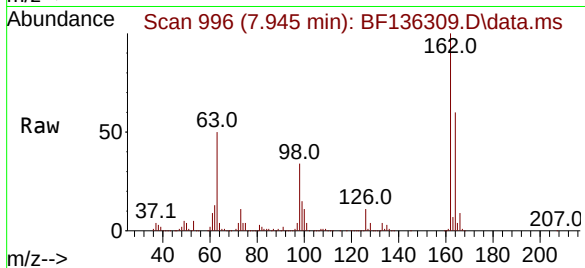
Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :



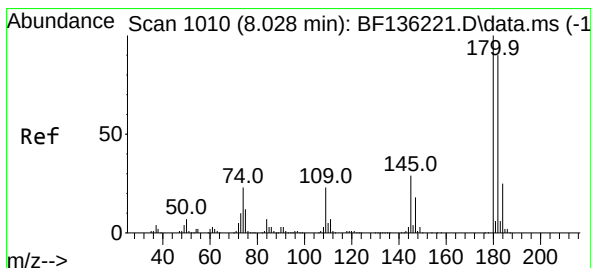
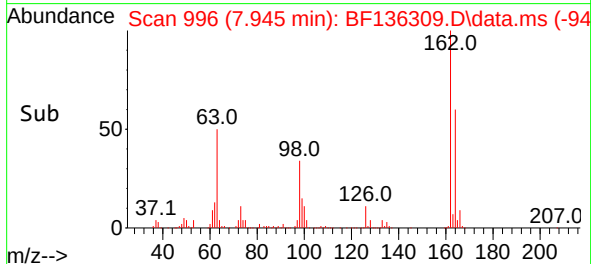
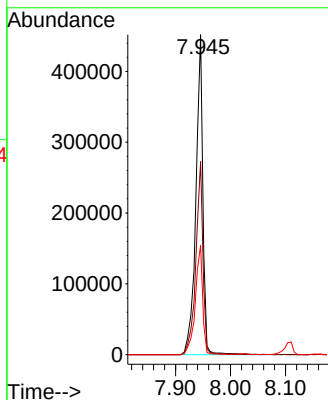
Tgt Ion:162 Resp: 402420

Ion Ratio Lower Upper

162 100

164 60.3 40.3 80.3

98 34.1 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 37.744 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

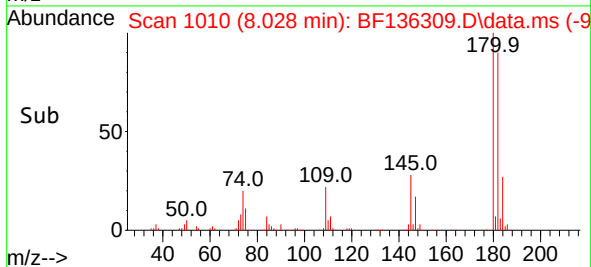
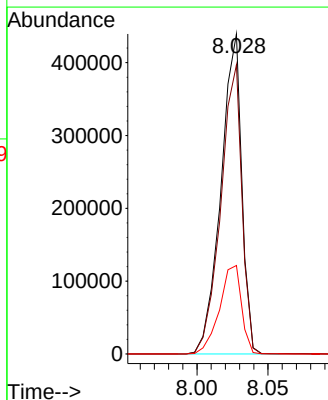
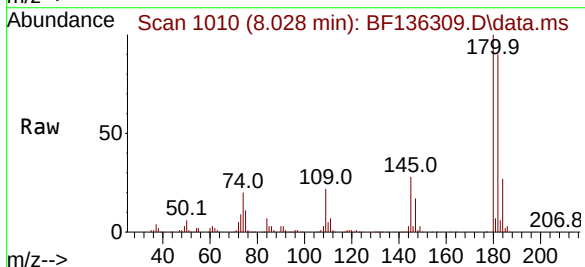
Tgt Ion:180 Resp: 447234

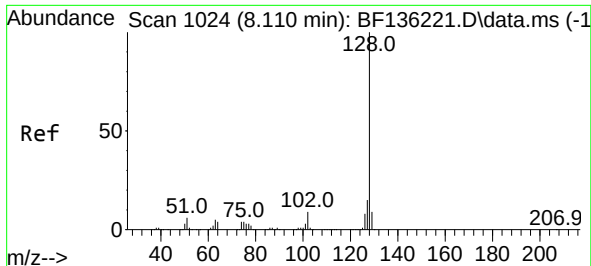
Ion Ratio Lower Upper

180 100

182 90.4 71.6 107.4

145 27.6 23.0 34.4

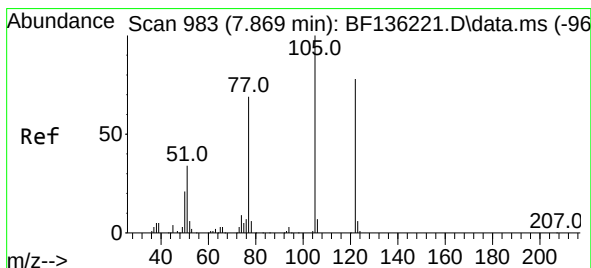
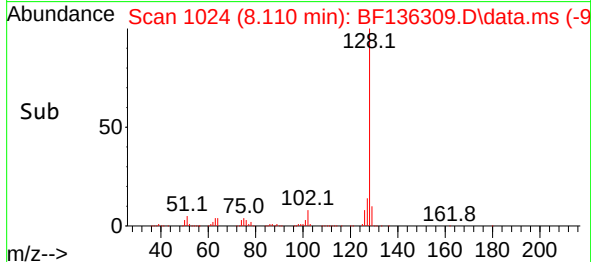
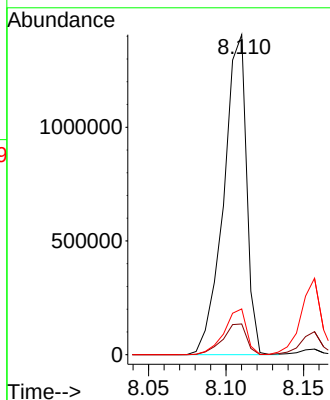
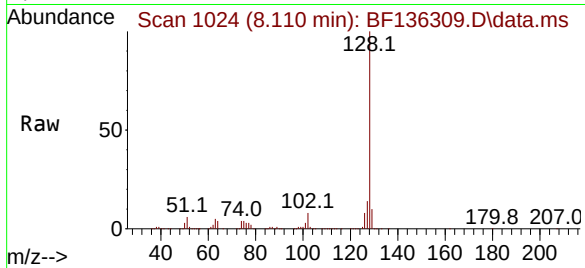




#31
Naphthalene
Concen: 38.482 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

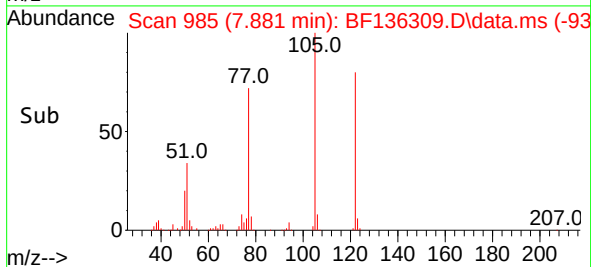
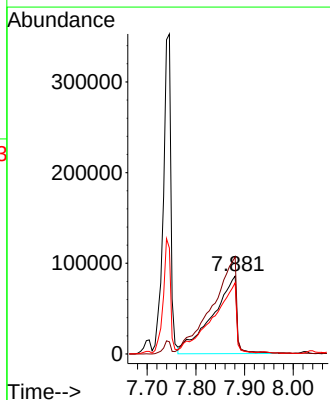
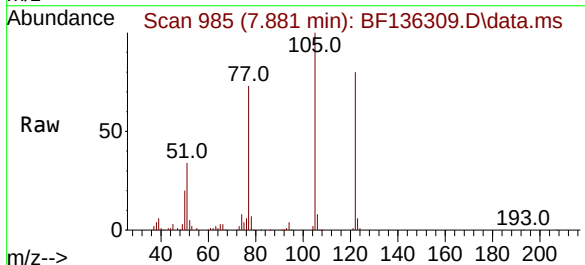
Instrument :
BNA_F
ClientSampleId :

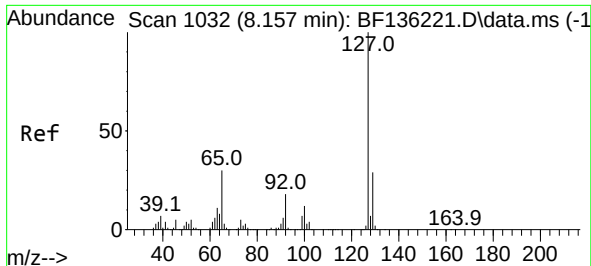
Tgt Ion:128 Resp: 1443090
Ion Ratio Lower Upper
128 100
129 9.6 7.3 10.9
127 14.3 11.8 17.6



#32
Benzoic acid
Concen: 45.416 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:122 Resp: 296991
Ion Ratio Lower Upper
122 100
105 124.7 103.7 143.7
77 91.5 66.8 106.8

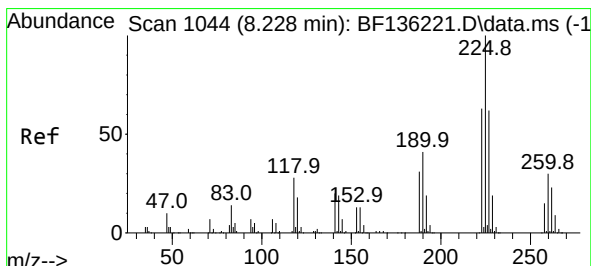
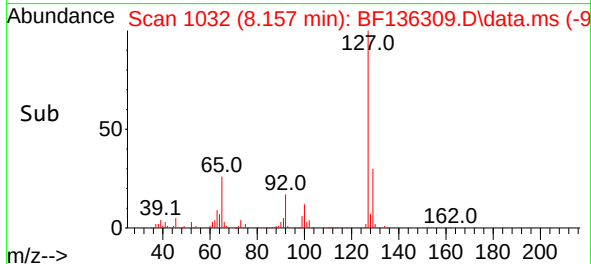
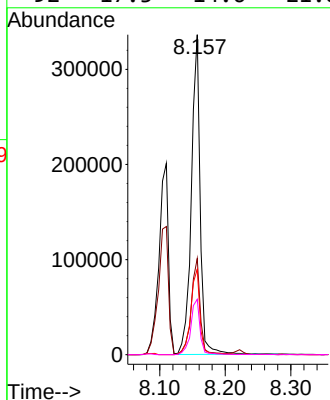
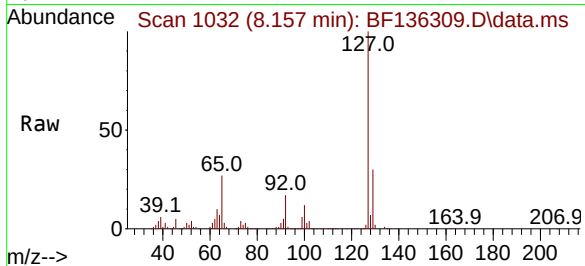




#33
4-Chloroaniline
Concen: 24.620 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

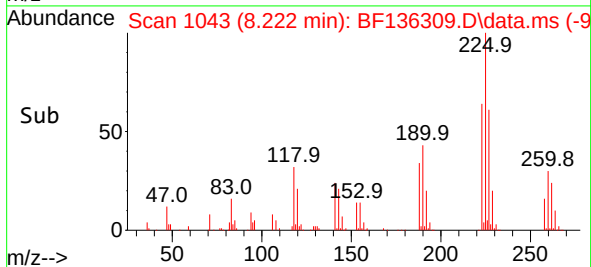
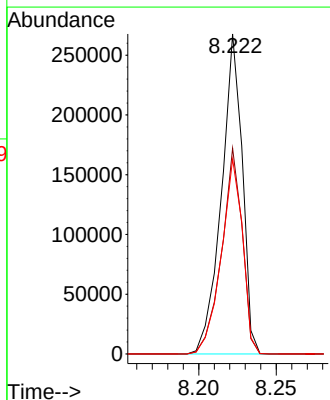
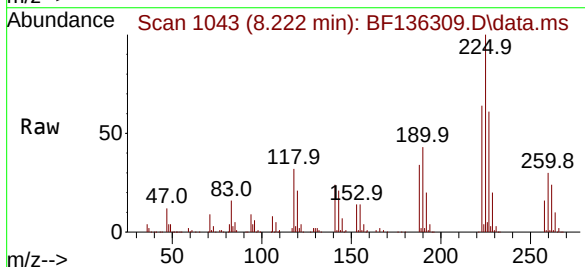
Instrument :
BNA_F
ClientSampleId :

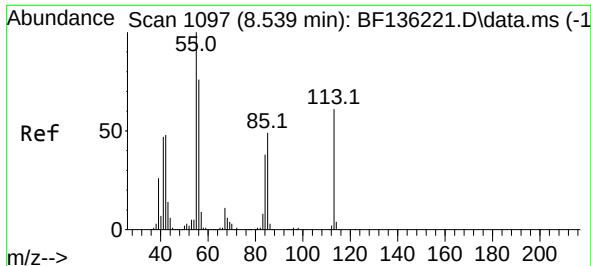
Tgt Ion:	127	Resp:	313834
Ion	Ratio	Lower	Upper
127	100		
129	30.1	23.4	35.2
65	26.7	23.8	35.6
92	17.3	14.6	21.8



#34
Hexachlorobutadiene
Concen: 36.092 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

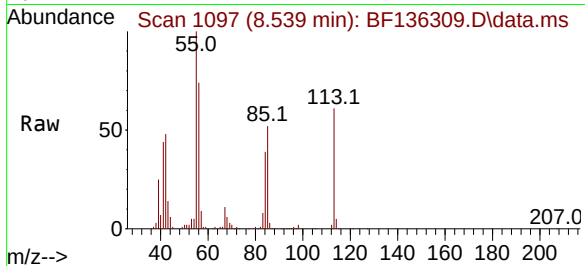
Tgt Ion:	225	Resp:	250197
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	75.8
227	60.9	49.6	74.4



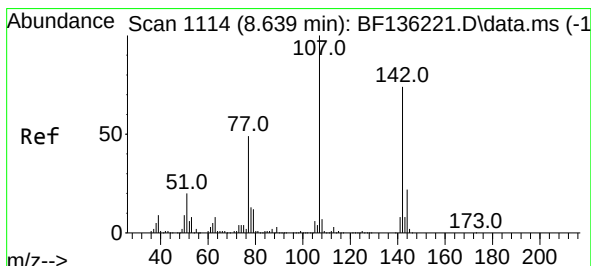
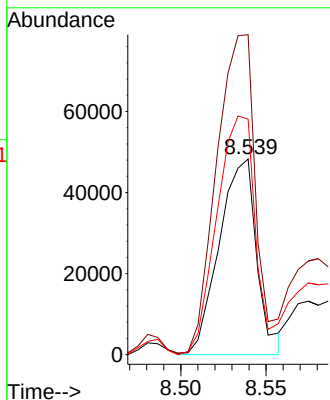
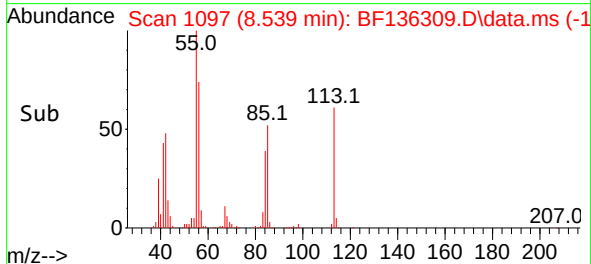


#35
 Caprolactam
 Concen: 27.238 ng
 RT: 8.539 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39

Instrument :
 BNA_F
 ClientSampleId :

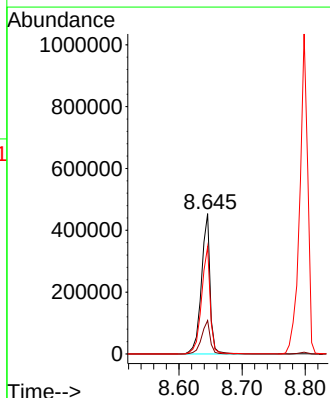
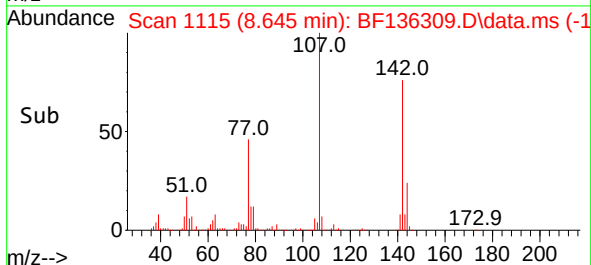
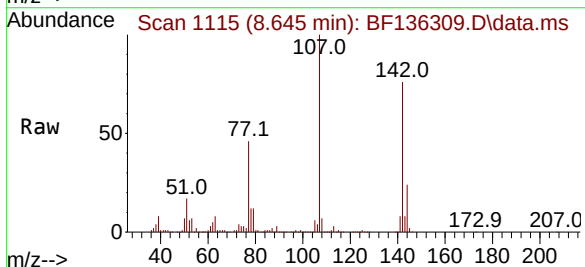


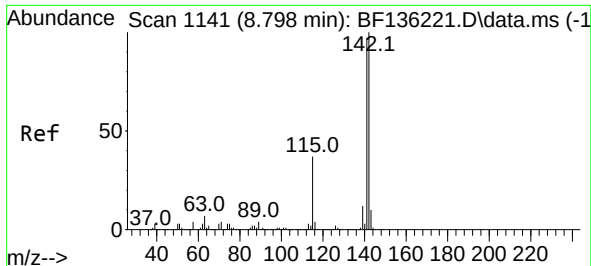
Tgt Ion:113 Resp: 73693
 Ion Ratio Lower Upper
 113 100
 55 163.5 143.1 183.1
 56 120.3 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.175 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.006 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39

