

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136324.D
 Acq On : 30 Nov 2023 20:45
 Operator : CG\JU
 Sample : 05562-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 00:13:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	113996	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	420792	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	163883	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	262536	20.000	ng	0.00
76) Chrysene-d12	13.992	240	235322	20.000	ng	0.00
86) Perylene-d12	15.468	264	168969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	802616	97.997	ng	0.01
7) Phenol-d6	6.446	99	950962	92.860	ng	0.00
23) Nitrobenzene-d5	7.369	82	585302	73.503	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	189758	94.708	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1024328	79.836	ng	0.00
79) Terphenyl-d14	12.933	244	1035165	50.741	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	133341	43.027	ng	97
3) Pyridine	3.410	79	311425	40.710	ng	96
4) n-Nitrosodimethylamine	3.375	42	156844	40.560	ng	92
6) Aniline	6.475	93	131658	13.602	ng	96
8) 2-Chlorophenol	6.593	128	383342	42.986	ng	94
9) Benzaldehyde	6.363	77	174046	30.493	ng	93
10) Phenol	6.463	94	444516	40.460	ng	92
11) bis(2-Chloroethyl)ether	6.546	93	352411	43.724	ng	98
12) 1,3-Dichlorobenzene	6.751	146	423491	41.845	ng	98
13) 1,4-Dichlorobenzene	6.828	146	428981	41.696	ng	97
14) 1,2-Dichlorobenzene	6.975	146	400728	41.143	ng	97
15) Benzyl Alcohol	6.951	79	300410	41.840	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	468732	41.869	ng	97
17) 2-Methylphenol	7.063	107	288660	41.172	ng	98
18) Hexachloroethane	7.316	117	146568	40.615	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	250330	40.871	ng	96
20) 3+4-Methylphenols	7.216	107	352168	38.649	ng	# 86
22) Acetophenone	7.216	105	534498	48.365	ng	# 92
24) Nitrobenzene	7.387	77	363114	44.998	ng	97
25) Isophorone	7.628	82	657827	45.815	ng	97
26) 2-Nitrophenol	7.704	139	181725	52.854	ng	94
27) 2,4-Dimethylphenol	7.740	122	255211	56.394	ng	96
28) bis(2-Chloroethoxy)met...	7.840	93	413913	47.658	ng	97
29) 2,4-Dichlorophenol	7.945	162	275523	45.138	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	329164	44.045	ng	99
31) Naphthalene	8.110	128	1042144	44.062	ng	98
32) Benzoic acid	7.857	122	131388	31.856	ng	99
33) 4-Chloroaniline	8.157	127	31695	3.942	ng	94
34) Hexachlorobutadiene	8.222	225	190260	43.516	ng	99
35) Caprolactam	8.528	113	75018	43.963	ng	95
36) 4-Chloro-3-methylphenol	8.645	107	255462	38.588	ng	92
37) 2-Methylnaphthalene	8.798	142	602988	40.642	ng	98
38) 1-Methylnaphthalene	8.898	142	571714	39.501	ng	95
40) 1,2,4,5-Tetrachloroben...	8.963	216	286622	54.955	ng	99
41) Hexachlorocyclopentadiene	8.951	237	135457	67.496	ng	96
43) 2,4,6-Trichlorophenol	9.075	196	165258	48.817	ng	93

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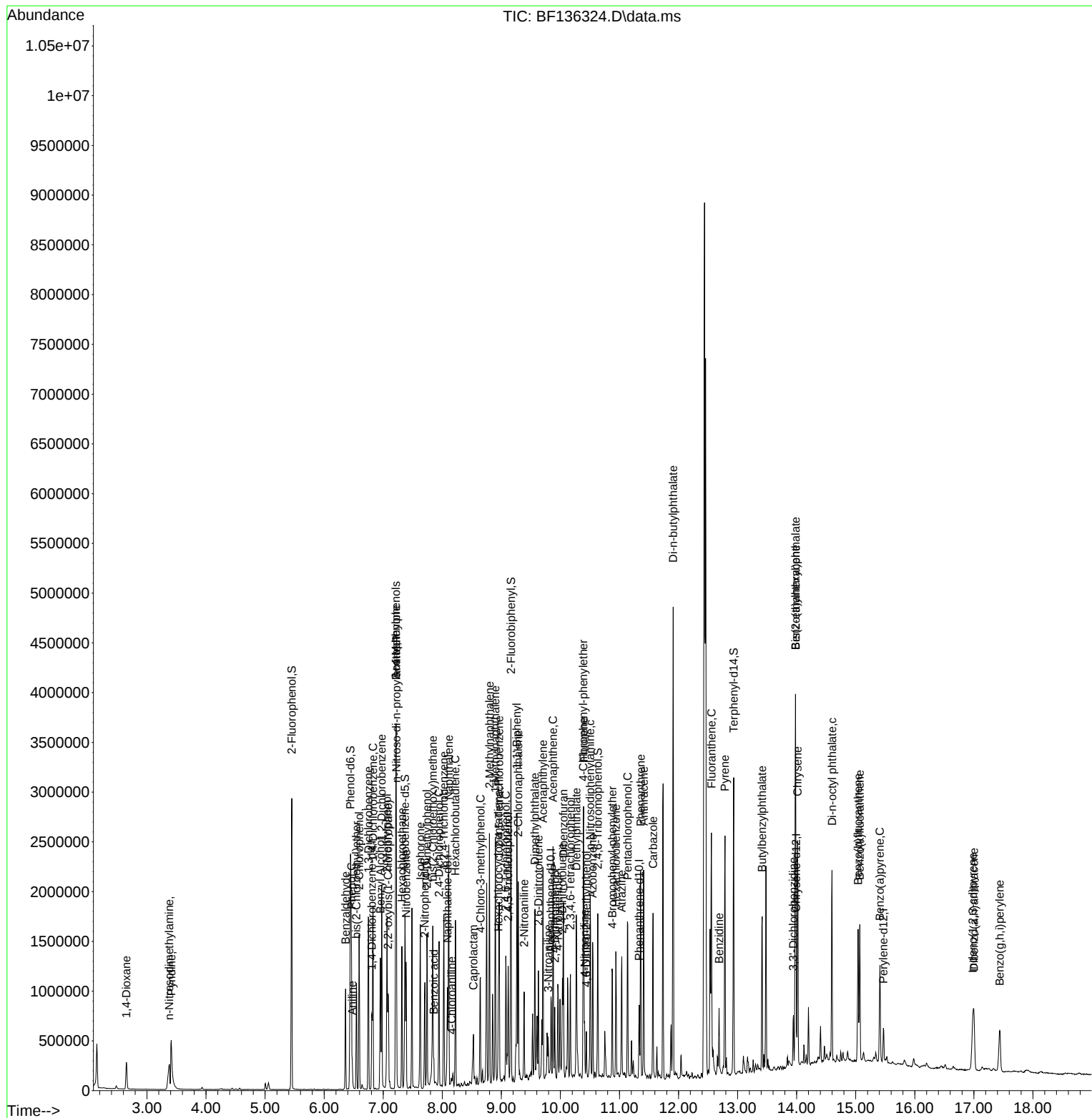
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	168583	45.633	ng	96
46) 1,1'-Biphenyl	9.263	154	763141	52.805	ng	97
47) 2-Chloronaphthalene	9.287	162	541915	48.285	ng	98
48) 2-Nitroaniline	9.387	65	138955	47.422	ng	# 84
49) Acenaphthylene	9.704	152	801835	50.064	ng	99
50) Dimethylphthalate	9.569	163	606504	48.965	ng	99
51) 2,6-Dinitrotoluene	9.628	165	120269	47.528	ng	99
52) Acenaphthene	9.875	154	460062	45.454	ng	97
53) 3-Nitroaniline	9.792	138	59034	23.512	ng	99
54) 2,4-Dinitrophenol	9.904	184	76470	64.976	ng	94
55) Dibenzofuran	10.051	168	660187	43.834	ng	97
56) 4-Nitrophenol	9.963	139	169441	88.853	ng	# 83
57) 2,4-Dinitrotoluene	10.034	165	144847	42.852	ng	96
58) Fluorene	10.392	166	502066	42.498	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.169	232	126629	43.080	ng	99
60) Diethylphthalate	10.269	149	542824	43.810	ng	98
61) 4-Chlorophenyl-phenyle...	10.386	204	245822	42.847	ng	95
62) 4-Nitroaniline	10.410	138	90625	36.874	ng	95
63) Azobenzene	10.545	77	465650	40.537	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	53389	37.187	ng	98
66) n-Nitrosodiphenylamine	10.504	169	427598	50.824	ng	97
67) 4-Bromophenyl-phenylether	10.881	248	143525	46.859	ng	91
68) Hexachlorobenzene	10.939	284	159567	45.013	ng	# 88
69) Atrazine	11.039	200	148394	59.458	ng	99
70) Pentachlorophenol	11.139	266	191662	95.650	ng	95
71) Phenanthrene	11.357	178	756085	51.240	ng	98
72) Anthracene	11.410	178	744780	50.332	ng	99
73) Carbazole	11.569	167	637276	50.637	ng	99
74) Di-n-butylphthalate	11.910	149	2488045	158.003	ng	99
75) Fluoranthene	12.557	202	946528	63.188	ng	97
77) Benzidine	12.686	184	227947	58.927	ng	98
78) Pyrene	12.786	202	985320	38.232	ng	98
80) Butylbenzylphthalate	13.416	149	361198	45.033	ng	# 91
81) Benzo(a)anthracene	13.980	228	855003	48.916	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	101533	24.132	ng	94
83) Chrysene	14.016	228	819523	48.560	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	515643	53.568	ng	# 98
85) Di-n-octyl phthalate	14.598	149	961900	60.072	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	466502	37.553	ng	100
88) Benzo(b)fluoranthene	15.039	252	640806	54.055	ng	98
89) Benzo(k)fluoranthene	15.069	252	586292	52.073	ng	99
90) Benzo(a)pyrene	15.410	252	484110	49.955	ng	97
91) Dibenzo(a,h)anthracene	17.004	278	374739	37.591	ng	100
92) Benzo(g,h,i)perylene	17.439	276	366718	36.525	ng	100

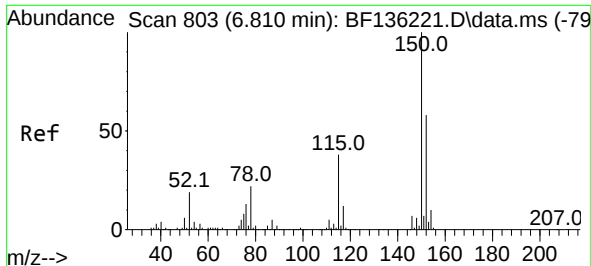
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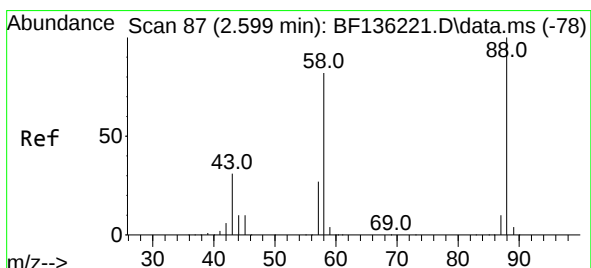
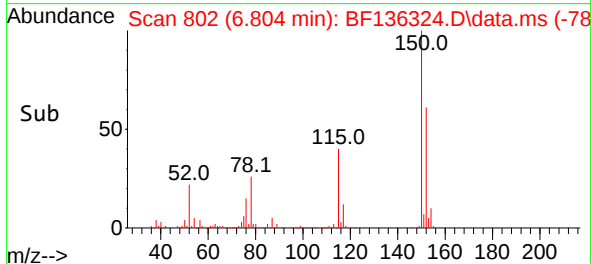
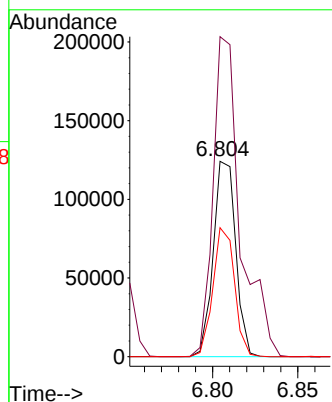
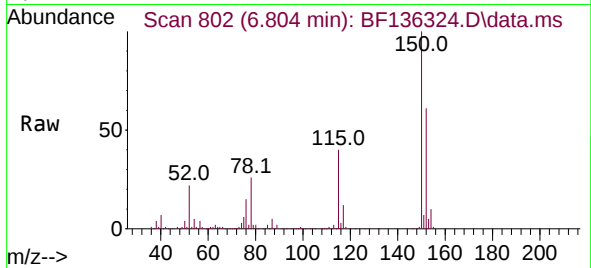




