

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136107.D
 Acq On : 02 Nov 2023 21:05
 Operator : CG\JU
 Sample : 05049-06MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 23:06:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	106955	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	424054	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	214351	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	348866	20.000	ng	0.00
76) Chrysene-d12	14.010	240	193244	20.000	ng	0.00
86) Perylene-d12	15.498	264	186034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	599283	88.048	ng	0.00
7) Phenol-d6	6.457	99	751135	88.574	ng	0.00
23) Nitrobenzene-d5	7.387	82	465537	66.180	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	199321	87.118	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	882362	65.620	ng	0.00
79) Terphenyl-d14	12.951	244	758846	61.025	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	124033	41.849	ng	98
3) Pyridine	3.404	79	295234	36.495	ng	98
4) n-Nitrosodimethylamine	3.375	42	157902	46.684	ng	87
6) Aniline	6.481	93	289916	26.406	ng	99
8) 2-Chlorophenol	6.604	128	354145	48.668	ng	99
9) Benzaldehyde	6.369	77	91438	19.337	ng	99
10) Phenol	6.469	94	419022	47.772	ng	92
11) bis(2-Chloroethyl)ether	6.563	93	320584	46.687	ng	99
12) 1,3-Dichlorobenzene	6.763	146	363735	48.027	ng	98
13) 1,4-Dichlorobenzene	6.840	146	367652	48.439	ng	98
14) 1,2-Dichlorobenzene	6.987	146	353835	49.857	ng	96
15) Benzyl Alcohol	6.963	79	294442	48.968	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	435839	46.113	ng	99
17) 2-Methylphenol	7.075	107	268195	43.446	ng	95
18) Hexachloroethane	7.334	117	132769	49.769	ng	# 89
19) n-Nitroso-di-n-propyla...	7.239	70	222382	45.895	ng	97
20) 3+4-Methylphenols	7.228	107	324630	43.126	ng	98
22) Acetophenone	7.234	105	452749	48.149	ng	# 94
24) Nitrobenzene	7.404	77	342473	48.131	ng	95
25) Isophorone	7.639	82	623481	46.948	ng	98
26) 2-Nitrophenol	7.716	139	177928	54.807	ng	91
27) 2,4-Dimethylphenol	7.757	122	255694	41.680	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	379265	46.610	ng	99
29) 2,4-Dichlorophenol	7.957	162	280586	48.516	ng	95
30) 1,2,4-Trichlorobenzene	8.045	180	308383	48.880	ng	98
31) Naphthalene	8.128	128	953914	46.649	ng	99
32) Benzoic acid	7.875	122	153561	33.032	ng	91
33) 4-Chloroaniline	8.169	127	89840	10.032	ng	99
34) Hexachlorobutadiene	8.239	225	182015	50.307	ng	98
35) Caprolactam	8.551	113	74352	39.538	ng	92
36) 4-Chloro-3-methylphenol	8.657	107	298177	49.110	ng	98
37) 2-Methylnaphthalene	8.816	142	606106	44.205	ng	99
38) 1-Methylnaphthalene	8.916	142	593735	46.532	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	296448	48.494	ng	99
41) Hexachlorocyclopentadiene	8.969	237	244824	74.964	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	194480	48.793	ng	98

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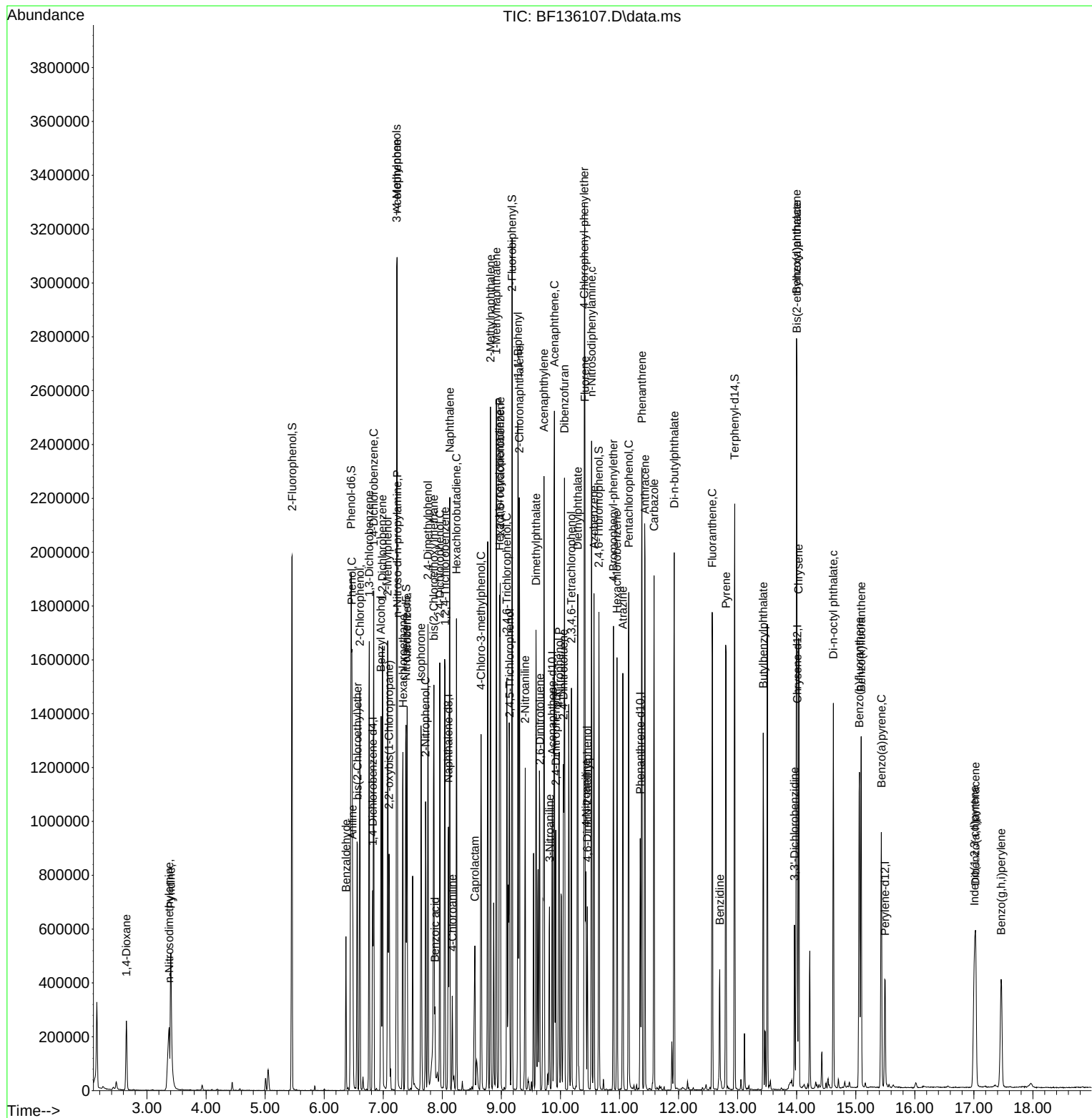
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	206767	44.783	ng	98
46) 1,1'-Biphenyl	9.281	154	782415	47.882	ng	100
47) 2-Chloronaphthalene	9.304	162	591893	49.136	ng	97
48) 2-Nitroaniline	9.404	65	177311	49.737	ng	99
49) Acenaphthylene	9.722	152	919238	48.916	ng	99
50) Dimethylphthalate	9.586	163	688536	48.698	ng	99
51) 2,6-Dinitrotoluene	9.651	165	151623	50.140	ng	95
52) Acenaphthene	9.898	154	572580	47.929	ng	100
53) 3-Nitroaniline	9.816	138	101619	28.800	ng	97
54) 2,4-Dinitrophenol	9.922	184	110587	68.724	ng	93
55) Dibenzofuran	10.069	168	804206	46.167	ng	96
56) 4-Nitrophenol	9.980	139	239416	90.710	ng	88
57) 2,4-Dinitrotoluene	10.051	165	197525	51.626	ng	97
58) Fluorene	10.416	166	610690	46.823	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	168628	45.938	ng	97
60) Diethylphthalate	10.292	149	655836	48.547	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	300097	46.095	ng	93
62) 4-Nitroaniline	10.433	138	142784	42.024	ng	96
63) Azobenzene	10.569	77	598346	45.990	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	81439	43.150	ng	78
66) n-Nitrosodiphenylamine	10.528	169	547817	52.054	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	190376	52.049	ng	94
68) Hexachlorobenzene	10.957	284	207146	53.027	ng	# 90
69) Atrazine	11.057	200	188713	65.906	ng	97
70) Pentachlorophenol	11.157	266	215070	85.727	ng	95
71) Phenanthrene	11.380	178	851871	48.497	ng	99
72) Anthracene	11.433	178	862977	47.945	ng	99
73) Carbazole	11.586	167	701237	44.833	ng	99
74) Di-n-butylphthalate	11.927	149	922343	51.607	ng	99
75) Fluoranthene	12.569	202	737215	40.854	ng	99
77) Benzidine	12.698	184	168841	44.827	ng	99
78) Pyrene	12.804	202	733014	43.024	ng	99
80) Butylbenzylphthalate	13.433	149	290914	47.702	ng	99
81) Benzo(a)anthracene	13.998	228	614656	48.045	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	120923	29.614	ng	99
83) Chrysene	14.033	228	597248	47.404	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	366933	51.643	ng	98
85) Di-n-octyl phthalate	14.621	149	666448	62.613	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	434122	35.705	ng	98
88) Benzo(b)fluoranthene	15.063	252	594323	53.990	ng	99
89) Benzo(k)fluoranthene	15.092	252	546887	50.211	ng	100
90) Benzo(a)pyrene	15.433	252	474256	46.368	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	363032	36.451	ng	98
92) Benzo(g,h,i)perylene	17.462	276	339355	31.018	ng	98

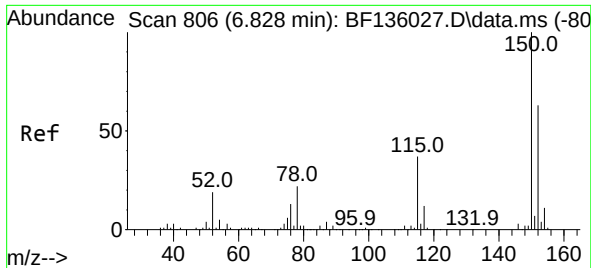
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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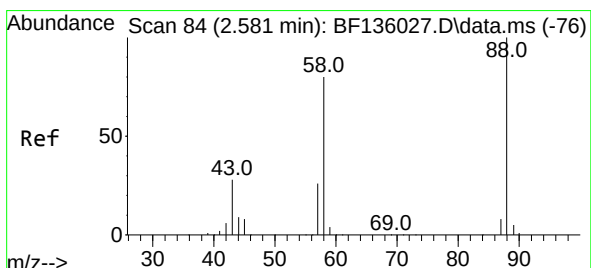
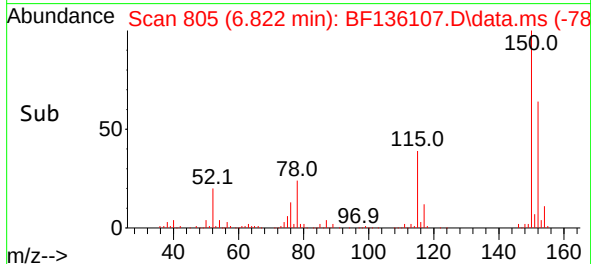
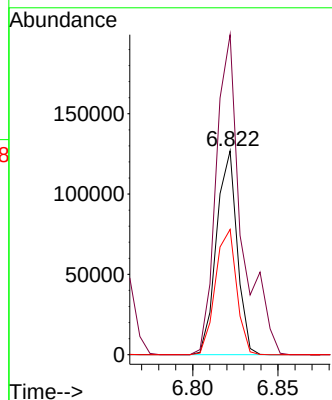
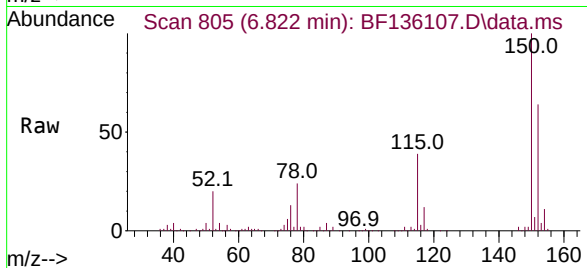




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136107.D
 Acq: 02 Nov 2023 21:05

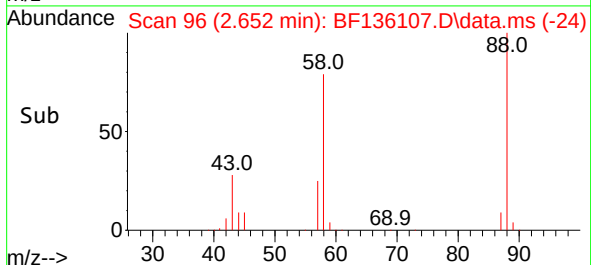
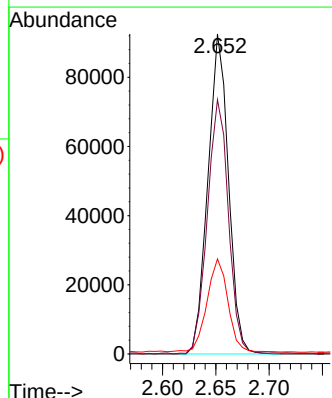
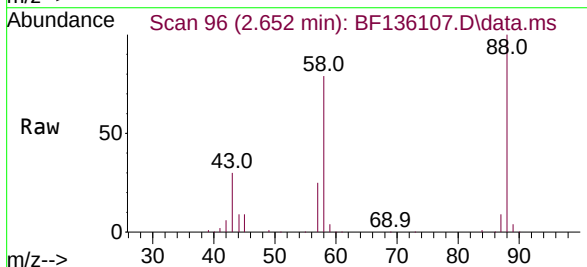
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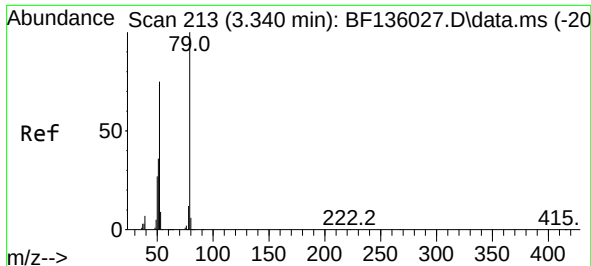
Tgt Ion:152 Resp: 106955
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.4 189.6
 115 61.5 47.0 70.4



#2
 1,4-Dioxane
 Concen: 41.849 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.071 min
 Lab File: BF136107.D
 Acq: 02 Nov 2023 21:05

Tgt Ion: 88 Resp: 124033
 Ion Ratio Lower Upper
 88 100
 58 81.7 64.3 96.5
 43 30.2 22.3 33.5

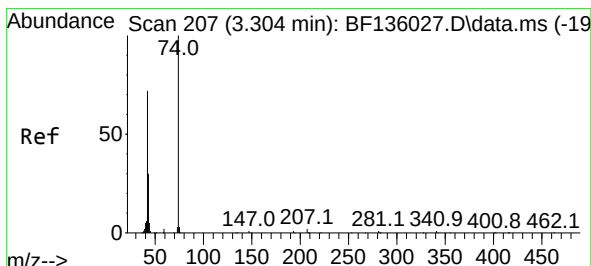
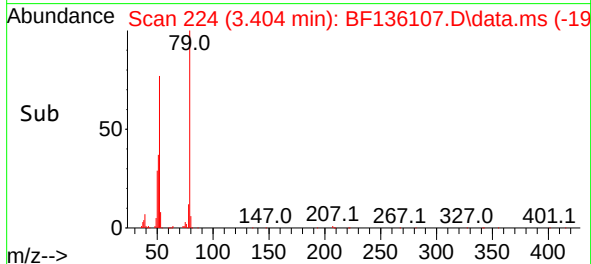
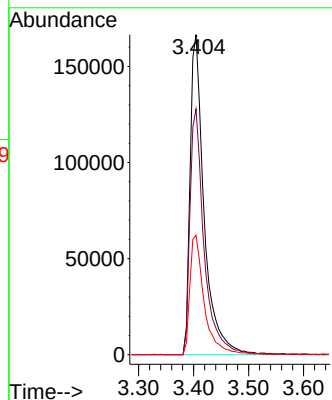
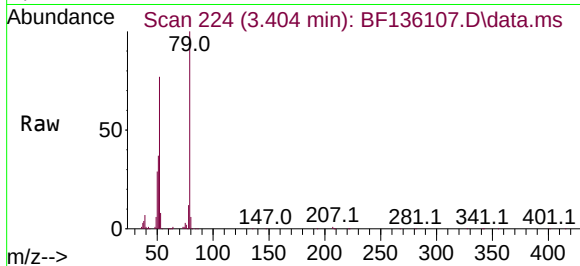




#3
 Pyridine
 Concen: 36.495 ng
 RT: 3.404 min Scan# 213
 Delta R.T. 0.065 min
 Lab File: BF136107.D
 Acq: 02 Nov 2023 21:05

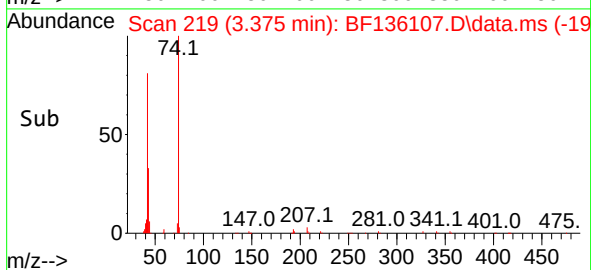
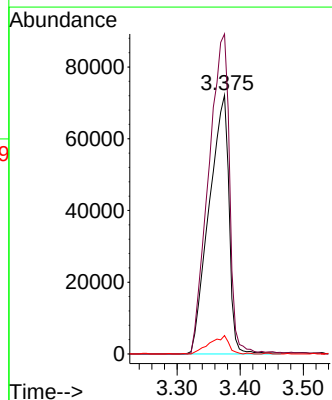
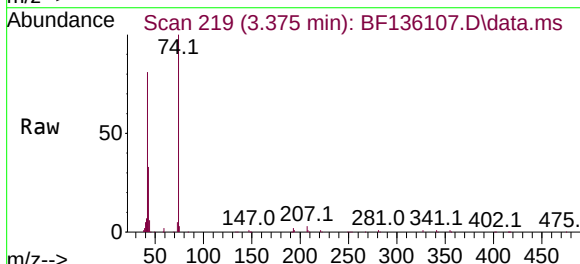
Instrument :
 BNA_F
 ClientSampleId :

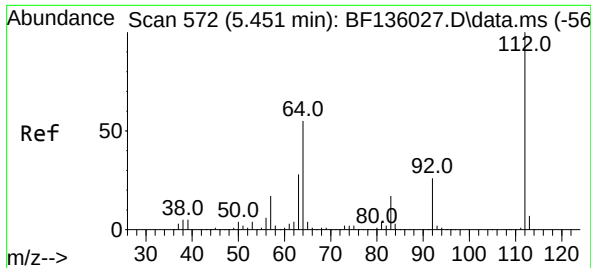
Tgt Ion: 79 Resp: 295234
 Ion Ratio Lower Upper
 79 100
 52 76.8 60.3 90.5
 51 37.3 29.3 43.9



#4
 n-Nitrosodimethylamine
 Concen: 46.684 ng
 RT: 3.375 min Scan# 219
 Delta R.T. 0.071 min
 Lab File: BF136107.D
 Acq: 02 Nov 2023 21:05

Tgt Ion: 42 Resp: 157902
 Ion Ratio Lower Upper
 42 100
 74 123.7 111.8 167.6
 44 7.1 6.2 9.4

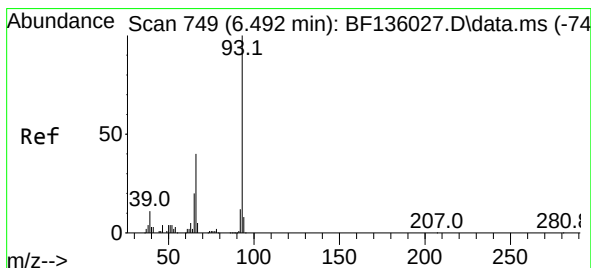
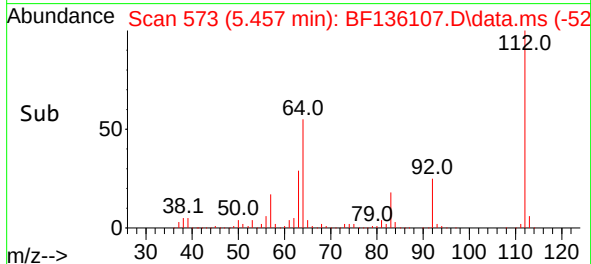
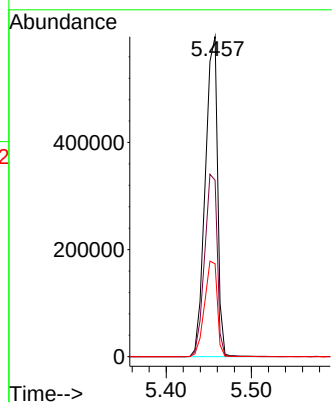
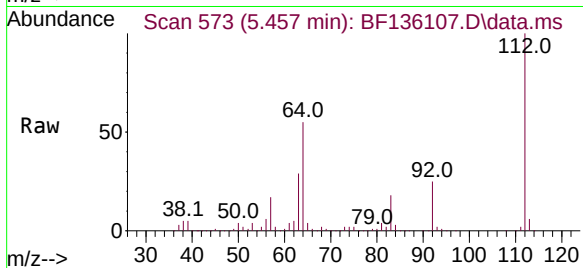




#5
2-Fluorophenol
Concen: 88.048 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

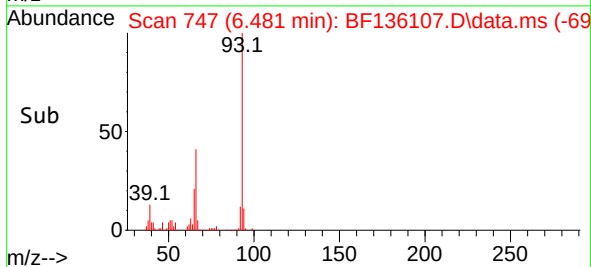
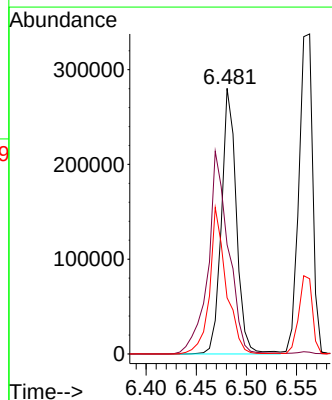
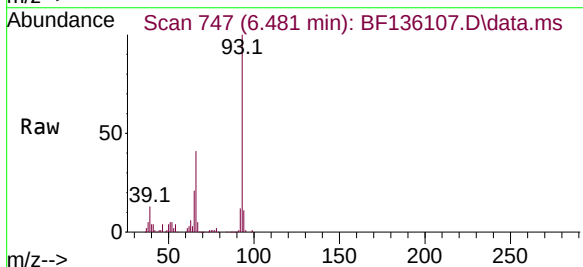
Instrument :
BNA_F
ClientSampleId :

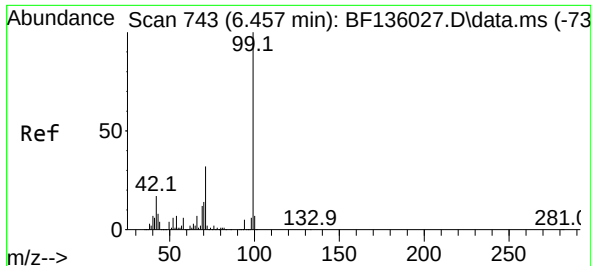
Tgt Ion:112 Resp: 599283
Ion Ratio Lower Upper
112 100
64 55.2 43.9 65.9
63 29.0 22.4 33.6



#6
Aniline
Concen: 26.406 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

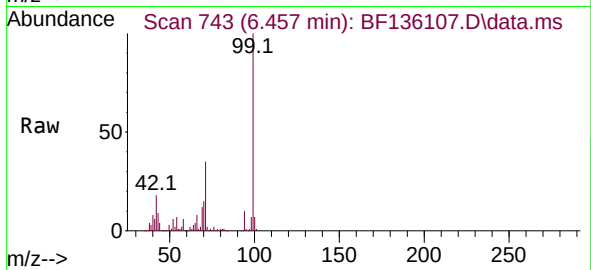
Tgt Ion: 93 Resp: 289916
Ion Ratio Lower Upper
93 100
66 41.2 32.4 48.6
65 21.1 16.2 24.2



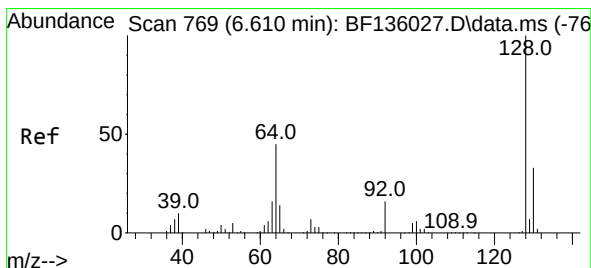
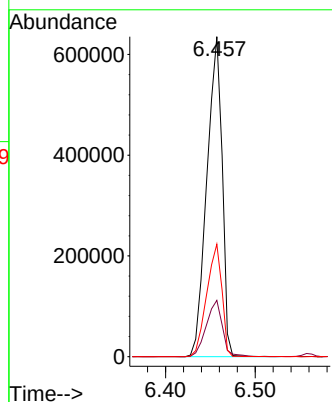
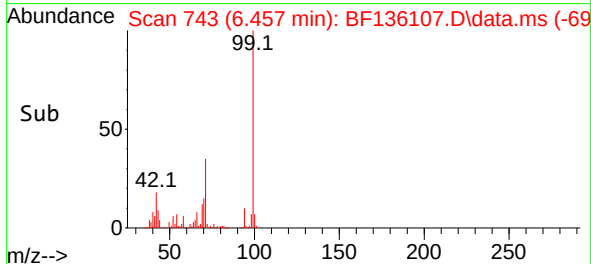


#7
Phenol-d6
Concen: 88.574 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Instrument :
BNA_F
ClientSampleId :