Tgt Ion:107 Resp: 432196
 Ion Ratio Lower Upper
 107 100
 144 23.8 17.8 26.8
 142 76.4 59.4 89.0





#37

2-Methylnaphthalene

Concen: 38.746 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

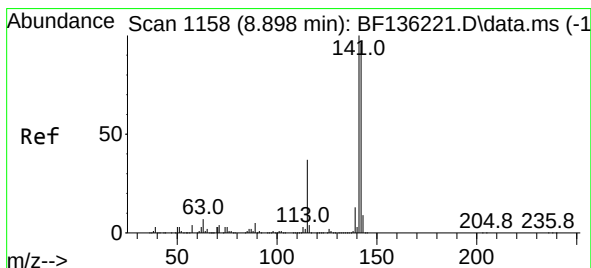
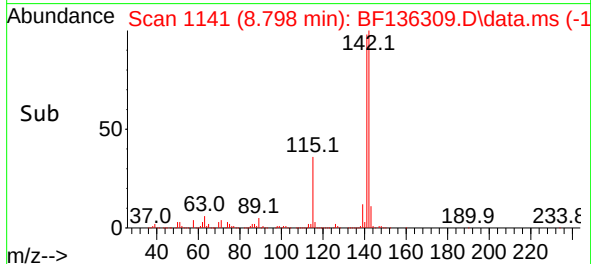
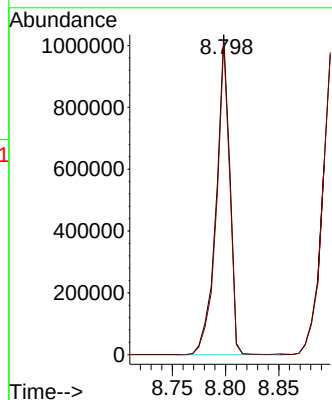
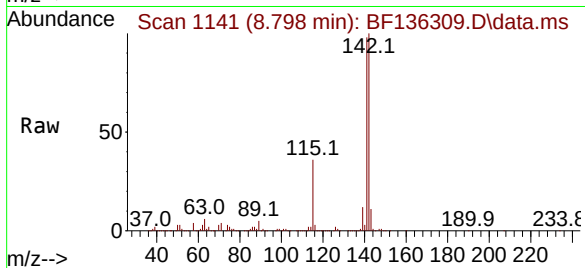
ClientSampleId :

Tgt Ion:142 Resp: 911434

Ion Ratio Lower Upper

142 100

141 97.6 77.8 116.8



#38

1-Methylnaphthalene

Concen: 37.785 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136309.D

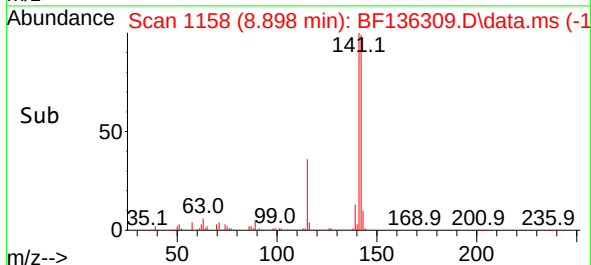
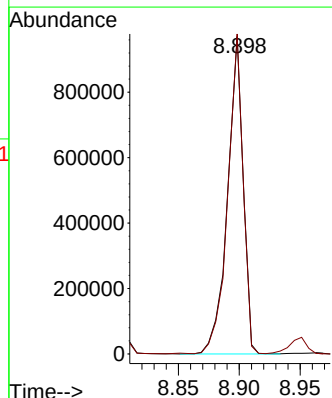
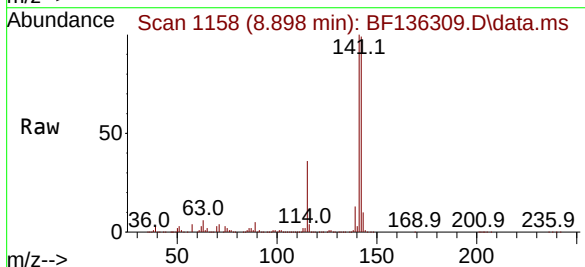
Acq: 30 Nov 2023 12:39

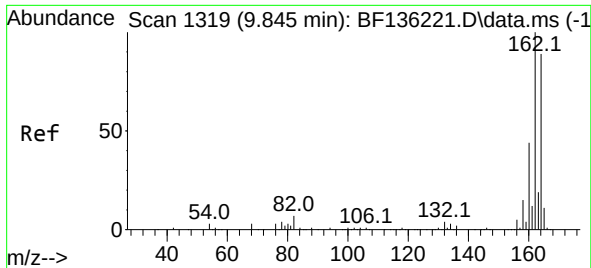
Tgt Ion:142 Resp: 867075

Ion Ratio Lower Upper

142 100

141 100.8 83.8 125.6

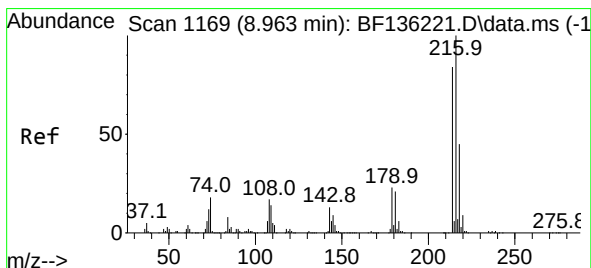
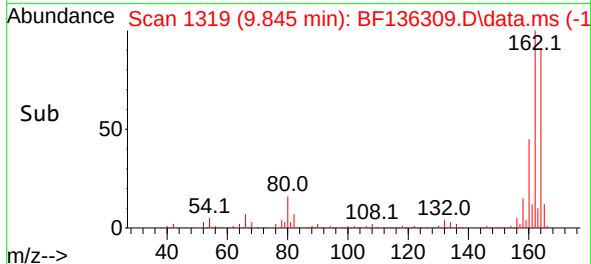
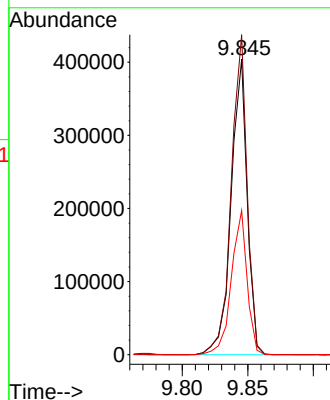
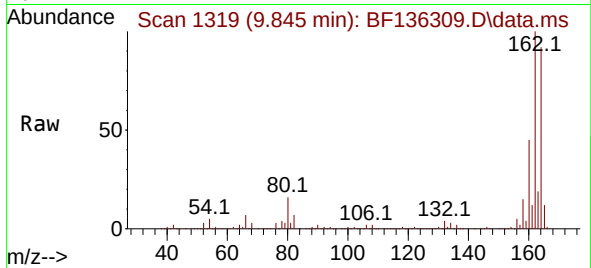




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

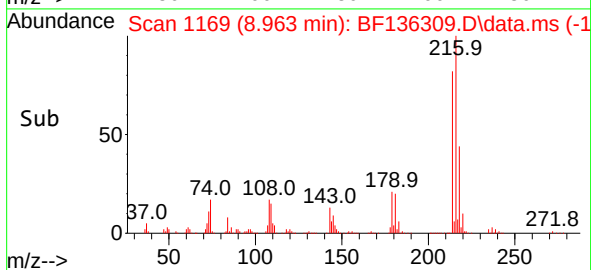
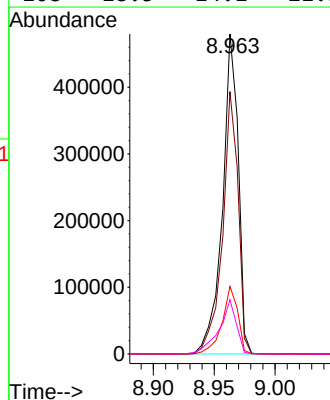
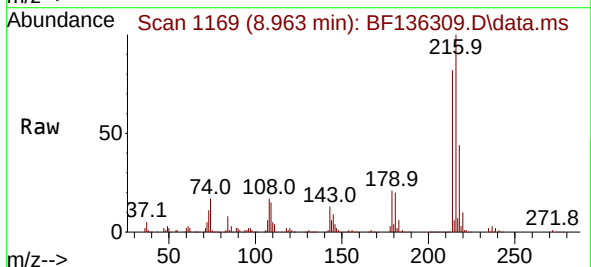
Instrument :
BNA_F
ClientSampleId :

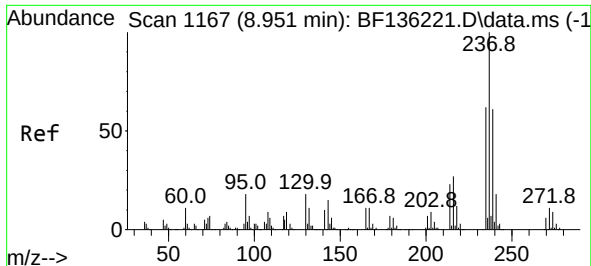
Tgt Ion:164 Resp: 343836
Ion Ratio Lower Upper
164 100
162 108.3 89.5 134.3
160 48.8 39.6 59.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.588 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

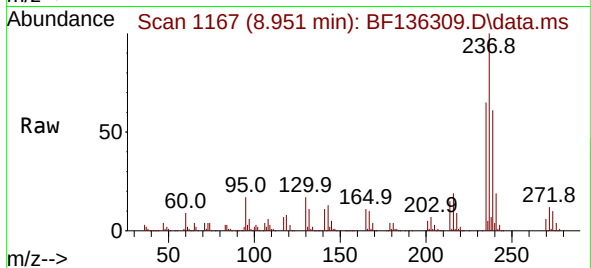
Tgt Ion:216 Resp: 433192
Ion Ratio Lower Upper
216 100
214 80.5 65.8 98.8
179 21.0 17.4 26.0
108 18.5 14.1 21.1



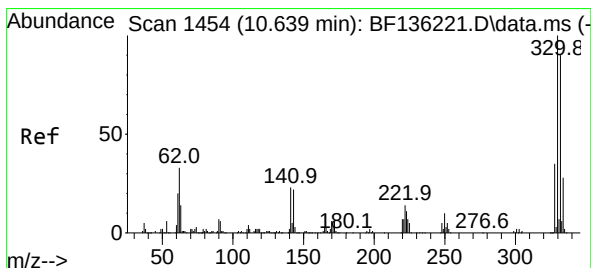
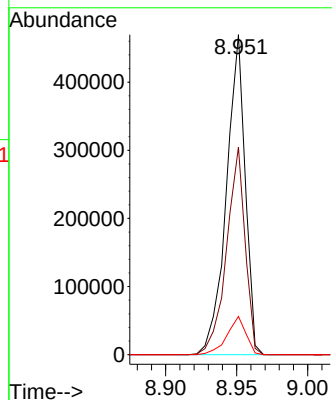
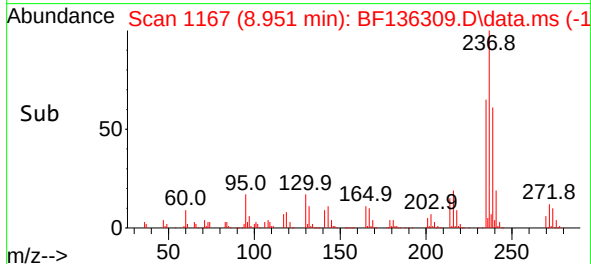


#41
Hexachlorocyclopentadiene
Concen: 102.631 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

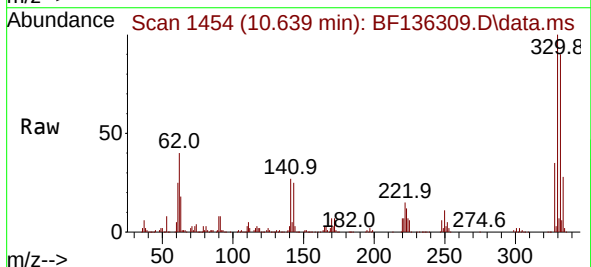
Instrument :
BNA_F
ClientSampleId :



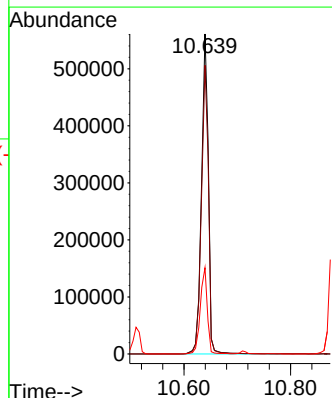
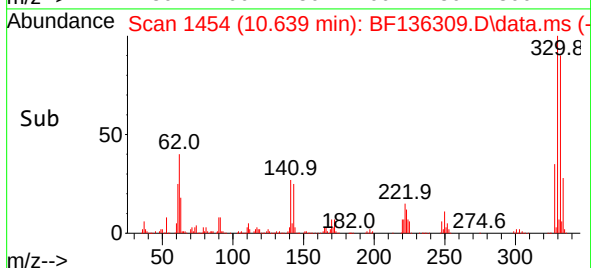
Tgt Ion:237 Resp: 432133
Ion Ratio Lower Upper
237 100
235 64.9 42.1 82.1
272 12.0 0.0 31.0

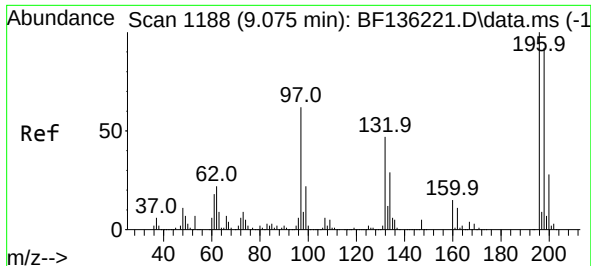


#42
2,4,6-Tribromophenol
Concen: 119.809 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



Tgt Ion:330 Resp: 503637
Ion Ratio Lower Upper
330 100
332 92.2 73.0 109.6
141 27.7 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 41.459 ng

RT: 9.081 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

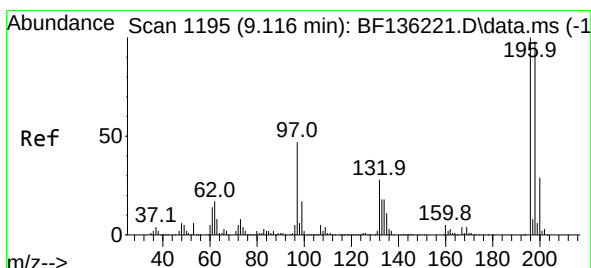
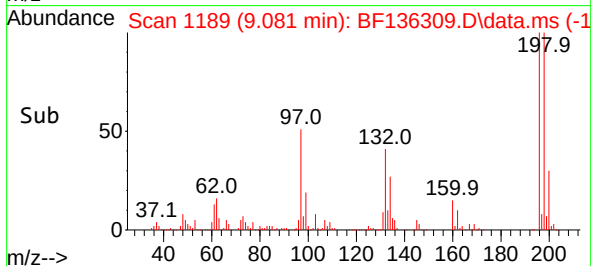
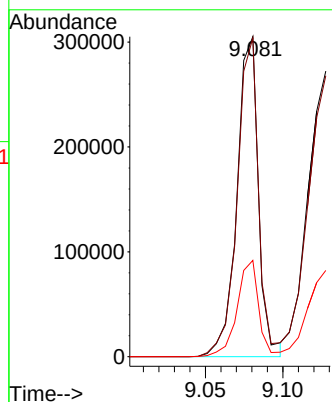
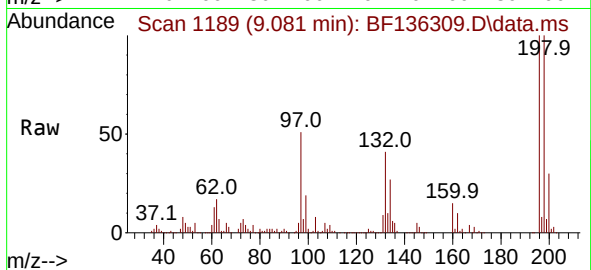
Tgt Ion:196 Resp: 294462

Ion Ratio Lower Upper

196 100

198 99.6 73.2 109.8

200 30.1 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 39.937 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.012 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Tgt Ion:196 Resp: 309551

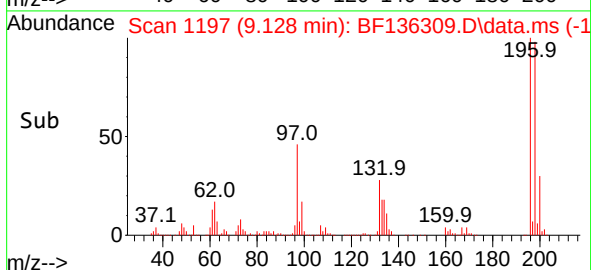
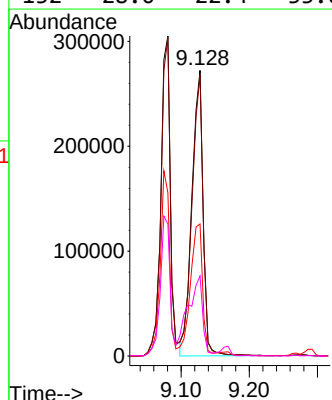
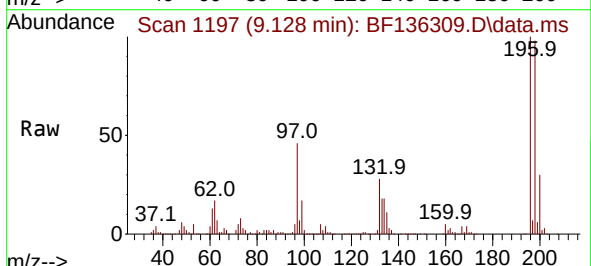
Ion Ratio Lower Upper