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136324.D
 Acq: 30 Nov 2023 20:45

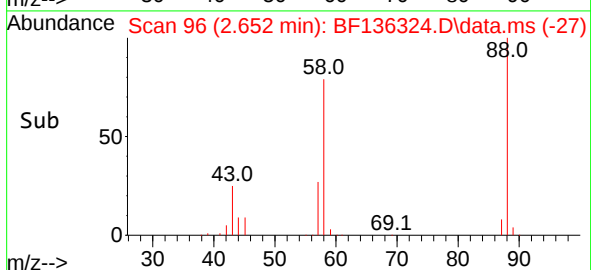
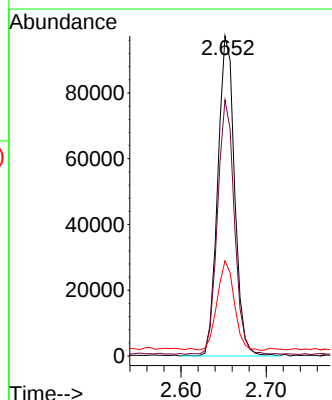
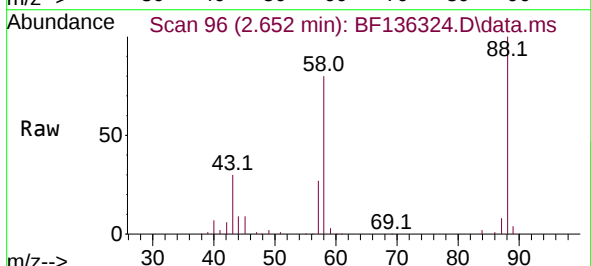
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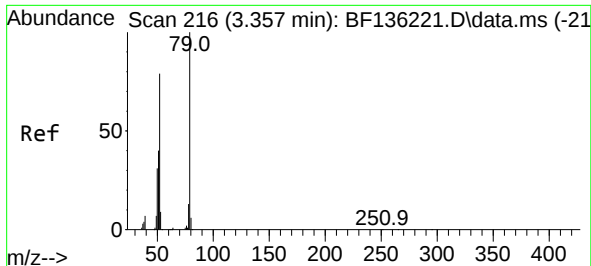
Tgt Ion:152 Resp: 113996
 Ion Ratio Lower Upper
 152 100
 150 163.8 137.8 206.8
 115 66.0 52.7 79.1



#2
 1,4-Dioxane
 Concen: 43.027 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.053 min
 Lab File: BF136324.D
 Acq: 30 Nov 2023 20:45

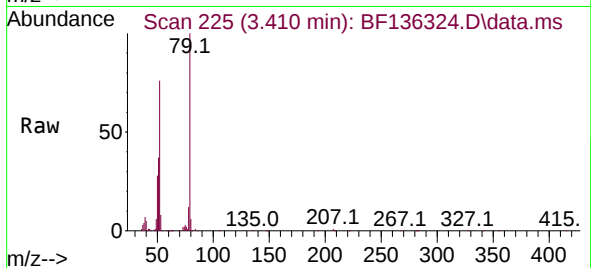
Tgt Ion: 88 Resp: 133341
 Ion Ratio Lower Upper
 88 100
 58 79.9 65.9 98.9
 43 28.5 24.8 37.2



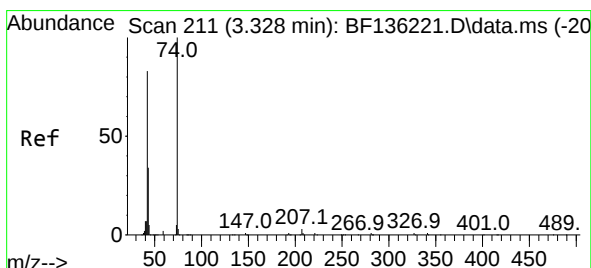
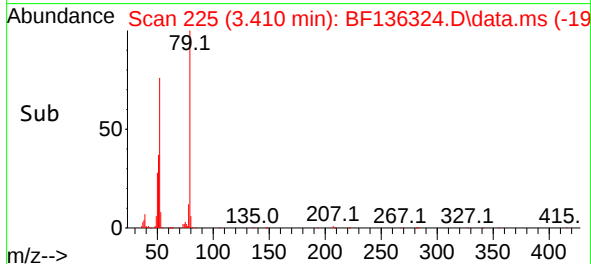
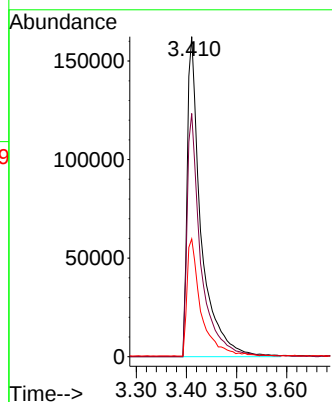


#3
 Pyridine
 Concen: 40.710 ng
 RT: 3.410 min Scan# 216
 Delta R.T. 0.053 min
 Lab File: BF136324.D
 Acq: 30 Nov 2023 20:45

Instrument :
 BNA_F
 ClientSampleId :

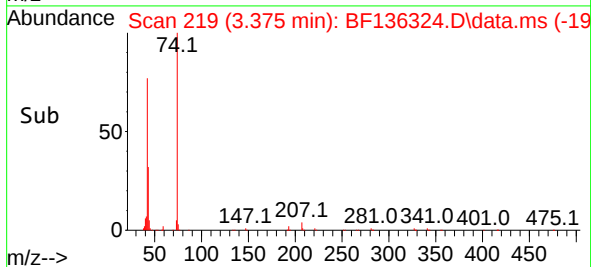
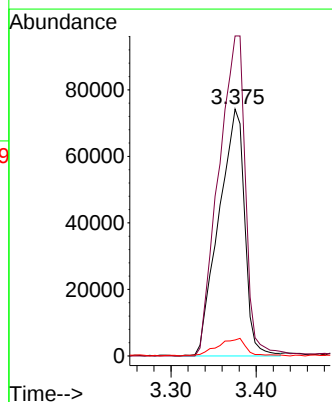
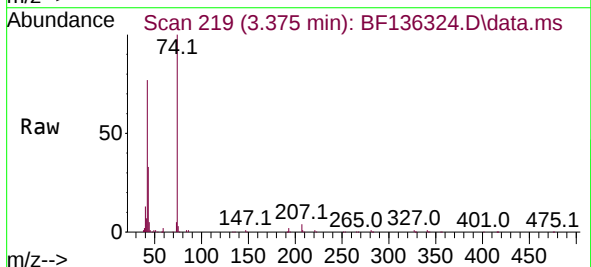


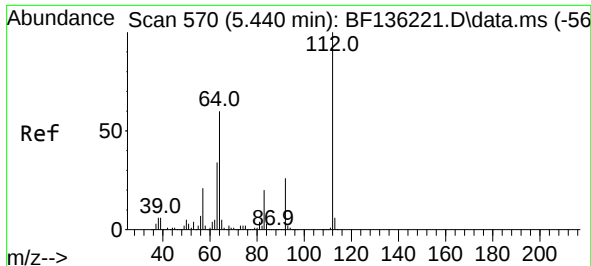
Tgt Ion: 79 Resp: 311425
 Ion Ratio Lower Upper
 79 100
 52 76.0 63.2 94.8
 51 36.8 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 40.560 ng
 RT: 3.375 min Scan# 219
 Delta R.T. 0.047 min
 Lab File: BF136324.D
 Acq: 30 Nov 2023 20:45

Tgt Ion: 42 Resp: 156844
 Ion Ratio Lower Upper
 42 100
 74 129.6 96.6 144.8
 44 6.5 5.4 8.2

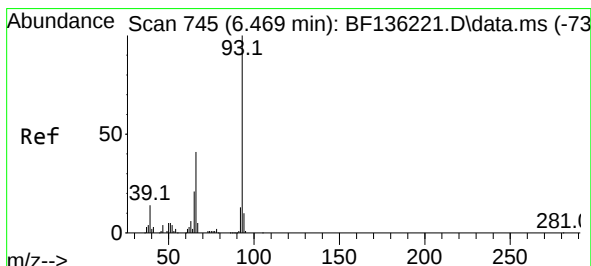
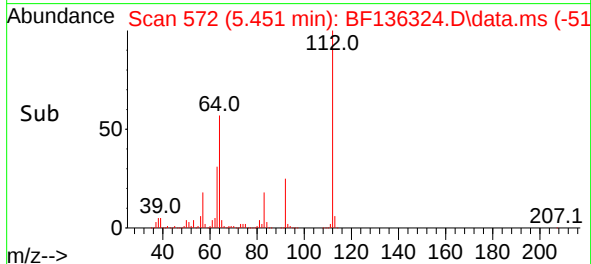
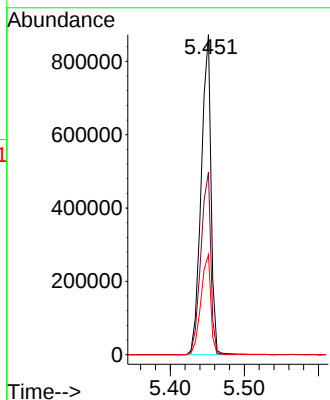
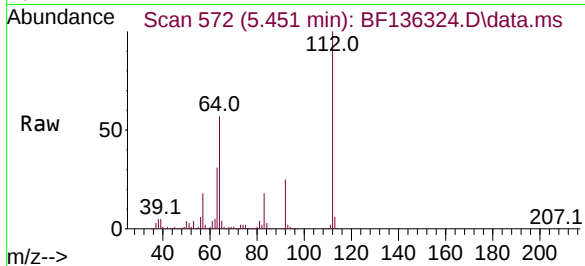




#5
2-Fluorophenol
Concen: 97.997 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

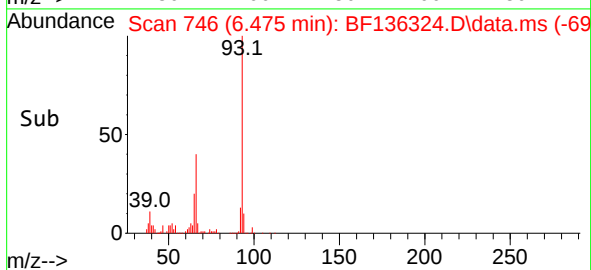
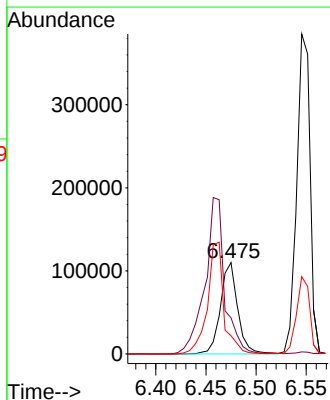
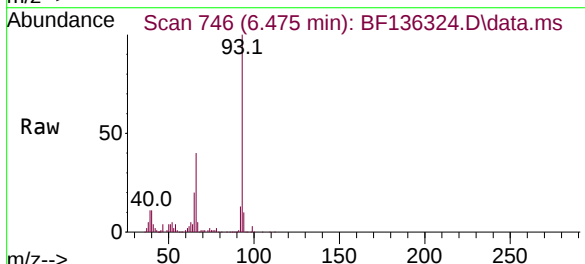
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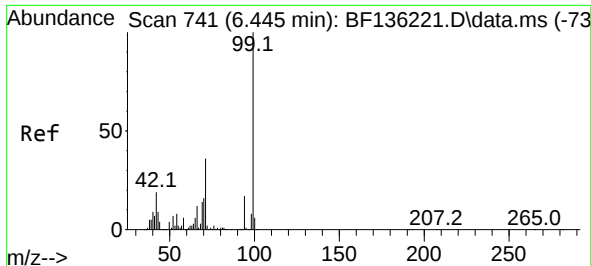
Tgt Ion:112 Resp: 802616
Ion Ratio Lower Upper
112 100
64 57.0 48.2 72.4
63 31.3 27.0 40.6