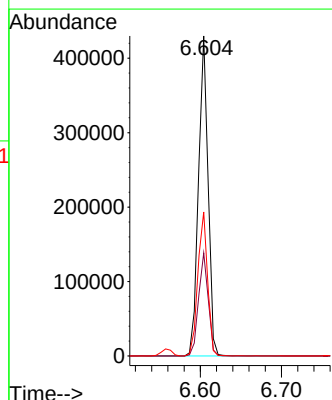
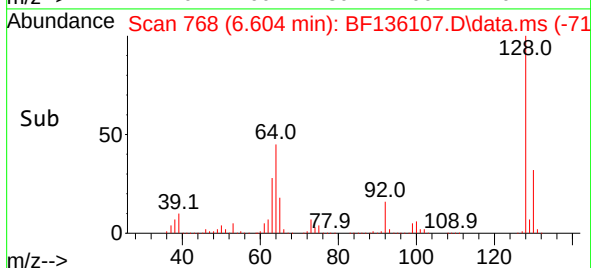
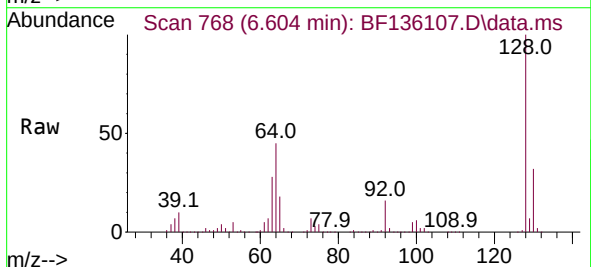


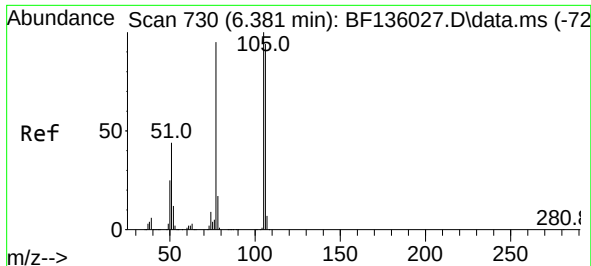
Tgt Ion: 99 Resp: 751135
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 35.2 25.9 38.9



#8
2-Chlorophenol
Concen: 48.668 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Tgt Ion:128 Resp: 354145
Ion Ratio Lower Upper
128 100
130 32.2 12.8 52.8
64 45.0 25.8 65.8

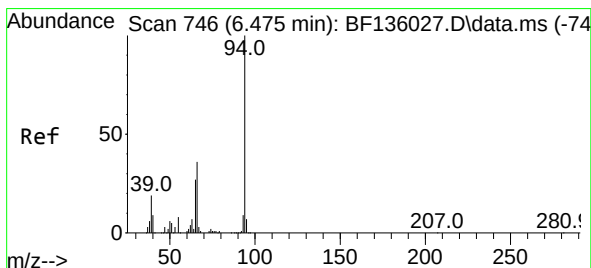
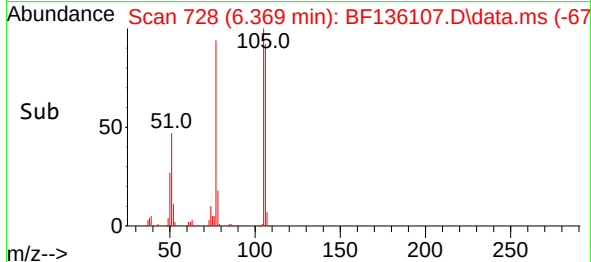
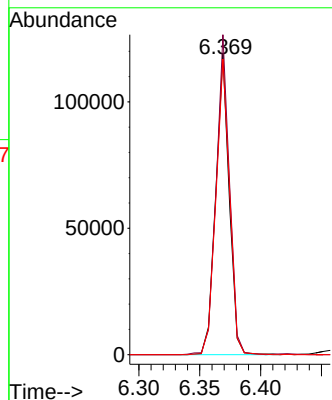
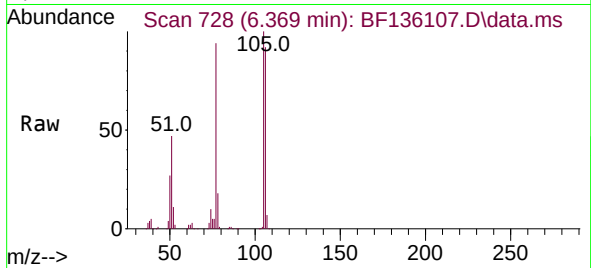




#9
Benzaldehyde
Concen: 19.337 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

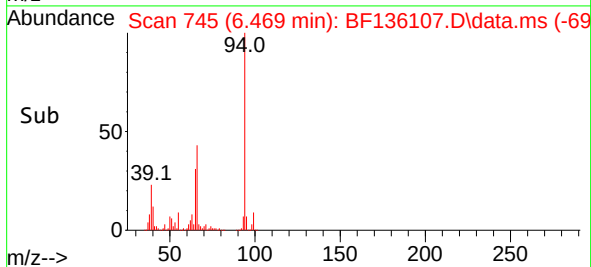
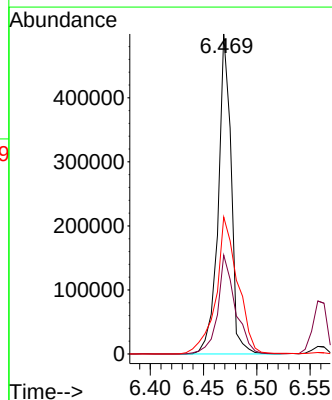
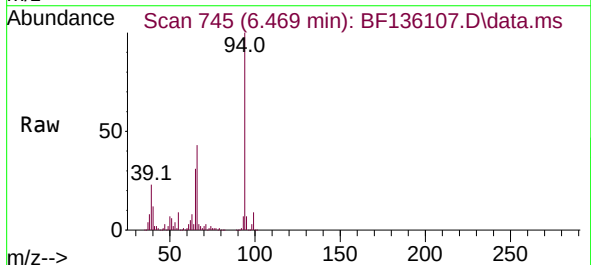
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ClientSampleId :

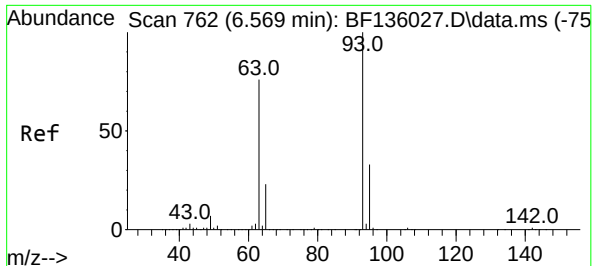
Tgt Ion: 77 Resp: 91438
Ion Ratio Lower Upper
77 100
105 106.5 85.7 125.7
106 98.4 79.8 119.8



#10
Phenol
Concen: 47.772 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
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Acq: 02 Nov 2023 21:05

Tgt Ion: 94 Resp: 419022
Ion Ratio Lower Upper
94 100
65 30.9 7.5 47.5
66 42.8 17.1 57.1





#11

bis(2-Chloroethyl)ether

Concen: 46.687 ng

RT: 6.563 min Scan# 70

Delta R.T. -0.006 min

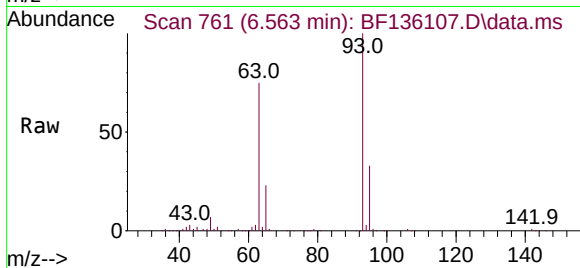
Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :



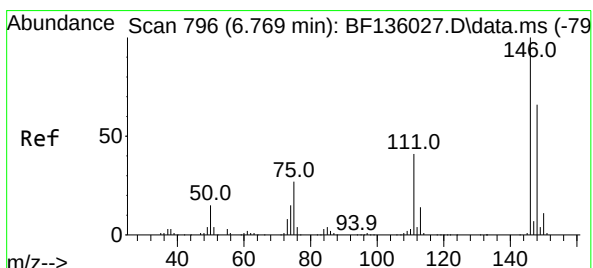
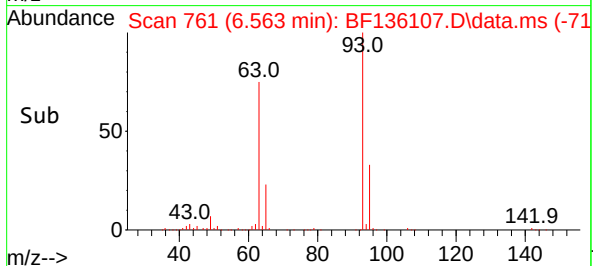
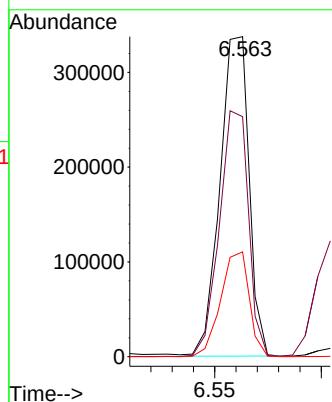
Tgt Ion: 93 Resp: 320584

Ion Ratio Lower Upper

93 100

63 75.0 55.8 95.8

95 32.8 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 48.027 ng

RT: 6.763 min Scan# 795

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

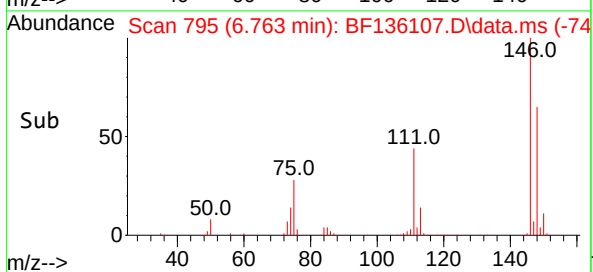
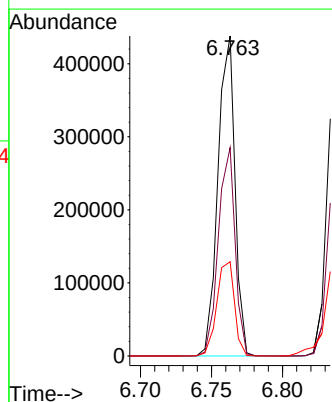
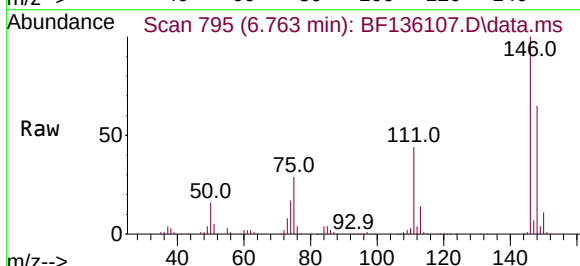
Tgt Ion: 146 Resp: 363735

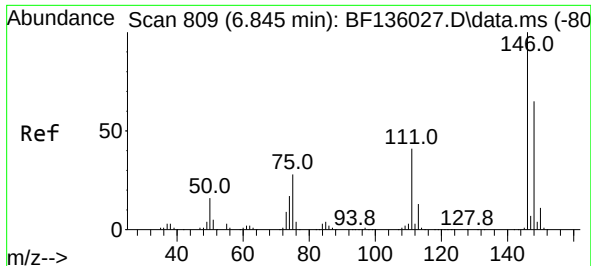
Ion Ratio Lower Upper

146 100

148 65.1 52.6 78.8

75 29.5 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 48.439 ng

RT: 6.840 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

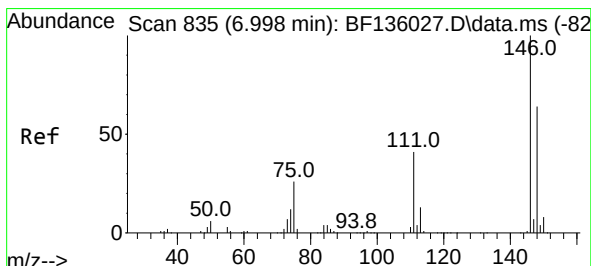
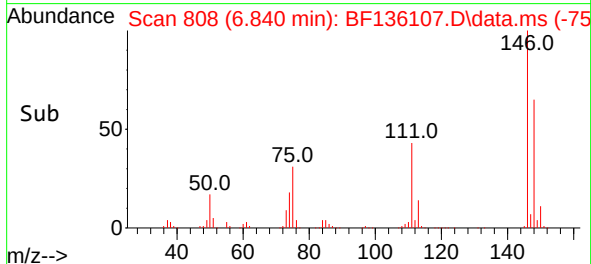
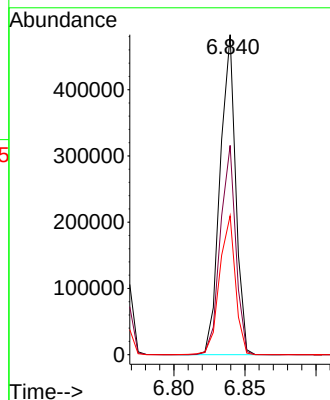
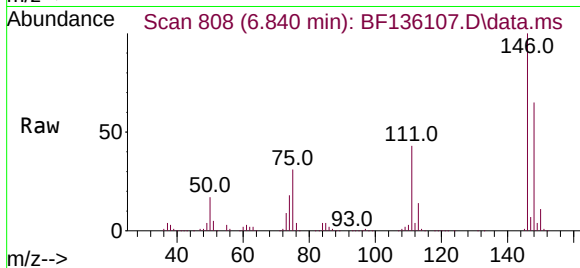
Tgt Ion:146 Resp: 367652

Ion Ratio Lower Upper

146 100

148 65.4 52.1 78.1

111 43.4 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 49.857 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.012 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

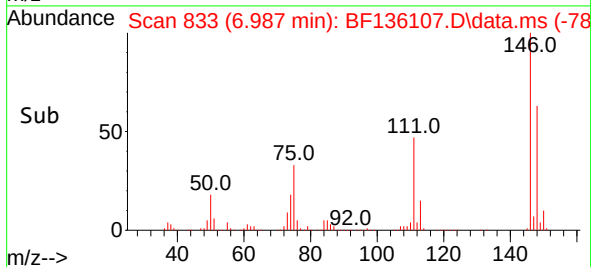
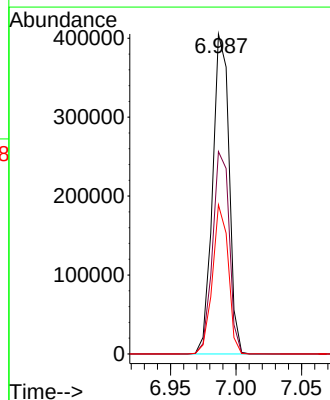
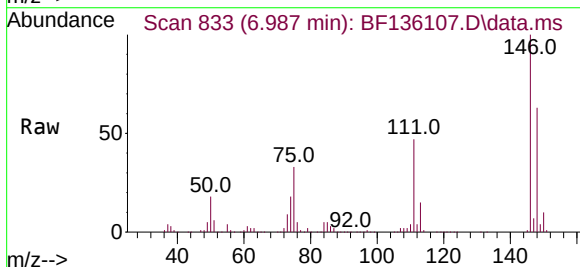
Tgt Ion:146 Resp: 353835

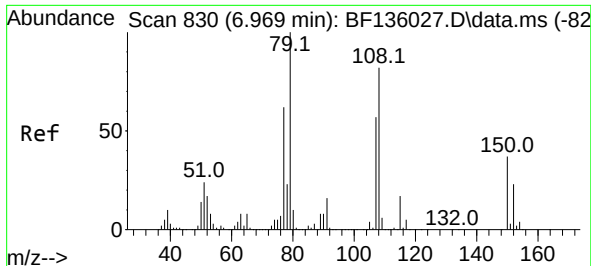
Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.2

111 46.6 33.0 49.4

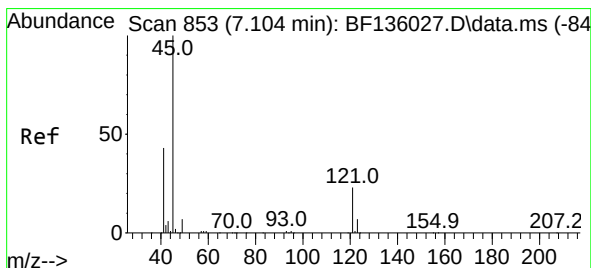
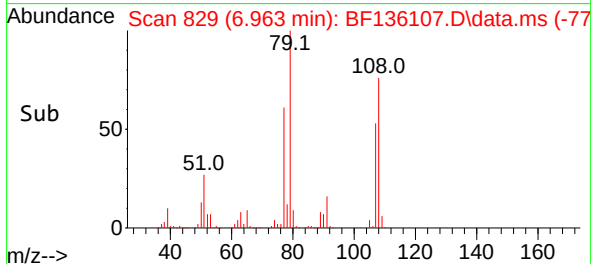
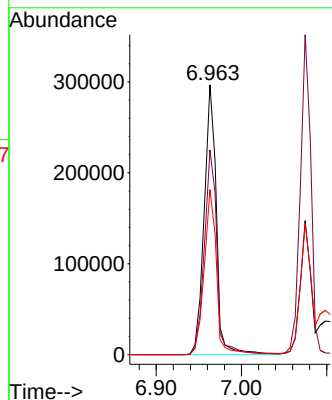
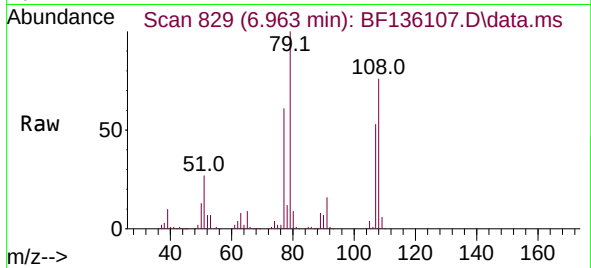




#15
Benzyl Alcohol
Concen: 48.968 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

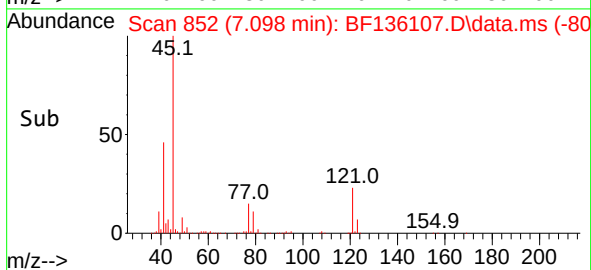
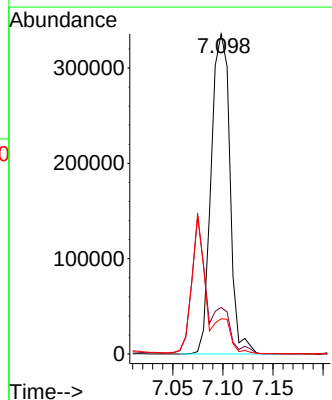
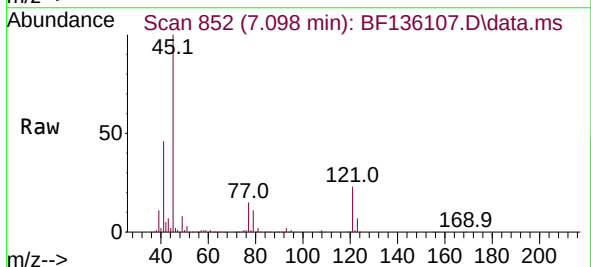
Instrument :
BNA_F
ClientSampleId :

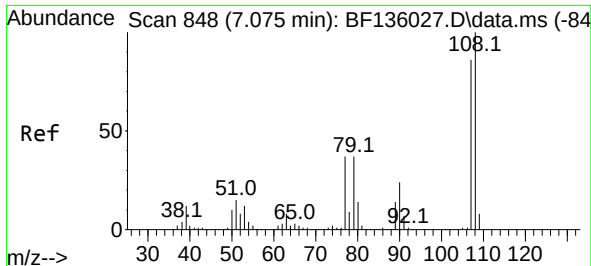
Tgt Ion: 79 Resp: 294442
Ion Ratio Lower Upper
79 100
108 75.8 65.9 98.9
77 61.2 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.113 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

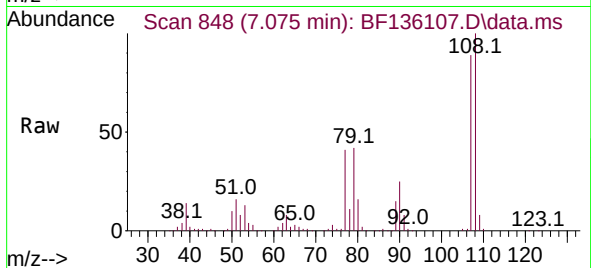
Tgt Ion: 45 Resp: 435839
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.6
79 11.0 0.0 30.6



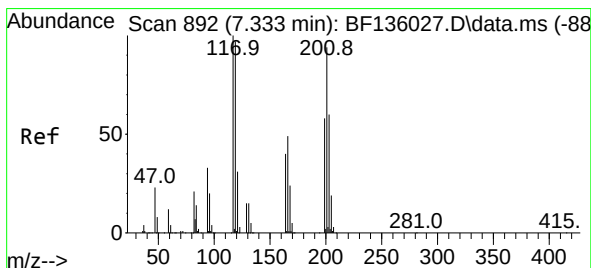
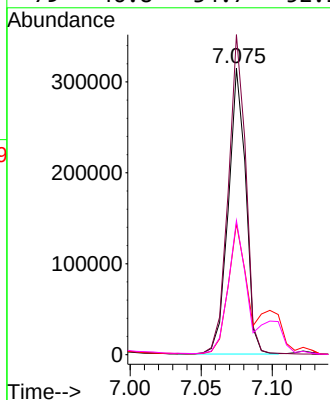
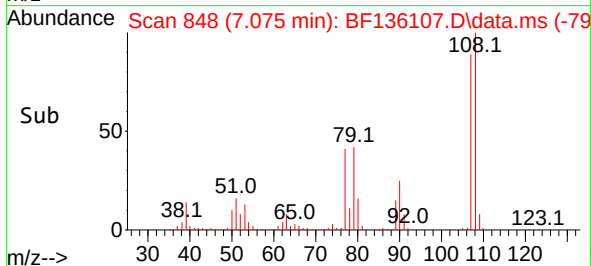


#17
2-Methylphenol
Concen: 43.446 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Instrument :
BNA_F
ClientSampleId :

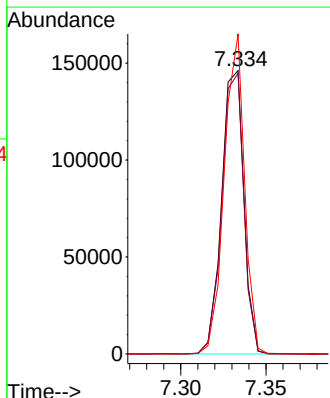
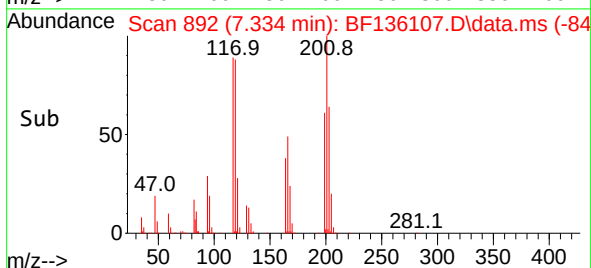
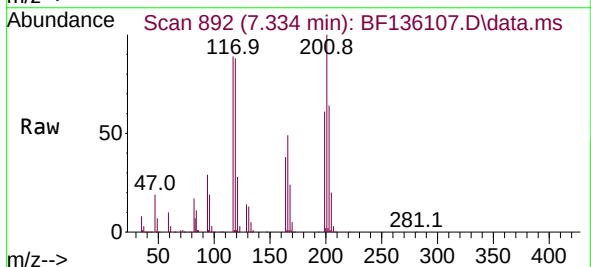


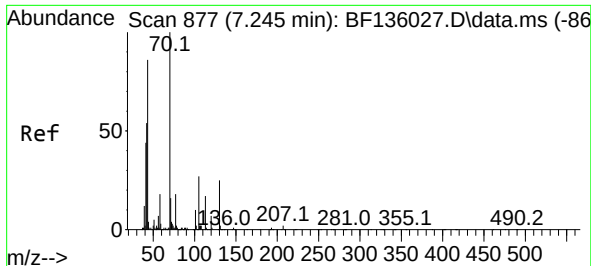
Tgt Ion:107 Resp: 268195
Ion Ratio Lower Upper
107 100
108 111.7 93.4 140.2
77 45.8 34.4 51.6
79 46.8 34.7 52.1



#18
Hexachloroethane
Concen: 49.769 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

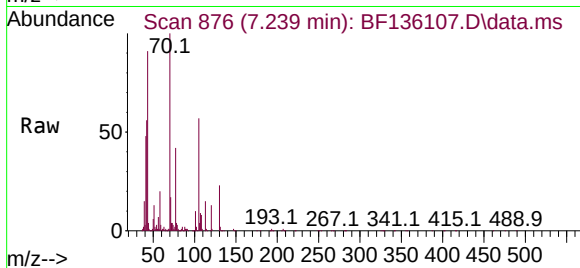
Tgt Ion:117 Resp: 132769
Ion Ratio Lower Upper
117 100
119 99.0 77.7 116.5
201 112.9 75.0 112.6#





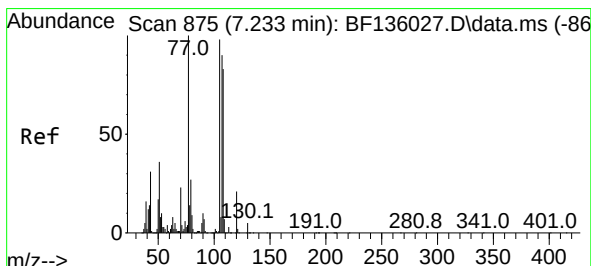
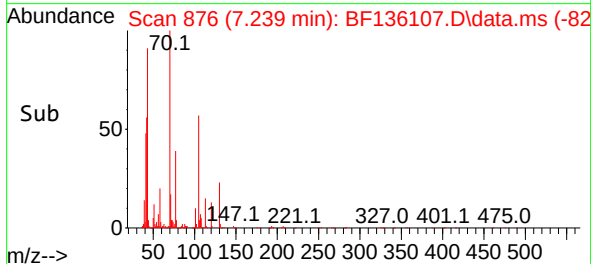
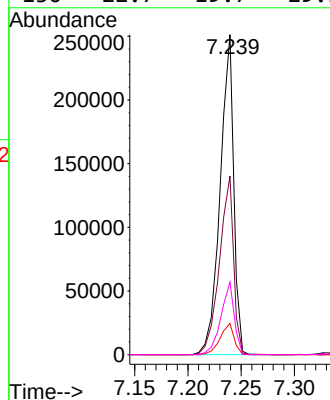
#19
n-Nitroso-di-n-propylamine
Concen: 45.895 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 70 Resp: 222382