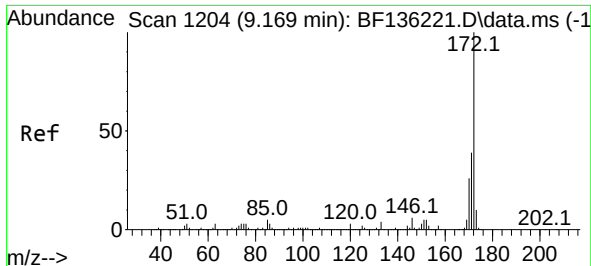
196 100

198 98.4 78.8 118.2

97 46.2 37.8 56.8

132 28.0 22.4 33.6

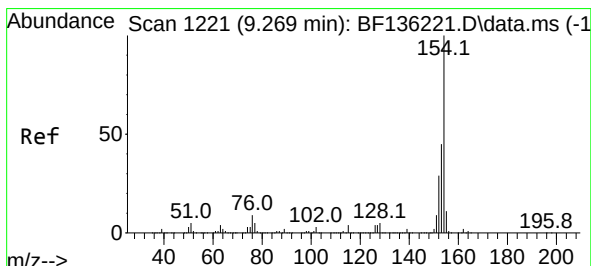
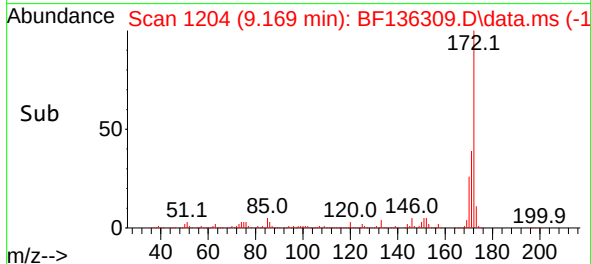
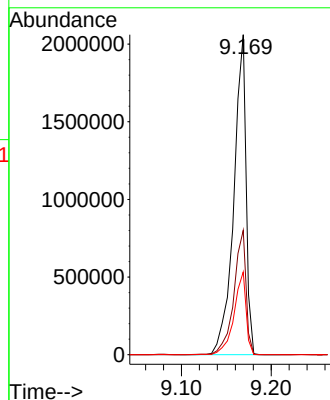
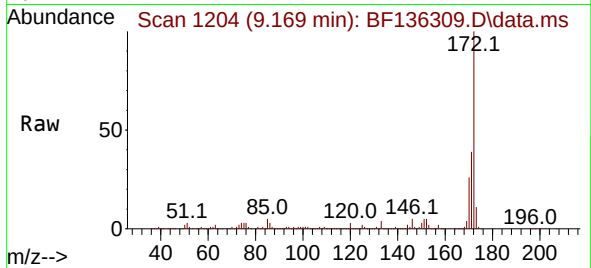




#45
2-Fluorobiphenyl
Concen: 72.928 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

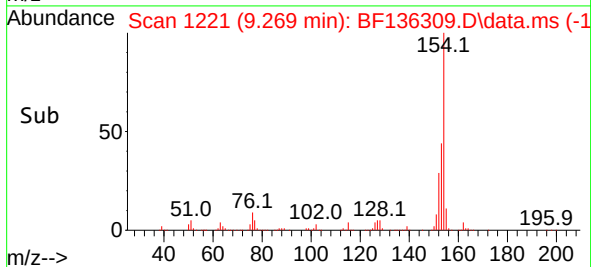
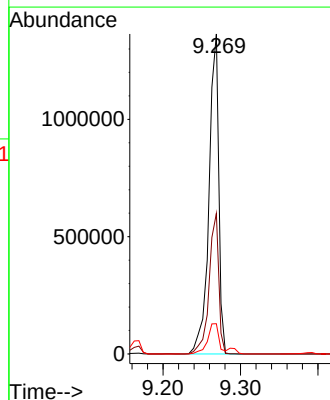
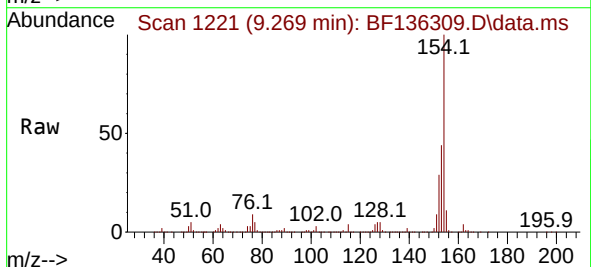
Instrument :
BNA_F
ClientSampleId :

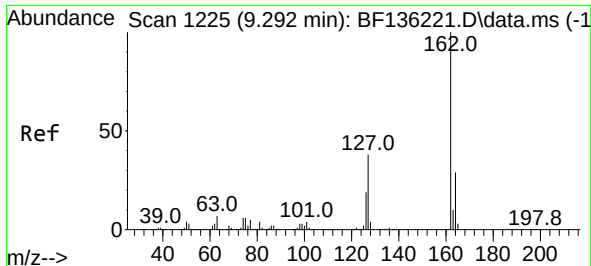
Tgt Ion:172 Resp: 1963132
Ion Ratio Lower Upper
172 100
171 38.8 31.5 47.3
170 25.8 20.8 31.2



#46
1,1'-Biphenyl
Concen: 39.350 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:154 Resp: 1193138
Ion Ratio Lower Upper
154 100
153 43.9 24.6 64.6
76 9.5 0.0 29.4





#47

2-Chloronaphthalene

Concen: 38.452 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

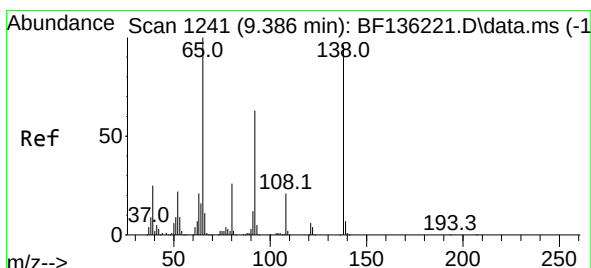
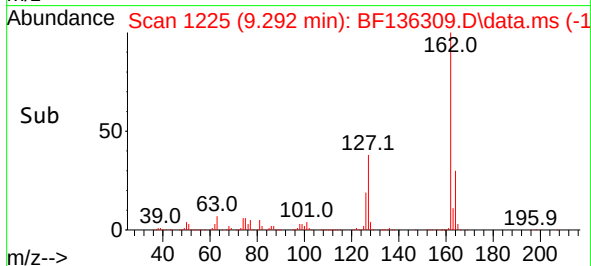
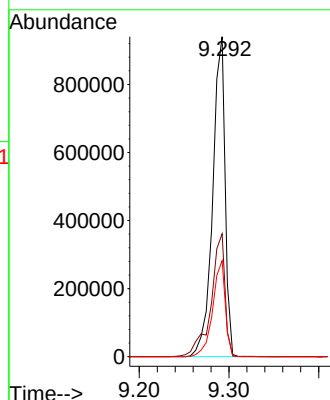
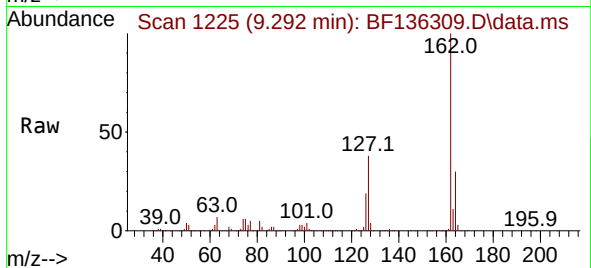
Tgt Ion:162 Resp: 905434

Ion Ratio Lower Upper

162 100

127 38.4 30.2 45.2

164 30.0 22.8 34.2



#48

2-Nitroaniline

Concen: 42.149 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

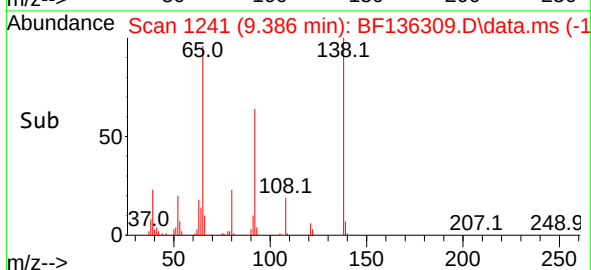
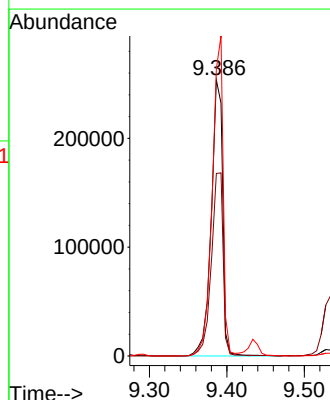
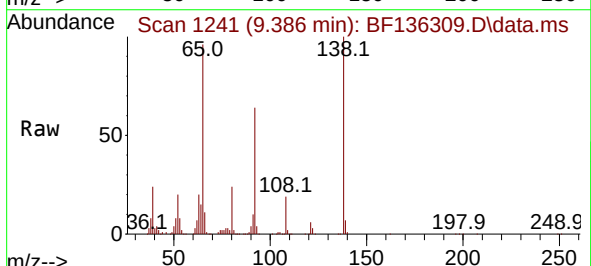
Tgt Ion: 65 Resp: 259119

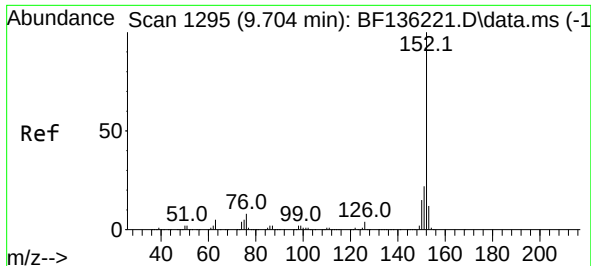
Ion Ratio Lower Upper

65 100

92 66.2 50.6 75.8

138 104.0 76.7 115.1

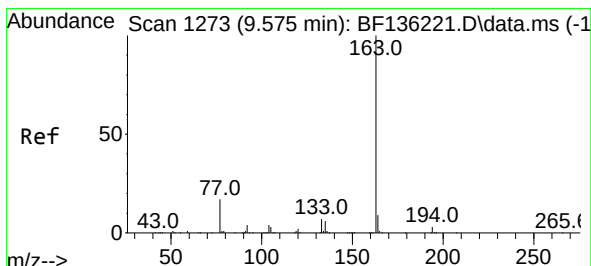
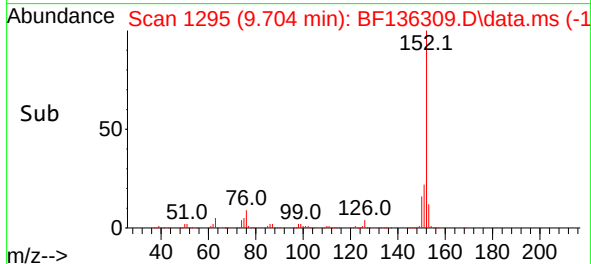
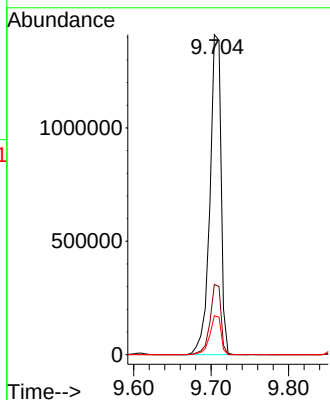
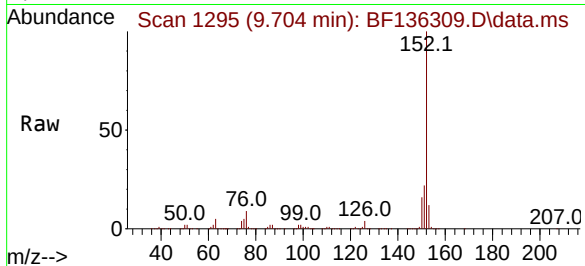




#49
Acenaphthylene
Concen: 41.936 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

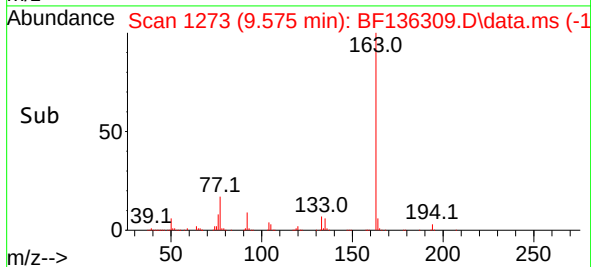
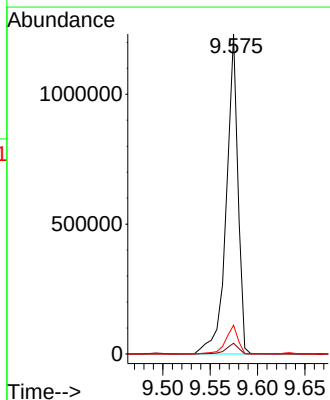
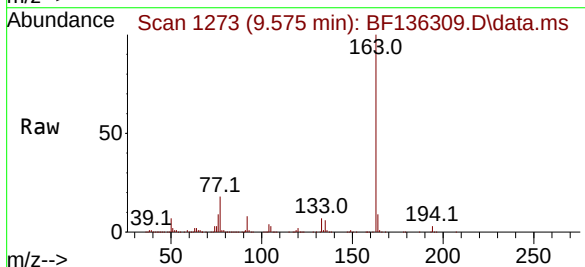
Instrument :
BNA_F
ClientSampleId :

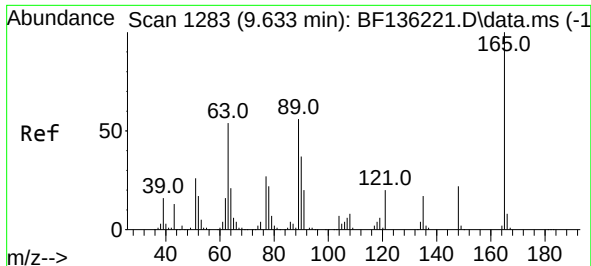
Tgt Ion:152 Resp: 1409174
Ion Ratio Lower Upper
152 100
151 22.0 17.5 26.3
153 12.2 9.6 14.4



#50
Dimethylphthalate
Concen: 40.626 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:163 Resp: 1055778
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 9.0 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 40.977 ng

RT: 9.633 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

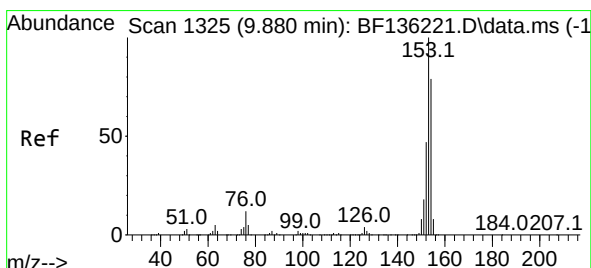
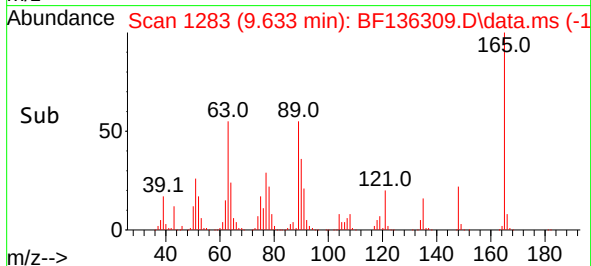
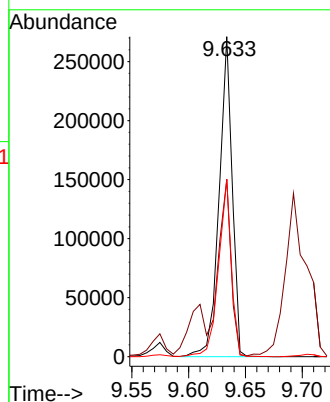
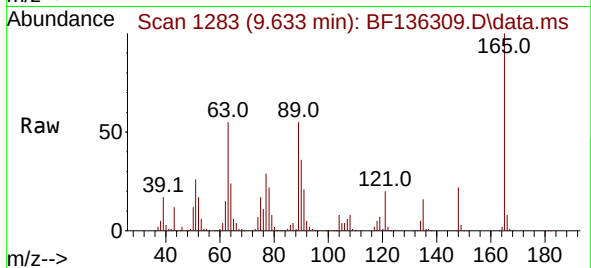
Tgt Ion:165 Resp: 217553

Ion Ratio Lower Upper

165 100

63 55.4 46.2 69.2

89 55.4 44.9 67.3



#52

Acenaphthene

Concen: 39.552 ng

RT: 9.881 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

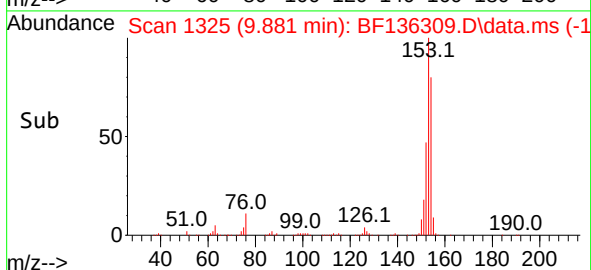
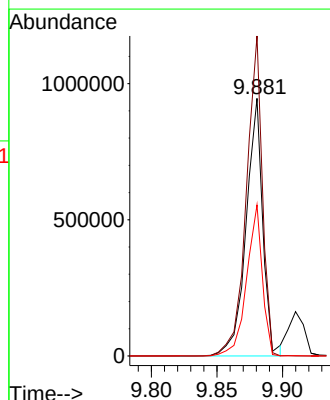
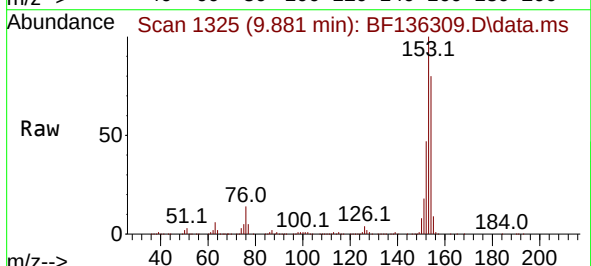
Tgt Ion:154 Resp: 839908