#6
Aniline
Concen: 13.602 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion: 93 Resp: 131658
Ion Ratio Lower Upper
93 100
66 39.7 34.1 51.1
65 20.0 17.3 25.9

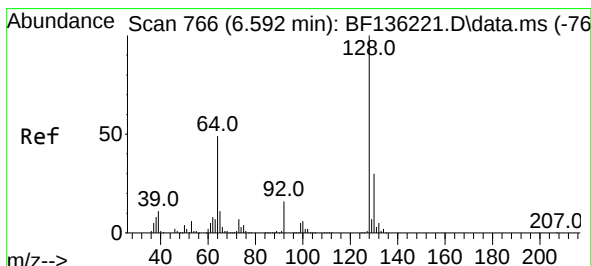
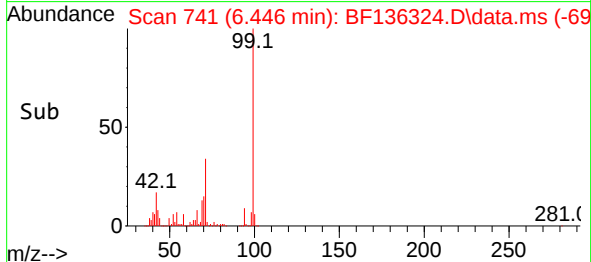
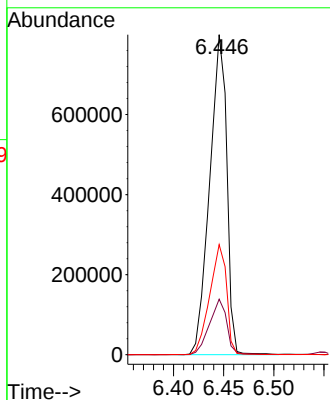
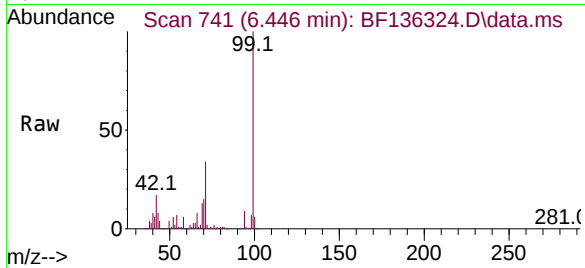




#7
Phenol-d6
Concen: 92.860 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

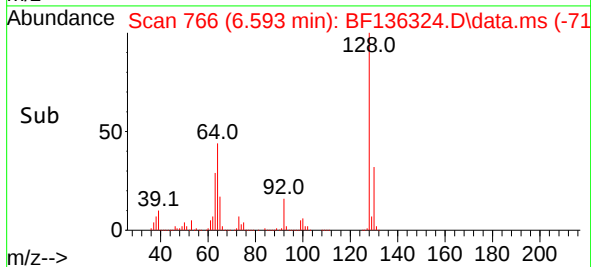
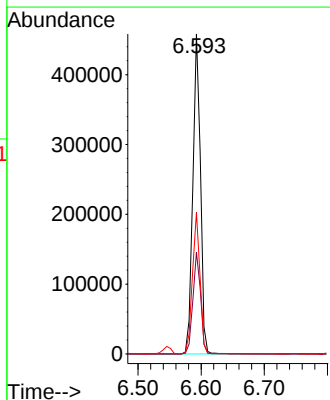
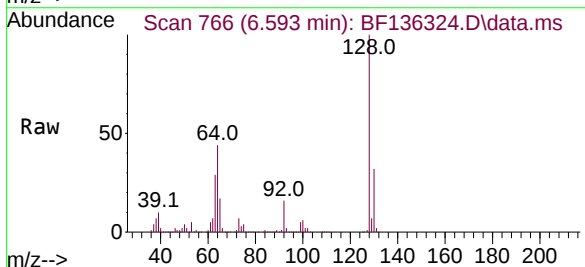
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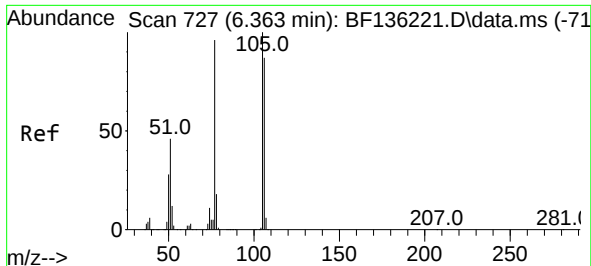
Tgt Ion: 99 Resp: 950962
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.6
71 34.4 28.9 43.3



#8
2-Chlorophenol
Concen: 42.986 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:128 Resp: 383342
Ion Ratio Lower Upper
128 100
130 31.8 10.3 50.3
64 44.3 30.0 70.0

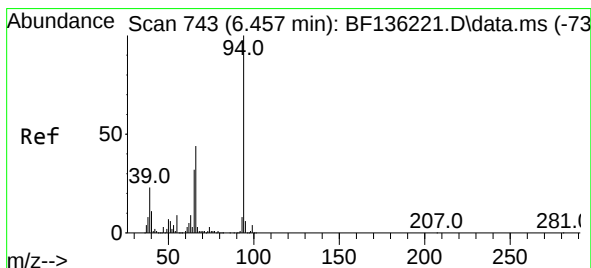
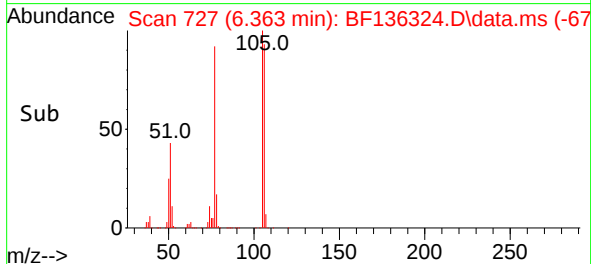
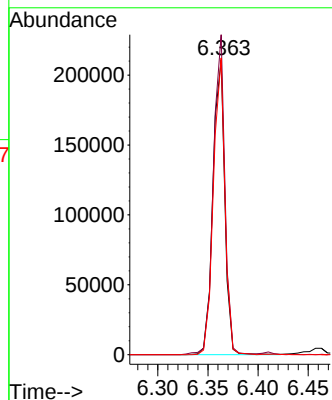
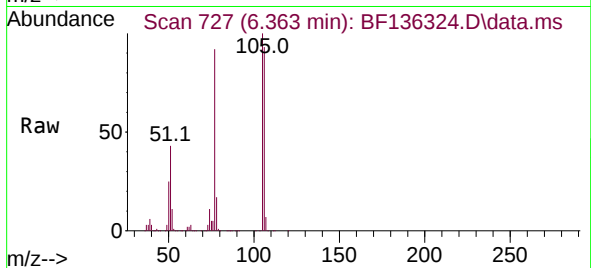




#9
Benzaldehyde
Concen: 30.493 ng
RT: 6.363 min Scan# 71
Delta R.T. 0.000 min
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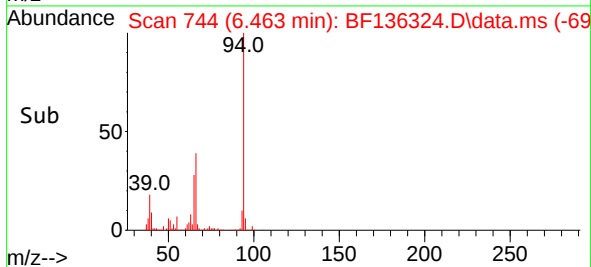
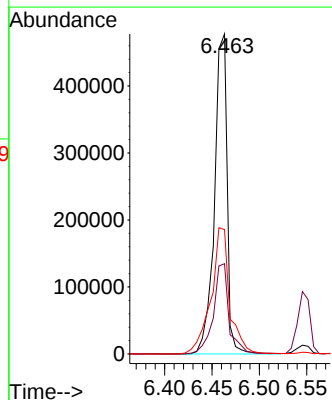
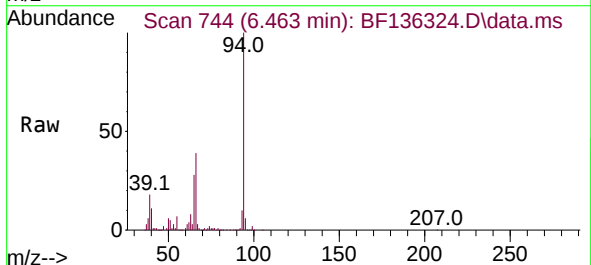
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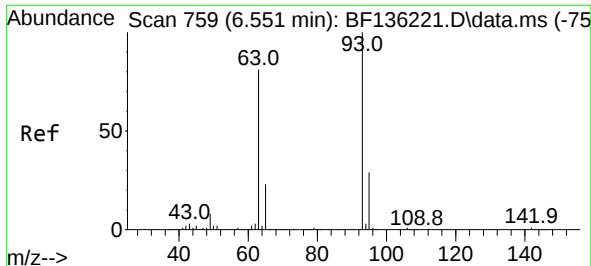
Tgt Ion: 77 Resp: 174046
Ion Ratio Lower Upper
77 100
105 108.5 84.3 124.3
106 100.7 71.0 111.0



#10
Phenol
Concen: 40.460 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion: 94 Resp: 444516
Ion Ratio Lower Upper
94 100
65 28.2 12.5 52.5
66 38.9 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 43.724 ng

RT: 6.546 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

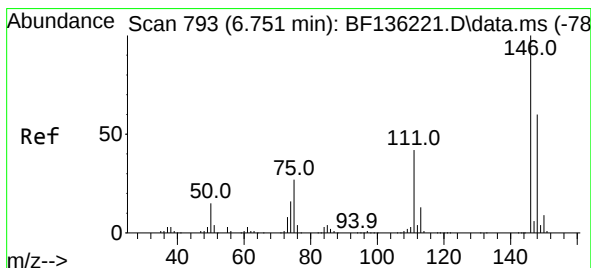
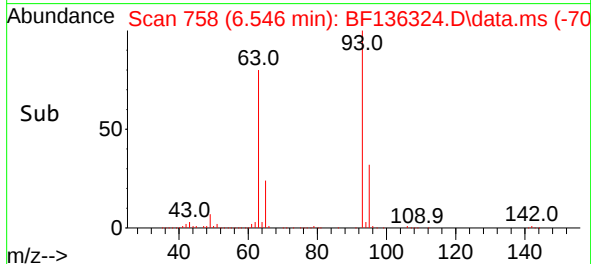
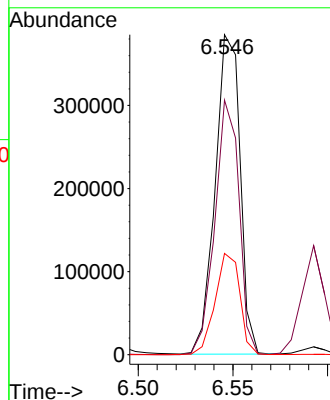
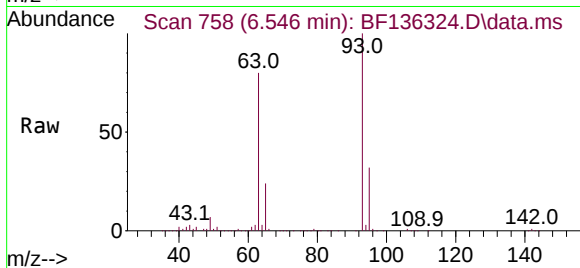
Tgt Ion: 93 Resp: 352411