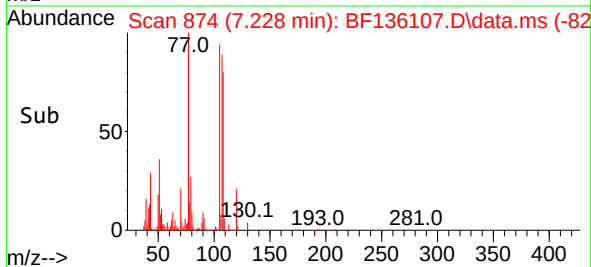
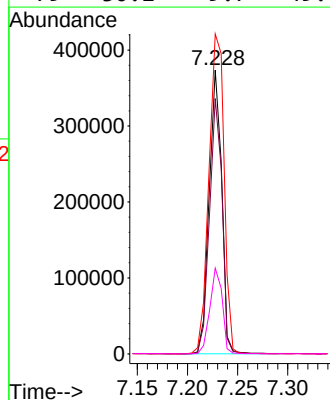
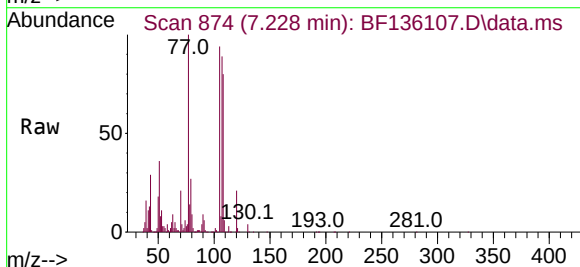
Ion	Ratio	Lower	Upper
70	100		
42	55.8	43.0	64.4
101	9.7	8.0	12.0
130	22.7	19.7	29.5

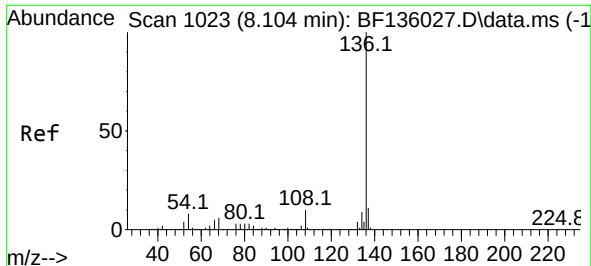


#20
3+4-Methylphenols
Concen: 43.126 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Tgt Ion: 107 Resp: 324630

Ion	Ratio	Lower	Upper
107	100		
108	90.0	72.3	112.3
77	112.7	91.4	131.4
79	30.2	9.7	49.7

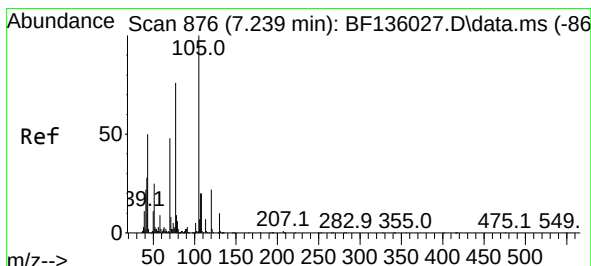
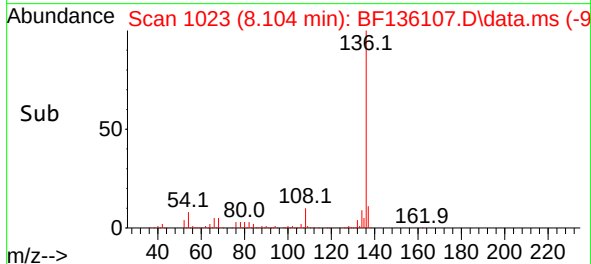
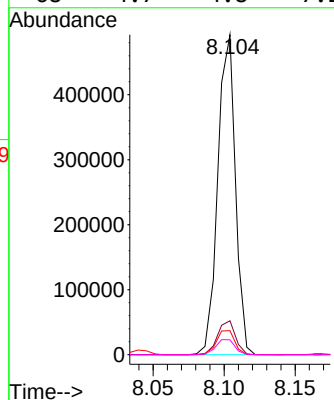
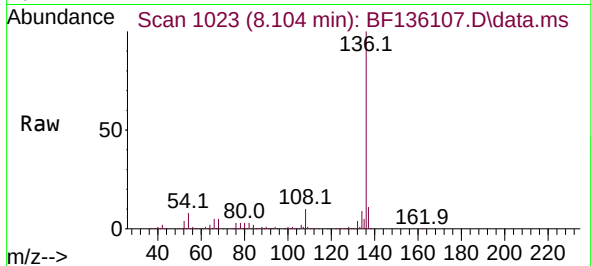




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

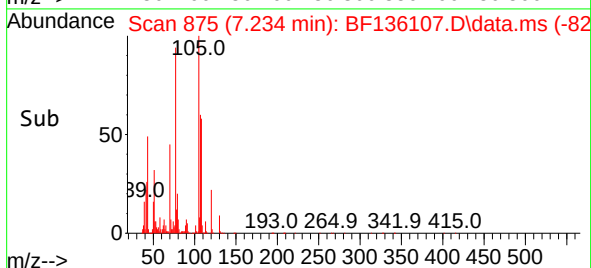
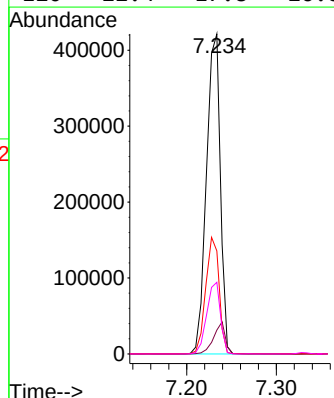
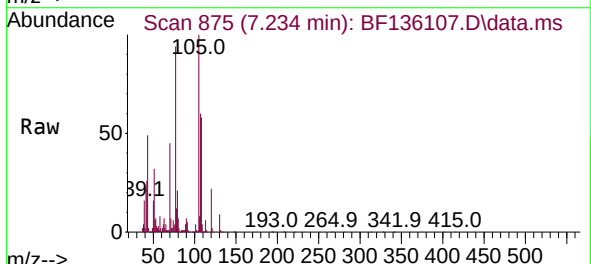
Instrument :
BNA_F
ClientSampleId :

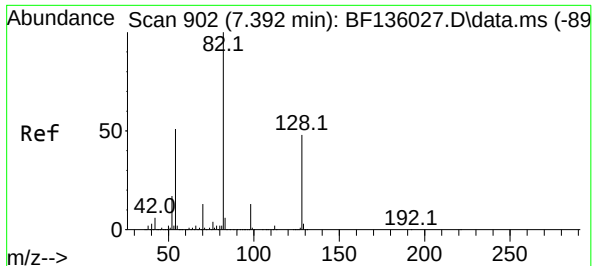
Tgt Ion:	136	Resp:	424054
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.5	6.6	9.8
68	4.7	4.8	7.2



#22
Acetophenone
Concen: 48.149 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Tgt Ion:	105	Resp:	452749
Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.5	9.7
51	32.2	20.3	30.5
120	22.4	17.8	26.8





#23

Nitrobenzene-d5

Concen: 66.180 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

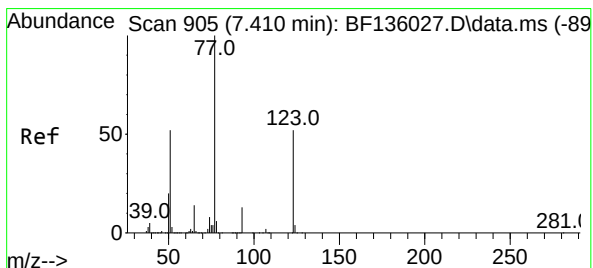
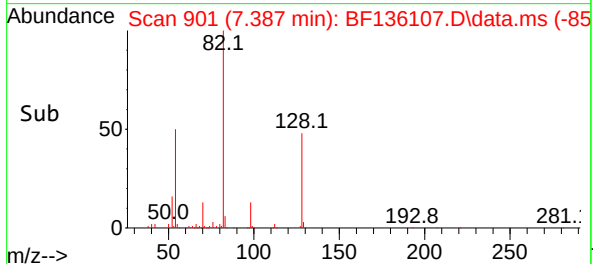
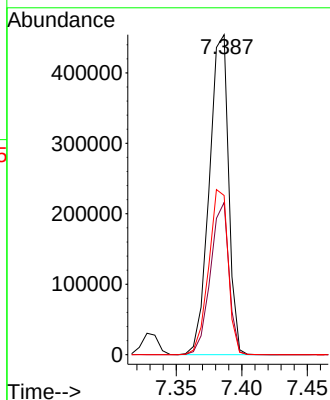
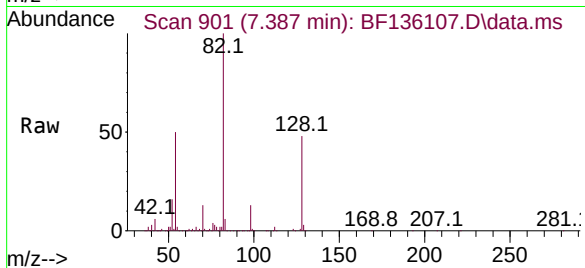
Tgt Ion: 82 Resp: 465537

Ion Ratio Lower Upper

82 100

128 47.5 38.6 57.8

54 49.8 40.8 61.2



#24

Nitrobenzene

Concen: 48.131 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

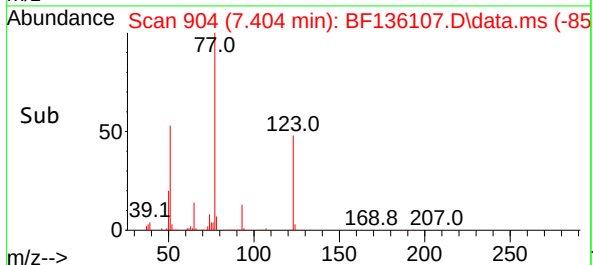
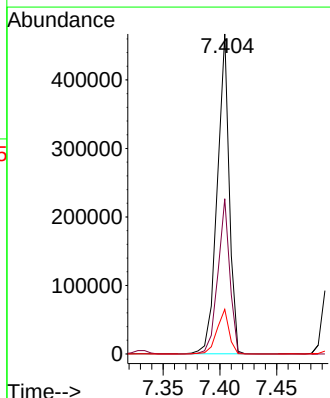
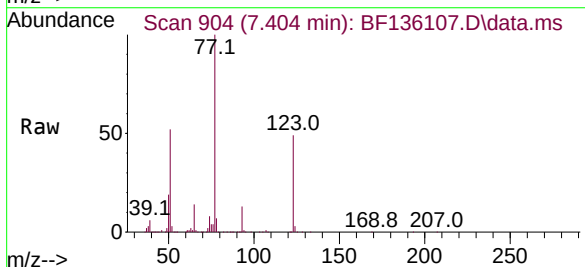
Tgt Ion: 77 Resp: 342473

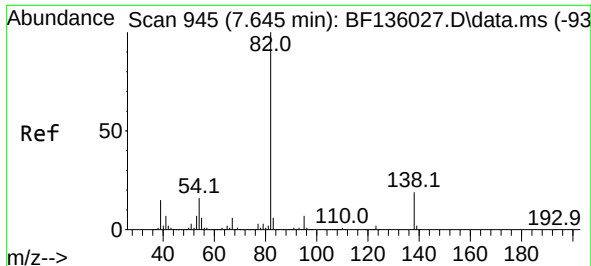
Ion Ratio Lower Upper

77 100

123 48.5 42.3 63.5

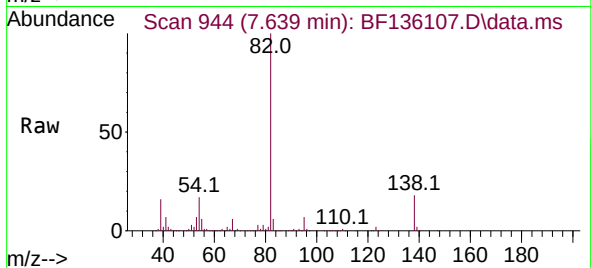
65 13.9 11.0 16.6



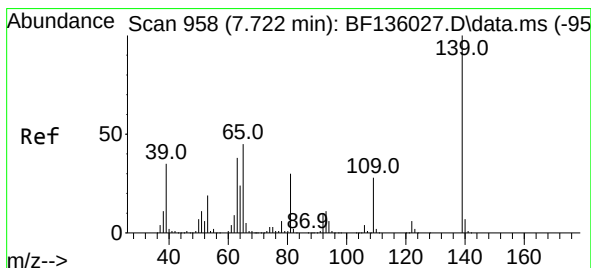
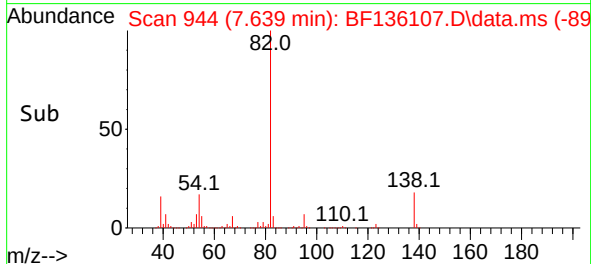
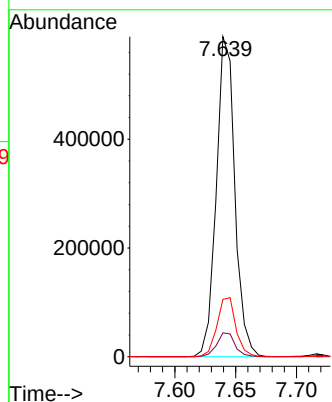


#25
Isophorone
Concen: 46.948 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Instrument :
BNA_F
ClientSampleId :

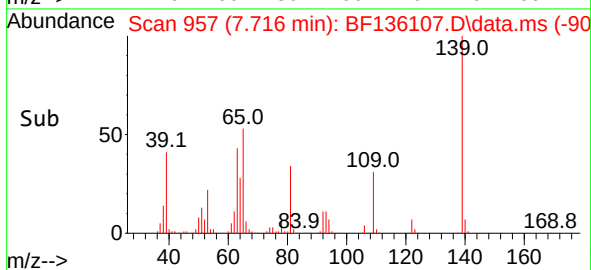
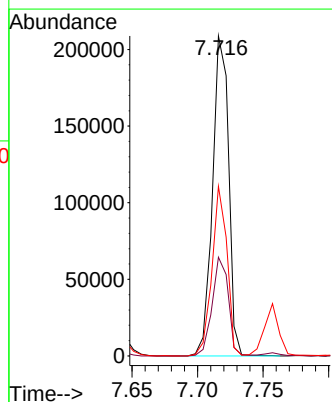
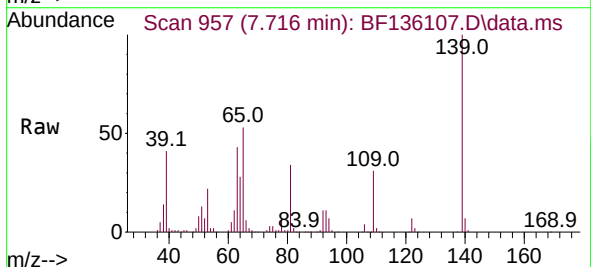


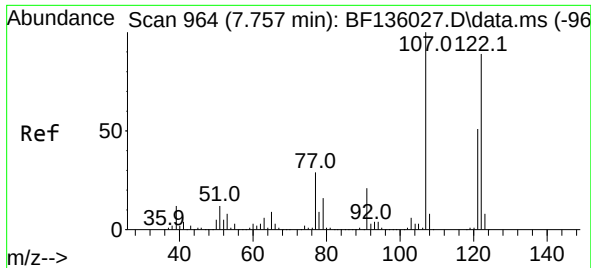
Tgt Ion: 82 Resp: 623481
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 17.9 15.3 22.9



#26
2-Nitrophenol
Concen: 54.807 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Tgt Ion:139 Resp: 177928
Ion Ratio Lower Upper
139 100
109 30.8 22.6 34.0
65 53.0 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 41.680 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

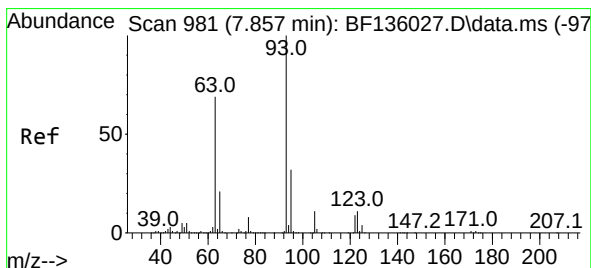
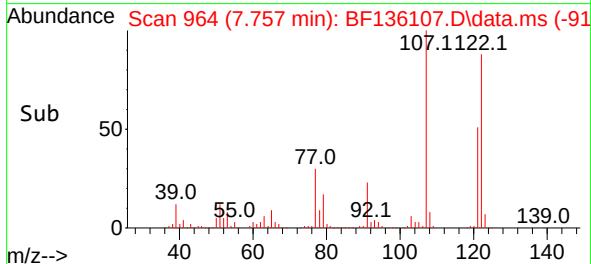
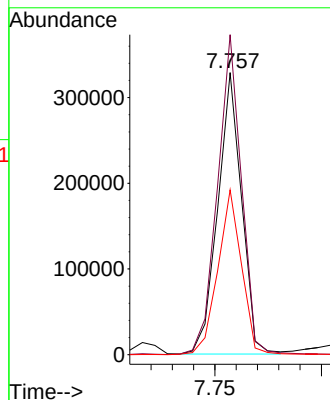
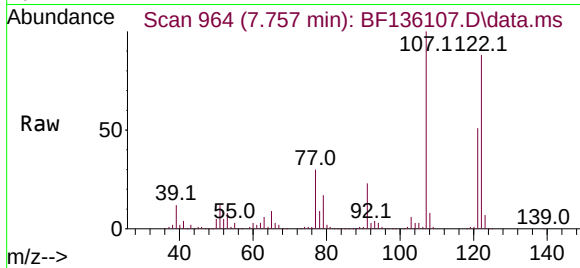
Tgt Ion:122 Resp: 255694

Ion Ratio Lower Upper

122 100

107 113.4 89.6 134.4

121 58.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.610 ng

RT: 7.857 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

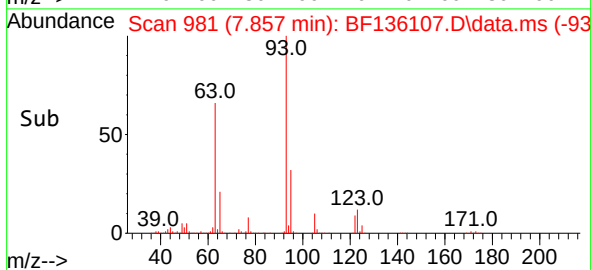
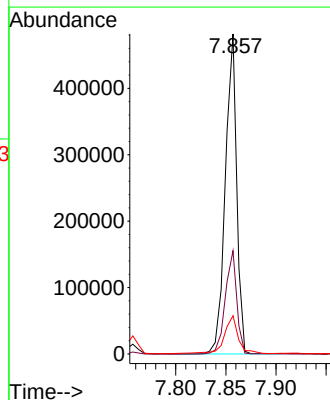
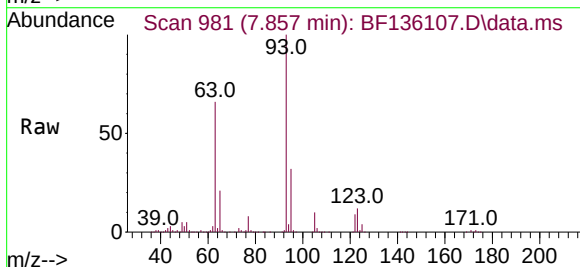
Tgt Ion: 93 Resp: 379265

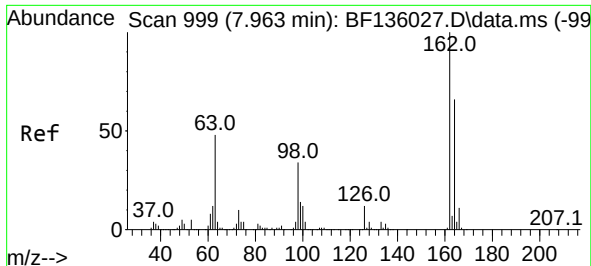
Ion Ratio Lower Upper

93 100

95 32.2 25.7 38.5

123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.516 ng

RT: 7.957 min Scan# 999

Delta R.T. -0.006 min

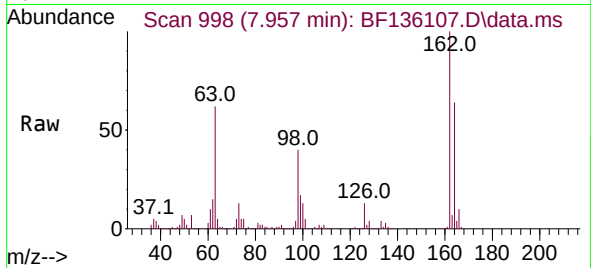
Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :



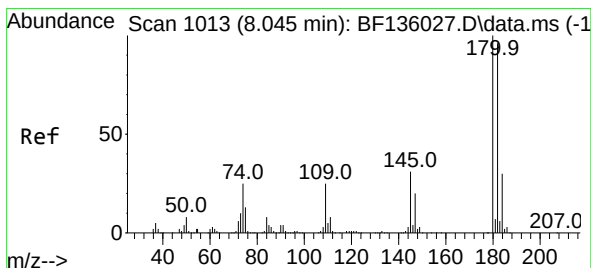
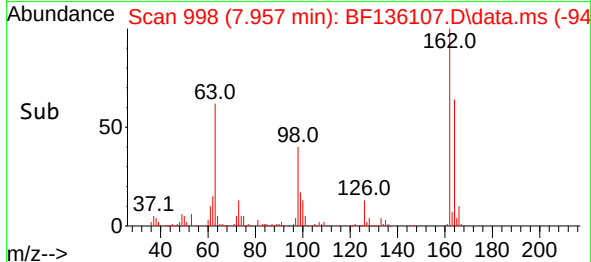
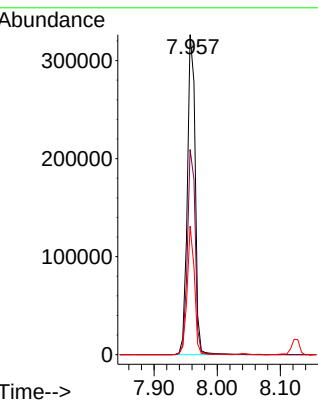
Tgt Ion:162 Resp: 280586

Ion Ratio Lower Upper

162 100

164 64.1 45.5 85.5

98 40.2 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 48.880 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

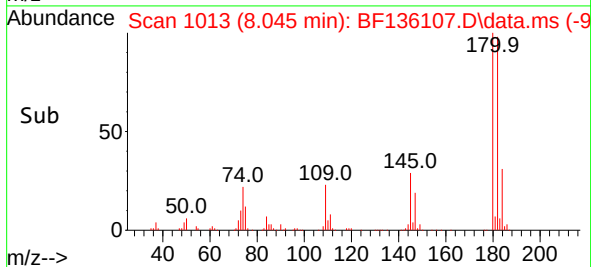
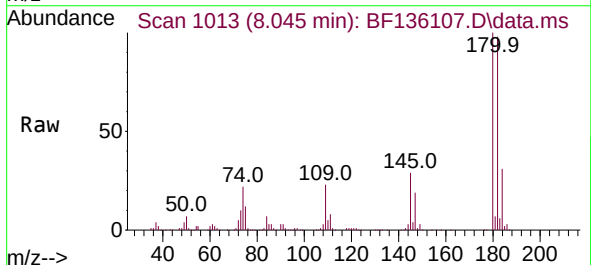
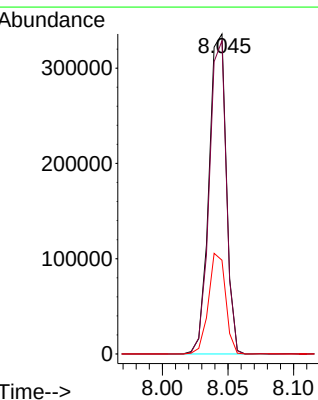
Tgt Ion:180 Resp: 308383

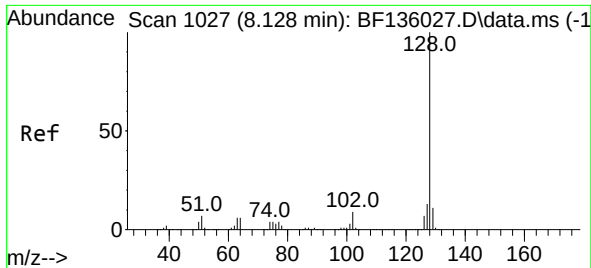
Ion Ratio Lower Upper

180 100

182 97.9 76.9 115.3

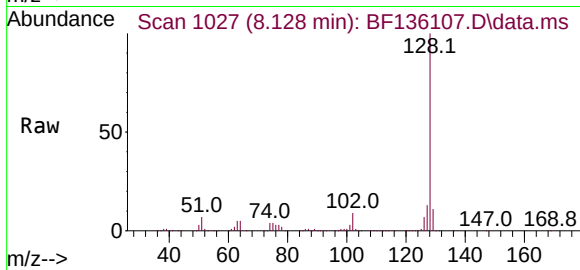
145 29.3 24.7 37.1



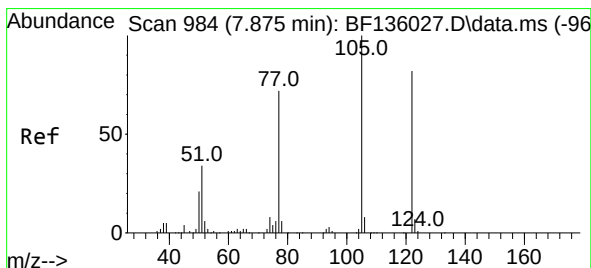
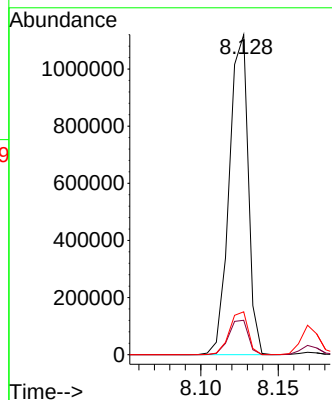
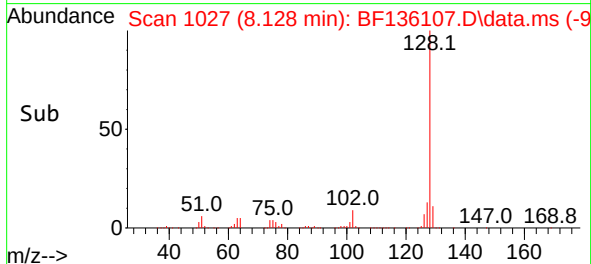


#31
Naphthalene
Concen: 46.649 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Instrument :
BNA_F
ClientSampleId :