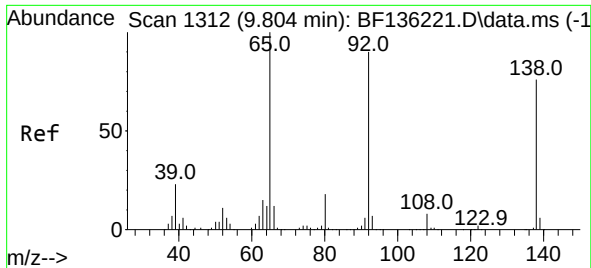
Ion Ratio Lower Upper

154 100

153 124.2 100.8 151.2

152 58.6 47.0 70.6

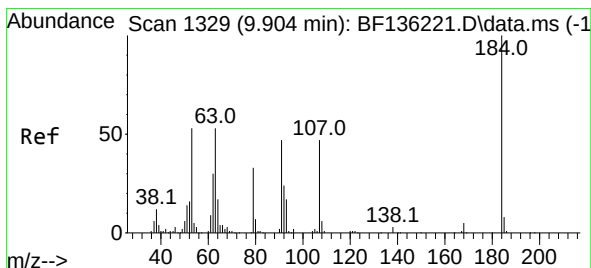
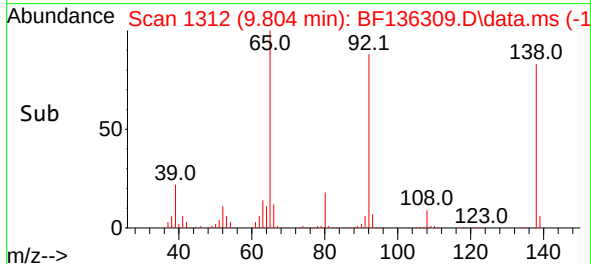
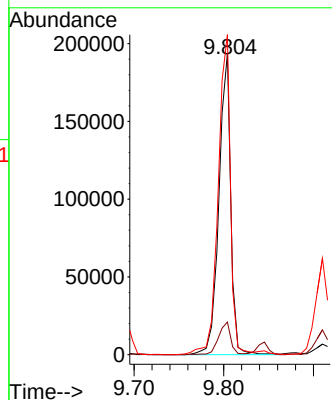
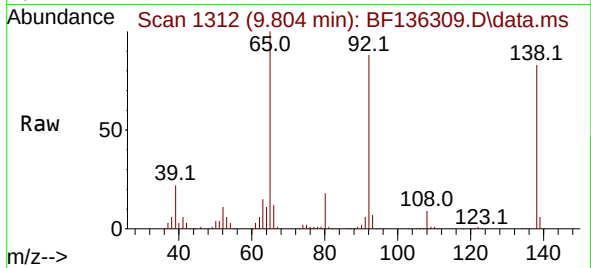




#53
3-Nitroaniline
Concen: 33.559 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

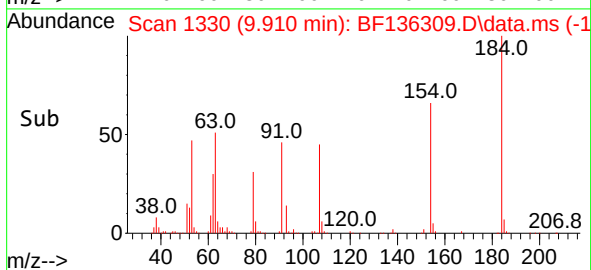
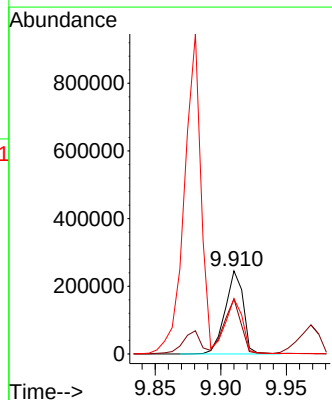
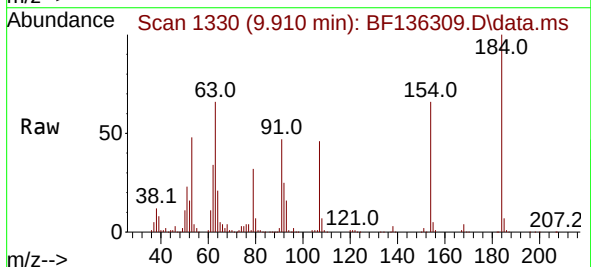
Instrument :
BNA_F
ClientSampleId :

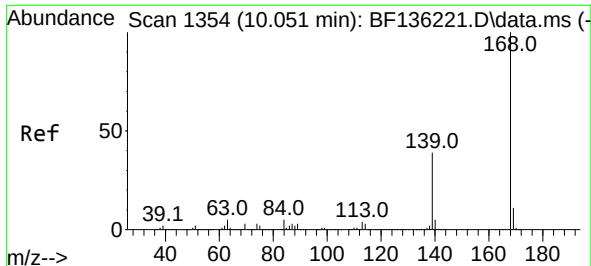
Tgt Ion:138 Resp: 176787
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 106.4 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 95.495 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

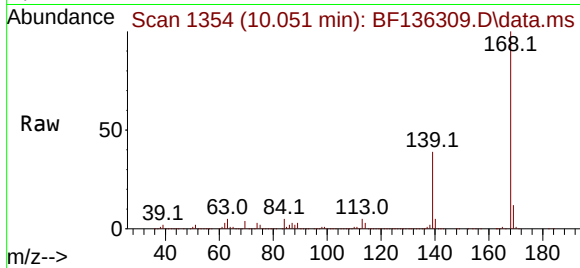
Tgt Ion:184 Resp: 235796
Ion Ratio Lower Upper
184 100
63 66.2 55.0 82.4
154 66.4 54.9 82.3



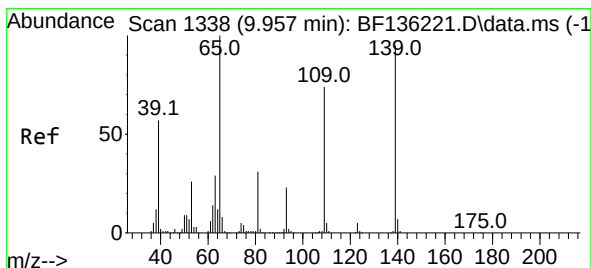
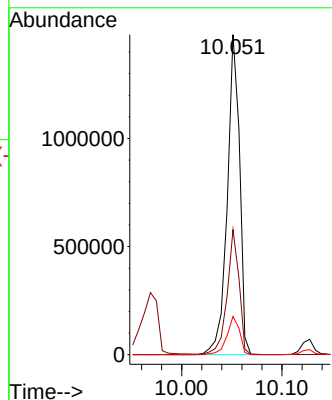
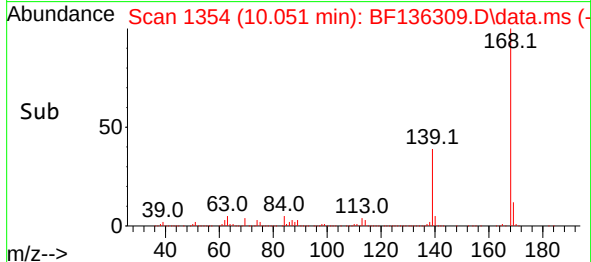


#55
Dibenzofuran
Concen: 39.891 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Instrument :
BNA_F
ClientSampleId :

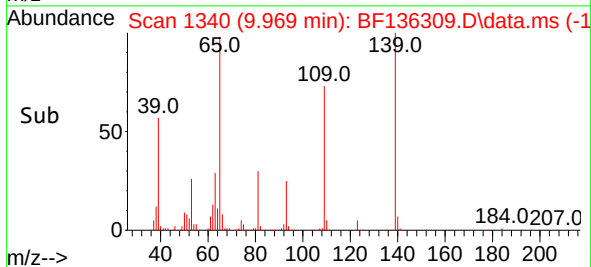
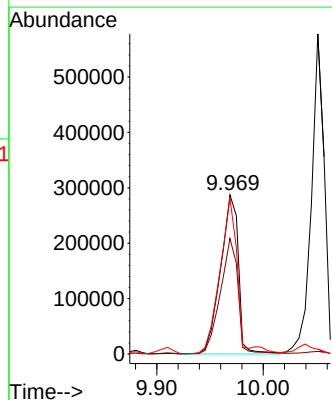
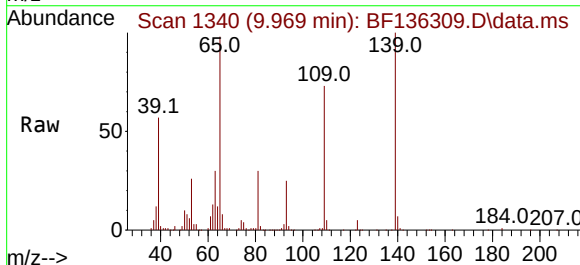


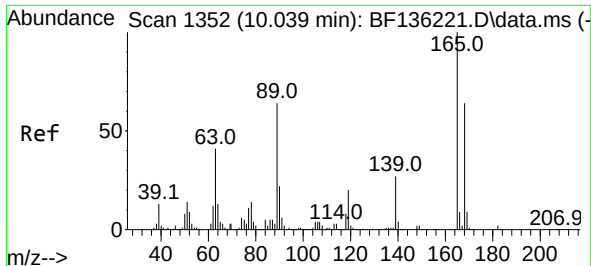
Tgt Ion:168 Resp: 1260516
Ion Ratio Lower Upper
168 100
139 39.0 30.9 46.3
169 12.0 9.1 13.7



#56
4-Nitrophenol
Concen: 83.425 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

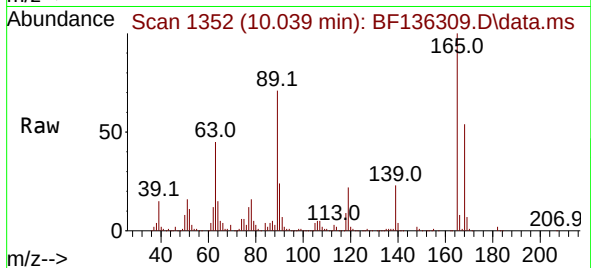
Tgt Ion:139 Resp: 333779
Ion Ratio Lower Upper
139 100
109 72.6 57.8 97.8
65 97.9 86.0 126.0



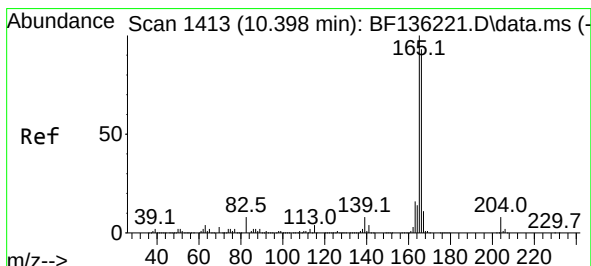
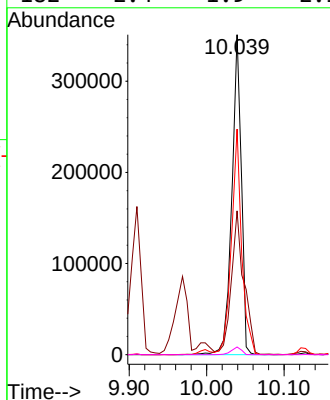
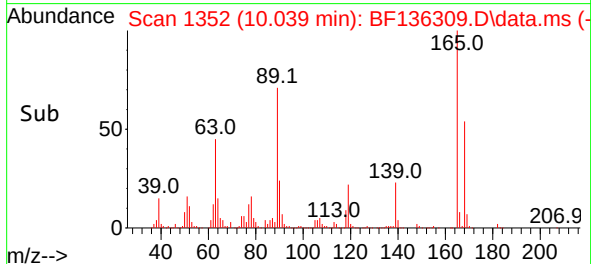


#57
2,4-Dinitrotoluene
Concen: 42.102 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

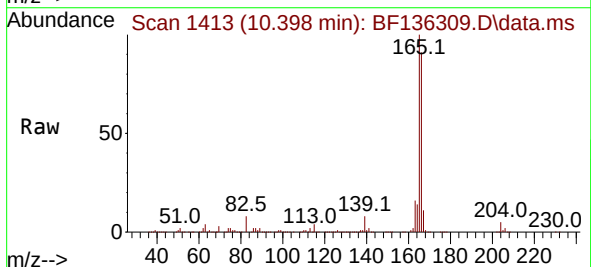
Instrument :
BNA_F
ClientSampleId :



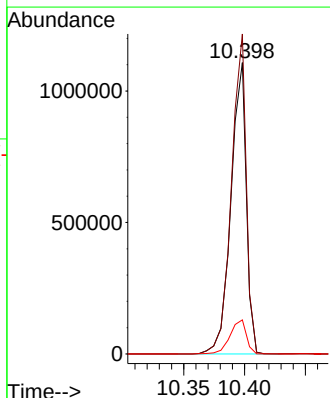
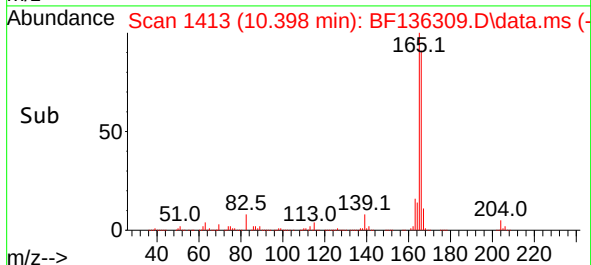
Tgt Ion:165 Resp: 298579
Ion Ratio Lower Upper
165 100
63 45.0 33.0 49.4
89 70.5 51.5 77.3
182 2.4 1.9 2.9

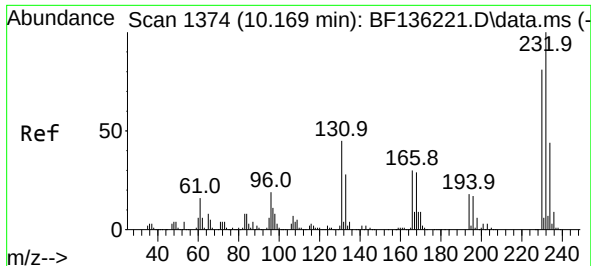


#58
Fluorene
Concen: 39.067 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



Tgt Ion:166 Resp: 968316
Ion Ratio Lower Upper
166 100
165 109.8 86.2 129.4
167 11.7 9.1 13.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.493 ng

RT: 10.169 min Scan# 1374

Delta R.T. 0.000 min

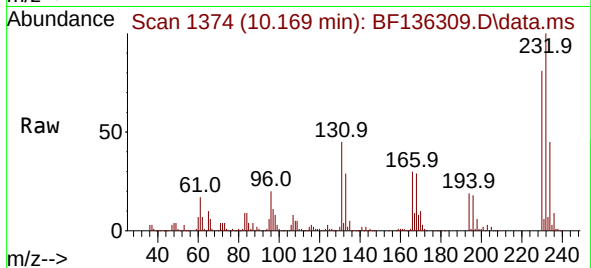
Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:232 Resp: 262055

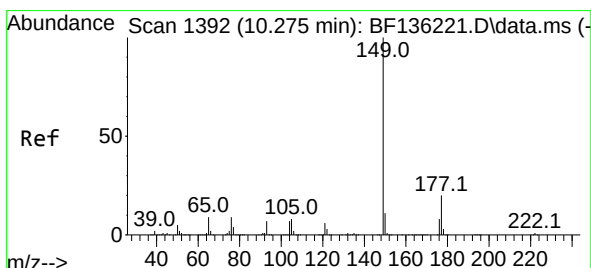
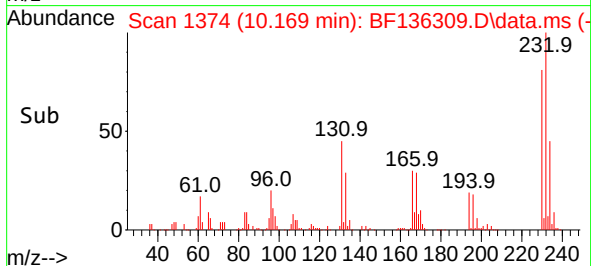
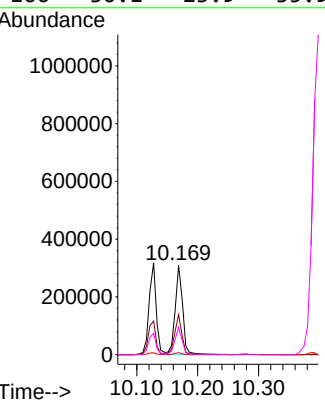
Ion Ratio Lower Upper

232 100

131 43.4 36.4 54.6

130 2.2 1.9 2.9

166 30.1 23.9 35.9



#60

Diethylphthalate

Concen: 39.974 ng

RT: 10.275 min Scan# 1392

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

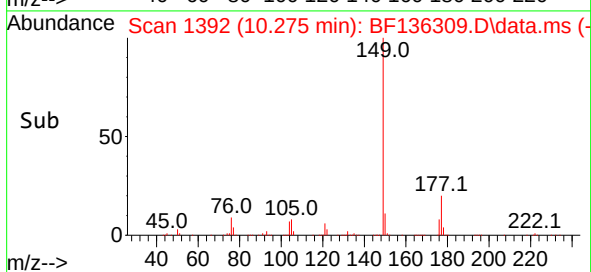
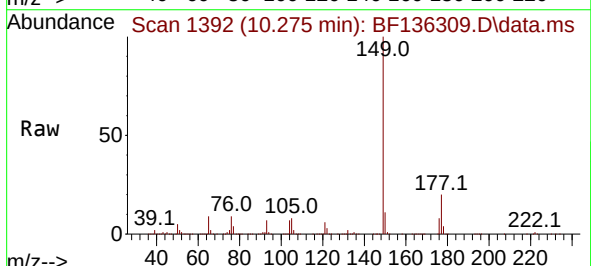
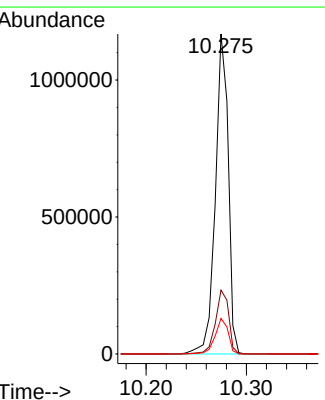
Tgt Ion:149 Resp: 1039162