Ion Ratio Lower Upper

93 100

63 79.5 60.2 100.2

95 31.7 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 41.845 ng

RT: 6.751 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

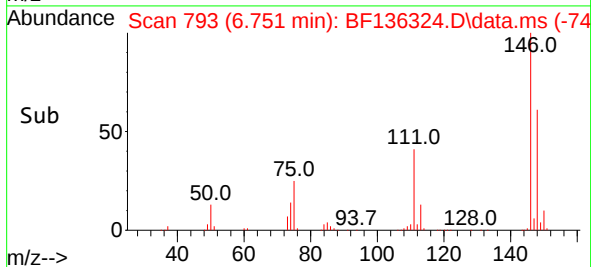
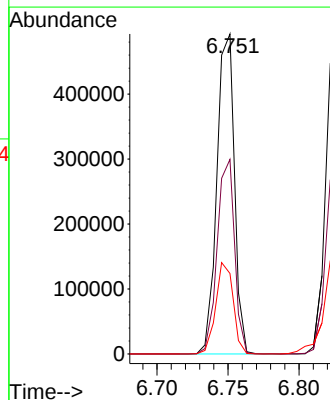
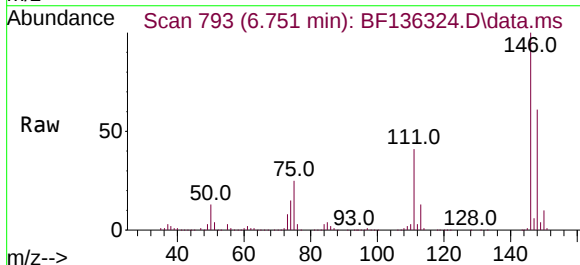
Tgt Ion:146 Resp: 423491

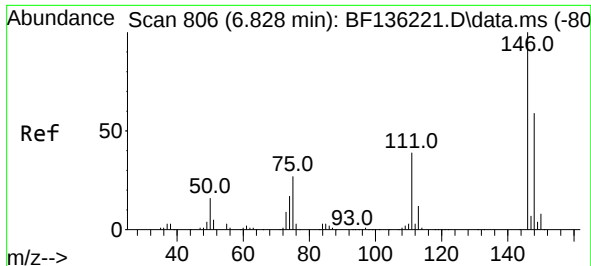
Ion Ratio Lower Upper

146 100

148 60.8 47.8 71.6

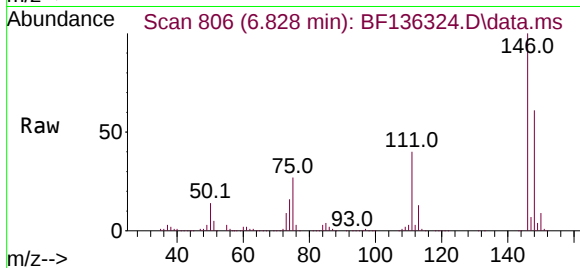
75 25.1 22.0 33.0



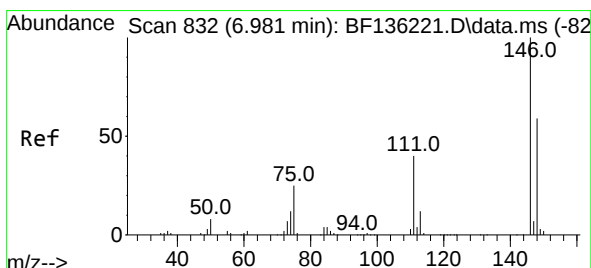
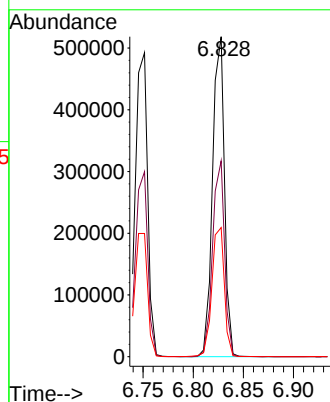
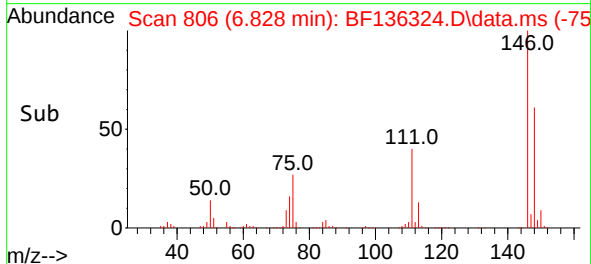


#13
1,4-Dichlorobenzene
Concen: 41.696 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

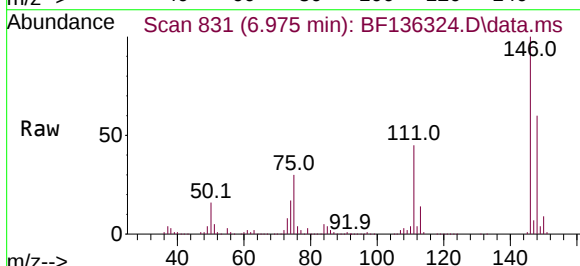
Instrument :
BNA_F
ClientSampleId :



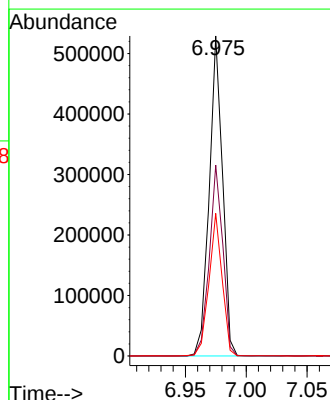
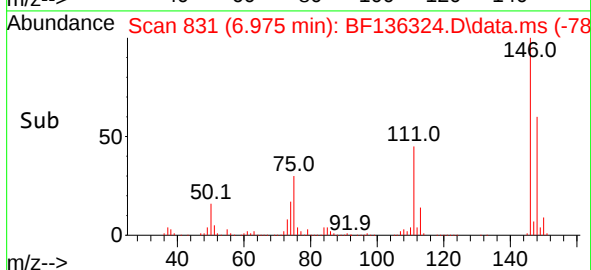
Tgt Ion:146 Resp: 428981
Ion Ratio Lower Upper
146 100
148 61.2 47.0 70.6
111 40.3 31.5 47.3

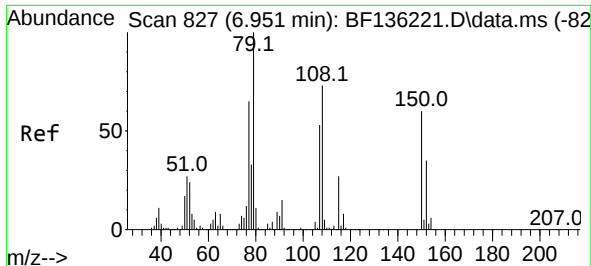


#14
1,2-Dichlorobenzene
Concen: 41.143 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



Tgt Ion:146 Resp: 400728
Ion Ratio Lower Upper
146 100
148 59.6 47.3 70.9
111 44.5 32.4 48.6

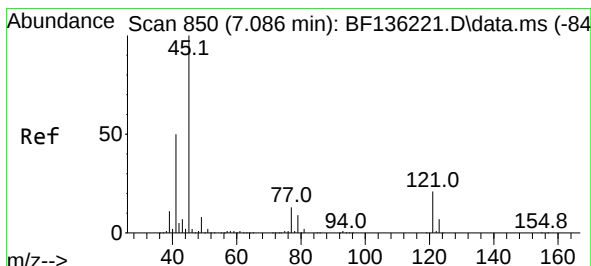
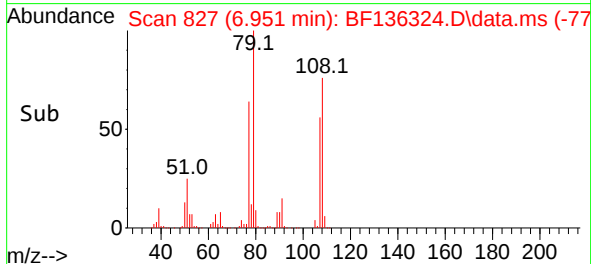
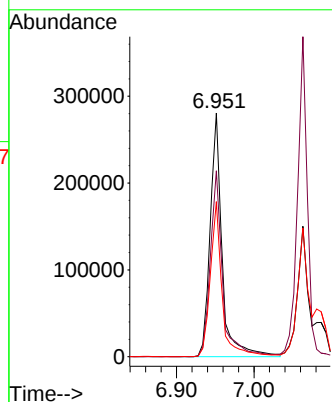
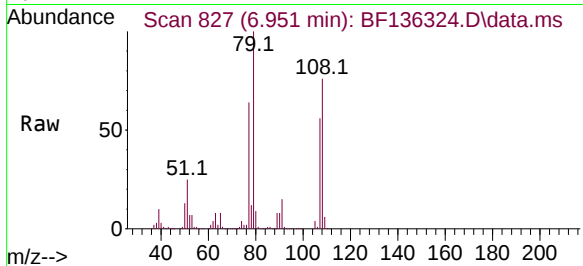




#15
Benzyl Alcohol
Concen: 41.840 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

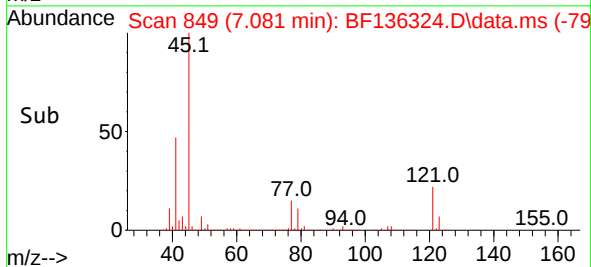
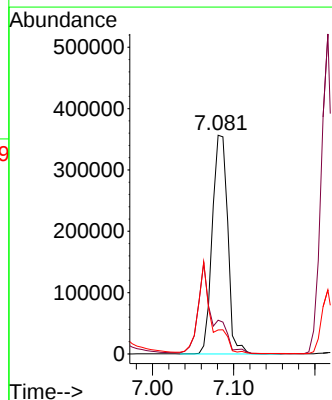
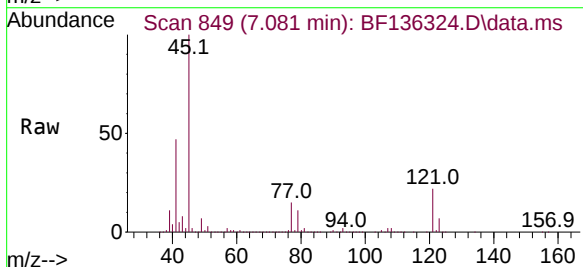
Instrument :
BNA_F
ClientSampleId :

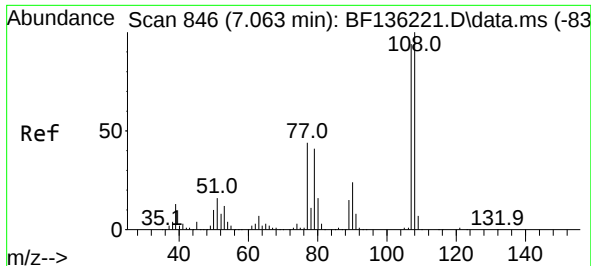
Tgt Ion: 79 Resp: 300410
Ion Ratio Lower Upper
79 100
108 76.3 58.1 87.1
77 63.7 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.869 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

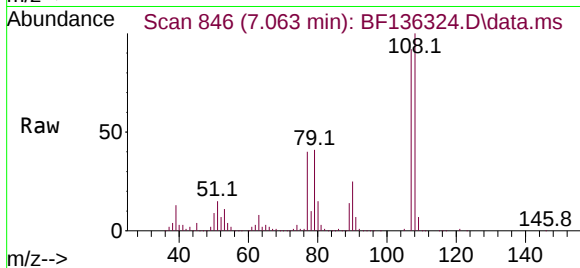
Tgt Ion: 45 Resp: 468732
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.0
79 11.0 0.0 30.1