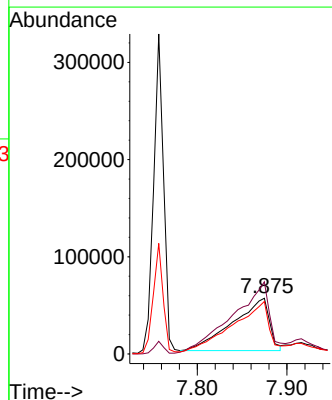
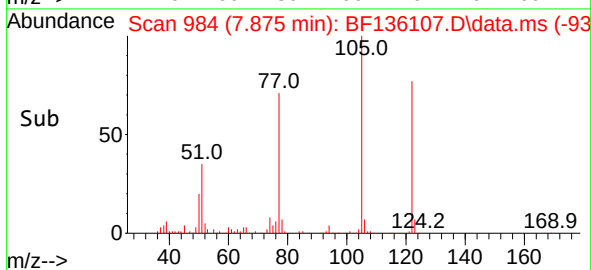
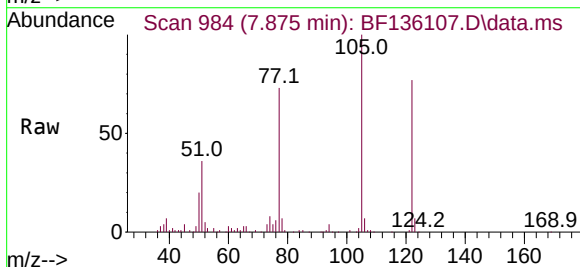


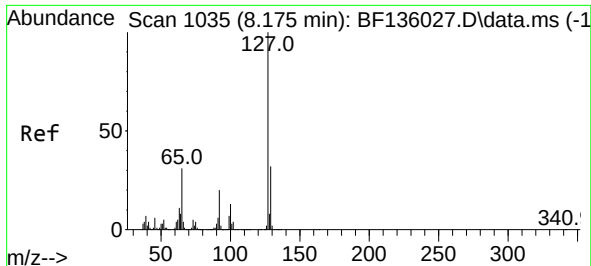
Tgt Ion:128 Resp: 953914
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 33.032 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

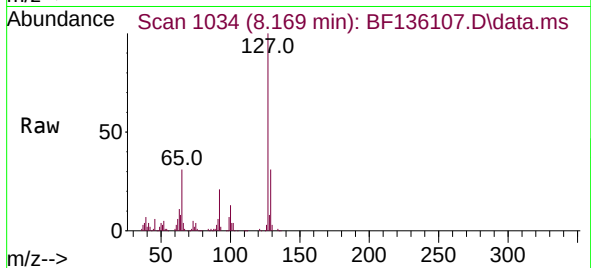
Tgt Ion:122 Resp: 153561
Ion Ratio Lower Upper
122 100
105 129.4 99.5 139.5
77 94.2 66.8 106.8



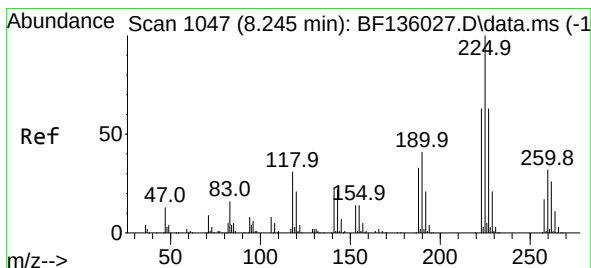
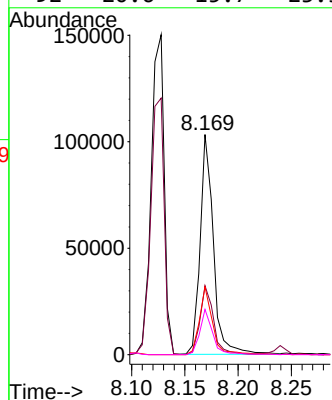
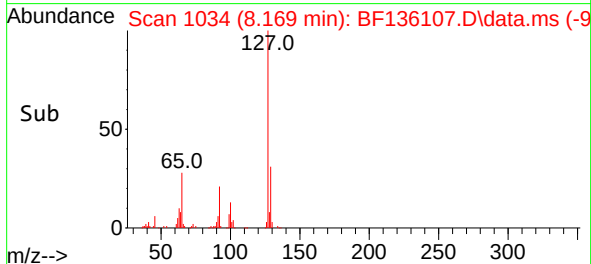


#33
4-Chloroaniline
Concen: 10.032 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Instrument :
BNA_F
ClientSampleId :

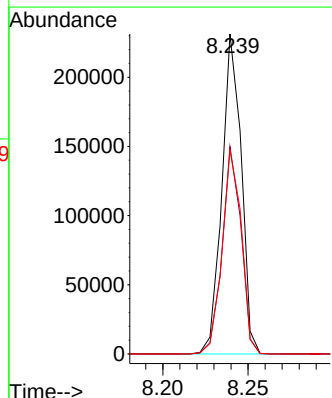
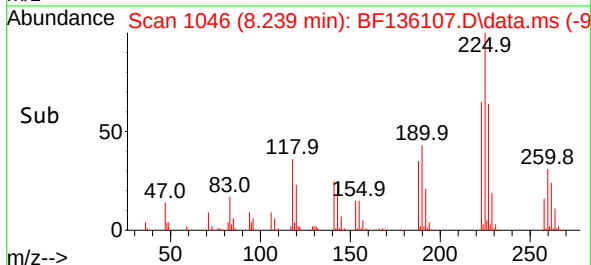
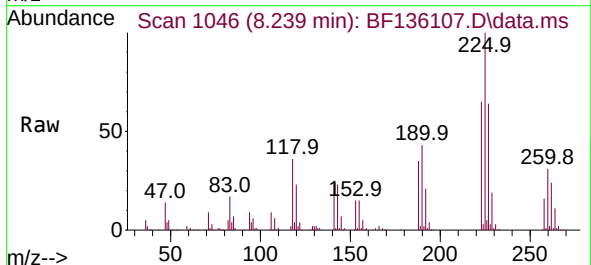


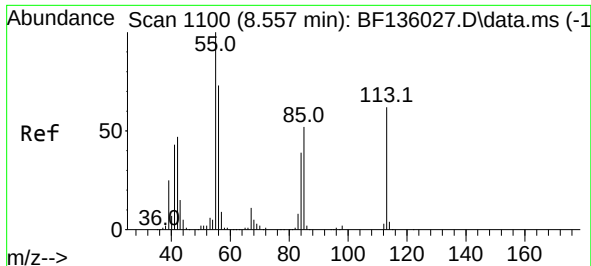
Tgt Ion:127	Resp:	89840
Ion	Ratio	Lower Upper
127	100	
129	31.3	25.9 38.9
65	30.8	24.6 37.0
92	20.6	15.7 23.5



#34
Hexachlorobutadiene
Concen: 50.307 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

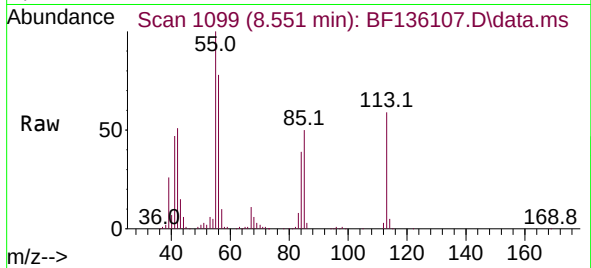
Tgt Ion:225	Resp:	182015
Ion	Ratio	Lower Upper
225	100	
223	64.8	50.3 75.5
227	63.8	50.6 75.8



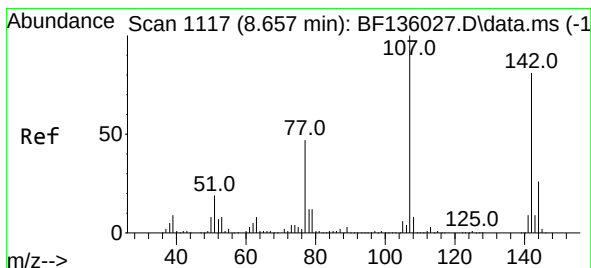
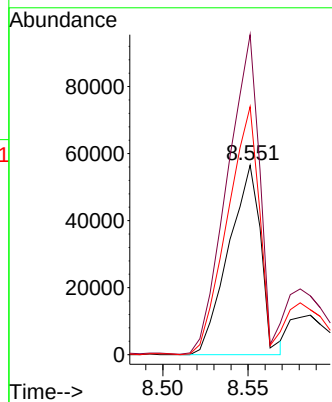
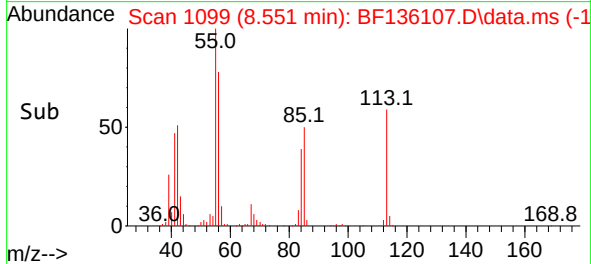


#35
 Caprolactam
 Concen: 39.538 ng
 RT: 8.551 min Scan# 1100
 Delta R.T. -0.006 min
 Lab File: BF136107.D
 Acq: 02 Nov 2023 21:05

Instrument :
 BNA_F
 ClientSampleId :

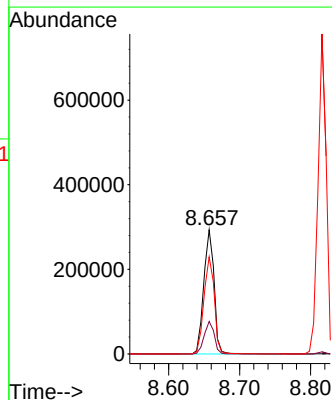
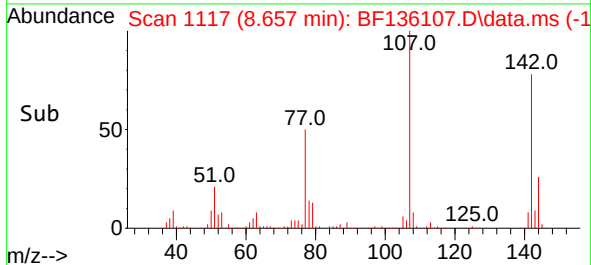
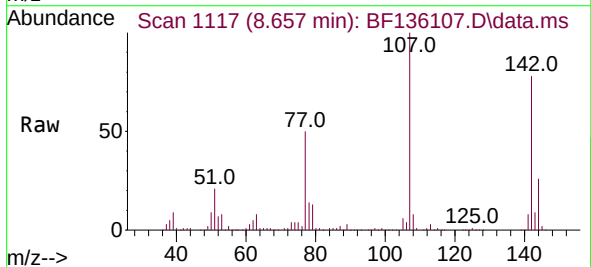


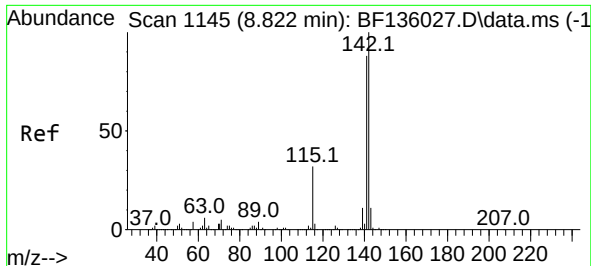
Tgt Ion:113 Resp: 74352
 Ion Ratio Lower Upper
 113 100
 55 168.8 142.2 182.2
 56 130.9 97.7 137.7



#36
 4-Chloro-3-methylphenol
 Concen: 49.110 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: BF136107.D
 Acq: 02 Nov 2023 21:05

Tgt Ion:107 Resp: 298177
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.6 31.0
 142 78.2 64.6 97.0





#37

2-Methylnaphthalene

Concen: 44.205 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

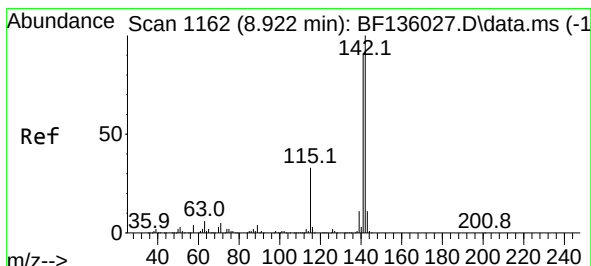
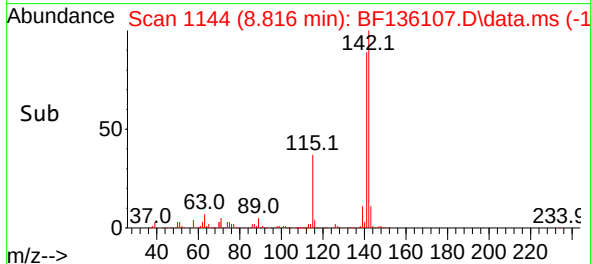
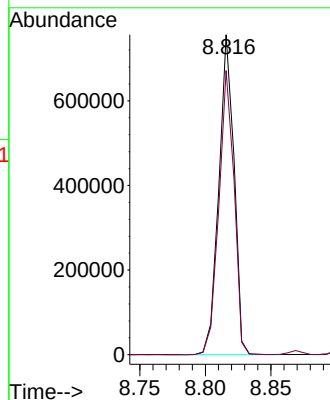
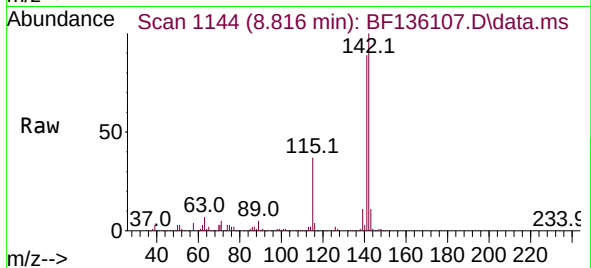
ClientSampleId :

Tgt Ion:142 Resp: 606106

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6



#38

1-Methylnaphthalene

Concen: 46.532 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF136107.D

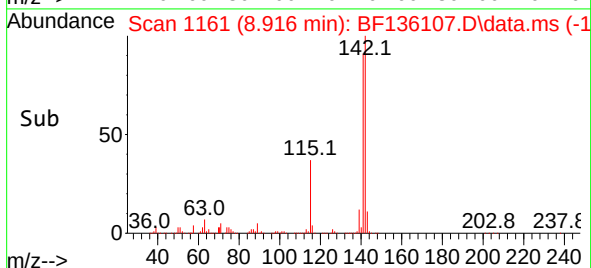
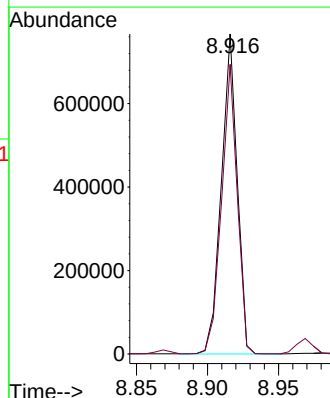
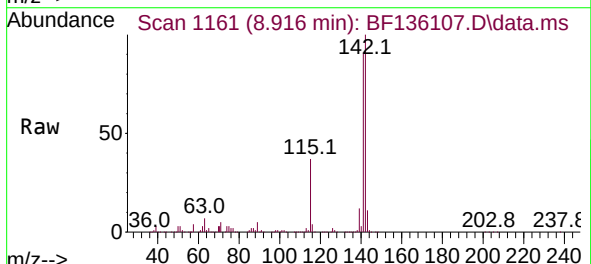
Acq: 02 Nov 2023 21:05

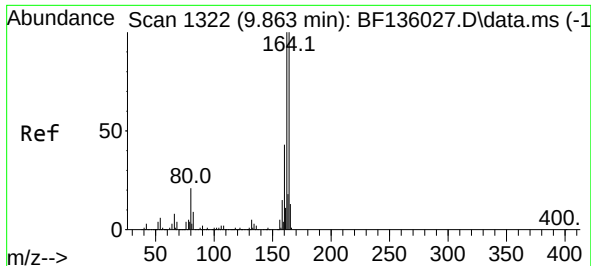
Tgt Ion:142 Resp: 593735

Ion Ratio Lower Upper

142 100

141 90.5 72.6 109.0

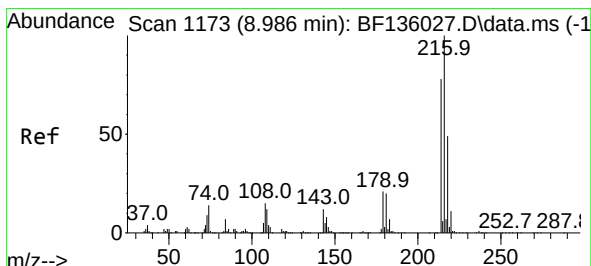
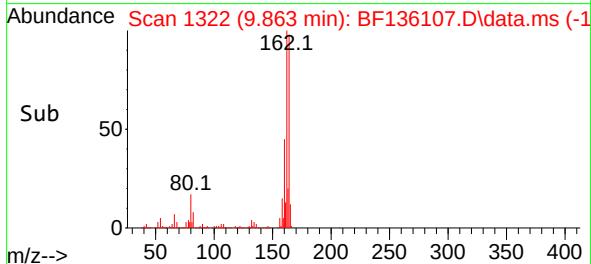
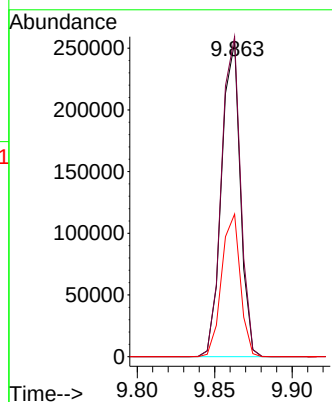
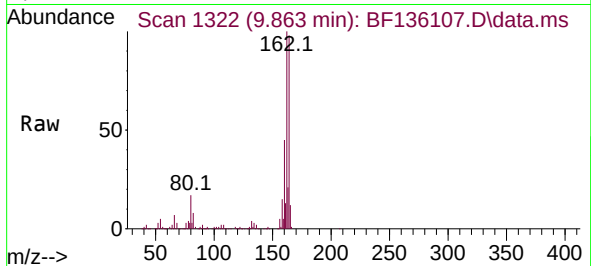




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

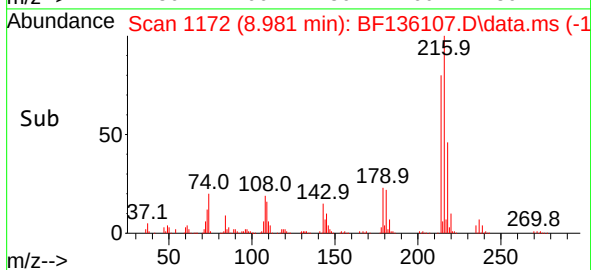
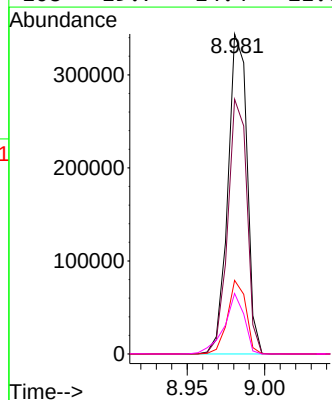
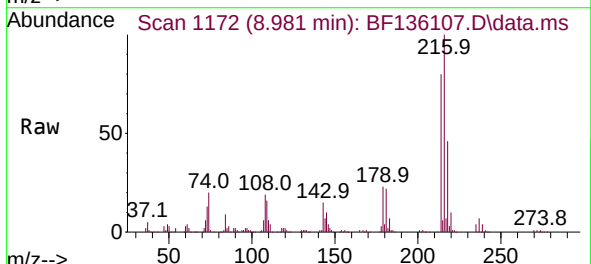
Instrument :
BNA_F
ClientSampleId :

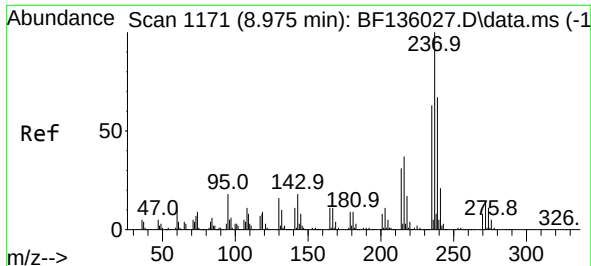
Tgt Ion:164 Resp: 214351
Ion Ratio Lower Upper
164 100
162 101.7 80.1 120.1
160 45.3 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.494 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Tgt Ion:216 Resp: 296448
Ion Ratio Lower Upper
216 100
214 79.2 63.8 95.6
179 22.1 17.5 26.3
108 19.7 14.4 21.6





#41

Hexachlorocyclopentadiene

Concen: 74.964 ng

RT: 8.969 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

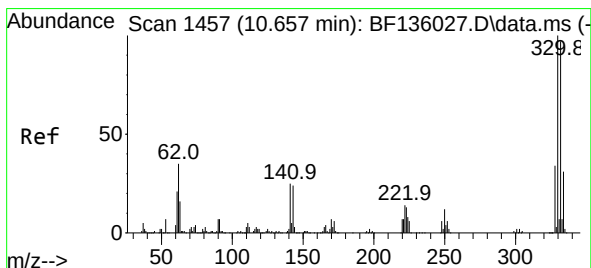
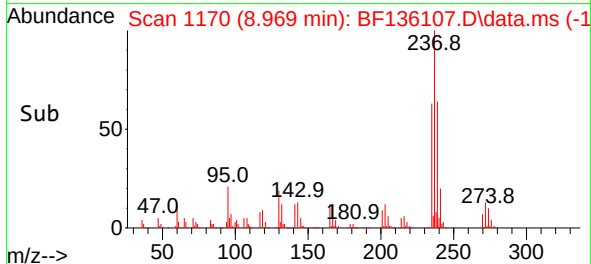
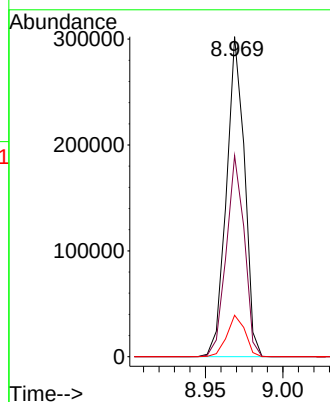
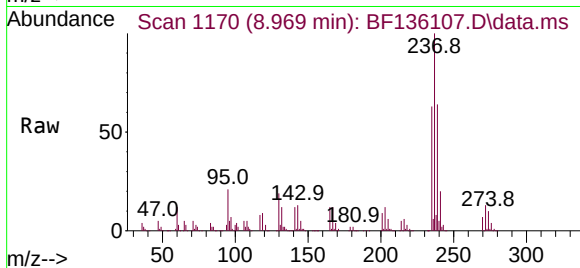
Tgt Ion:237 Resp: 244824

Ion Ratio Lower Upper

237 100

235 62.9 43.3 83.3

272 12.9 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 87.118 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

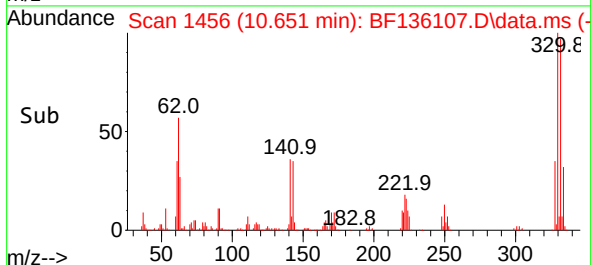
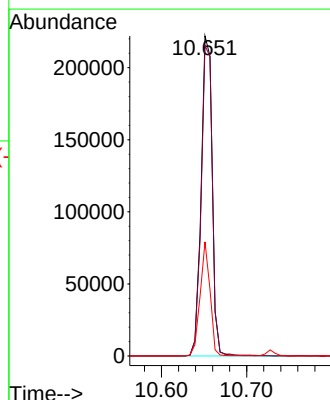
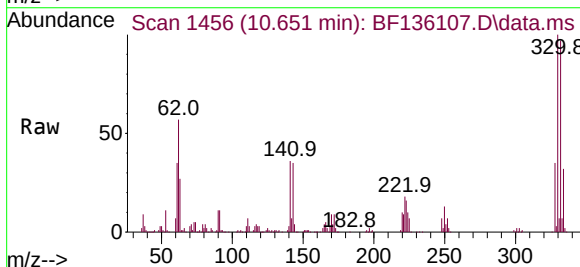
Tgt Ion:330 Resp: 199321

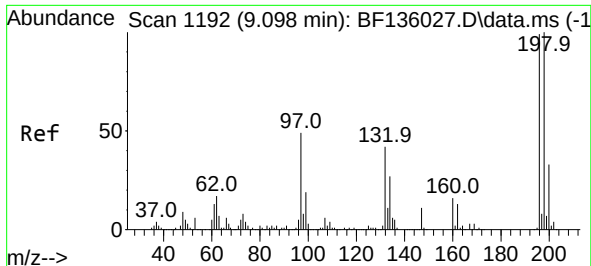
Ion Ratio Lower Upper

330 100

332 97.9 76.9 115.3

141 32.2 23.2 34.8





#43

2,4,6-Trichlorophenol

Concen: 48.793 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

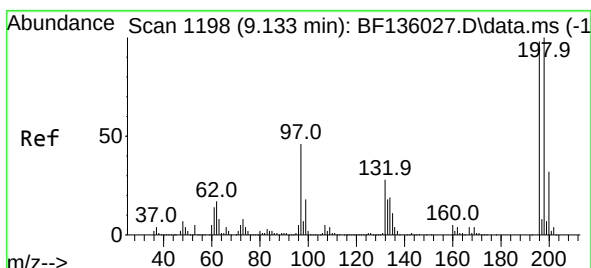
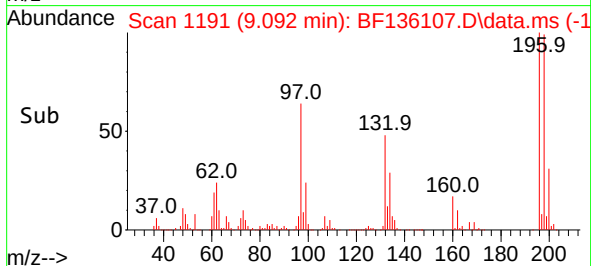
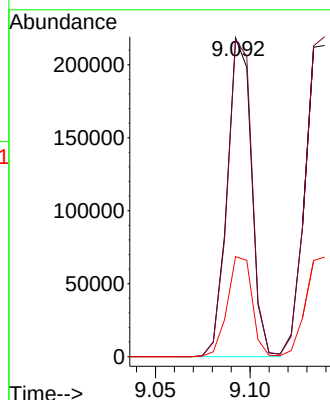
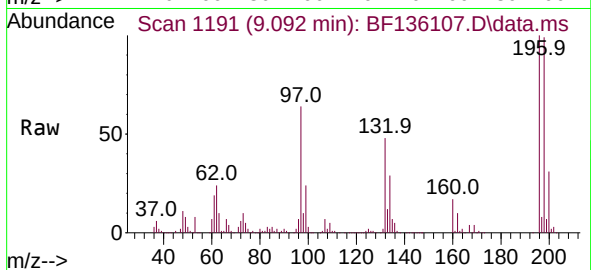
Tgt Ion:196 Resp: 194480