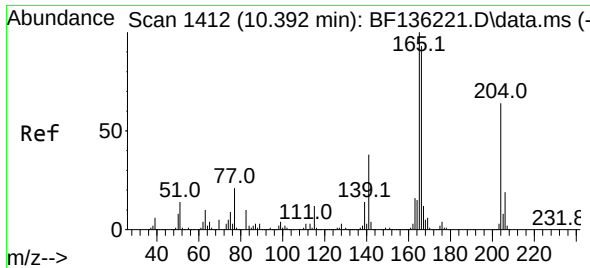
Ion Ratio Lower Upper

149 100

177 19.9 15.8 23.6

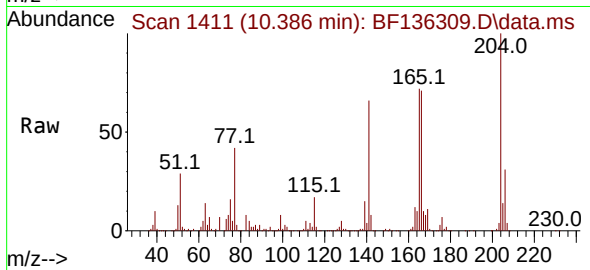
150 11.1 8.8 13.2



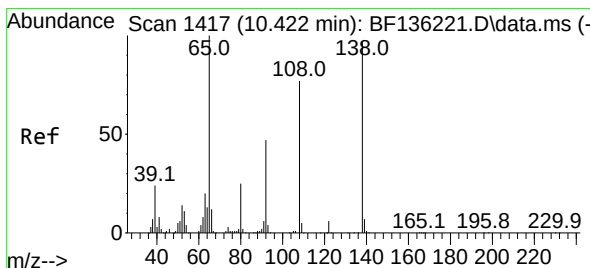
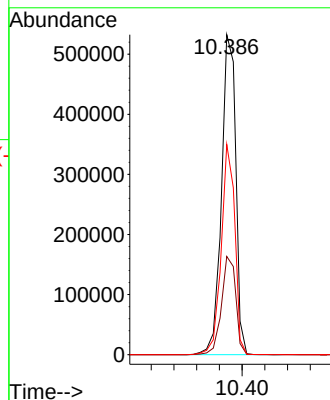
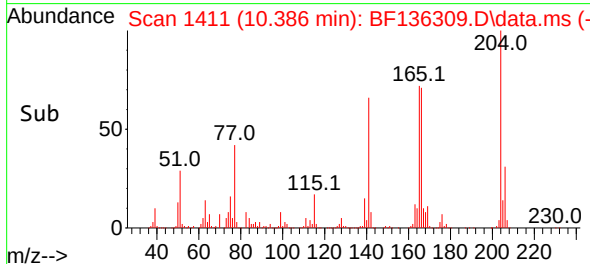


#61
4-Chlorophenyl-phenylether
Concen: 38.749 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

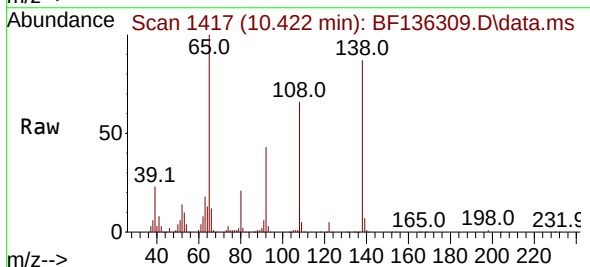
Instrument :
BNA_F
ClientSampleId :



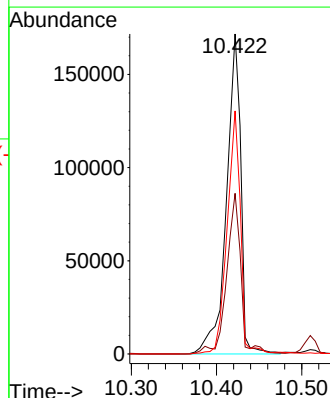
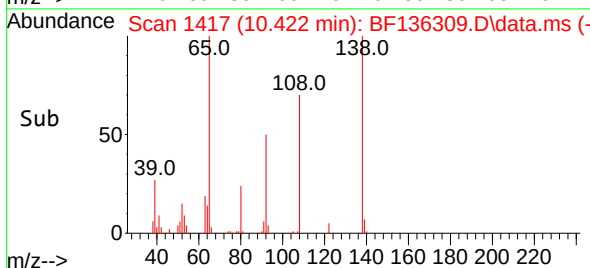
Tgt Ion:204 Resp: 466413
Ion Ratio Lower Upper
204 100
206 30.7 23.4 35.0
141 65.7 47.6 71.4

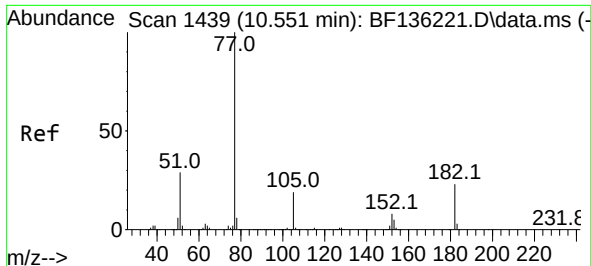


#62
4-Nitroaniline
Concen: 38.870 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



Tgt Ion:138 Resp: 200431
Ion Ratio Lower Upper
138 100
92 50.2 28.5 68.5
108 76.0 59.8 99.8

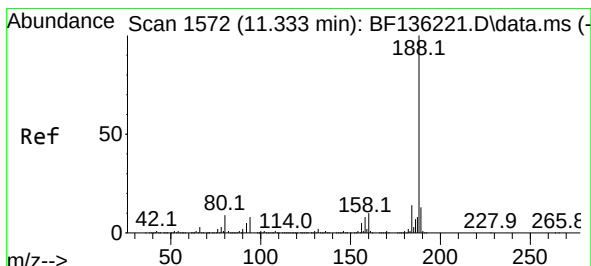
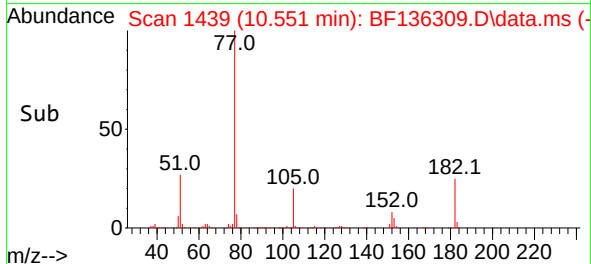
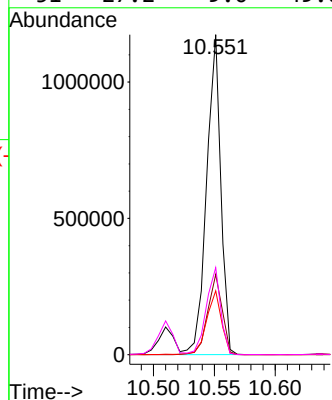
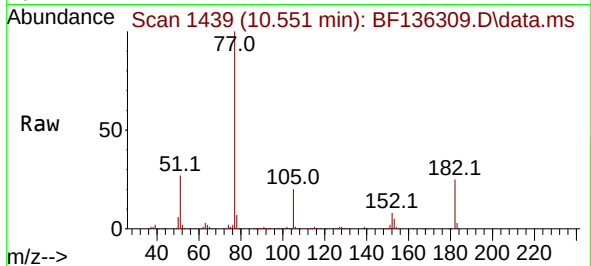




#63
Azobenzene
Concen: 39.274 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

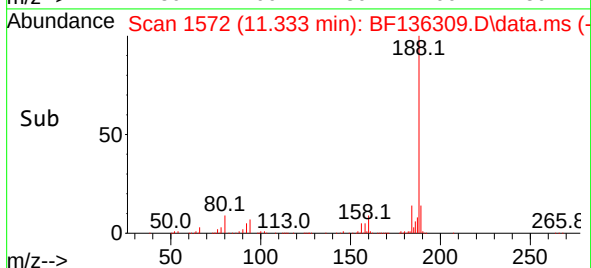
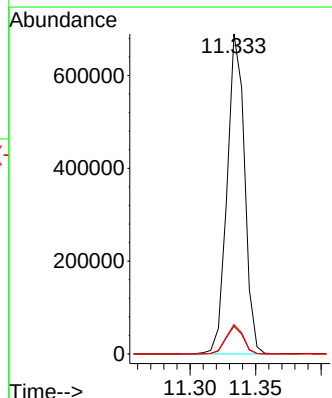
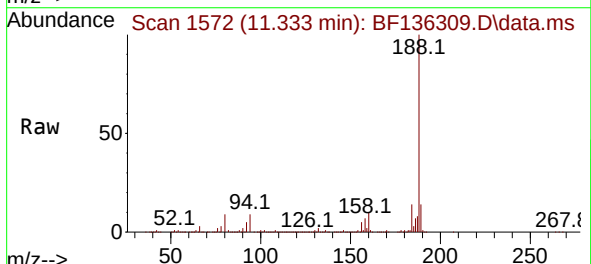
Instrument :
BNA_F
ClientSampleId :

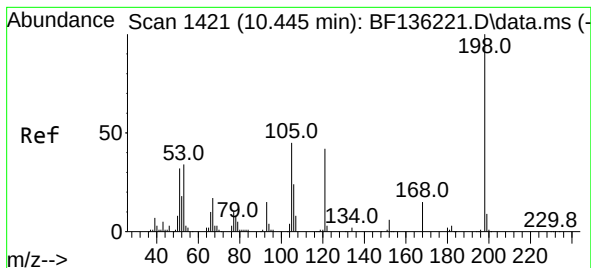
Tgt Ion:	77	Resp:	946520
Ion	Ratio	Lower	Upper
77	100		
182	25.0	3.3	43.3
105	19.9	0.0	39.5
51	27.2	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:	188	Resp:	637253
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.2	7.2	10.8

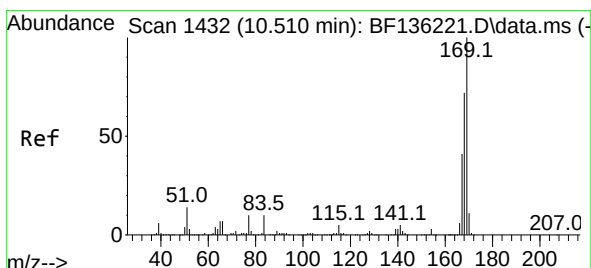
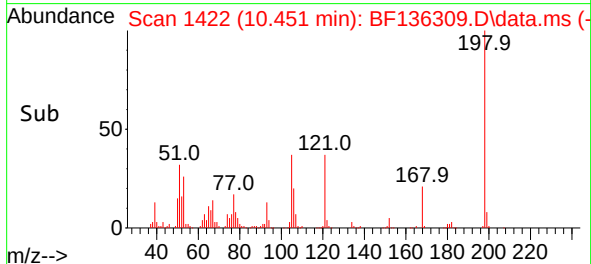
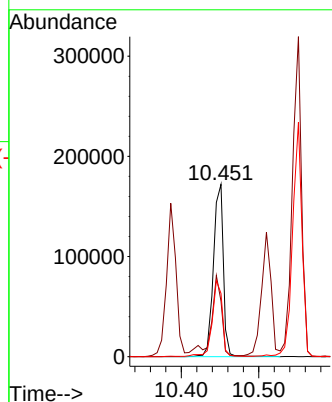
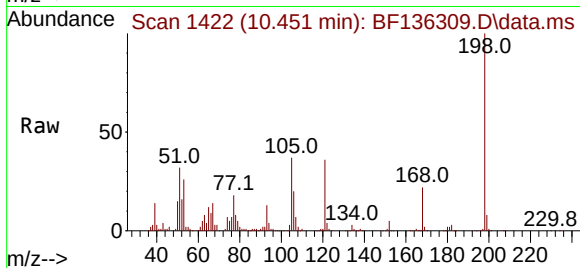




#65
4,6-Dinitro-2-methylphenol
Concen: 44.010 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

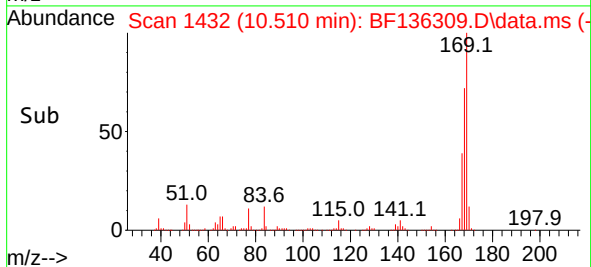
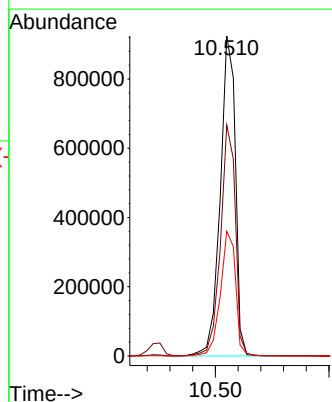
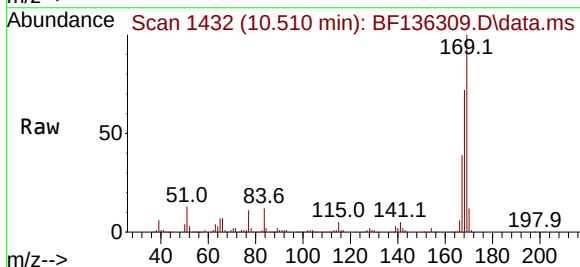
Instrument :
BNA_F
ClientSampleId :

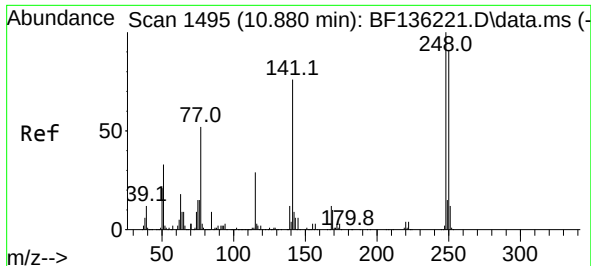
Tgt Ion:198 Resp: 153367
Ion Ratio Lower Upper
198 100
51 32.2 28.2 68.2
105 36.7 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 42.018 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

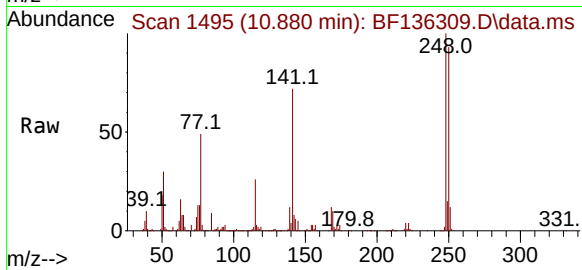
Tgt Ion:169 Resp: 858078
Ion Ratio Lower Upper
169 100
168 72.1 57.8 86.6
167 39.0 32.7 49.1



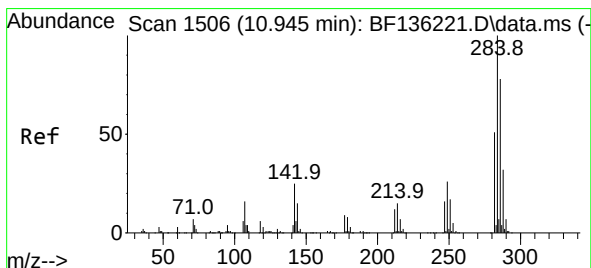
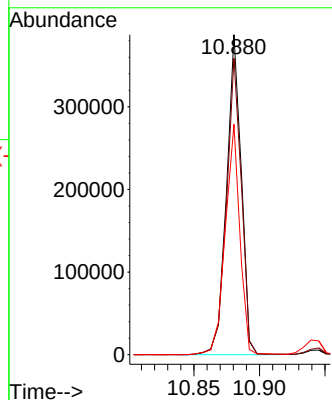
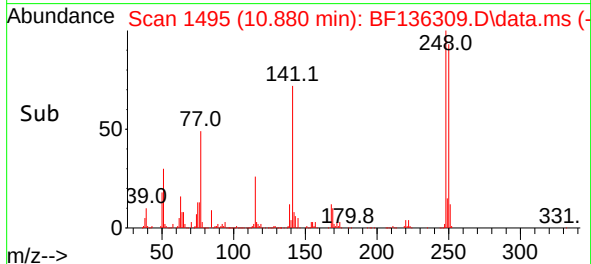


#67
4-Bromophenyl-phenylether
Concen: 40.634 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

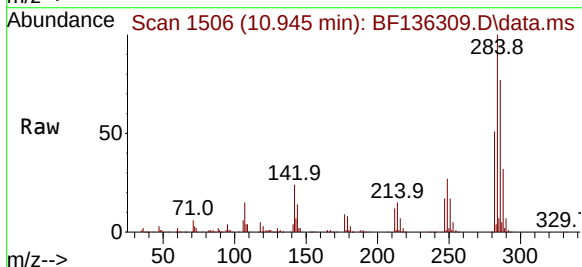
Instrument :
BNA_F
ClientSampleId :