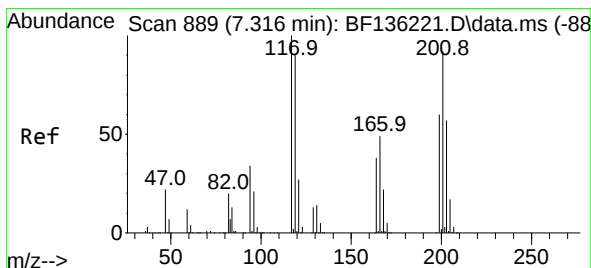
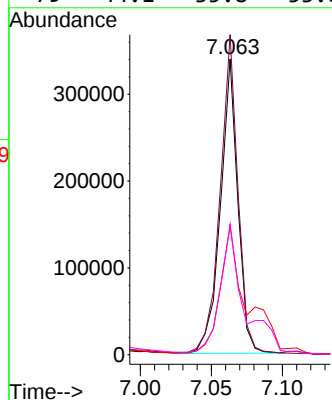
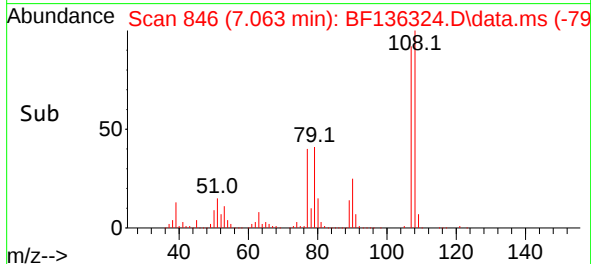


#17
2-Methylphenol
Concen: 41.172 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :
BNA_F
ClientSampleId :

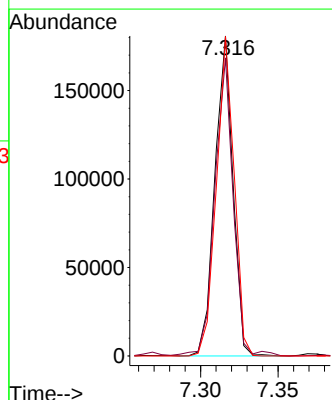
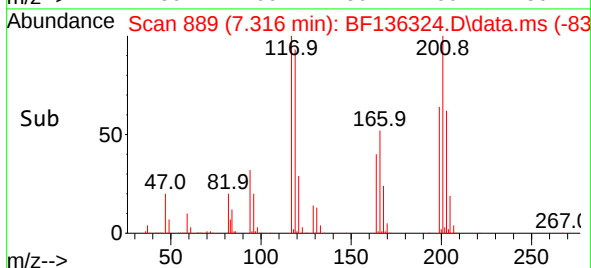
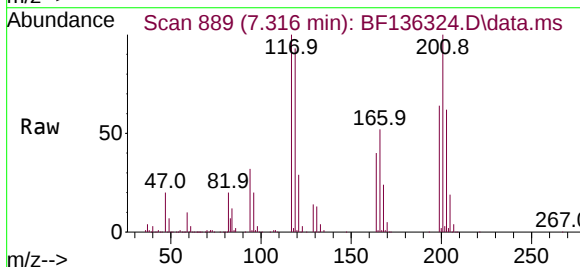


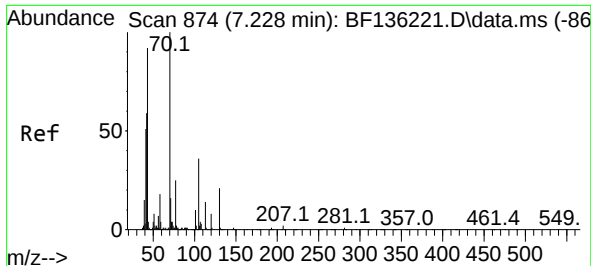
Tgt Ion:	107	Resp:	288660
Ion	Ratio	Lower	Upper
107	100		
108	108.2	85.4	128.0
77	43.6	37.4	56.2
79	44.1	35.8	53.8



#18
Hexachloroethane
Concen: 40.615 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:	117	Resp:	146568
Ion	Ratio	Lower	Upper
117	100		
119	93.1	71.6	107.4
201	99.8	73.4	110.2



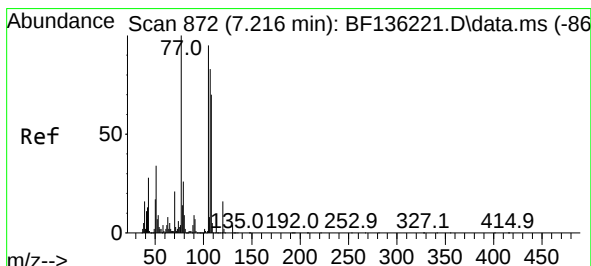
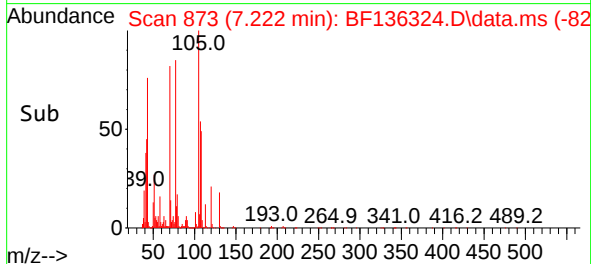
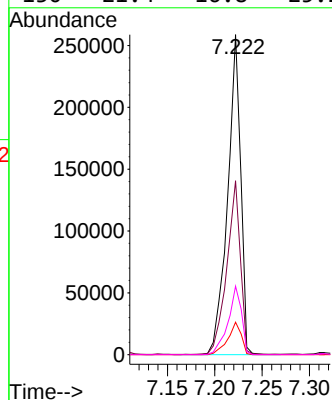
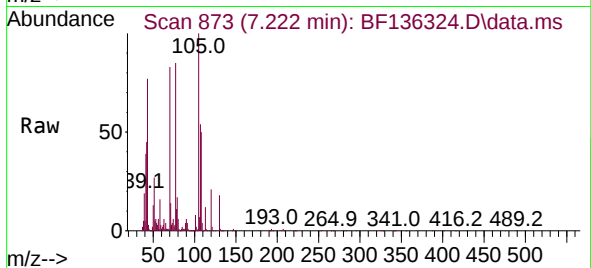


#19
n-Nitroso-di-n-propylamine
Concen: 40.871 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 250330

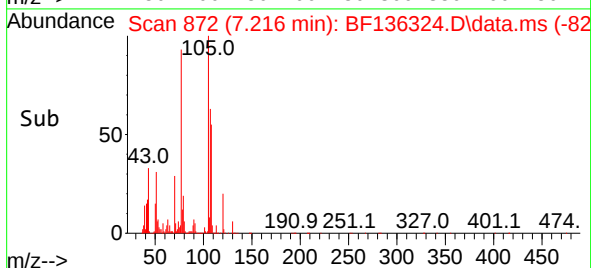
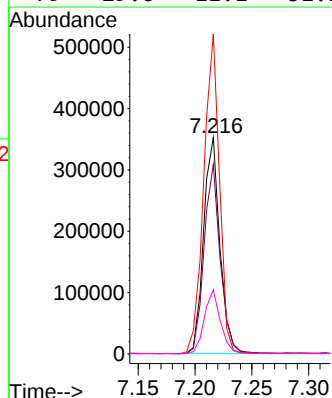
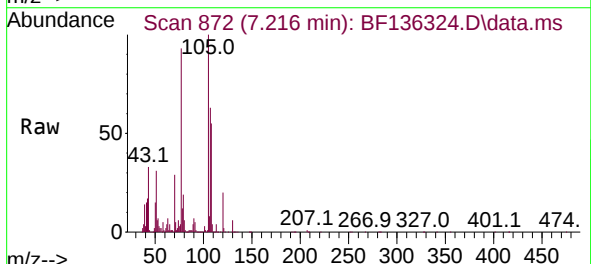
Ion	Ratio	Lower	Upper
70	100		
42	54.4	47.0	70.4
101	10.2	7.8	11.8
130	21.4	16.8	25.2

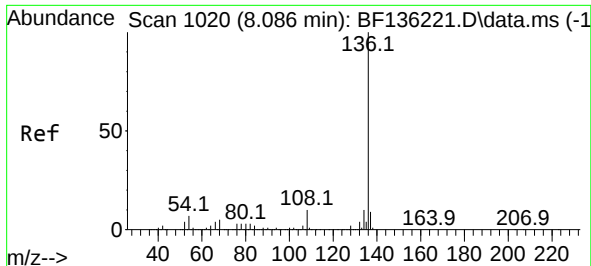


#20
3+4-Methylphenols
Concen: 38.649 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion: 107 Resp: 352168

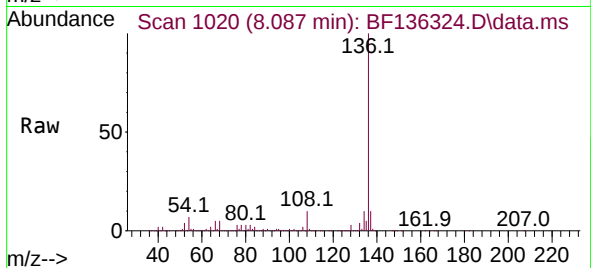
Ion	Ratio	Lower	Upper
107	100		
108	87.5	63.9	103.9
77	147.8	100.2	140.2#
79	29.6	11.1	51.1



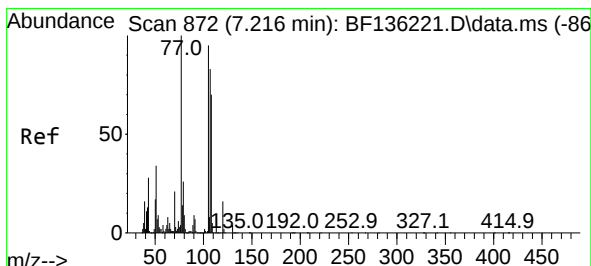
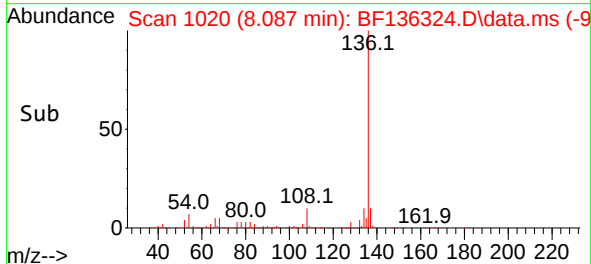
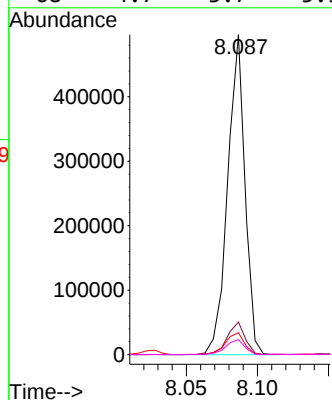


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :
BNA_F
ClientSampleId :

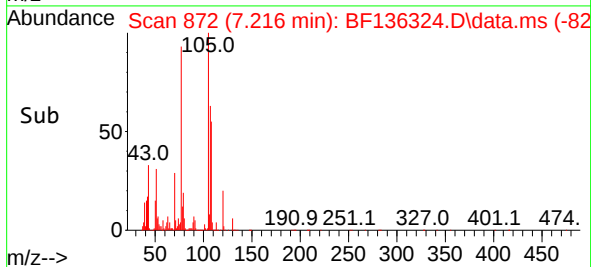
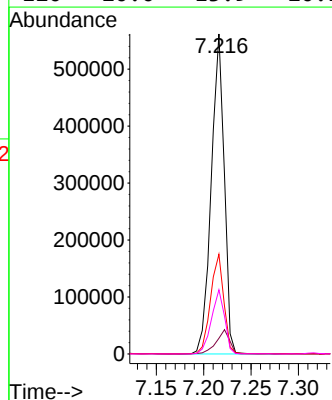
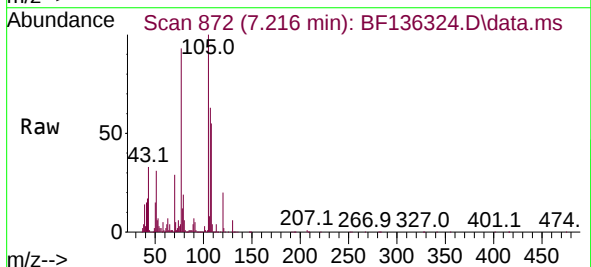