Ion Ratio Lower Upper

196 100

198 99.4 80.7 121.1

200 31.4 26.8 40.2



#44

2,4,5-Trichlorophenol

Concen: 44.783 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Tgt Ion:196 Resp: 206767

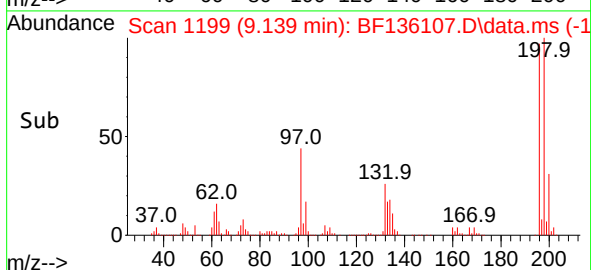
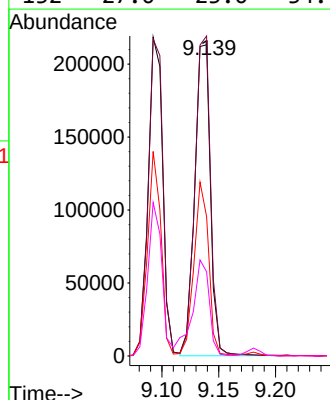
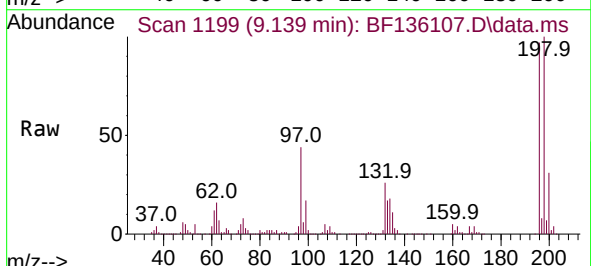
Ion Ratio Lower Upper

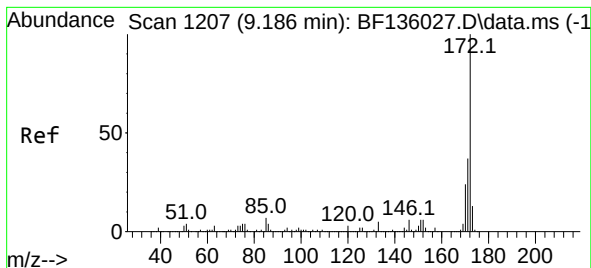
196 100

198 102.8 81.6 122.4

97 44.8 38.2 57.2

132 27.0 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 65.620 ng

RT: 9.181 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

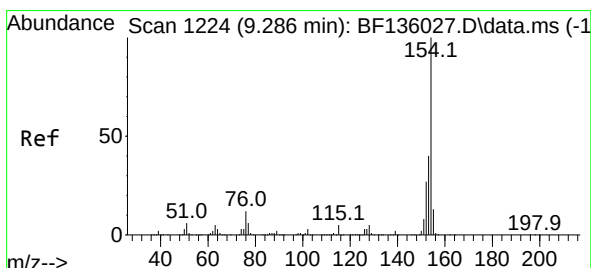
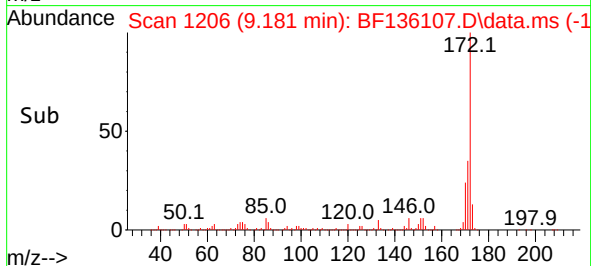
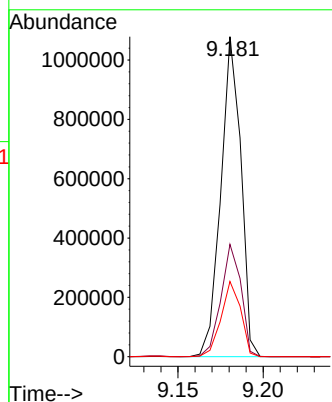
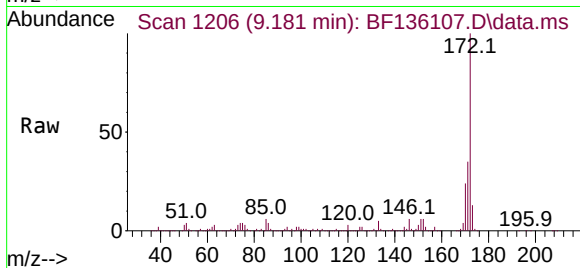
Tgt Ion:172 Resp: 882362

Ion Ratio Lower Upper

172 100

171 35.1 29.4 44.0

170 23.5 19.3 28.9



#46

1,1'-Biphenyl

Concen: 47.882 ng

RT: 9.281 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

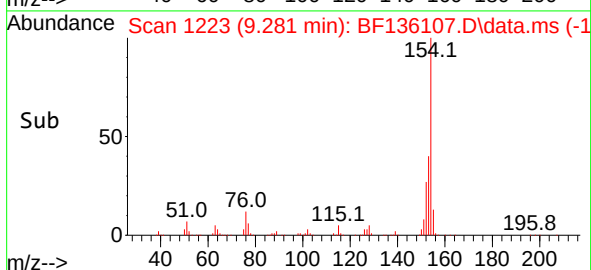
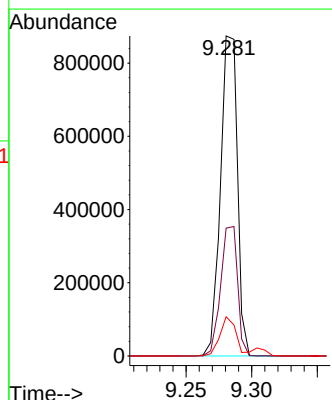
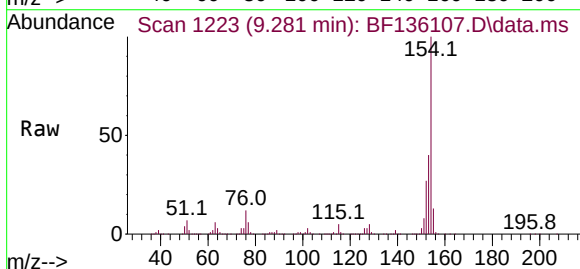
Tgt Ion:154 Resp: 782415

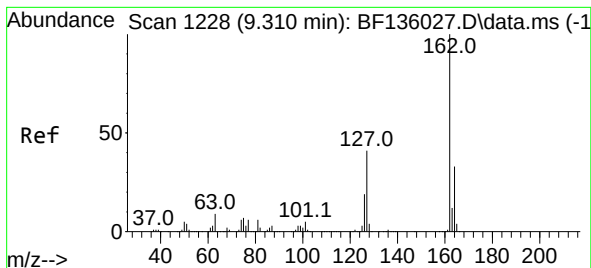
Ion Ratio Lower Upper

154 100

153 40.0 20.1 60.1

76 12.3 0.0 32.5





#47

2-Chloronaphthalene

Concen: 49.136 ng

RT: 9.304 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

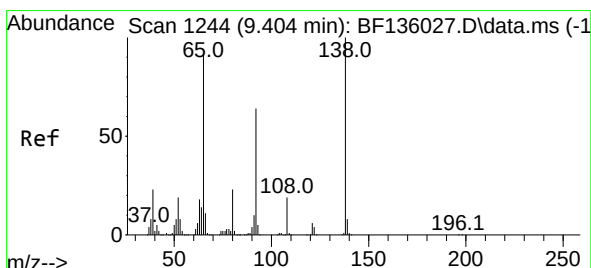
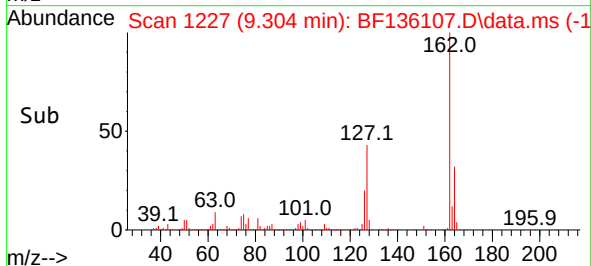
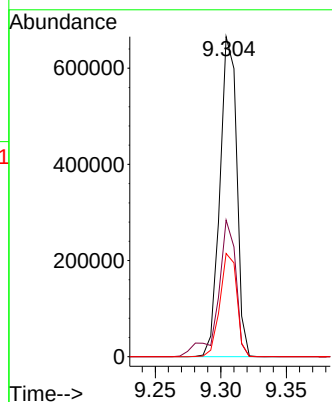
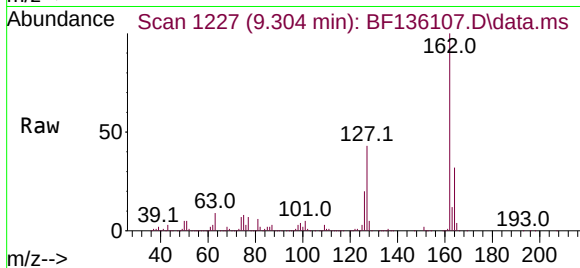
Tgt Ion:162 Resp: 591893

Ion Ratio Lower Upper

162 100

127 42.7 32.4 48.6

164 32.2 26.7 40.1



#48

2-Nitroaniline

Concen: 49.737 ng

RT: 9.404 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

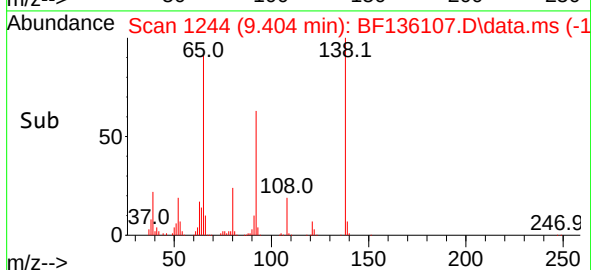
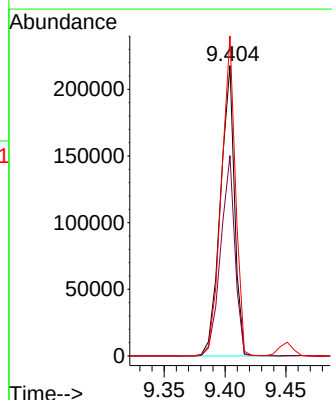
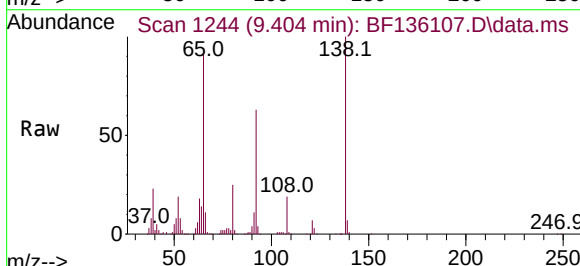
Tgt Ion: 65 Resp: 177311

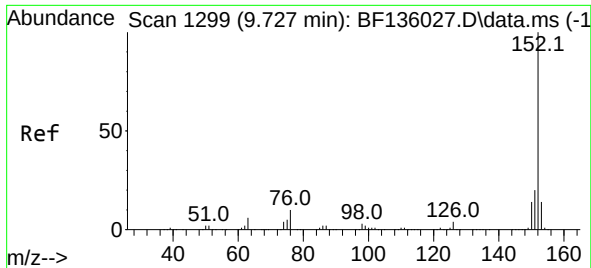
Ion Ratio Lower Upper

65 100

92 69.0 55.7 83.5

138 110.2 86.8 130.2





#49

Acenaphthylene

Concen: 48.916 ng

RT: 9.722 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

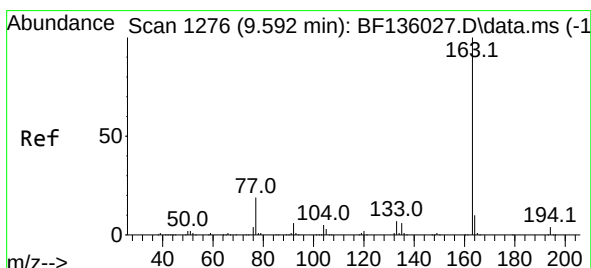
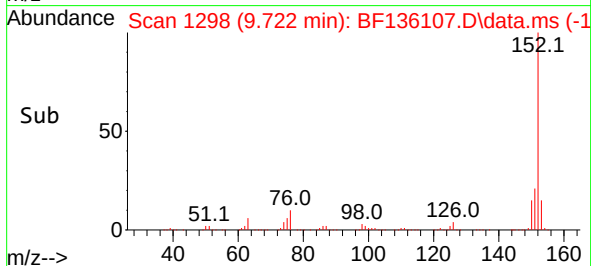
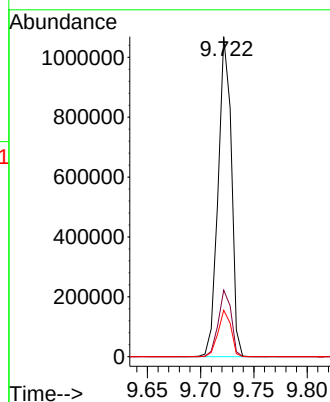
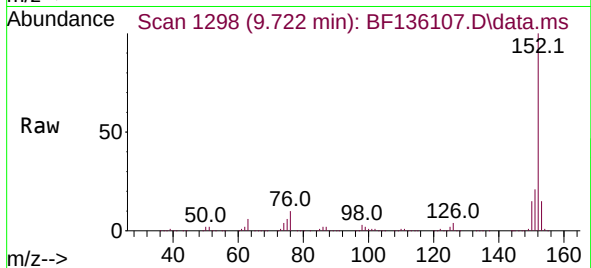
Tgt Ion:152 Resp: 919238

Ion Ratio Lower Upper

152 100

151 20.8 16.1 24.1

153 14.5 11.4 17.2



#50

Dimethylphthalate

Concen: 48.698 ng

RT: 9.586 min Scan# 1275

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

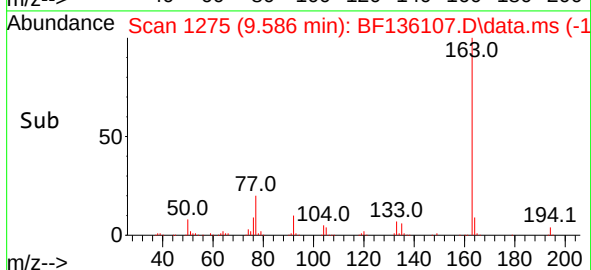
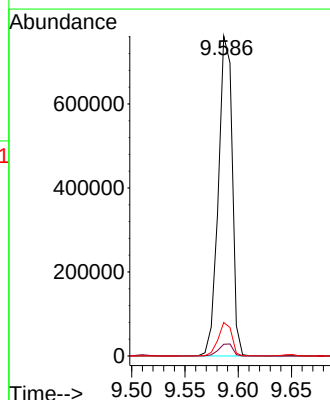
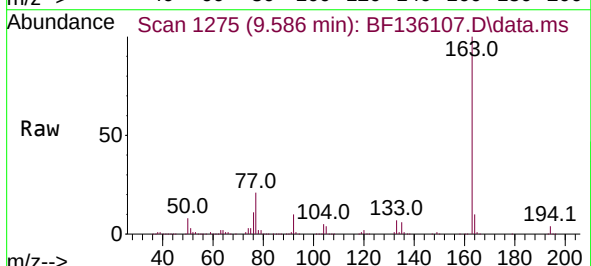
Tgt Ion:163 Resp: 688536

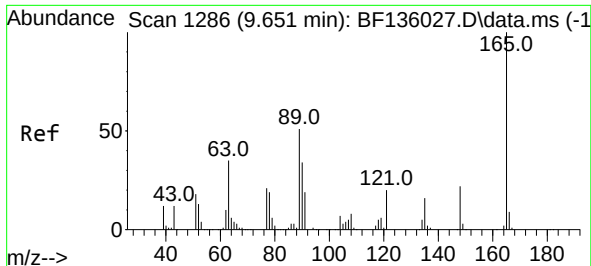
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.5 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 50.140 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

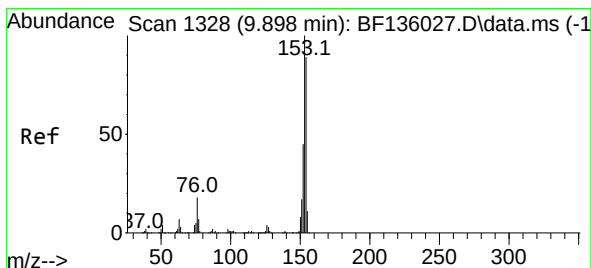
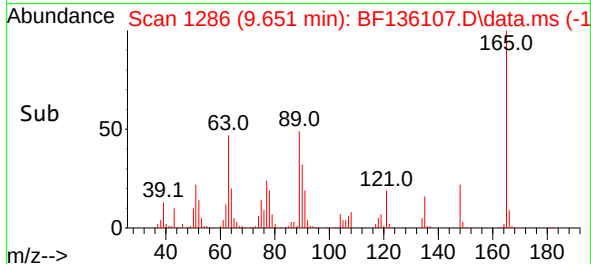
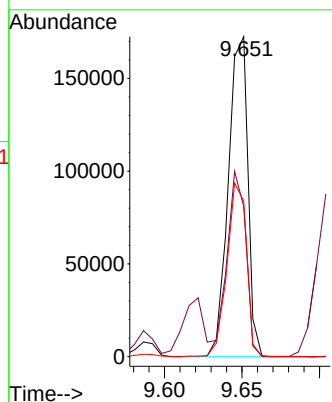
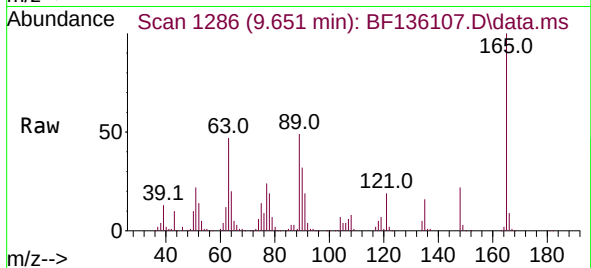
Tgt Ion:165 Resp: 151623

Ion Ratio Lower Upper

165 100

63 46.9 40.8 61.2

89 48.7 41.1 61.7



#52

Acenaphthene

Concen: 47.929 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

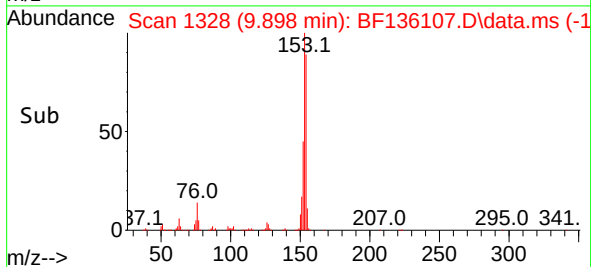
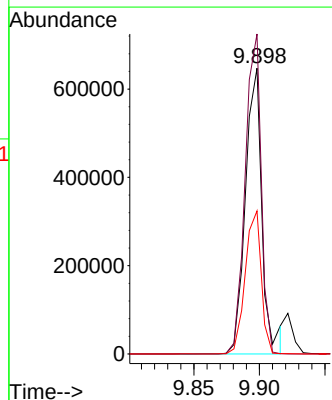
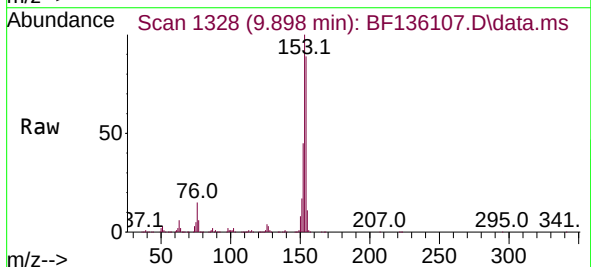
Tgt Ion:154 Resp: 572580

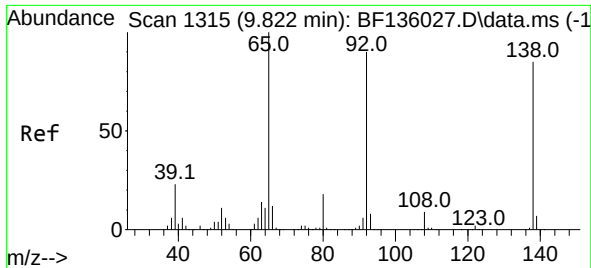
Ion Ratio Lower Upper

154 100

153 112.0 89.9 134.9

152 50.1 40.2 60.2

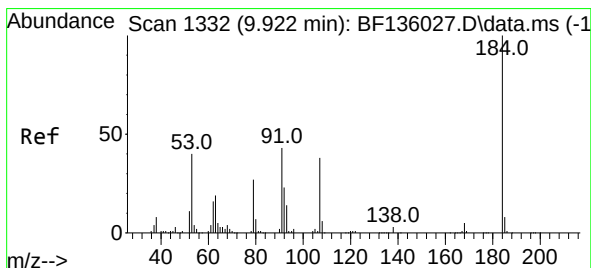
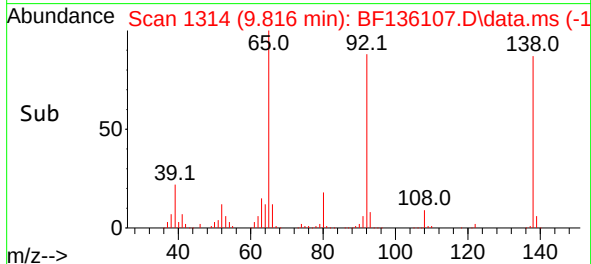
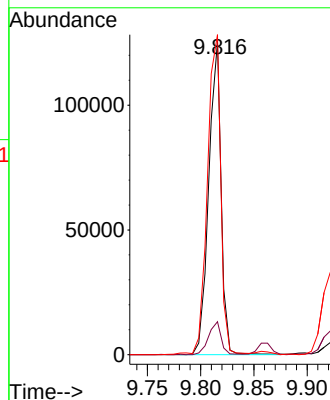
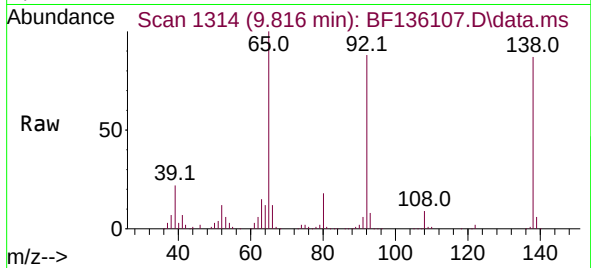




#53
3-Nitroaniline
Concen: 28.800 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

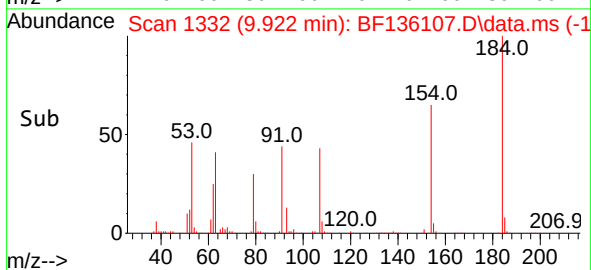
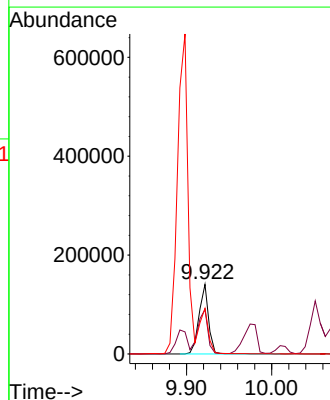
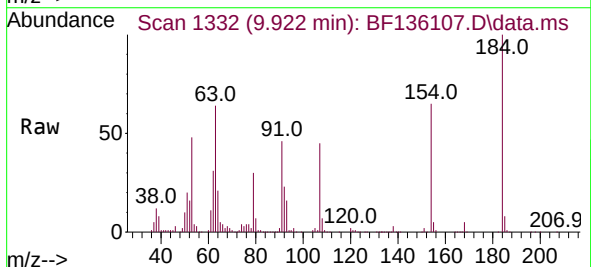
Instrument :
BNA_F
ClientSampleId :

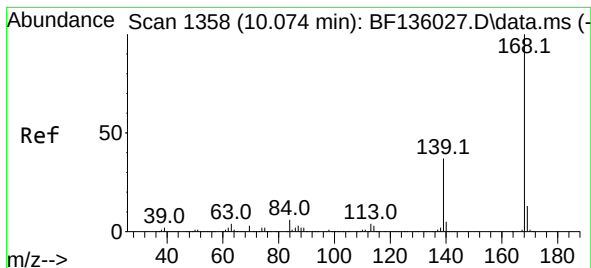
Tgt Ion:138 Resp: 101619
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 102.2 84.6 126.8



#54
2,4-Dinitrophenol
Concen: 68.724 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Tgt Ion:184 Resp: 110587
Ion Ratio Lower Upper
184 100
63 63.9 43.7 65.5
154 65.4 51.2 76.8





#55

Dibenzenofuran

Concen: 46.167 ng

RT: 10.069 min Scan# 1357

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

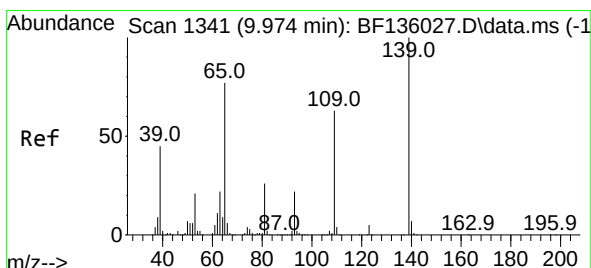
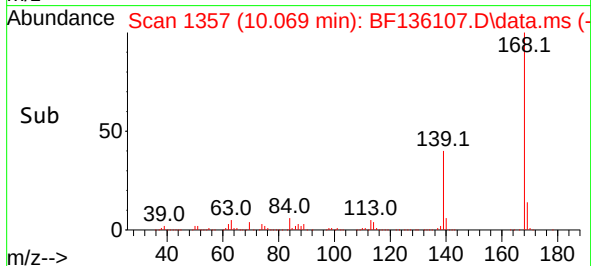
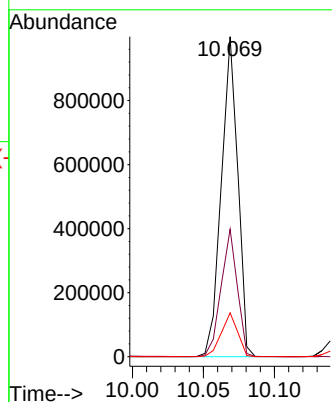
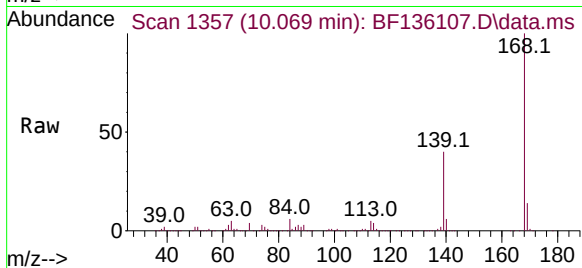
Tgt Ion:168 Resp: 804206