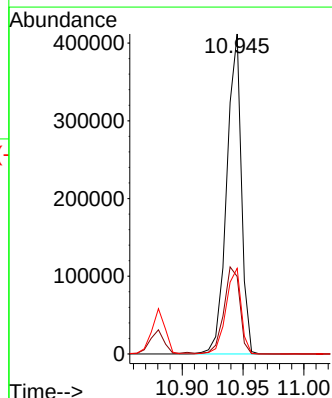
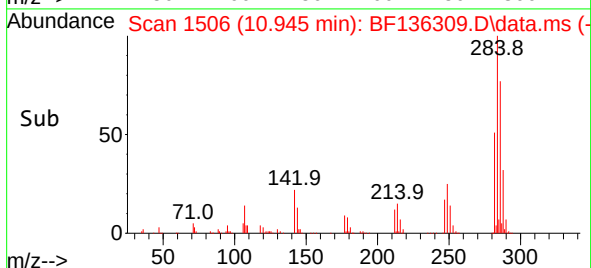
Tgt Ion:248 Resp: 302093
Ion Ratio Lower Upper
248 100
250 92.7 72.5 108.7
141 72.0 60.8 91.2

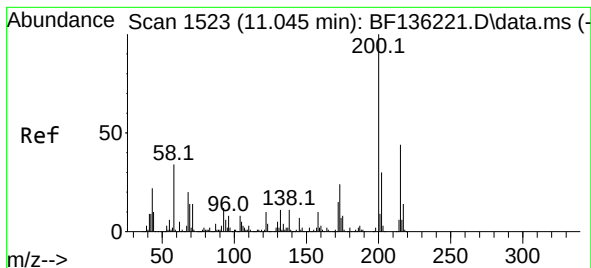


#68
Hexachlorobenzene
Concen: 39.941 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



Tgt Ion:284 Resp: 343674
Ion Ratio Lower Upper
284 100
142 24.2 19.8 29.8
249 26.7 21.0 31.4





#69

Atrazine

Concen: 41.033 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

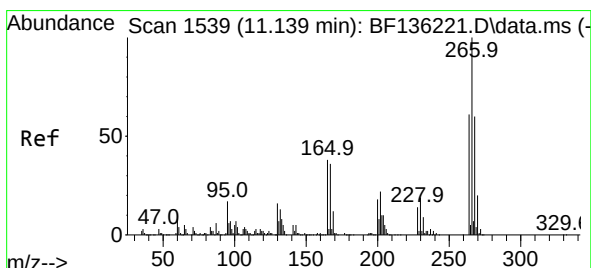
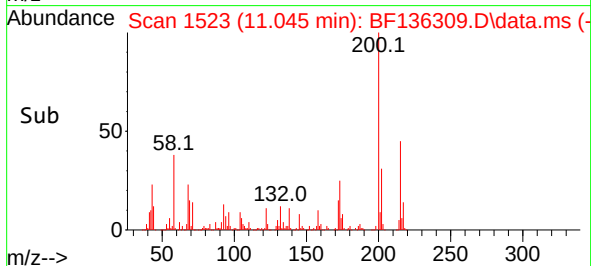
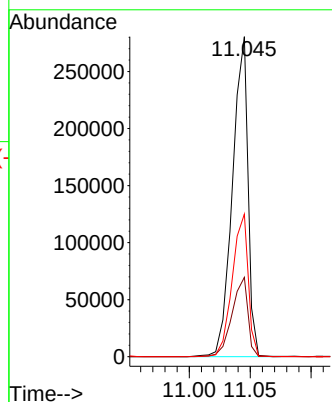
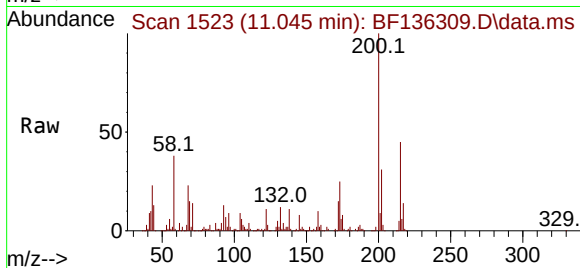
Tgt Ion:200 Resp: 248577

Ion Ratio Lower Upper

200 100

173 24.8 4.3 44.3

215 44.5 23.8 63.8



#70

Pentachlorophenol

Concen: 66.623 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

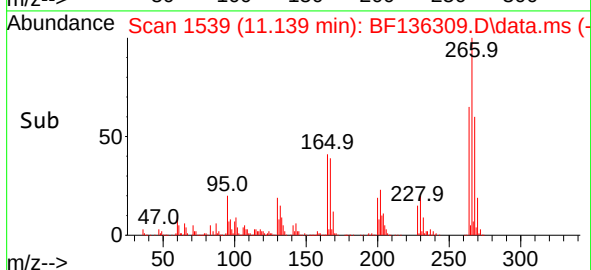
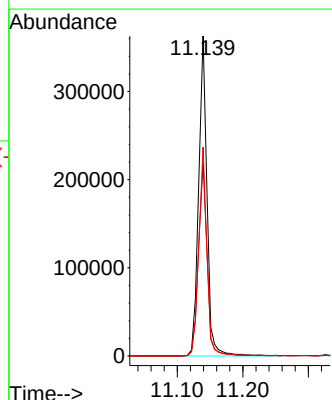
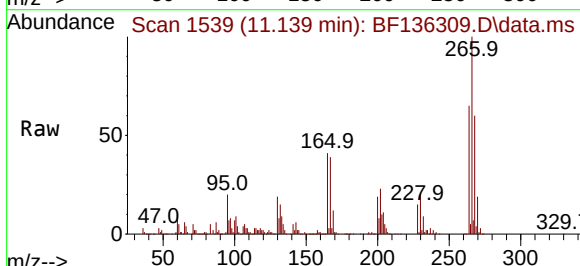
Tgt Ion:266 Resp: 324041

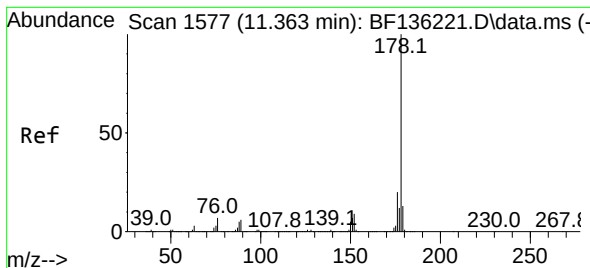
Ion Ratio Lower Upper

266 100

268 60.1 47.9 71.9

264 65.2 49.1 73.7





#71

Phenanthrene

Concen: 41.140 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

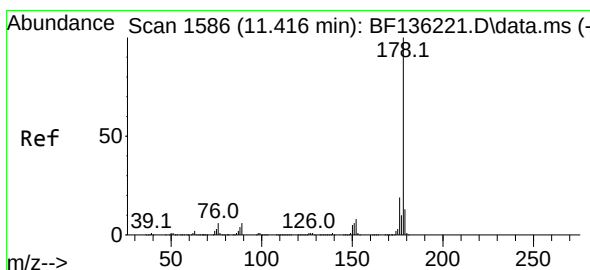
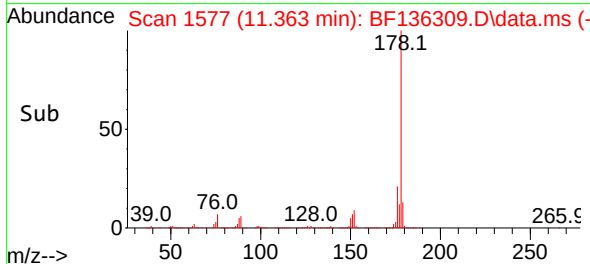
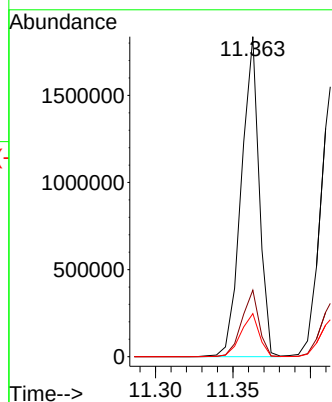
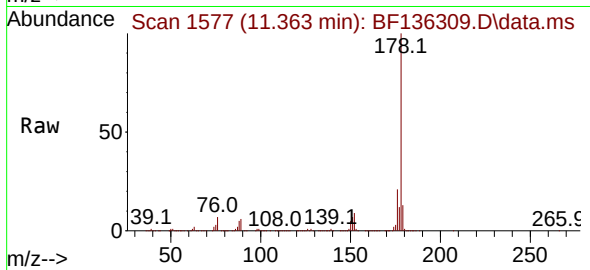
Tgt Ion:178 Resp: 1473491

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.2

179 13.4 10.3 15.5



#72

Anthracene

Concen: 41.394 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

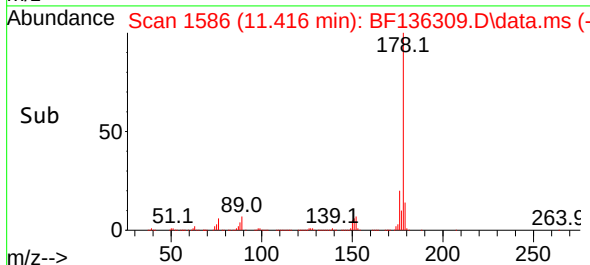
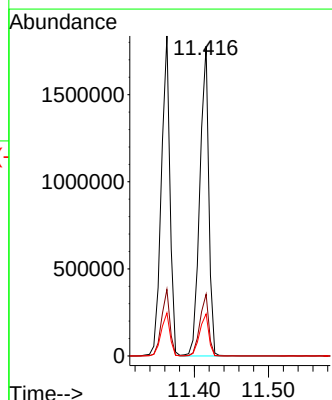
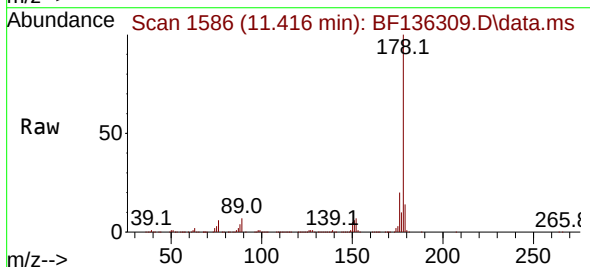
Tgt Ion:178 Resp: 1486759

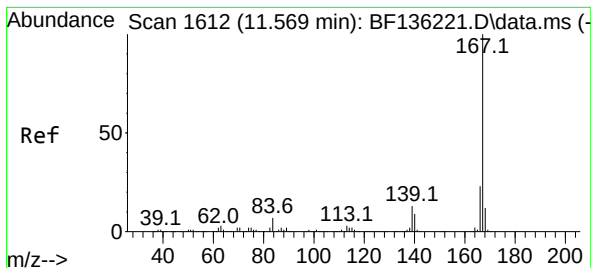
Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

179 13.6 10.5 15.7





#73

Carbazole

Concen: 38.995 ng

RT: 11.569 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

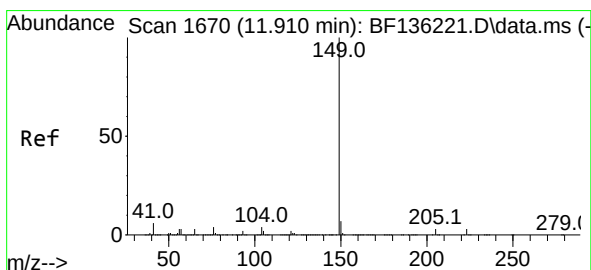
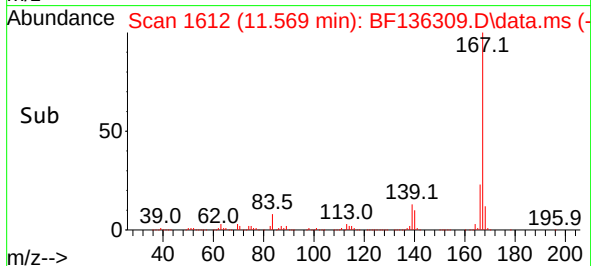
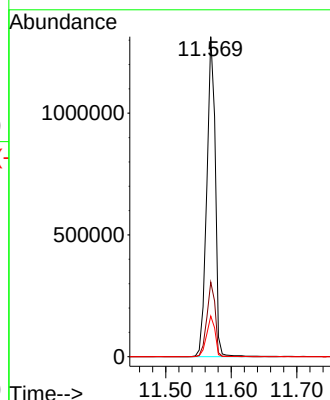
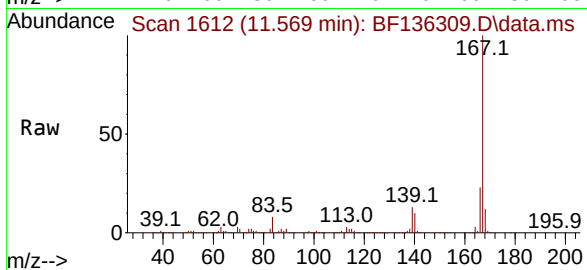
Tgt Ion:167 Resp: 1191212

Ion Ratio Lower Upper

167 100

166 23.3 18.4 27.6

139 12.7 10.5 15.7



#74

Di-n-butylphthalate

Concen: 41.668 ng

RT: 11.904 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

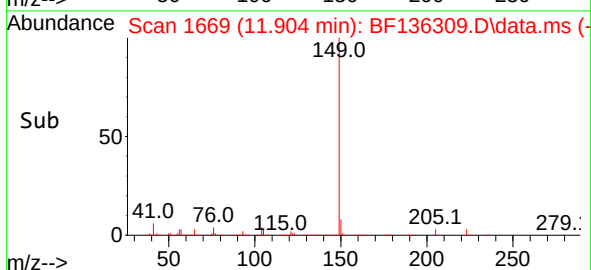
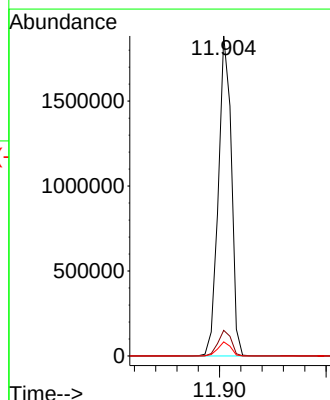
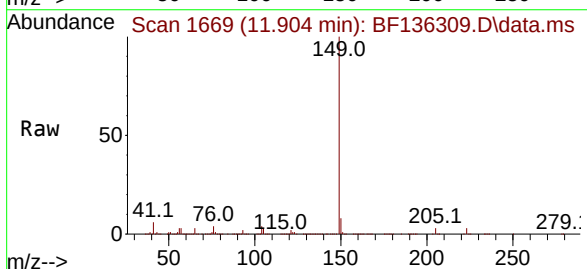
Tgt Ion:149 Resp: 1592633

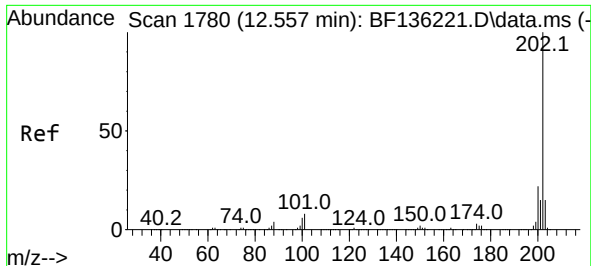
Ion Ratio Lower Upper

149 100

150 8.0 6.0 9.0

104 4.4 3.5 5.3

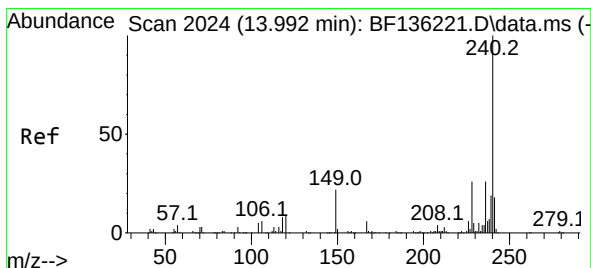
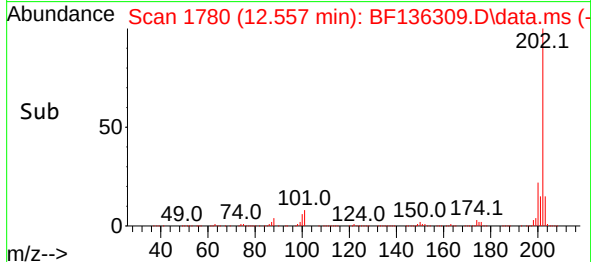
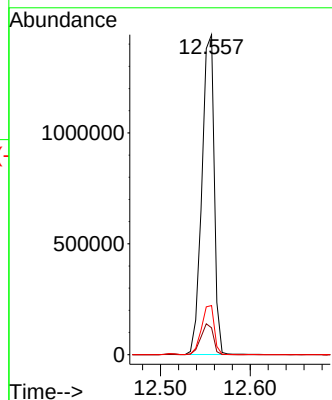
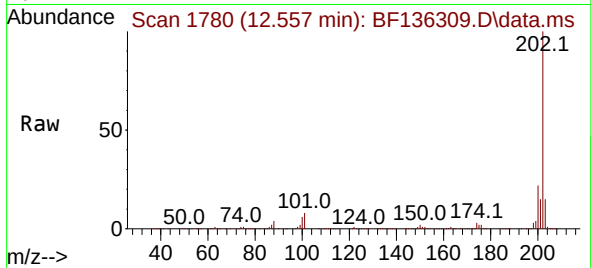




#75
Fluoranthene
Concen: 37.825 ng
RT: 12.557 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