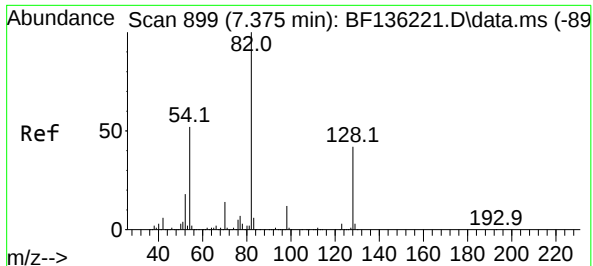
Tgt Ion:136 Resp: 420792
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.2
54 6.8 5.5 8.3
68 4.7 3.7 5.5



#22
Acetophenone
Concen: 48.365 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:105 Resp: 534498
Ion Ratio Lower Upper
105 100
71 4.9 2.8 4.2#
51 31.2 29.0 43.6
120 20.0 13.9 20.9





#23

Nitrobenzene-d5

Concen: 73.503 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

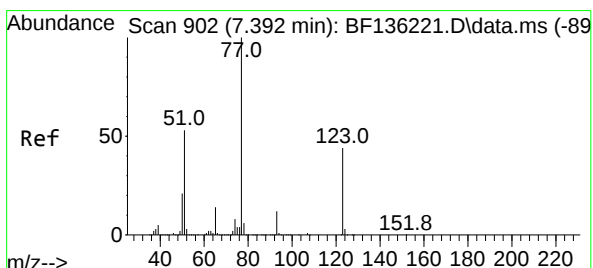
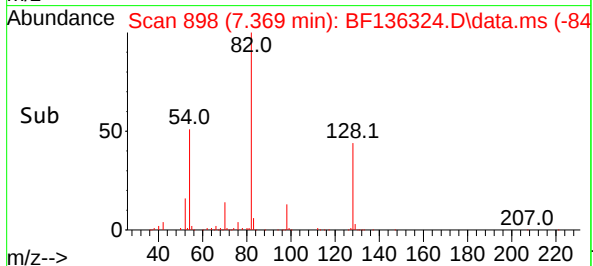
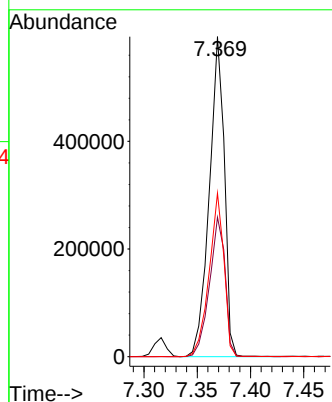
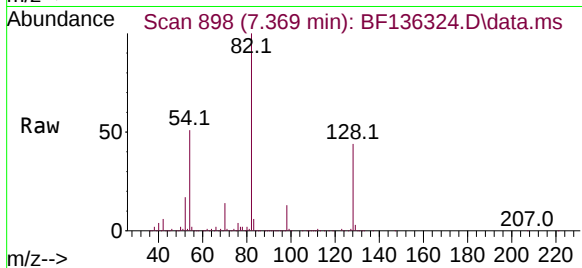
Tgt Ion: 82 Resp: 585302

Ion Ratio Lower Upper

82 100

128 43.6 33.4 50.2

54 51.1 41.7 62.5



#24

Nitrobenzene

Concen: 44.998 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

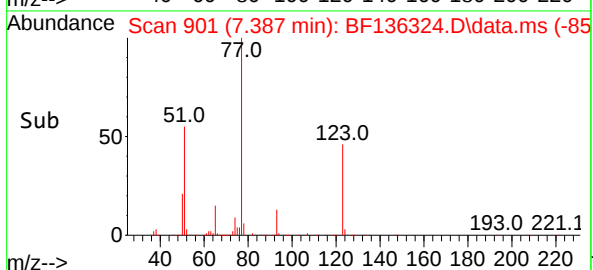
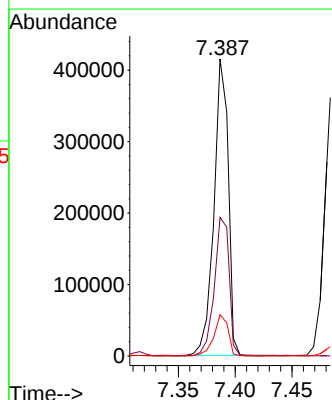
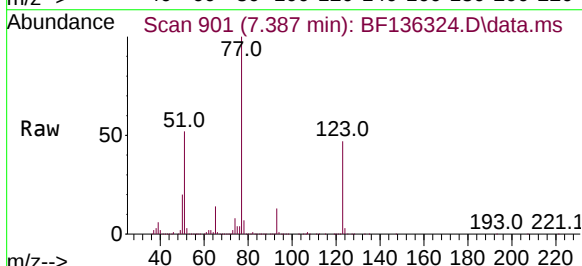
Tgt Ion: 77 Resp: 363114

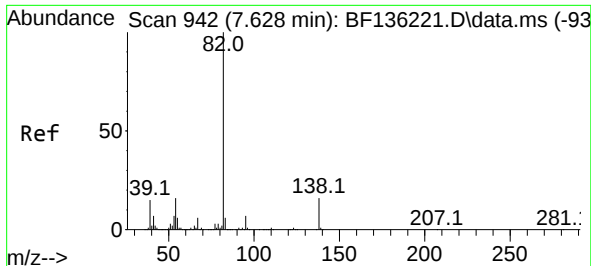
Ion Ratio Lower Upper

77 100

123 46.7 35.4 53.2

65 13.9 11.0 16.6

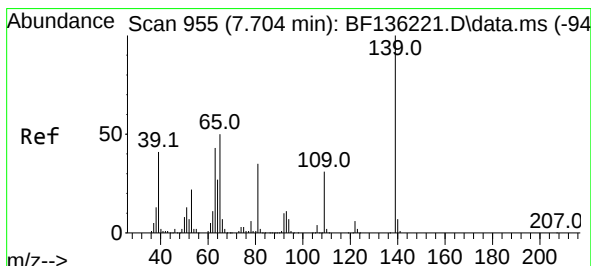
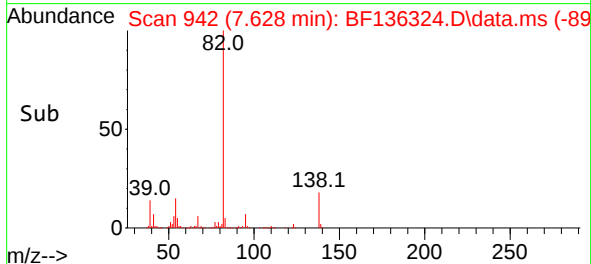
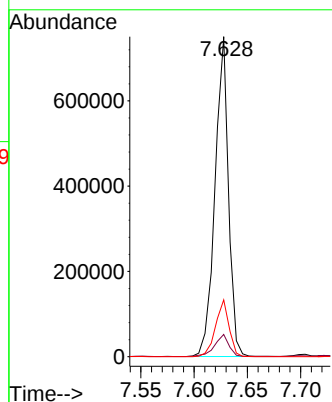
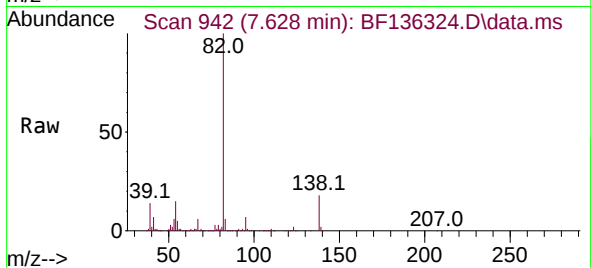




#25
Isophorone
Concen: 45.815 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

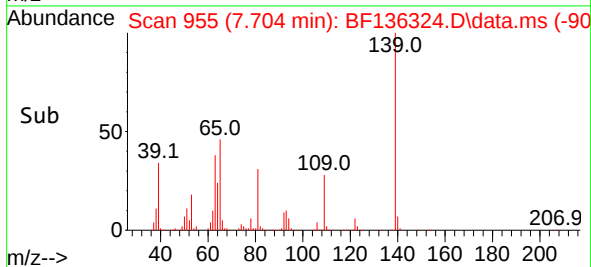
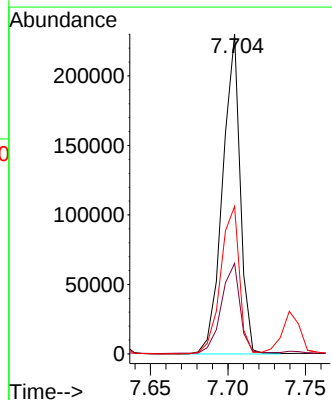
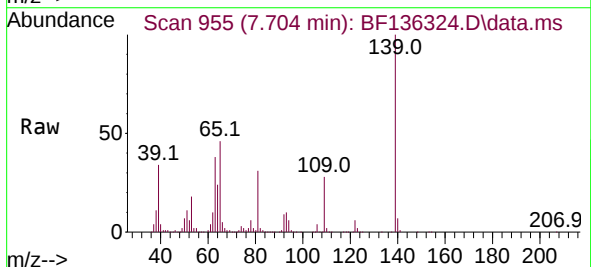
Instrument :
BNA_F
ClientSampleId :

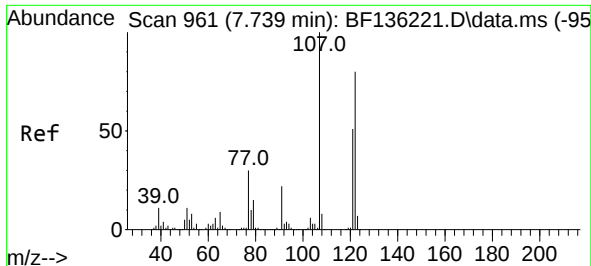
Tgt Ion: 82 Resp: 657827
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.7 12.8 19.2



#26
2-Nitrophenol
Concen: 52.854 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion: 139 Resp: 181725
Ion Ratio Lower Upper
139 100
109 28.3 25.0 37.6
65 46.1 40.4 60.6

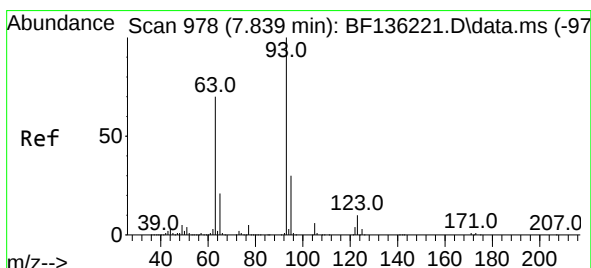
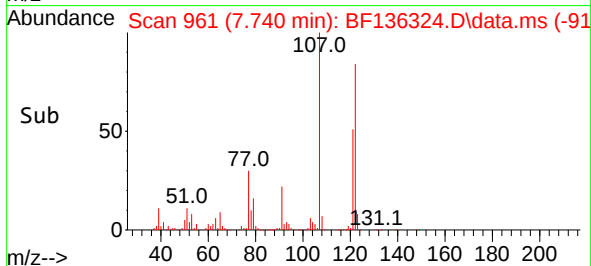
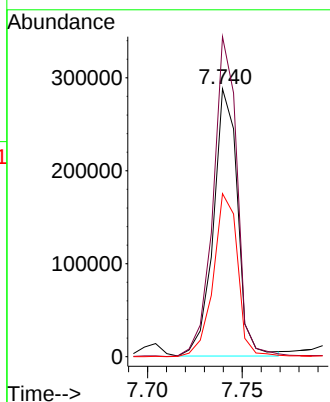
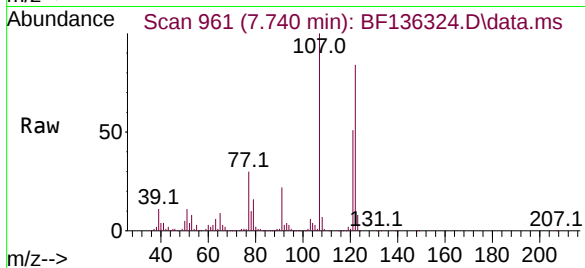