Ion Ratio Lower Upper

168 100

139 39.8 29.4 44.0

169 13.7 10.5 15.7



#56

4-Nitrophenol

Concen: 90.710 ng

RT: 9.980 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

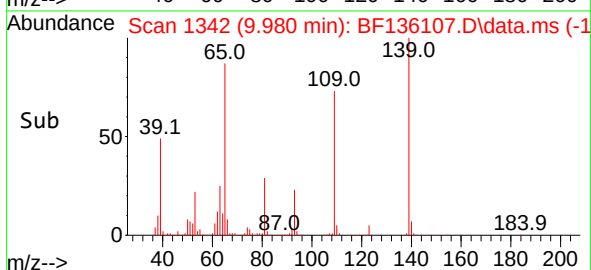
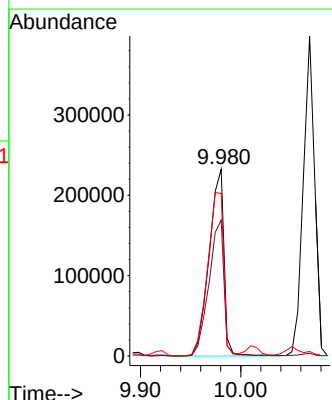
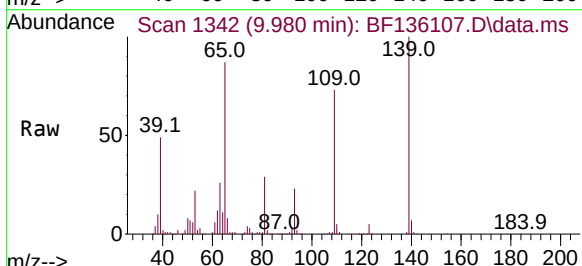
Tgt Ion:139 Resp: 239416

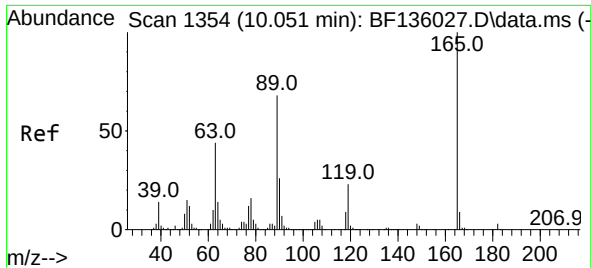
Ion Ratio Lower Upper

139 100

109 72.8 43.2 83.2

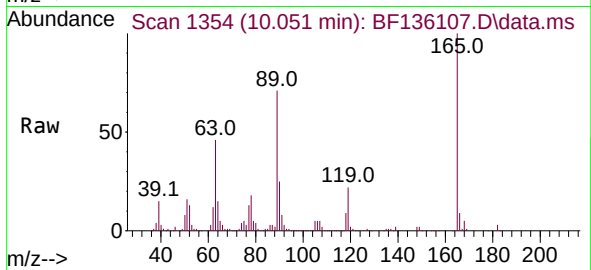
65 87.2 57.6 97.6



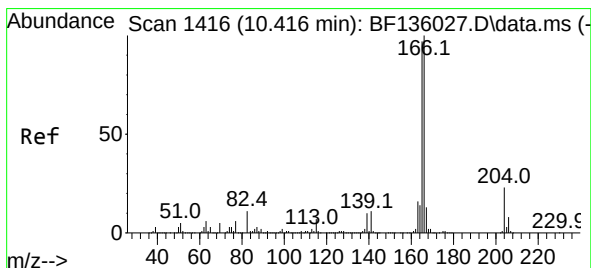
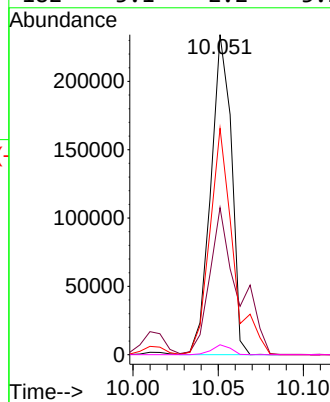
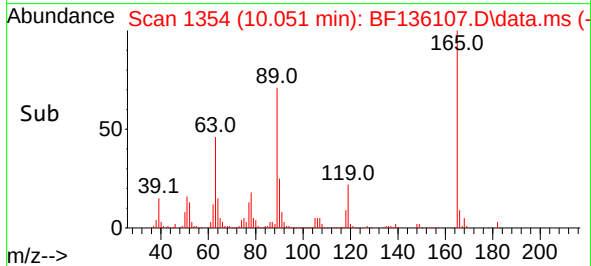


#57
2,4-Dinitrotoluene
Concen: 51.626 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

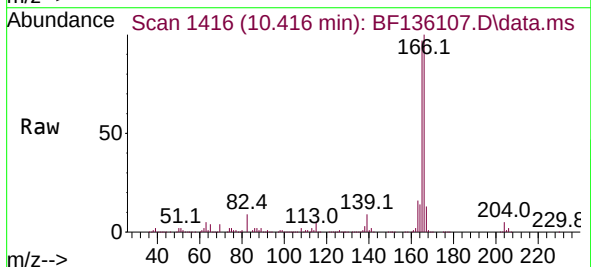
Instrument :
BNA_F
ClientSampleId :



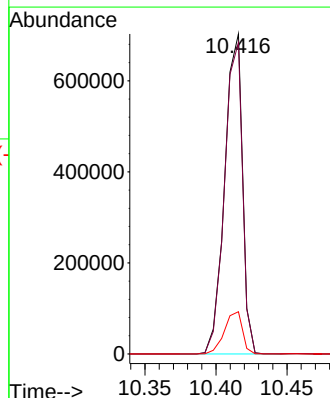
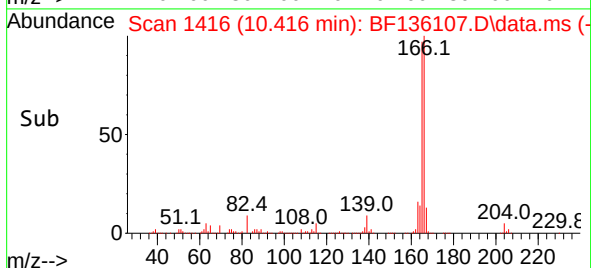
Tgt Ion:165 Resp: 197525
Ion Ratio Lower Upper
165 100
63 45.9 35.2 52.8
89 70.8 54.8 82.2
182 3.1 2.2 3.2

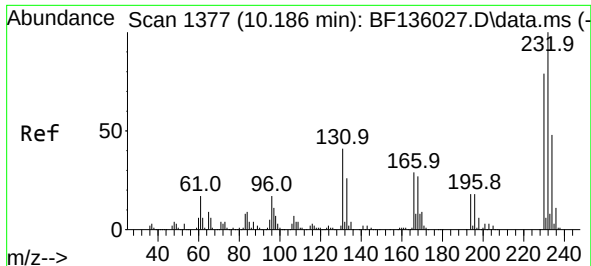


#58
Fluorene
Concen: 46.823 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05



Tgt Ion:166 Resp: 610690
Ion Ratio Lower Upper
166 100
165 97.4 77.7 116.5
167 13.2 10.6 16.0

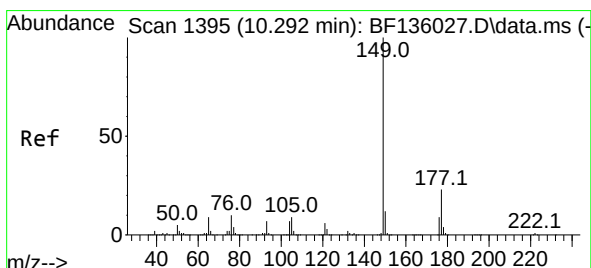
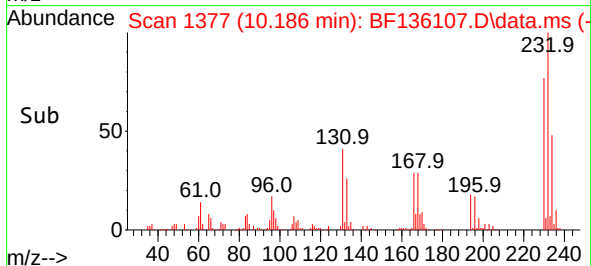
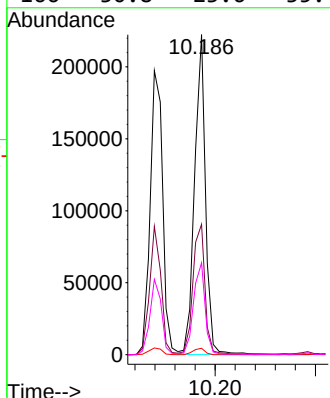
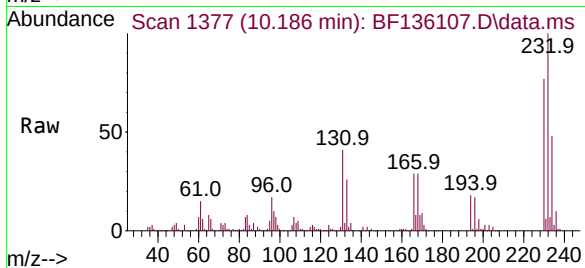




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.938 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

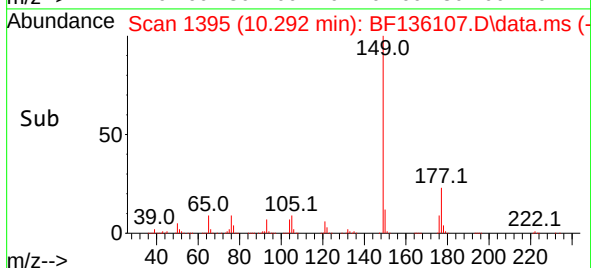
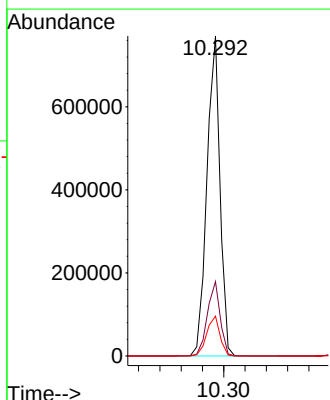
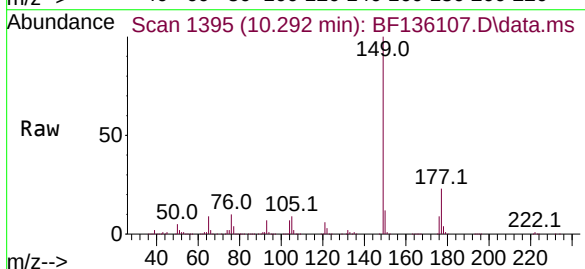
Instrument :
BNA_F
ClientSampleId :

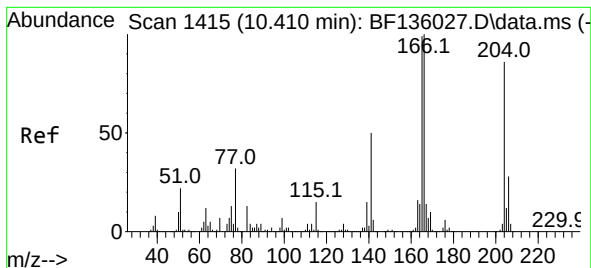
Tgt Ion:232 Resp: 168628
Ion Ratio Lower Upper
232 100
131 45.3 34.6 52.0
130 2.1 1.6 2.4
166 30.8 23.6 35.4



#60
Diethylphthalate
Concen: 48.547 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Tgt Ion:149 Resp: 655836
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 12.5 9.9 14.9

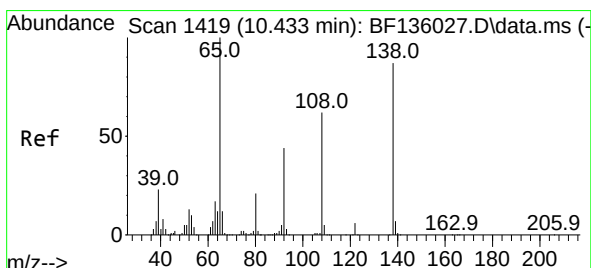
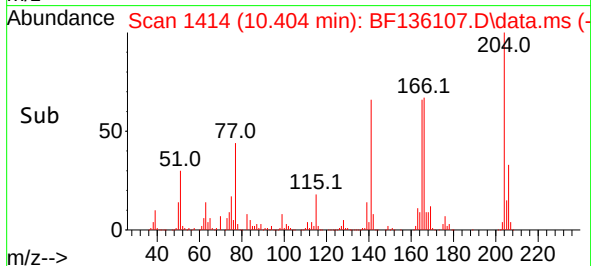
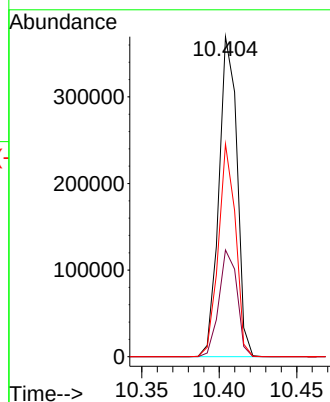
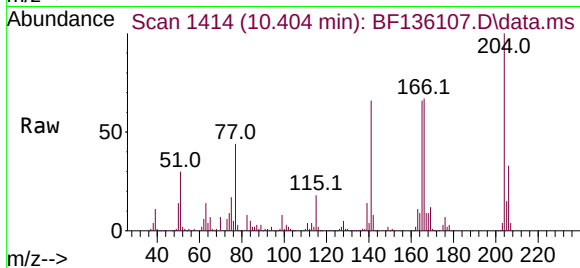




#61
4-Chlorophenyl-phenylether
Concen: 46.095 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

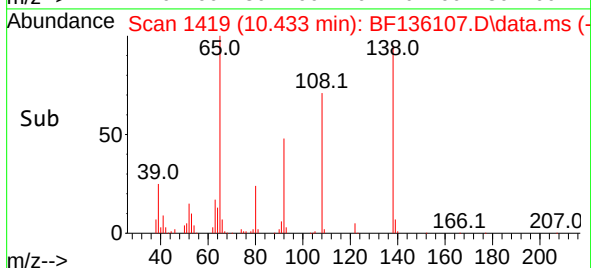
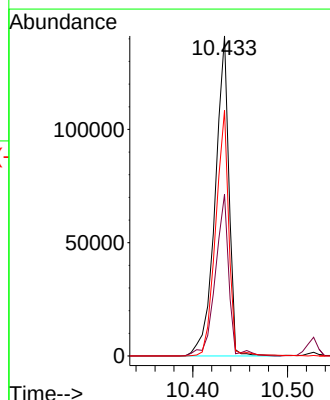
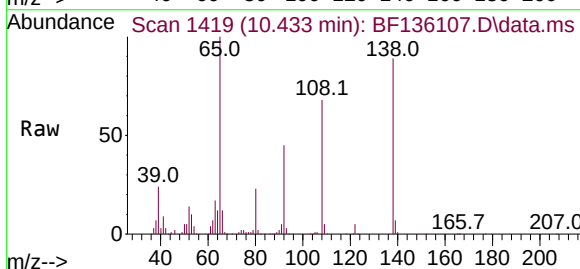
Instrument :
BNA_F
ClientSampleId :

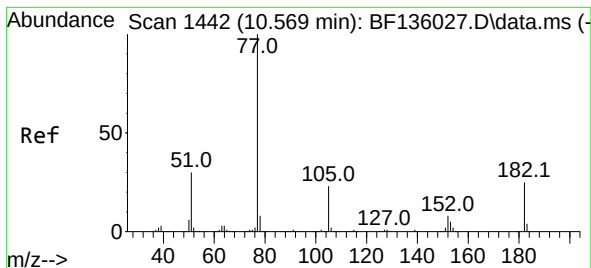
Tgt Ion:204 Resp: 300097
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 66.4 46.8 70.2



#62
4-Nitroaniline
Concen: 42.024 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Tgt Ion:138 Resp: 142784
Ion Ratio Lower Upper
138 100
92 50.5 30.6 70.6
108 76.7 51.5 91.5





#63

Azobenzene

Concen: 45.990 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 598346

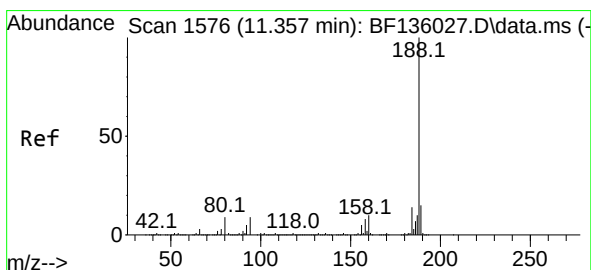
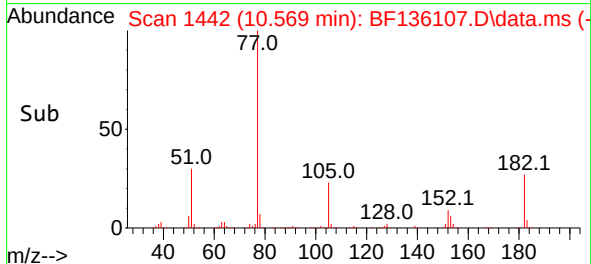
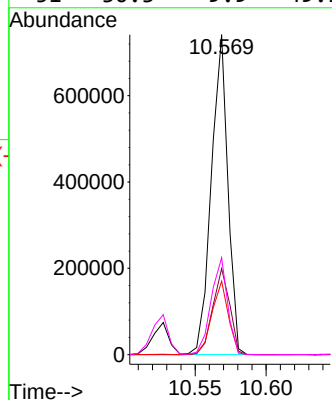
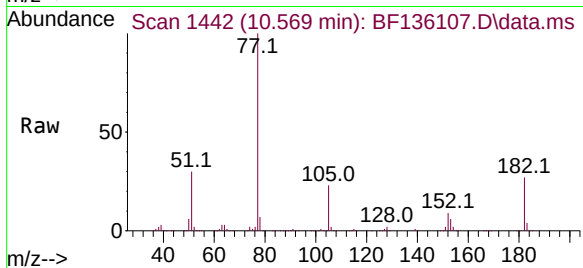
Ion Ratio Lower Upper

77 100

182 26.9 5.0 45.0

105 22.9 2.6 42.6

51 30.3 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

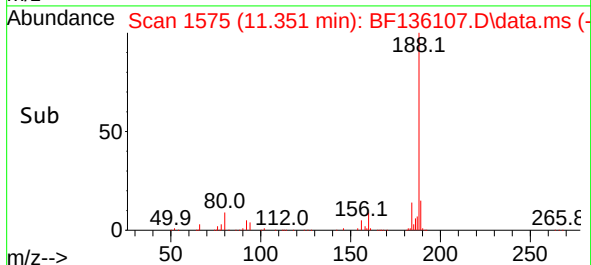
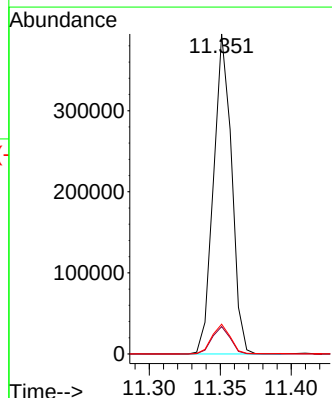
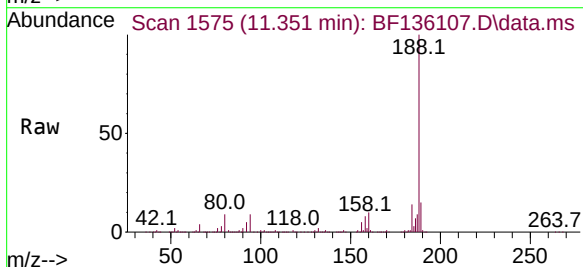
Tgt Ion: 188 Resp: 348866

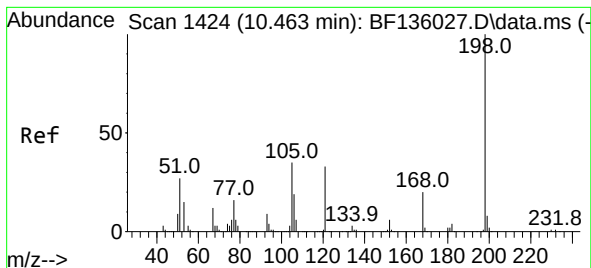
Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 9.3 7.4 11.0

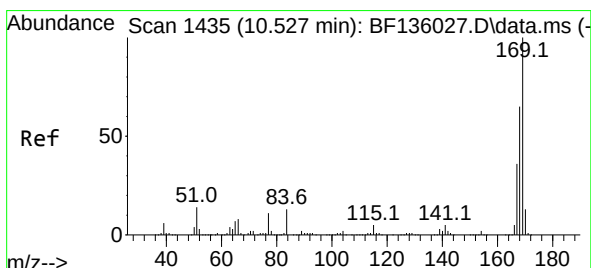
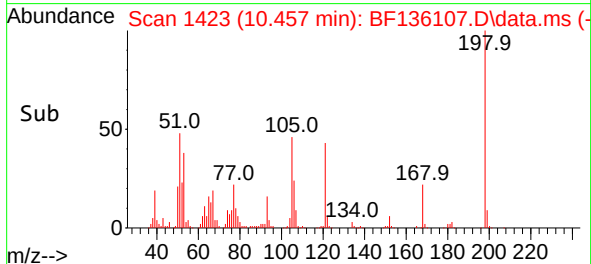
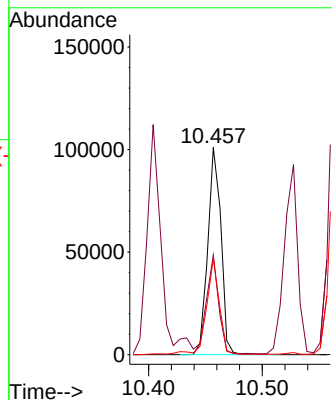
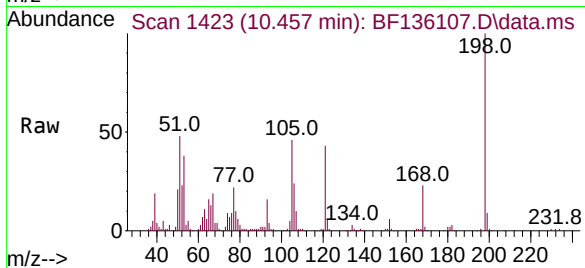




#65
4,6-Dinitro-2-methylphenol
Concen: 43.150 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

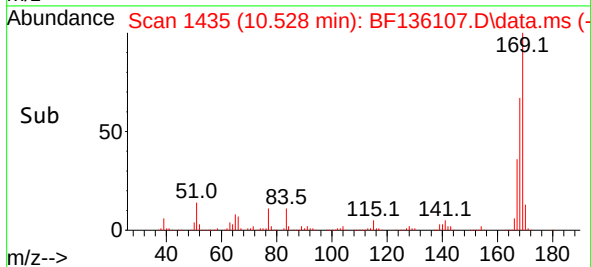
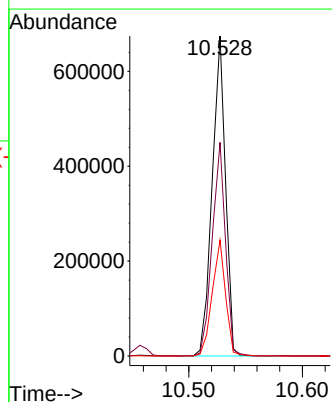
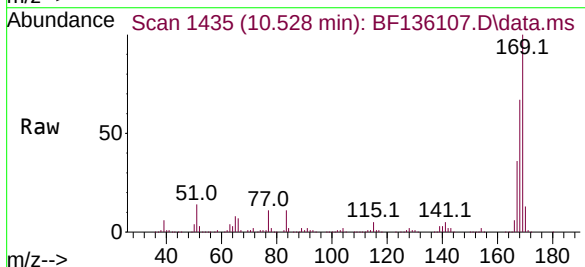
Instrument :
BNA_F
ClientSampleId :

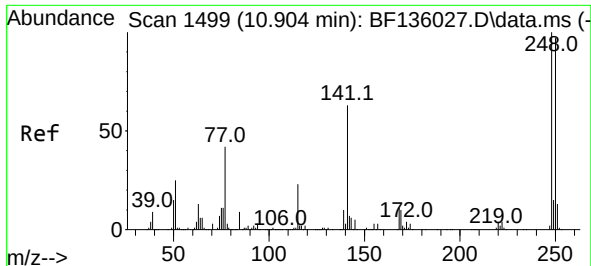
Tgt Ion:198 Resp: 81439
Ion Ratio Lower Upper
198 100
51 48.0 12.9 52.9
105 46.5 16.0 56.0



#66
n-Nitrosodiphenylamine
Concen: 52.054 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Tgt Ion:169 Resp: 547817
Ion Ratio Lower Upper
169 100
168 66.8 52.2 78.2
167 36.2 28.7 43.1

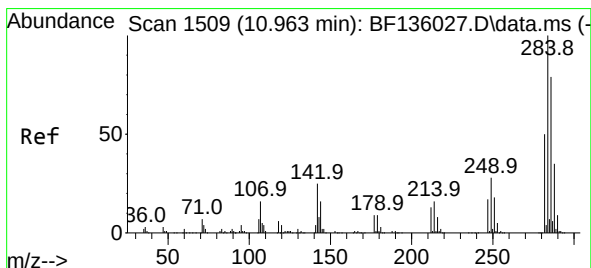
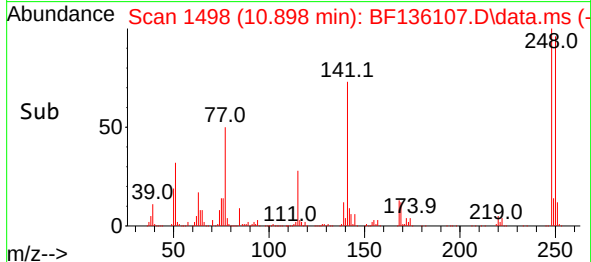
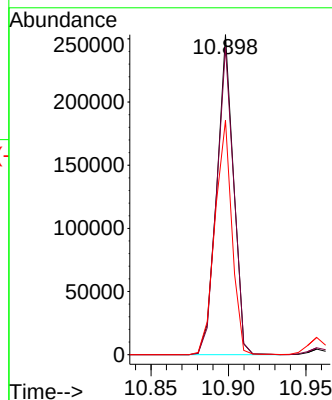
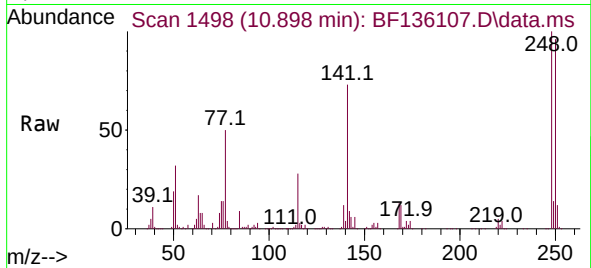