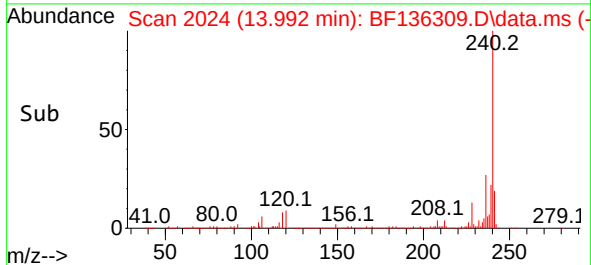
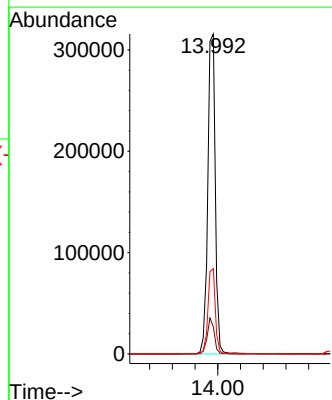
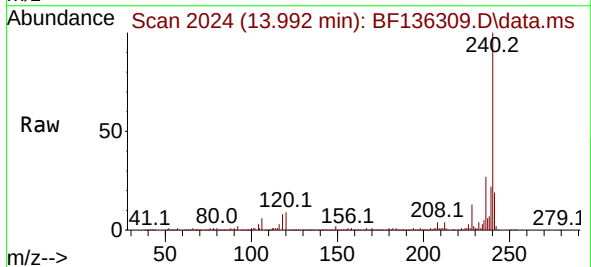
Instrument :
BNA_F
ClientSampleId :

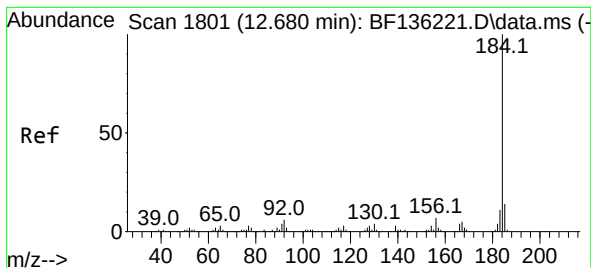
Tgt Ion:202 Resp: 1375319
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.8
203 15.4 0.0 34.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:240 Resp: 289634
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.2
236 26.6 21.1 31.7





#77

Benzidine

Concen: 23.831 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

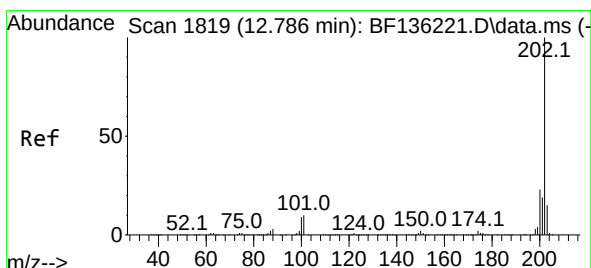
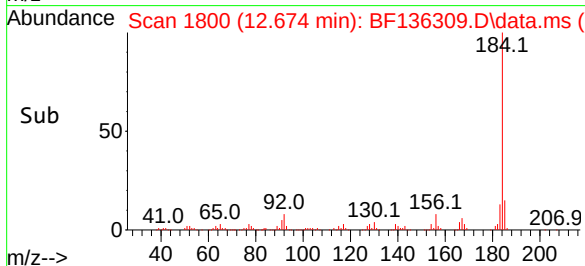
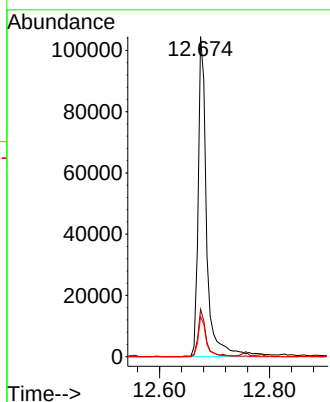
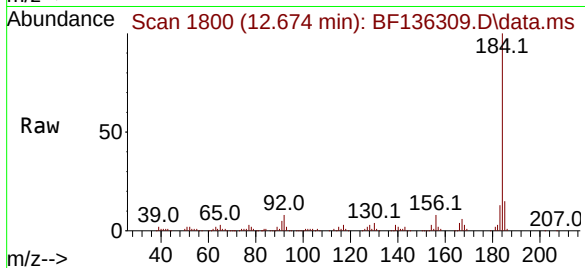
Tgt Ion:184 Resp: 113461

Ion Ratio Lower Upper

184 100

185 14.8 11.0 16.6

183 12.5 9.0 13.4



#78

Pyrene

Concen: 42.261 ng

RT: 12.786 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

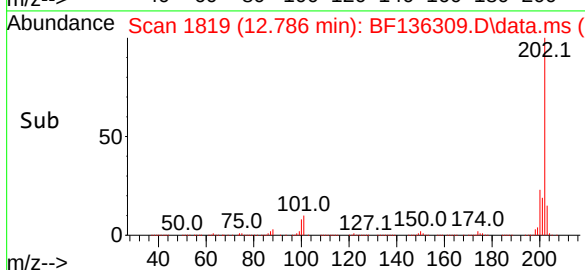
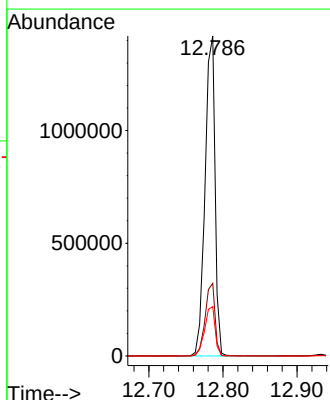
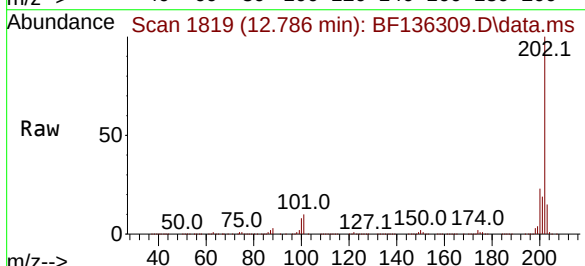
Tgt Ion:202 Resp: 1340528

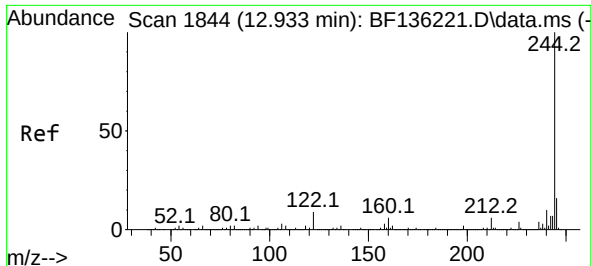
Ion Ratio Lower Upper

202 100

200 22.7 18.4 27.6

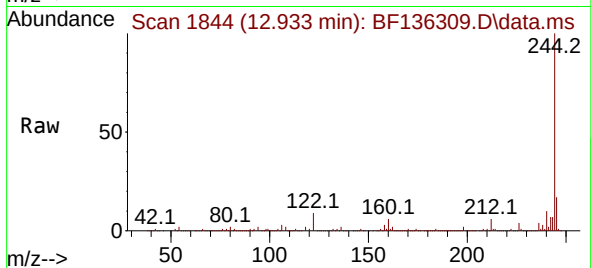
203 15.4 11.8 17.6



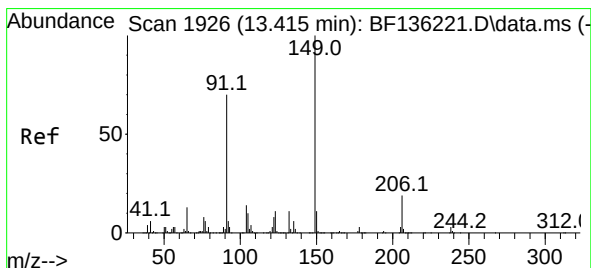
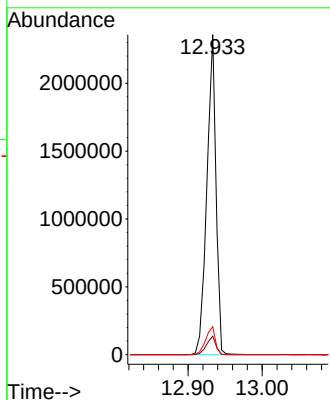
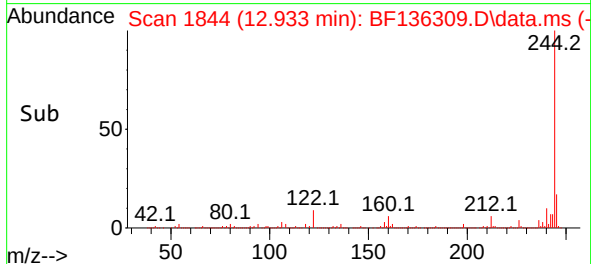


#79
 Terphenyl-d14
 Concen: 80.554 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39

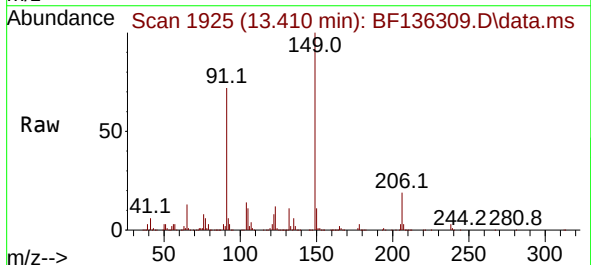
Instrument :
 BNA_F
 ClientSampleId :



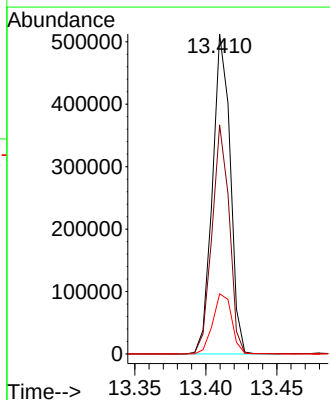
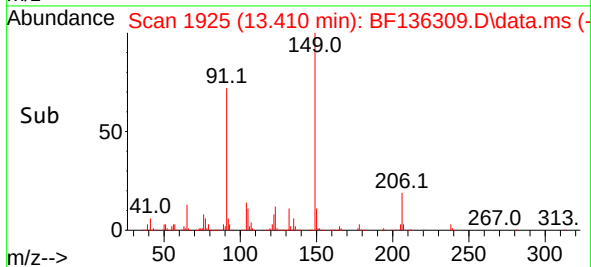
Tgt Ion:244 Resp: 2022669
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 8.8 7.3 10.9

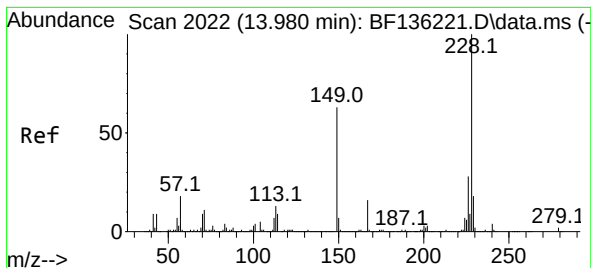


#80
 Butylbenzylphthalate
 Concen: 45.159 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39



Tgt Ion:149 Resp: 445815
 Ion Ratio Lower Upper
 149 100
 91 71.6 56.4 84.6
 206 18.8 14.8 22.2





#81

Benzo(a)anthracene

Concen: 40.757 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

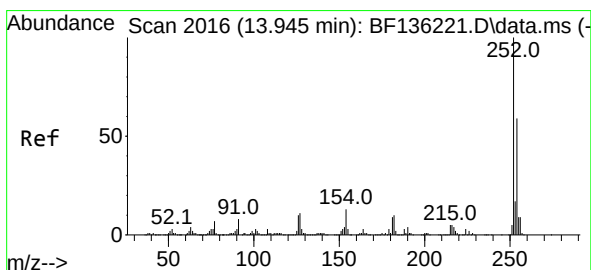
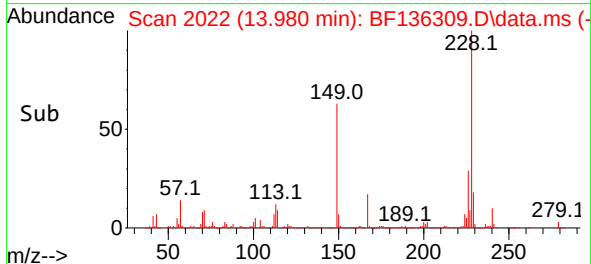
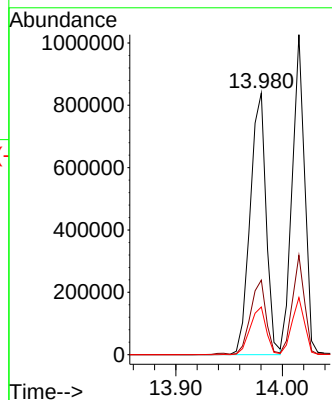
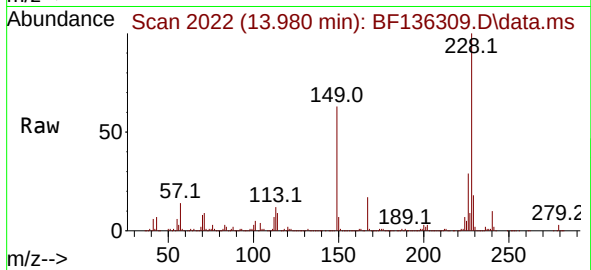
Tgt Ion:228 Resp: 876814

Ion Ratio Lower Upper

228 100

226 28.5 22.6 34.0

229 18.2 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 44.647 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

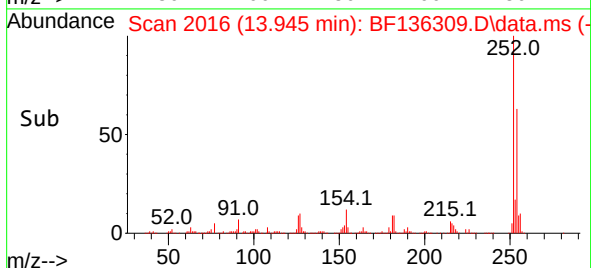
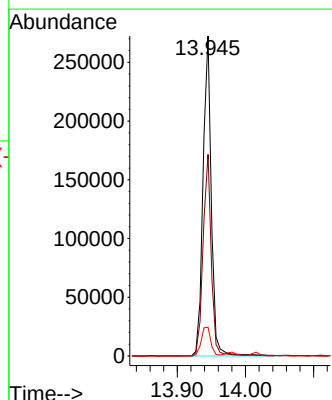
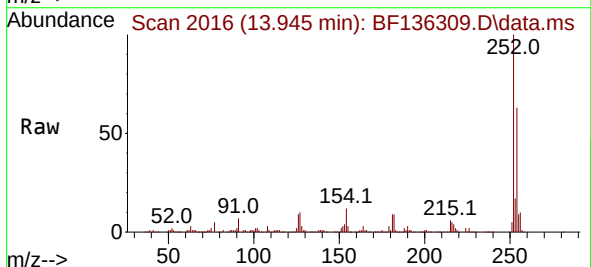
Tgt Ion:252 Resp: 231208

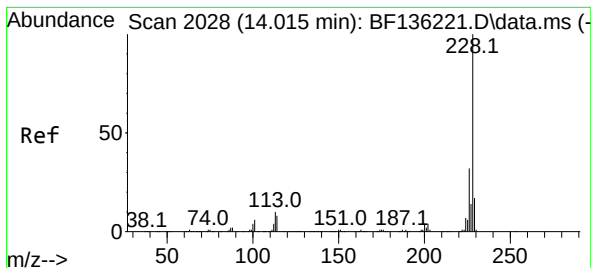
Ion Ratio Lower Upper

252 100

254 63.0 47.4 71.2

126 9.0 8.3 12.5





#83

Chrysene

Concen: 40.407 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

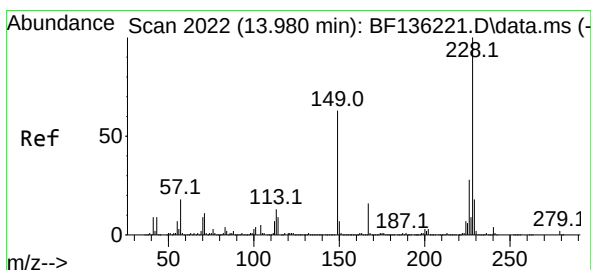
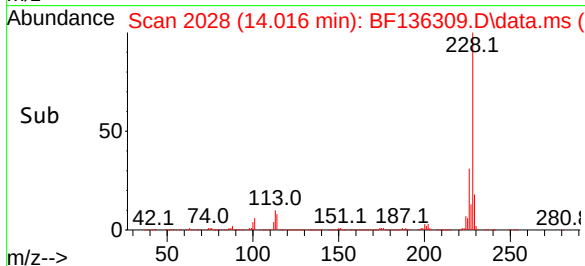
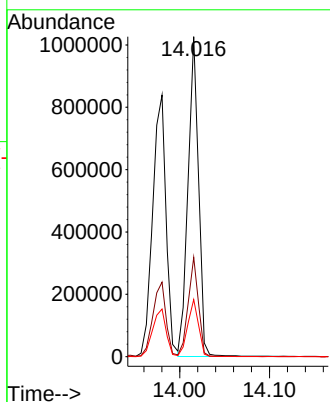
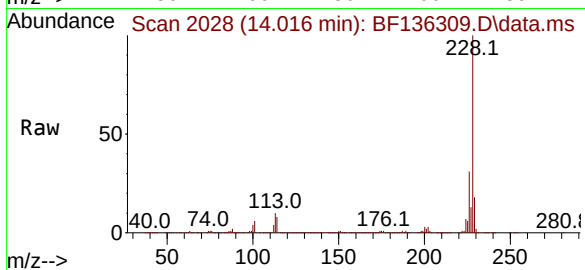
Tgt Ion:228 Resp: 839317

Ion Ratio Lower Upper

228 100

226 31.1 25.5 38.3

229 17.9 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.782 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