#27
2,4-Dimethylphenol
Concen: 56.394 ng
RT: 7.740 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

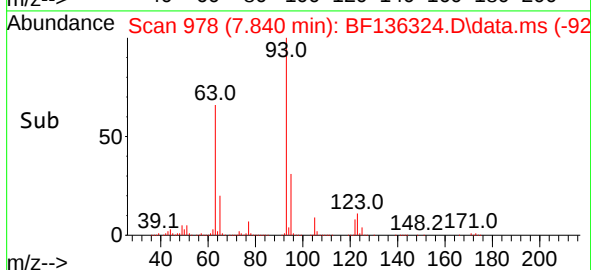
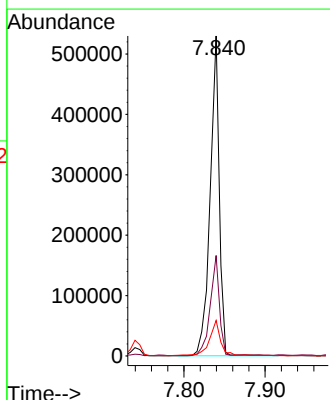
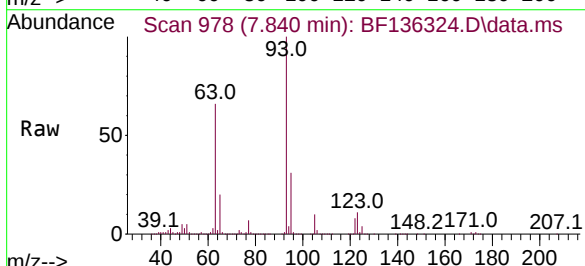
Instrument :
BNA_F
ClientSampleId :

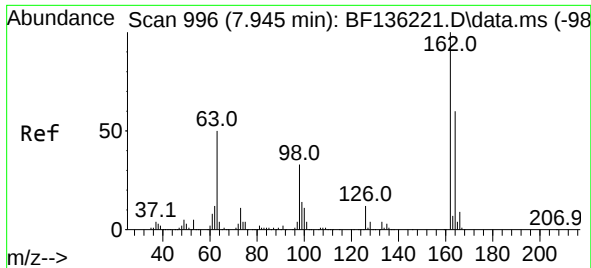
Tgt Ion:122 Resp: 255211
Ion Ratio Lower Upper
122 100
107 119.5 100.0 150.0
121 60.9 50.7 76.1



#28
bis(2-Chloroethoxy)methane
Concen: 47.658 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion: 93 Resp: 413913
Ion Ratio Lower Upper
93 100
95 31.4 23.8 35.6
123 11.1 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 45.138 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

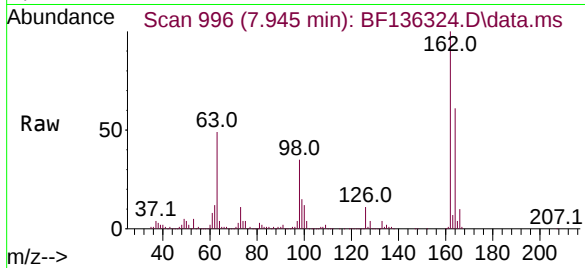
Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :



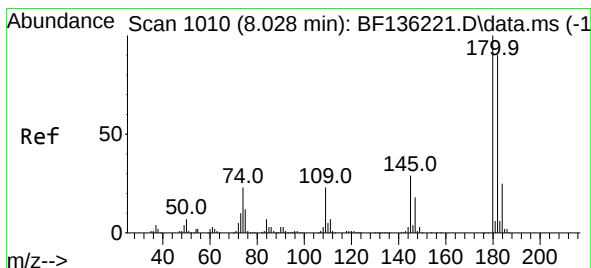
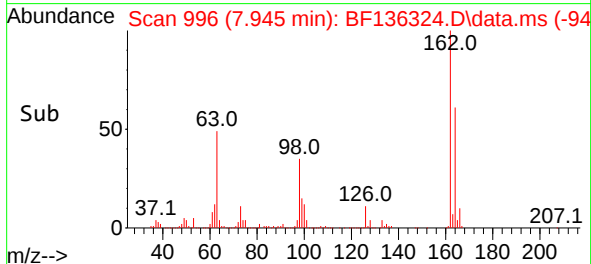
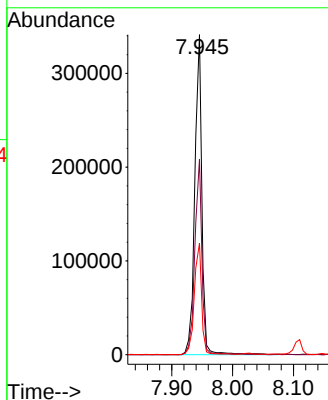
Tgt Ion:162 Resp: 275523

Ion Ratio Lower Upper

162 100

164 61.1 40.3 80.3

98 34.9 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 44.045 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

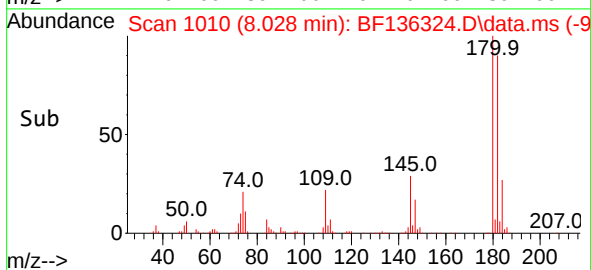
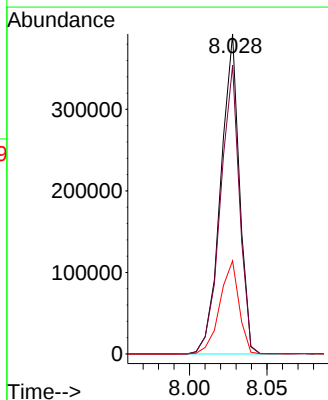
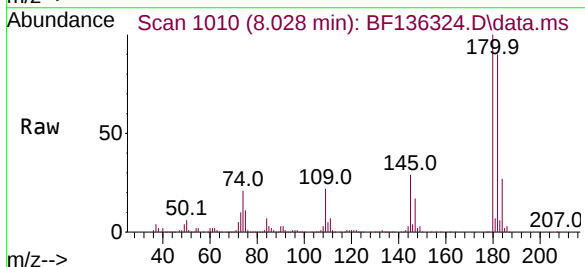
Tgt Ion:180 Resp: 329164

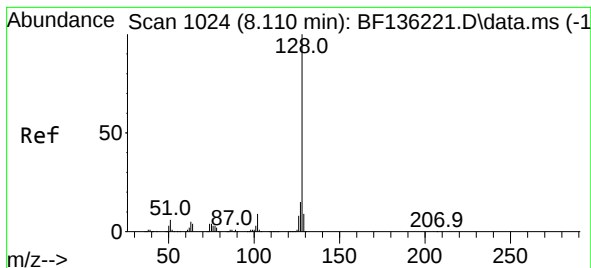
Ion Ratio Lower Upper

180 100

182 90.2 71.6 107.4

145 29.1 23.0 34.4





#31

Naphthalene

Concen: 44.062 ng

RT: 8.110 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

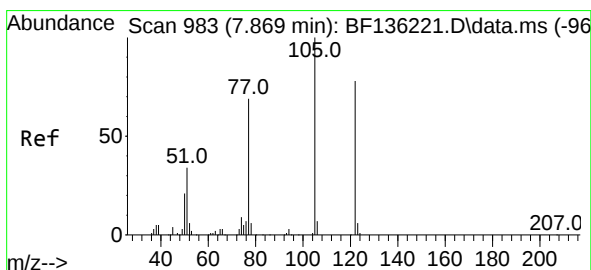
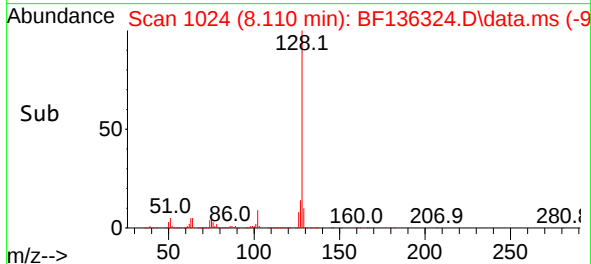
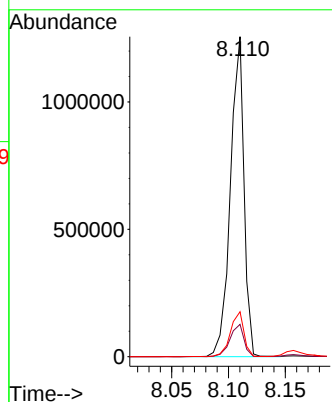
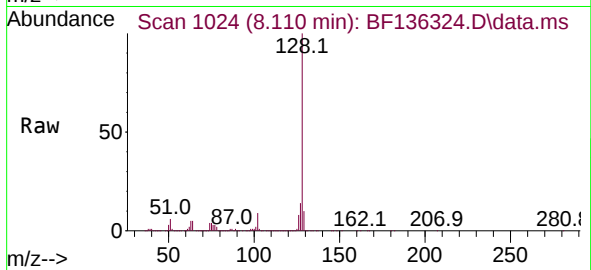
Tgt Ion:128 Resp: 1042144

Ion Ratio Lower Upper

128 100

129 10.1 7.3 10.9

127 14.1 11.8 17.6



#32

Benzoic acid

Concen: 31.856 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.012 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

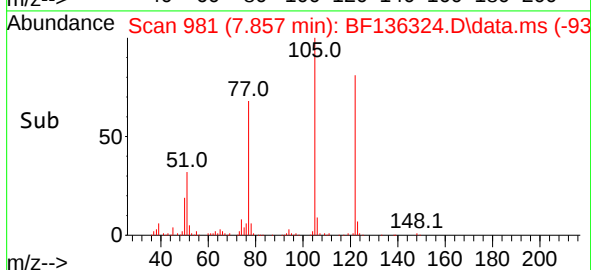
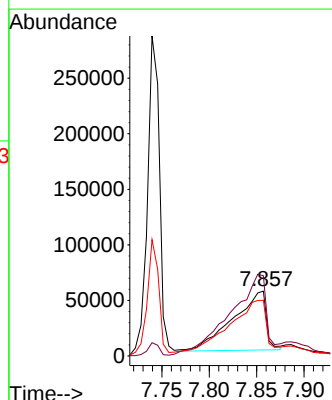
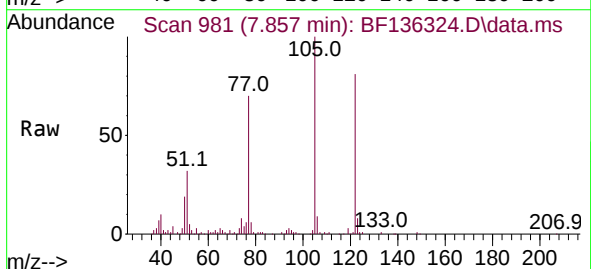
Tgt Ion:122 Resp: 131388