#67
4-Bromophenyl-phenylether
Concen: 52.049 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

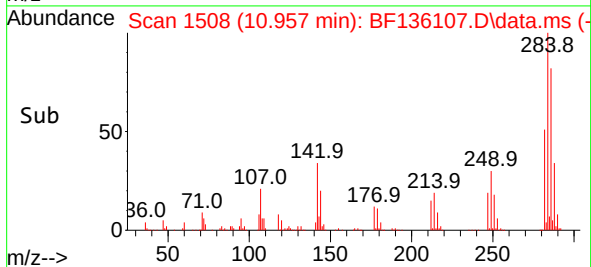
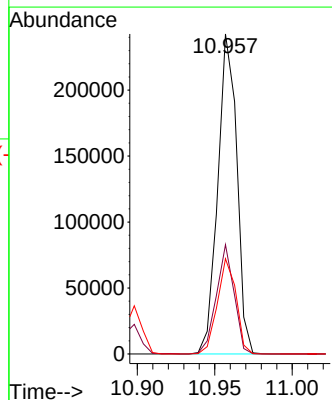
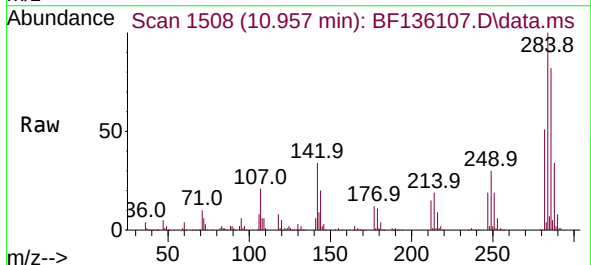
Instrument :
BNA_F
ClientSampleId :

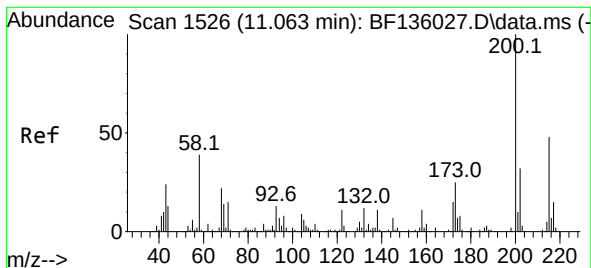
Tgt Ion:248 Resp: 190376
Ion Ratio Lower Upper
248 100
250 96.1 77.6 116.4
141 73.2 50.4 75.6



#68
Hexachlorobenzene
Concen: 53.027 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Tgt Ion:284 Resp: 207146
Ion Ratio Lower Upper
284 100
142 34.2 20.2 30.4#
249 29.8 22.6 33.8





#69

Atrazine

Concen: 65.906 ng

RT: 11.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

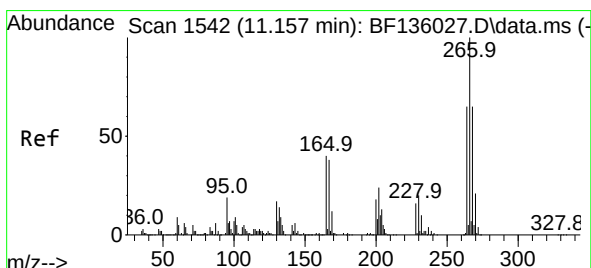
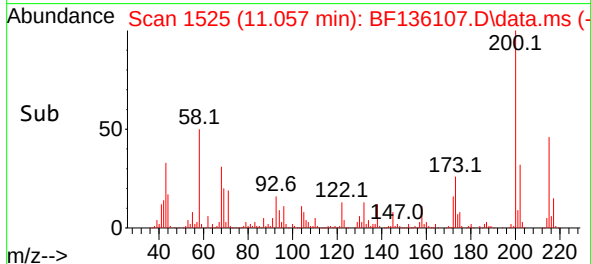
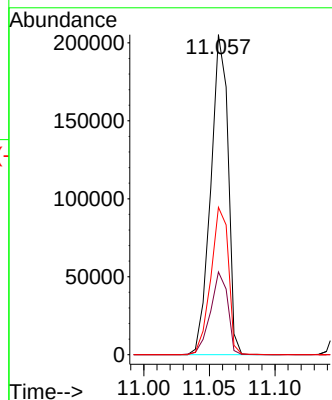
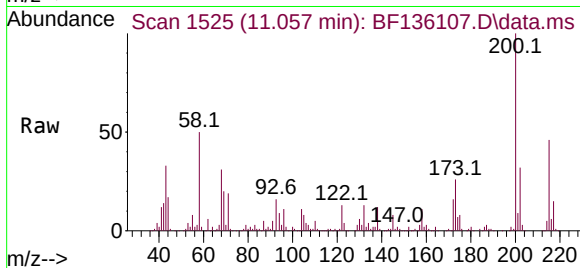
Tgt Ion:200 Resp: 188713

Ion Ratio Lower Upper

200 100

173 25.9 5.2 45.2

215 46.1 28.4 68.4



#70

Pentachlorophenol

Concen: 85.727 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

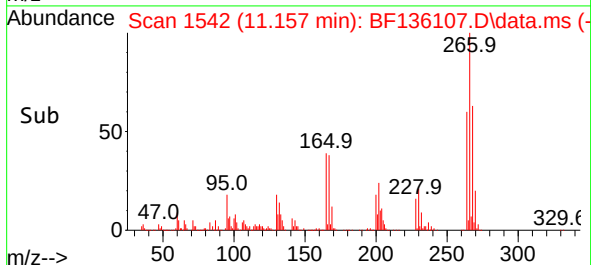
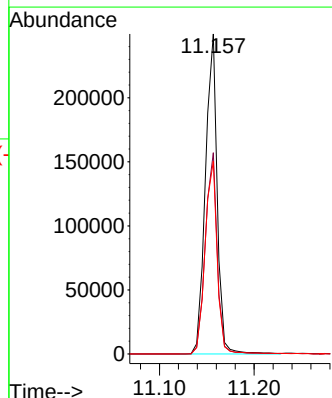
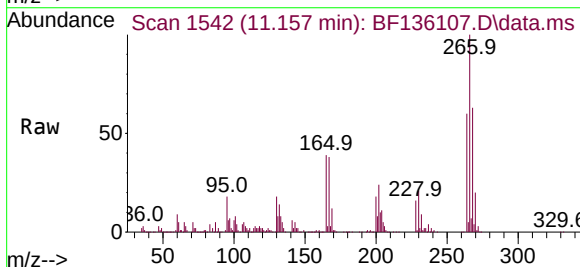
Tgt Ion:266 Resp: 215070

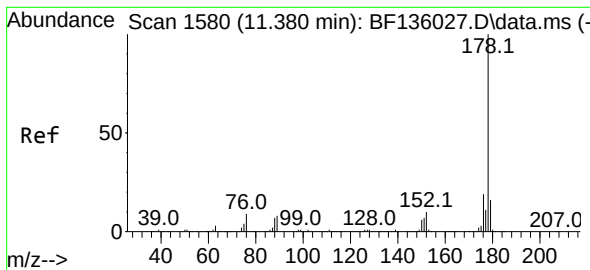
Ion Ratio Lower Upper

266 100

268 62.9 52.2 78.4

264 60.2 52.2 78.4





#71

Phenanthrene

Concen: 48.497 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

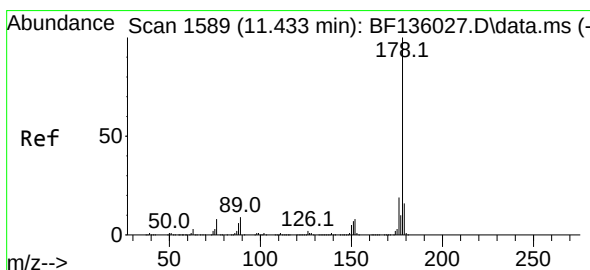
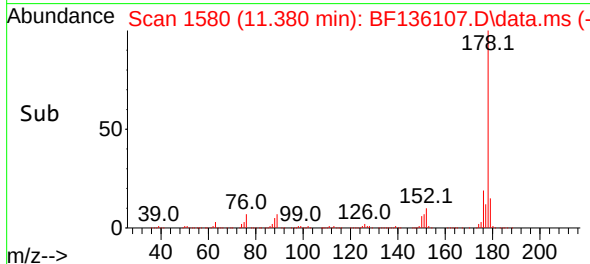
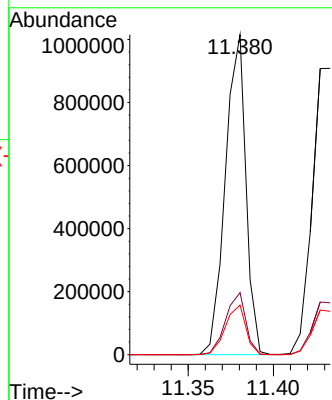
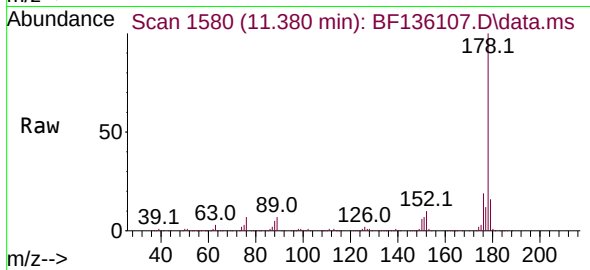
Tgt Ion:178 Resp: 851871

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.5 12.9 19.3



#72

Anthracene

Concen: 47.945 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

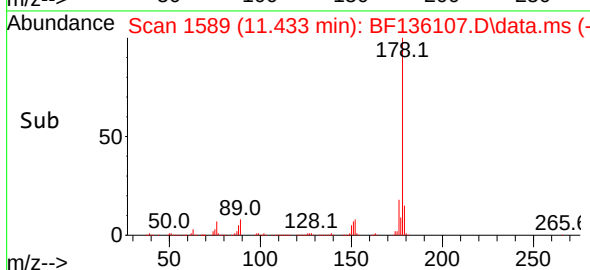
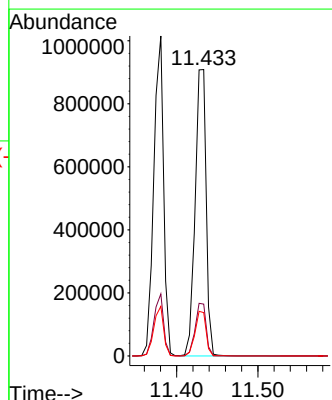
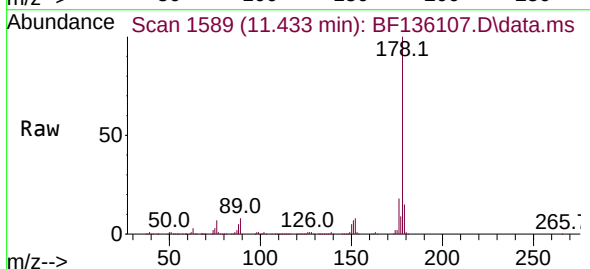
Tgt Ion:178 Resp: 862977

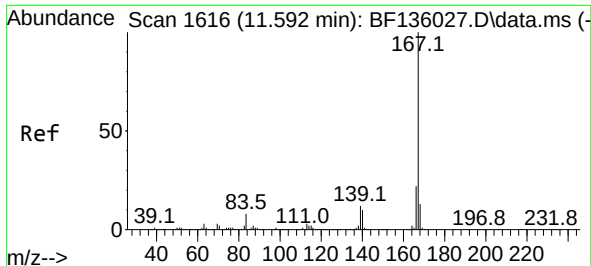
Ion Ratio Lower Upper

178 100

176 18.1 15.0 22.4

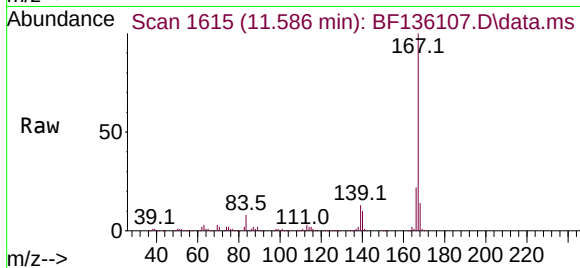
179 15.2 12.6 18.8



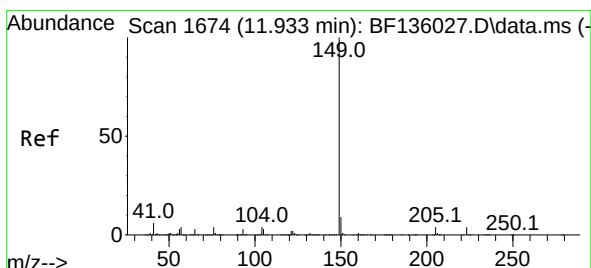
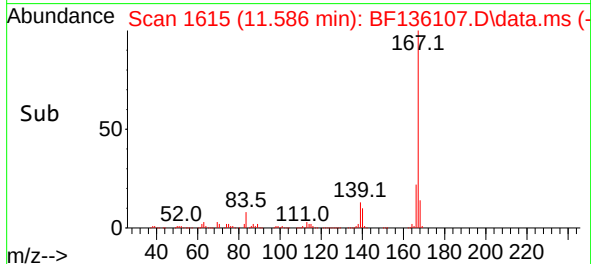
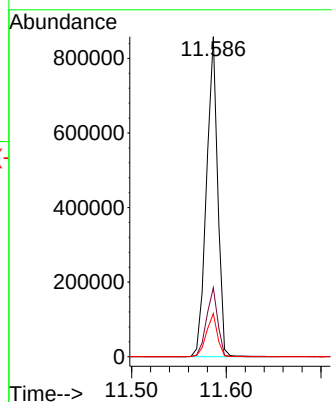


#73
Carbazole
Concen: 44.833 ng
RT: 11.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Instrument :
BNA_F
ClientSampleId :

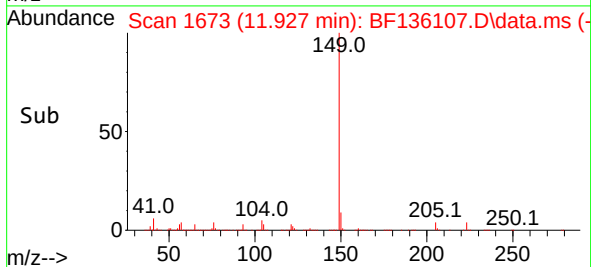
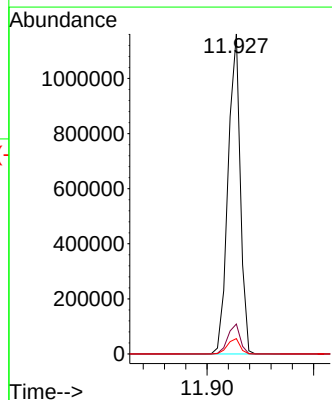
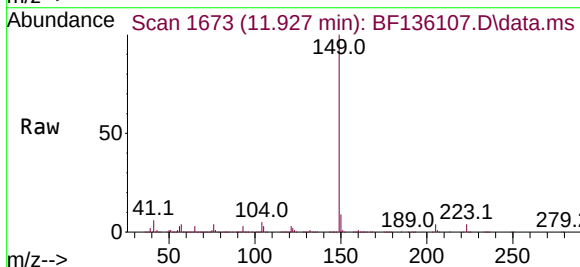


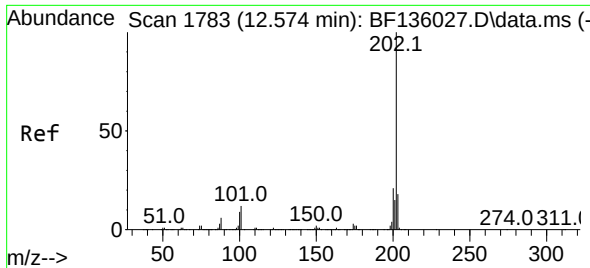
Tgt Ion:167 Resp: 701237
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 13.5 9.9 14.9



#74
Di-n-butylphthalate
Concen: 51.607 ng
RT: 11.927 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Tgt Ion:149 Resp: 922343
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.8 3.6 5.4

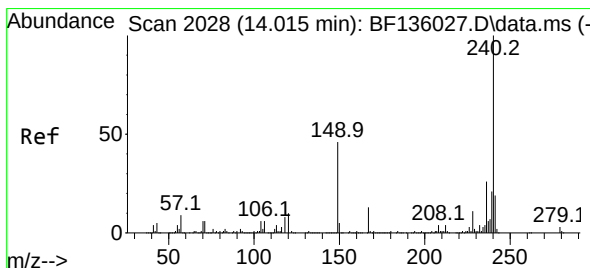
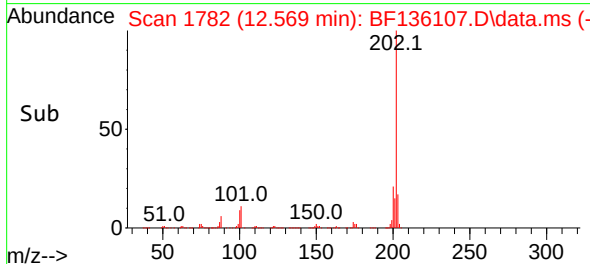
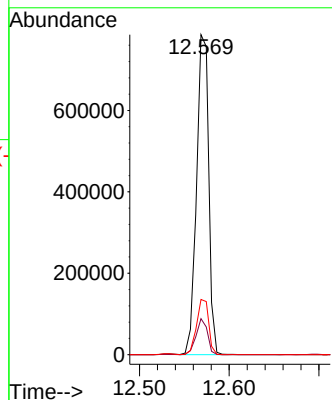
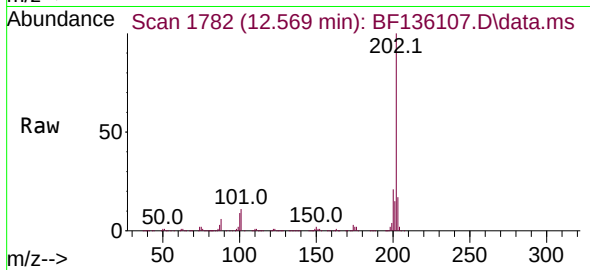




#75
Fluoranthene
Concen: 40.854 ng
RT: 12.569 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

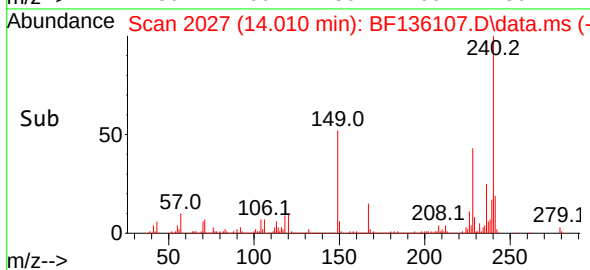
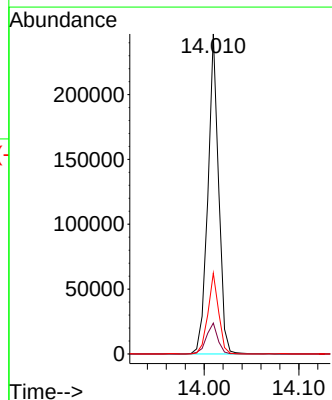
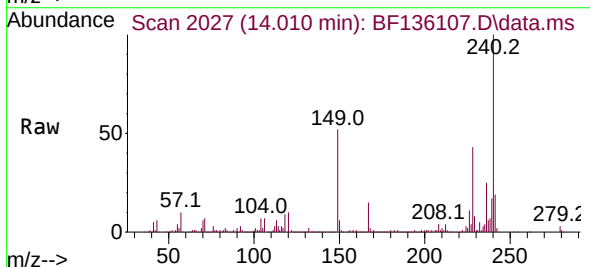
Instrument :
BNA_F
ClientSampleId :

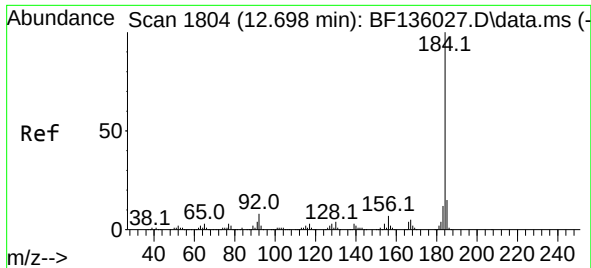
Tgt Ion:202 Resp: 737215
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.8
203 17.2 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Tgt Ion:240 Resp: 193244
Ion Ratio Lower Upper
240 100
120 9.6 7.6 11.4
236 25.2 20.6 31.0

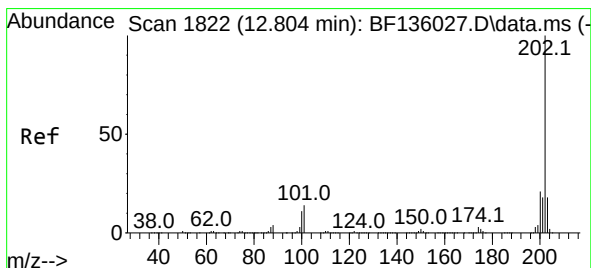
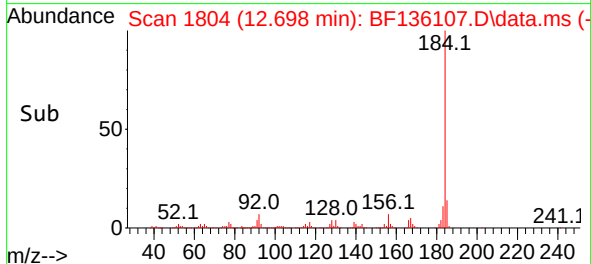
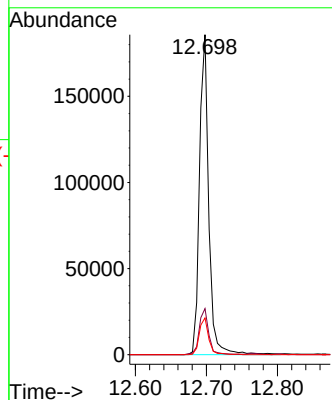
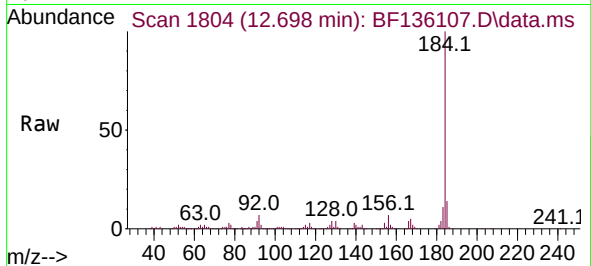




#77
Benzidine
Concen: 44.827 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

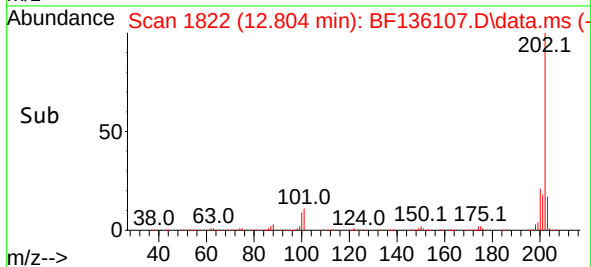
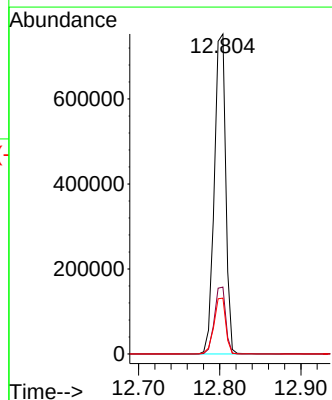
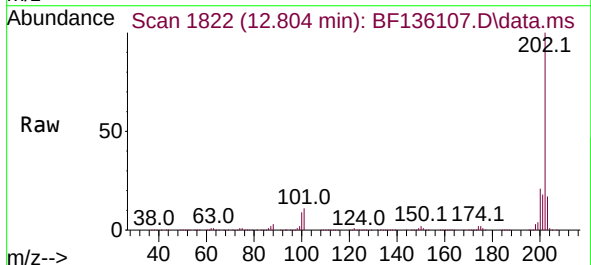
Instrument :
BNA_F
ClientSampleId :

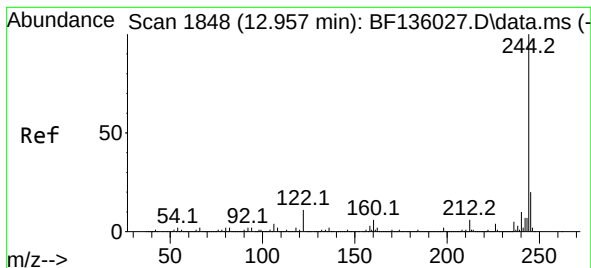
Tgt Ion:184 Resp: 168841
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 11.5 9.5 14.3



#78
Pyrene
Concen: 43.024 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Tgt Ion:202 Resp: 733014
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 61.025 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

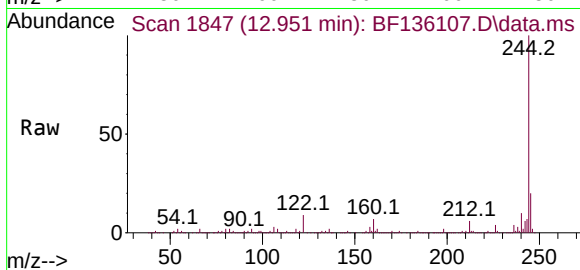
Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :



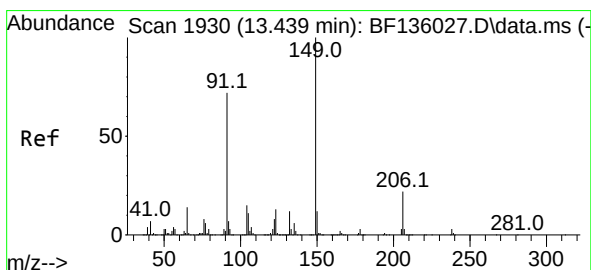
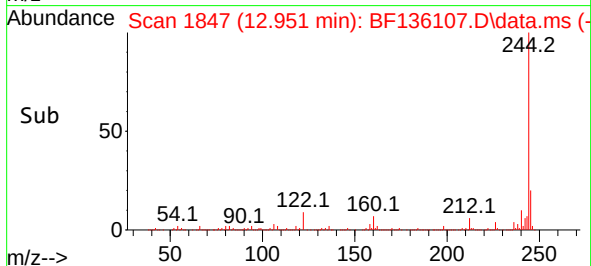
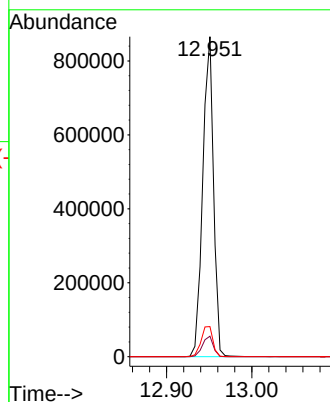
Tgt Ion:244 Resp: 758846