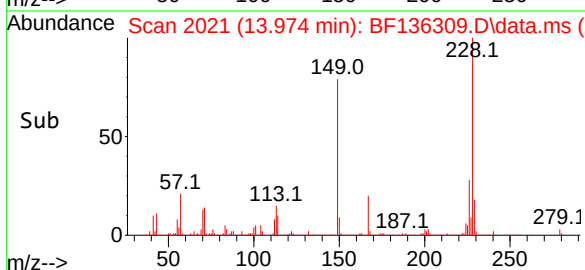
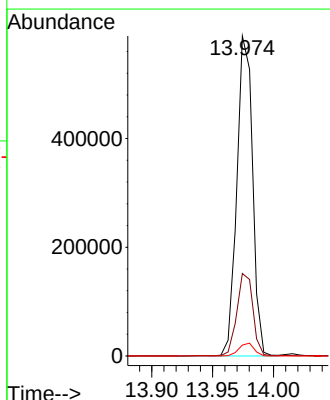
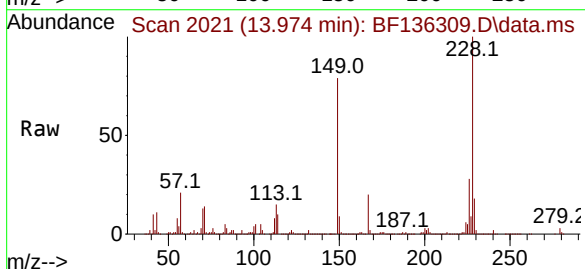
Tgt Ion:149 Resp: 530566

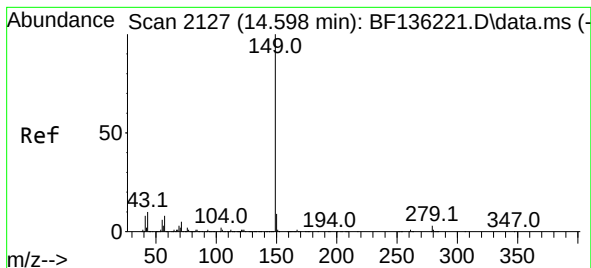
Ion Ratio Lower Upper

149 100

167 25.8 20.2 30.2

279 3.4 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 46.851 ng

RT: 14.592 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

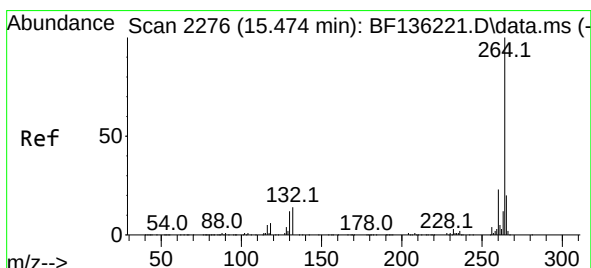
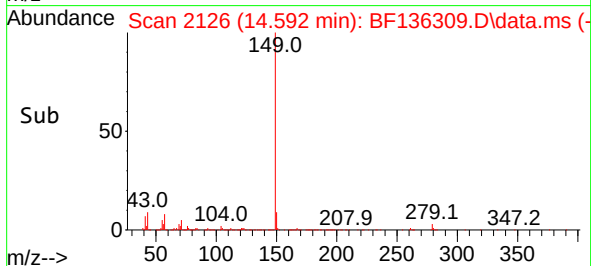
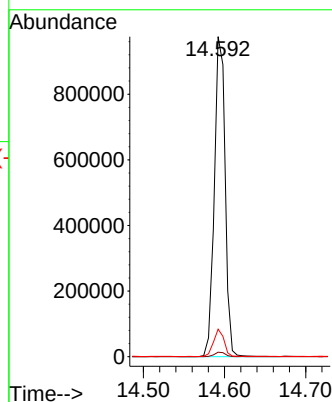
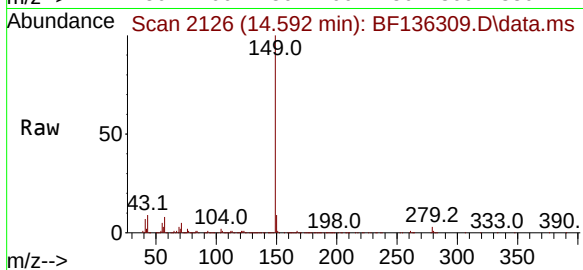
Tgt Ion:149 Resp: 898840

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 8.3 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

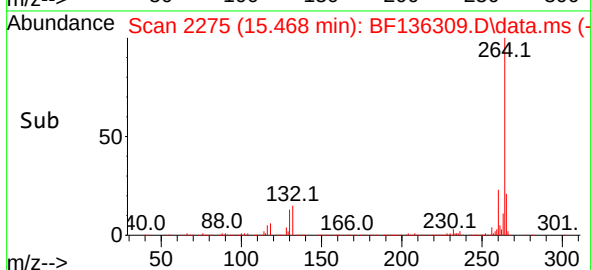
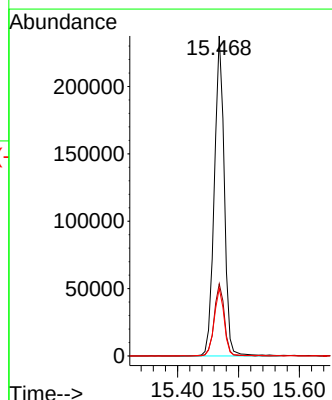
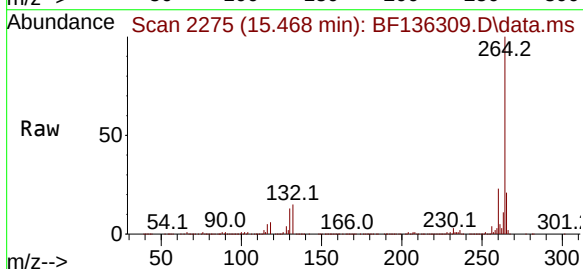
Tgt Ion:264 Resp: 269593

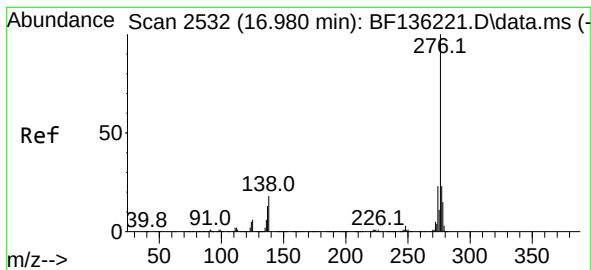
Ion Ratio Lower Upper

264 100

260 22.5 18.6 27.8

265 21.1 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.184 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

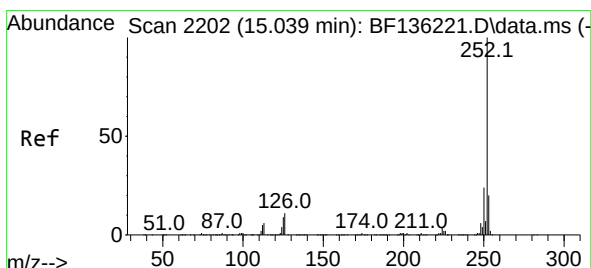
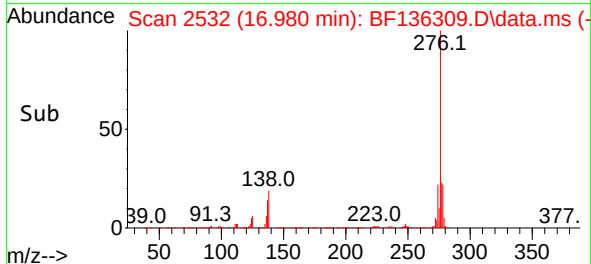
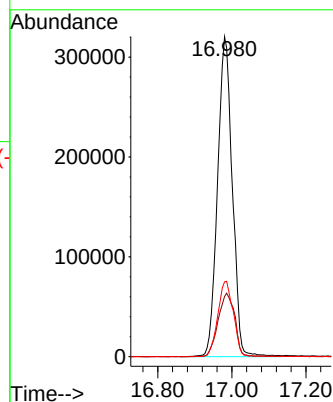
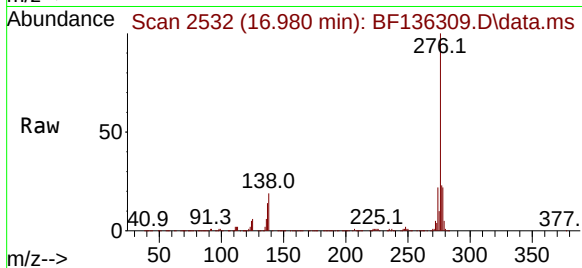
Tgt Ion:276 Resp: 885822

Ion Ratio Lower Upper

276 100

138 22.4 17.7 26.5

277 24.6 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 43.518 ng

RT: 15.033 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

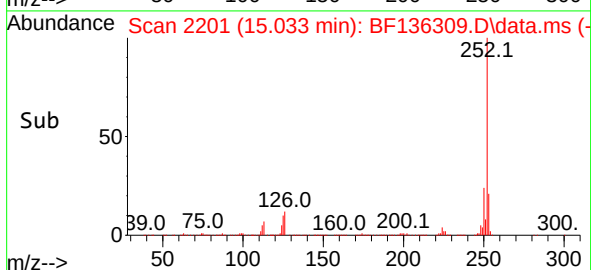
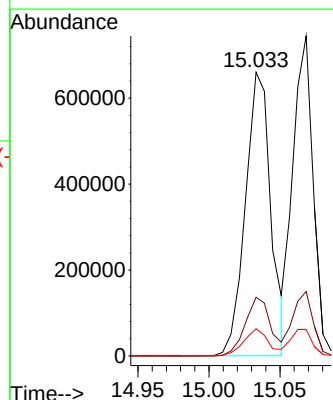
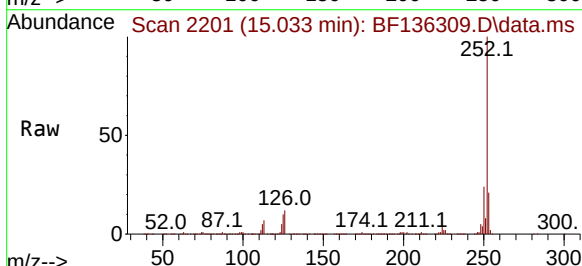
Tgt Ion:252 Resp: 823107

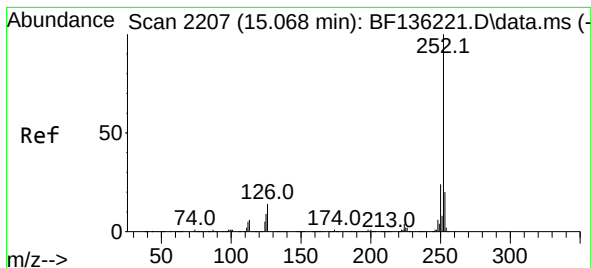
Ion Ratio Lower Upper

252 100

253 20.7 16.2 24.2

125 9.6 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 41.576 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

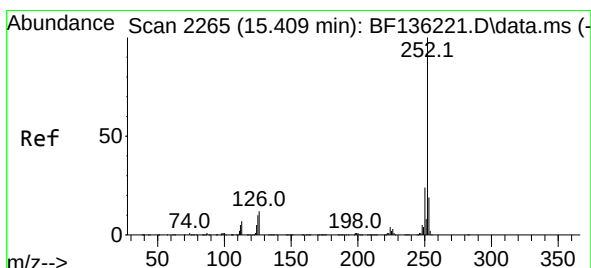
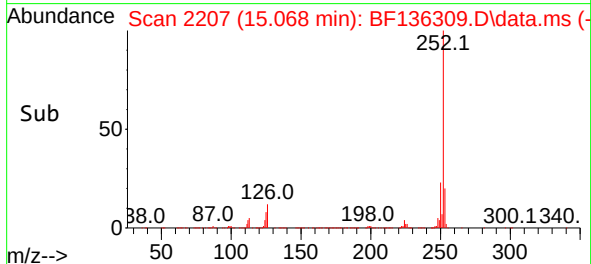
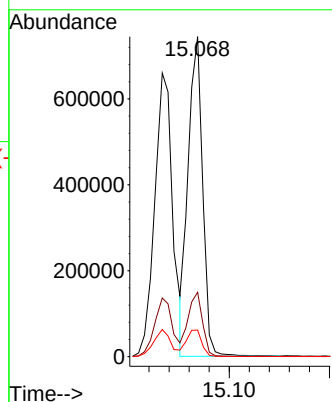
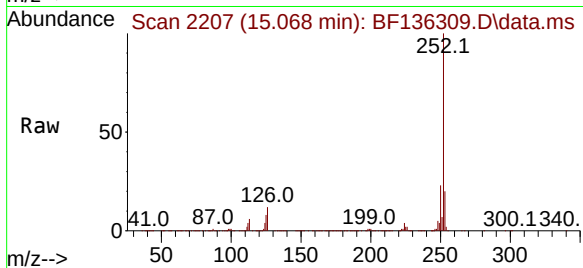
Tgt Ion:252 Resp: 746872

Ion Ratio Lower Upper

252 100

253 20.2 15.6 23.4

125 8.3 7.0 10.4



#90

Benzo(a)pyrene

Concen: 44.665 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.001 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

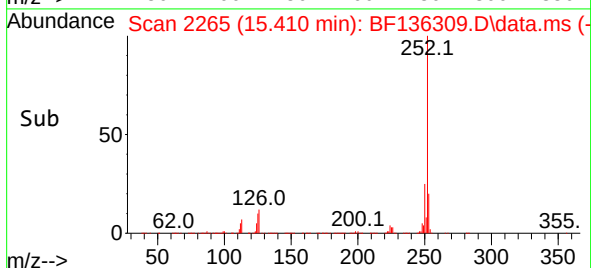
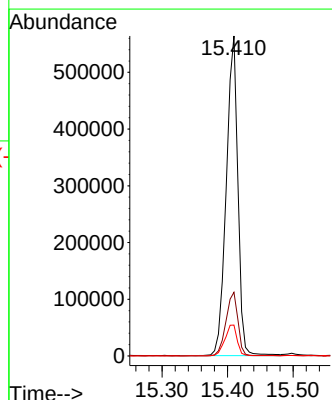
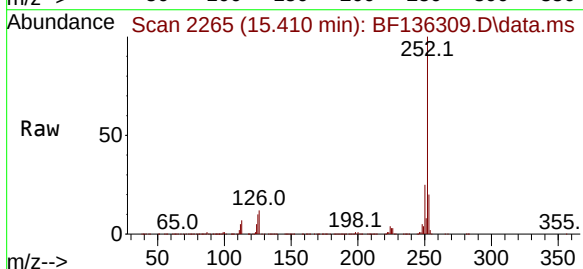
Tgt Ion:252 Resp: 690608

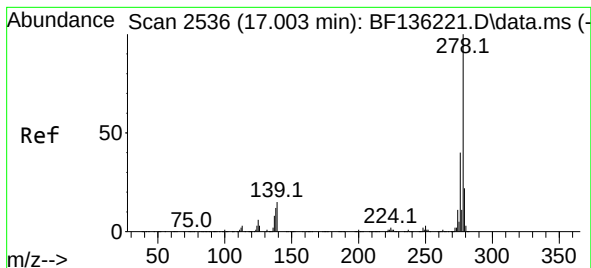
Ion Ratio Lower Upper

252 100

253 19.9 15.5 23.3

125 9.7 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 45.377 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.001 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

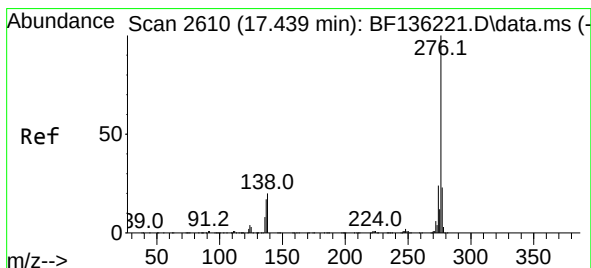
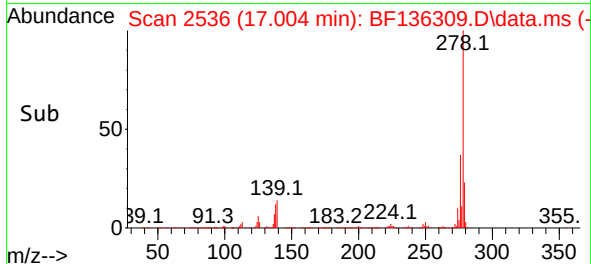
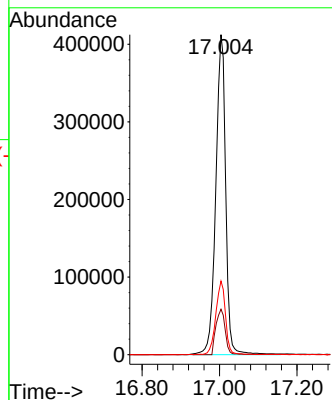
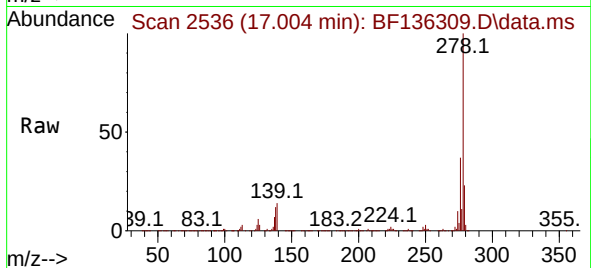
Tgt Ion:278 Resp: 731366

Ion Ratio Lower Upper

278 100

139 14.2 11.7 17.5

279 23.0 17.8 26.8



#92

Benzo(g,h,i)perylene

Concen: 43.069 ng

RT: 17.445 min Scan# 2611

Delta R.T. 0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Tgt Ion:276 Resp: 695686

Ion Ratio Lower Upper

276 100

277 23.2 18.6 27.8

138 19.5 15.8 23.8