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 9.4 8.6 12.8



#80

Butylbenzylphthalate

Concen: 47.702 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

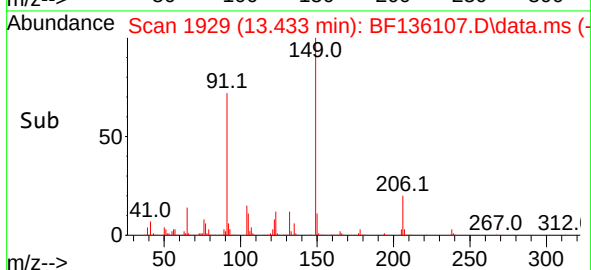
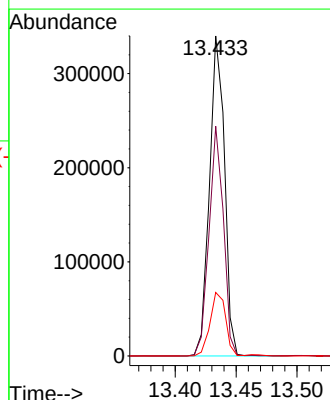
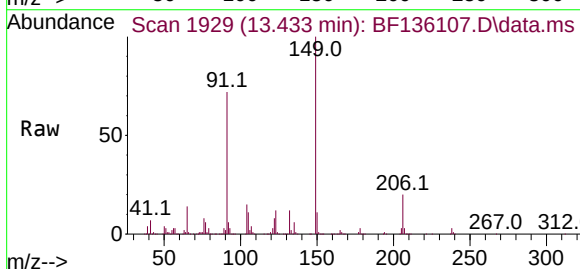
Tgt Ion:149 Resp: 290914

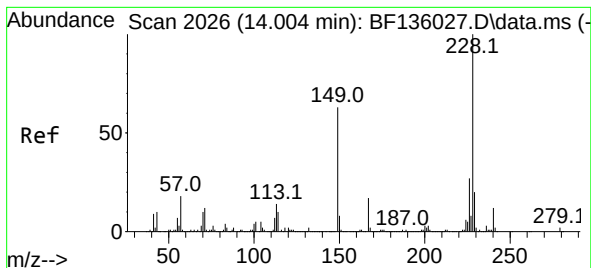
Ion Ratio Lower Upper

149 100

91 71.8 57.6 86.4

206 19.8 17.4 26.0





#81

Benzo(a)anthracene

Concen: 48.045 ng

RT: 13.998 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

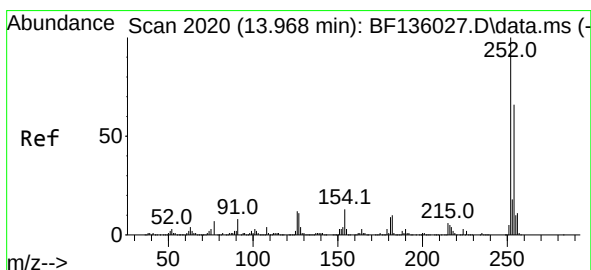
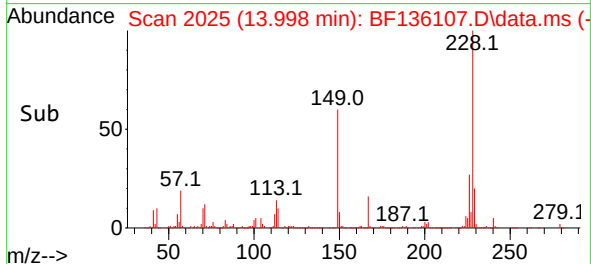
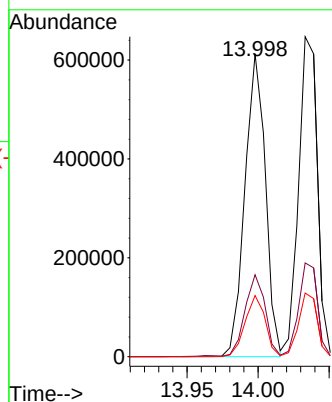
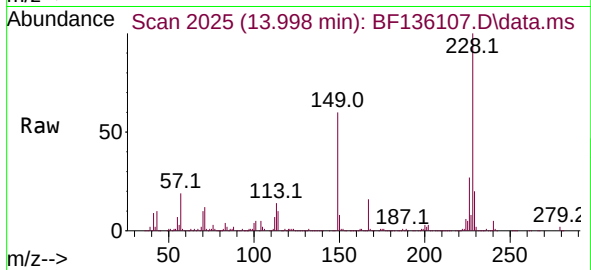
Tgt Ion:228 Resp: 614656

Ion Ratio Lower Upper

228 100

226 27.1 21.5 32.3

229 20.2 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 29.614 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

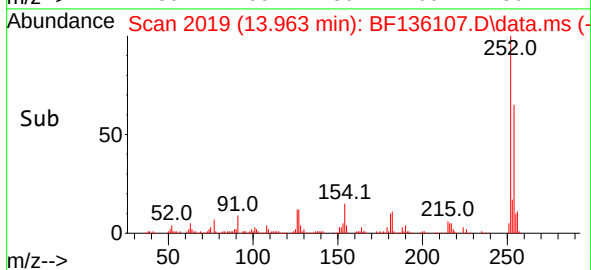
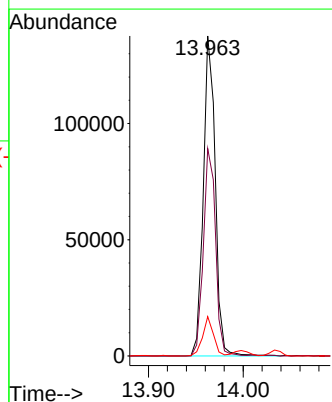
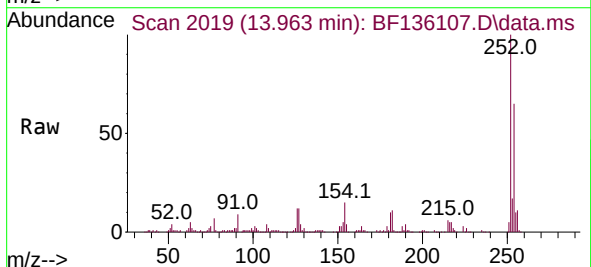
Tgt Ion:252 Resp: 120923

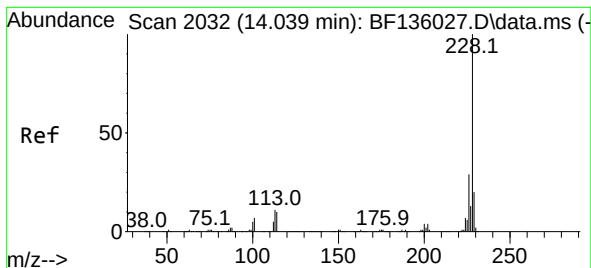
Ion Ratio Lower Upper

252 100

254 64.8 52.5 78.7

126 12.3 9.4 14.2





#83

Chrysene

Concen: 47.404 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

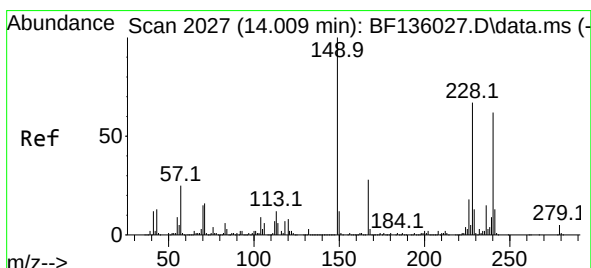
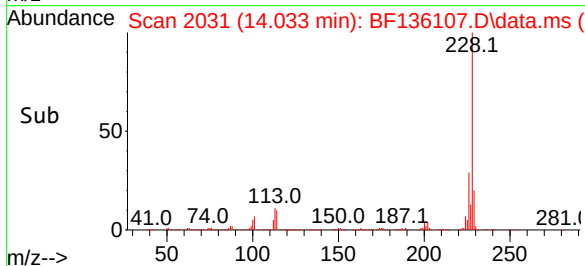
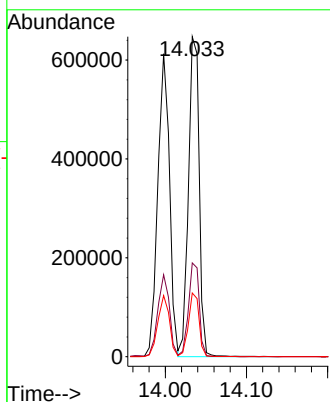
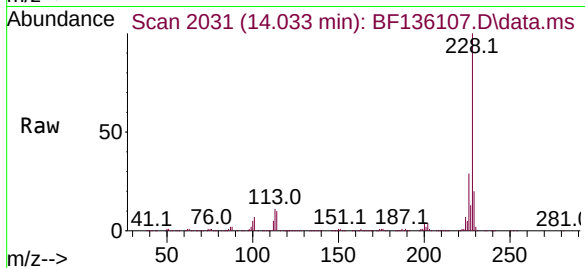
Tgt Ion:228 Resp: 597248

Ion Ratio Lower Upper

228 100

226 29.3 23.5 35.3

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.643 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

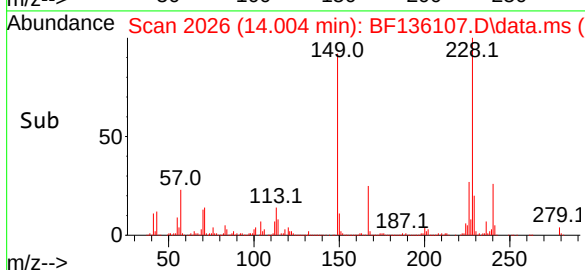
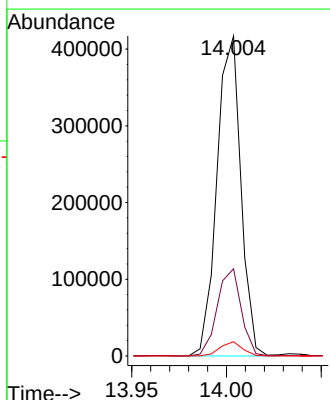
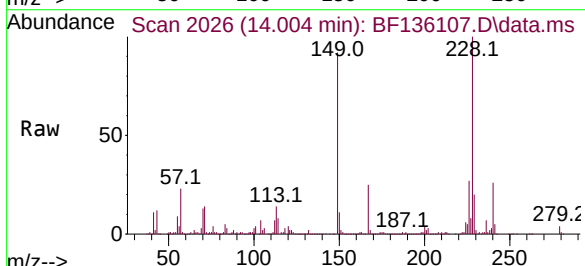
Tgt Ion:149 Resp: 366933

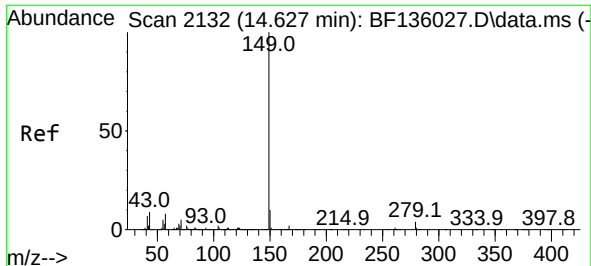
Ion Ratio Lower Upper

149 100

167 27.2 22.6 33.8

279 4.5 4.1 6.1

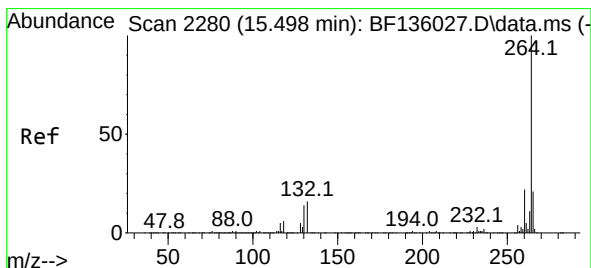
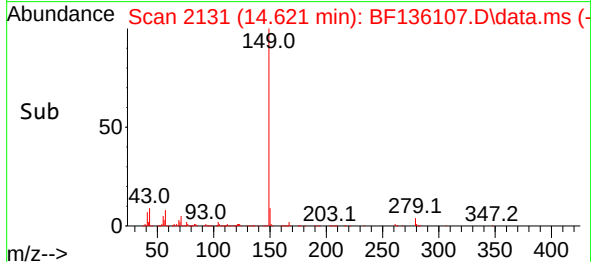
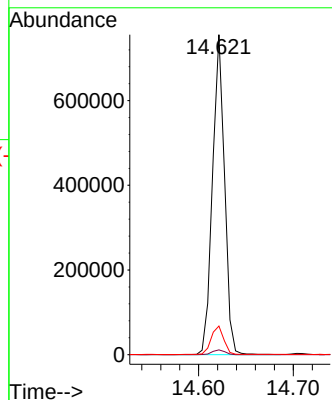
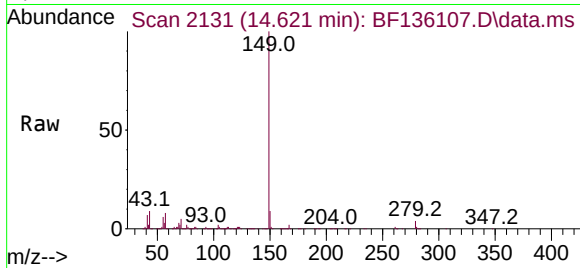




#85
Di-n-octyl phthalate
Concen: 62.613 ng
RT: 14.621 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

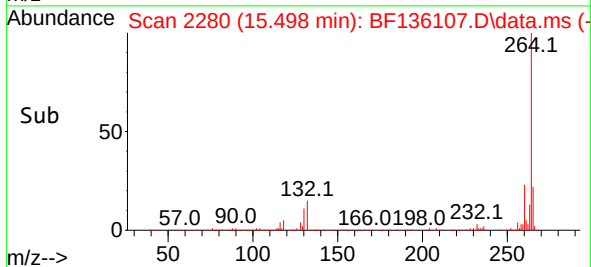
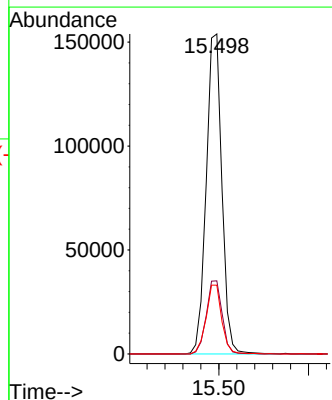
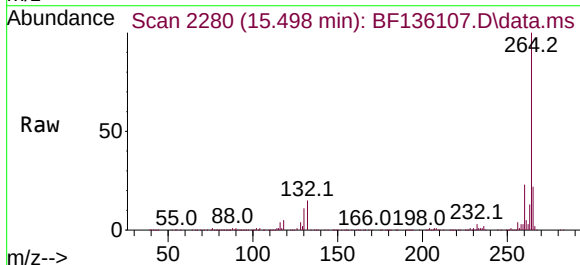
Instrument :
BNA_F
ClientSampleId :

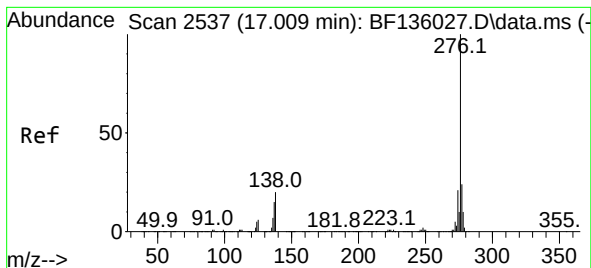
Tgt Ion:149 Resp: 666448
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Tgt Ion:264 Resp: 186034
Ion Ratio Lower Upper
264 100
260 22.8 17.9 26.9
265 21.5 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.705 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

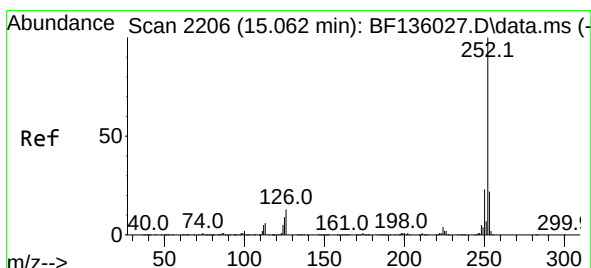
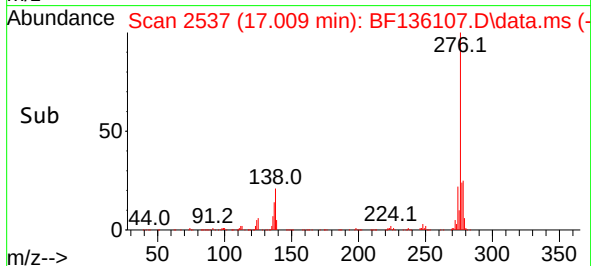
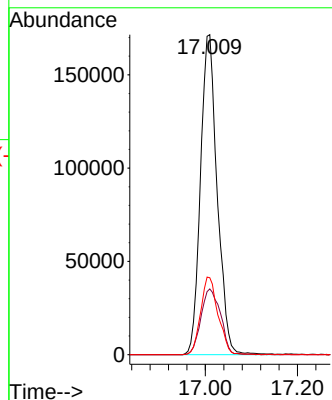
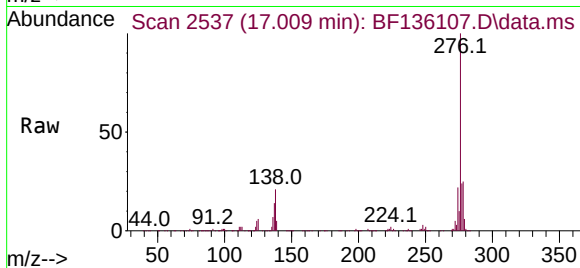
Tgt Ion:276 Resp: 434122

Ion Ratio Lower Upper

276 100

138 24.0 20.4 30.6

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 53.990 ng

RT: 15.063 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

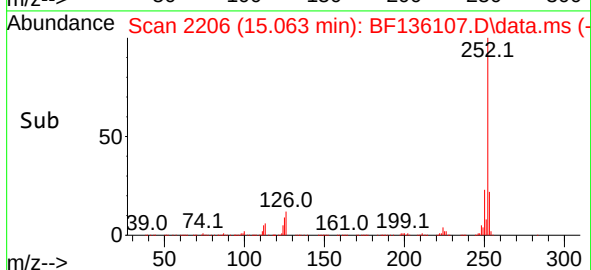
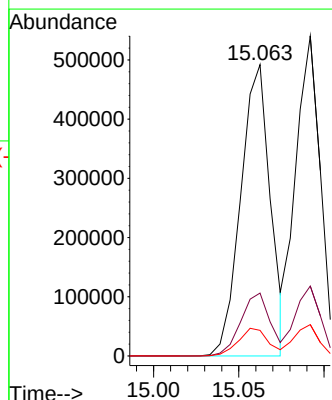
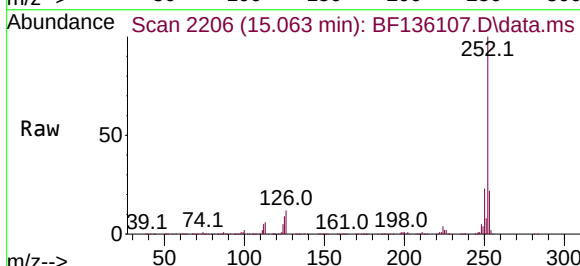
Tgt Ion:252 Resp: 594323

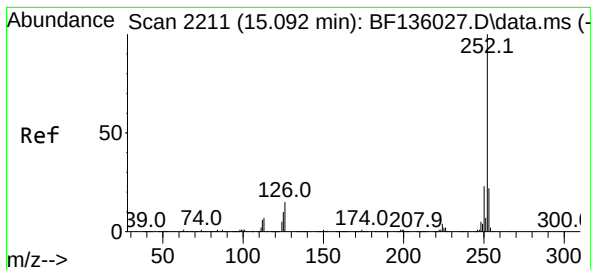
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 8.8 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 50.211 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

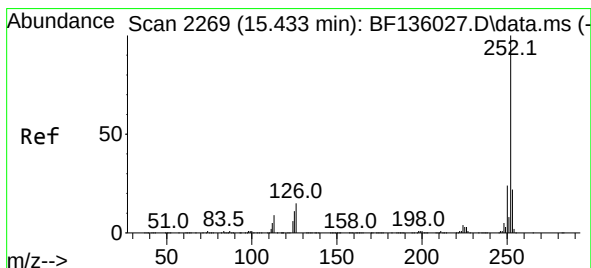
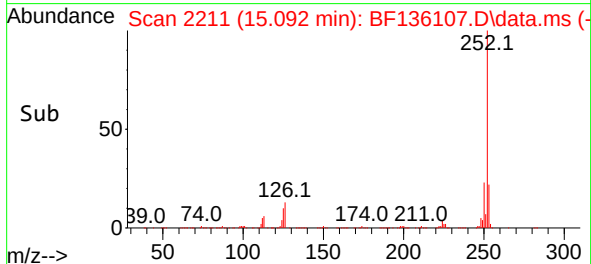
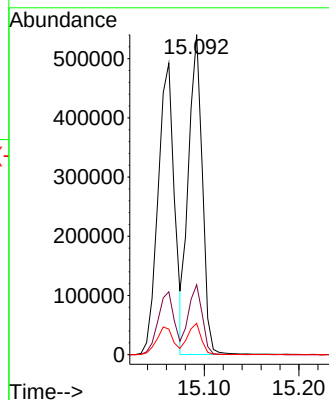
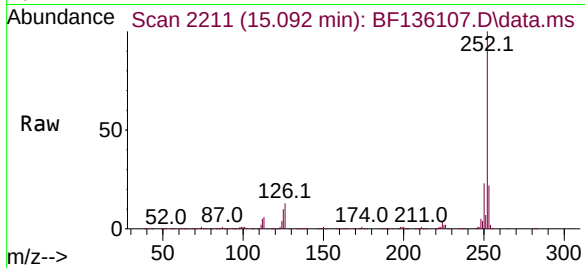
Tgt Ion:252 Resp: 546887

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.8 8.0 12.0



#90

Benzo(a)pyrene

Concen: 46.368 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF136107.D

Acq: 02 Nov 2023 21:05

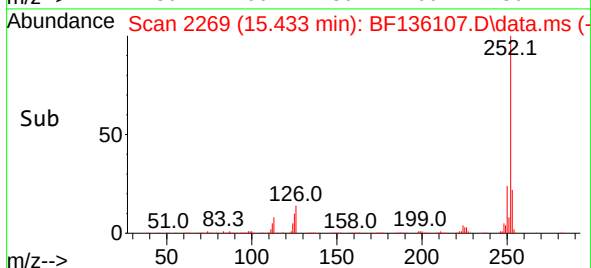
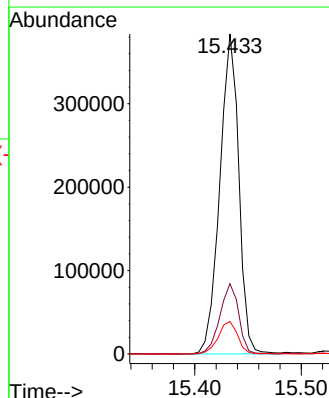
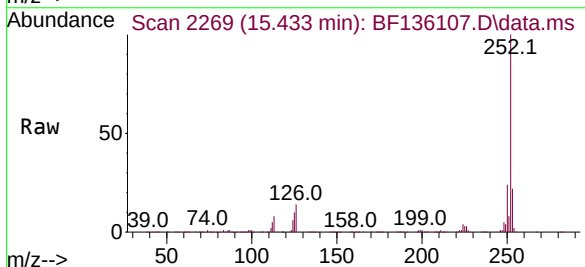
Tgt Ion:252 Resp: 474256

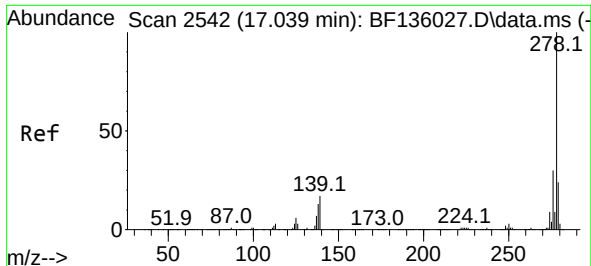
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.1 9.0 13.6

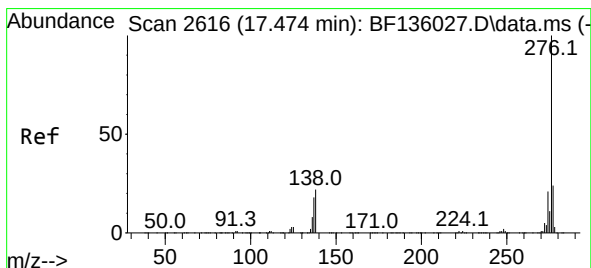
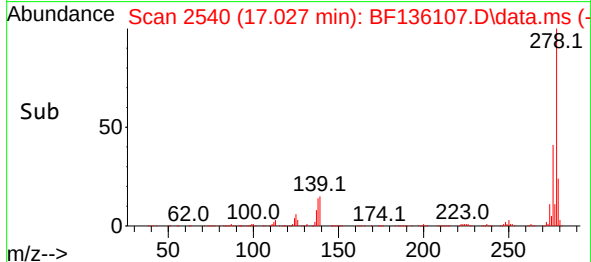
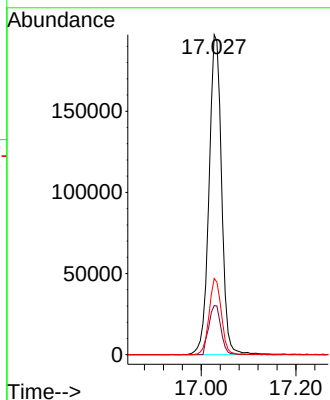
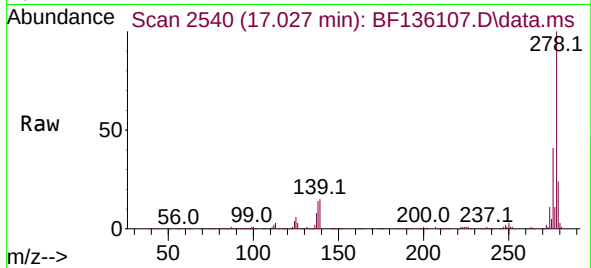




#91
Dibenzo(a,h)anthracene
Concen: 36.451 ng
RT: 17.027 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 363032
Ion Ratio Lower Upper
278 100
139 15.4 13.7 20.5
279 23.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 31.018 ng
RT: 17.462 min Scan# 2614
Delta R.T. -0.012 min
Lab File: BF136107.D
Acq: 02 Nov 2023 21:05

Tgt Ion:276 Resp: 339355
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 20.3 17.4 26.2