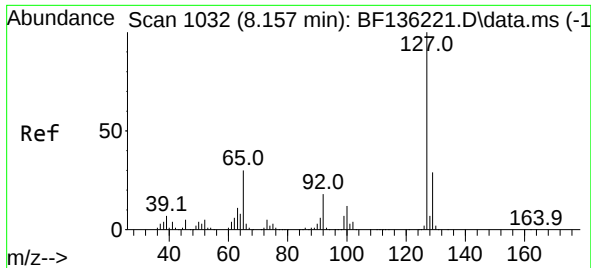
Ion Ratio Lower Upper

122 100

105 123.5 103.7 143.7

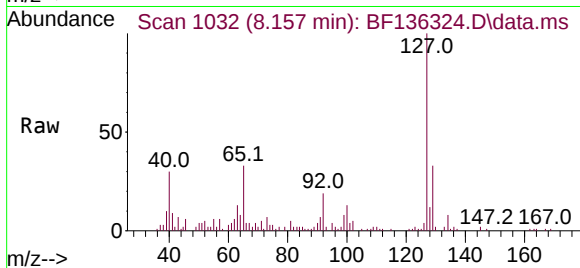
77 85.8 66.8 106.8



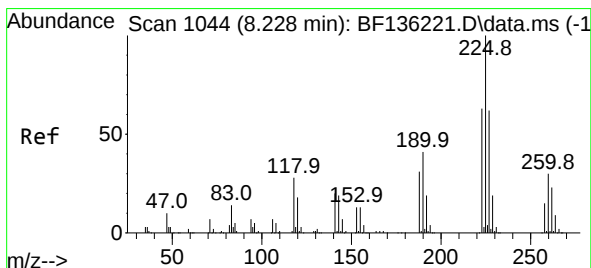
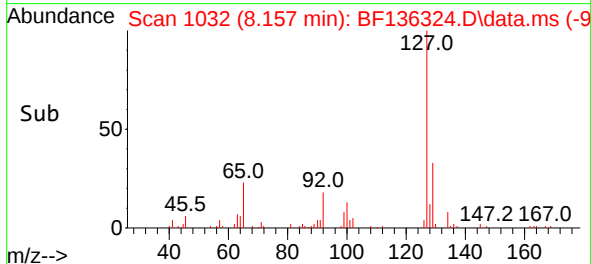
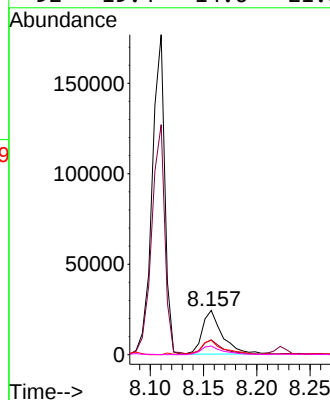


#33
4-Chloroaniline
Concen: 3.942 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :
BNA_F
ClientSampleId :

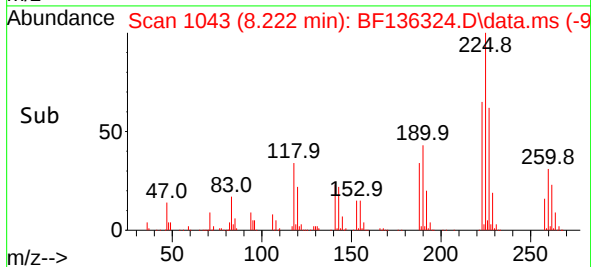
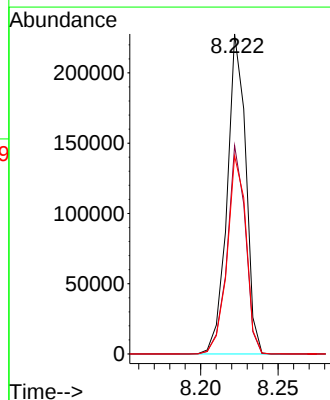
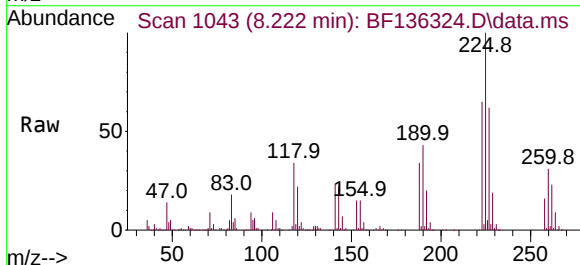


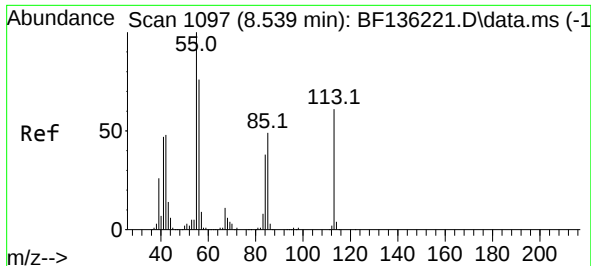
Tgt Ion:	127	Resp:	31695
Ion	Ratio	Lower	Upper
127	100		
129	33.5	23.4	35.2
65	32.6	23.8	35.6
92	19.4	14.6	21.8



#34
Hexachlorobutadiene
Concen: 43.516 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

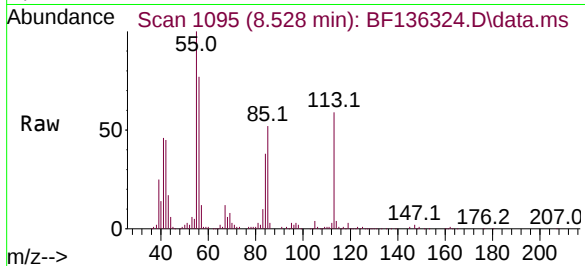
Tgt Ion:	225	Resp:	190260
Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.6	75.8
227	61.9	49.6	74.4



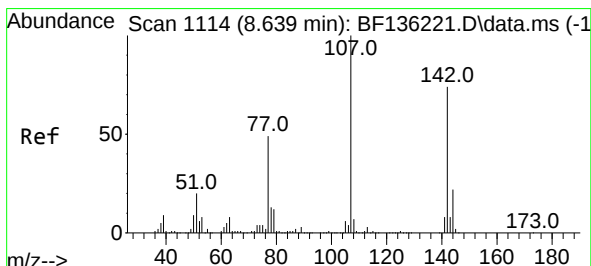
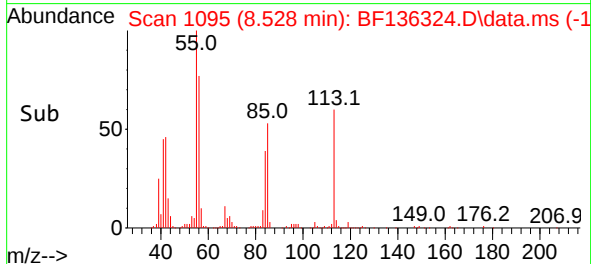
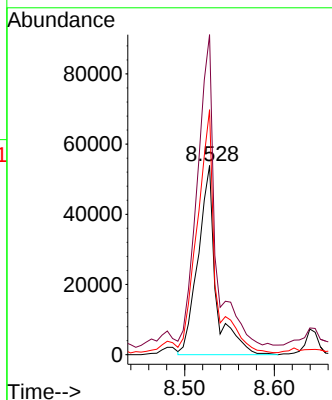


#35
 Caprolactam
 Concen: 43.963 ng
 RT: 8.528 min Scan# 1095
 Delta R.T. -0.012 min
 Lab File: BF136324.D
 Acq: 30 Nov 2023 20:45

Instrument :
 BNA_F
 ClientSampleId :

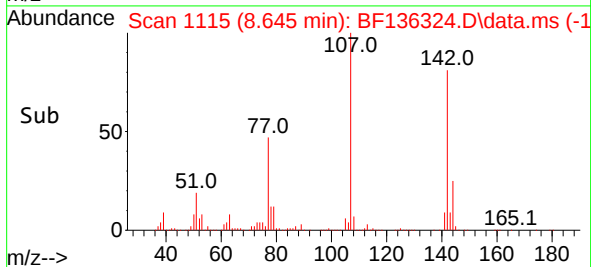
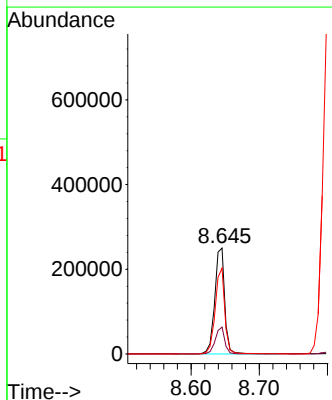
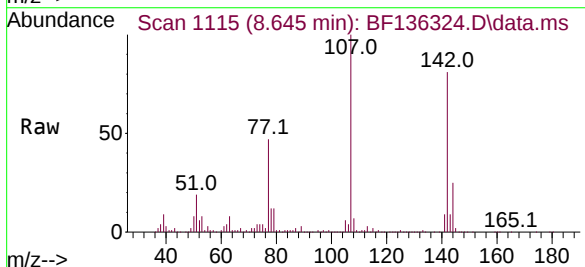


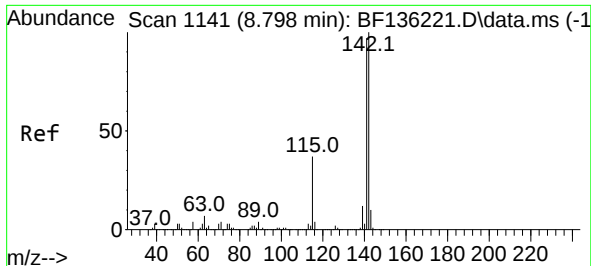
Tgt Ion:113 Resp: 75018
 Ion Ratio Lower Upper
 113 100
 55 169.2 143.1 183.1
 56 129.5 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.588 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.006 min
 Lab File: BF136324.D
 Acq: 30 Nov 2023 20:45

Tgt Ion:107 Resp: 255462
 Ion Ratio Lower Upper
 107 100
 144 25.4 17.8 26.8
 142 80.9 59.4 89.0





#37

2-Methylnaphthalene

Concen: 40.642 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

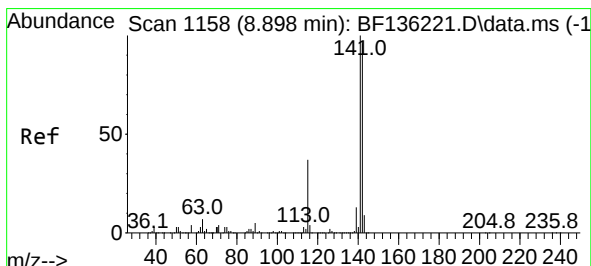
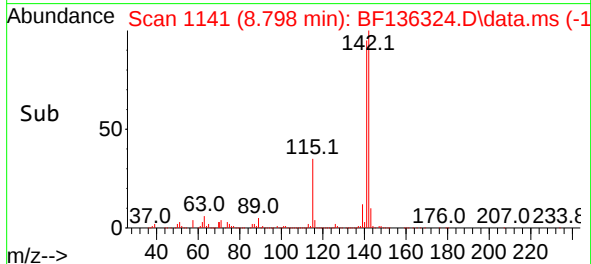
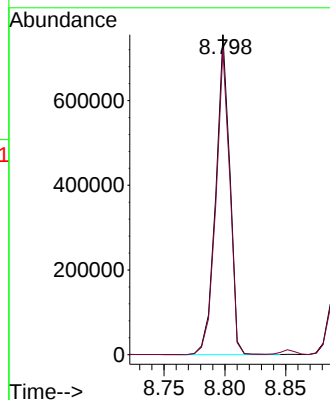
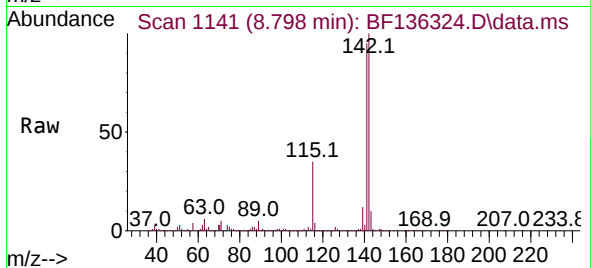
ClientSampleId :

Tgt Ion:142 Resp: 602988

Ion Ratio Lower Upper

142 100

141 95.2 77.8 116.8



#38

1-Methylnaphthalene

Concen: 39.501 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136324.D

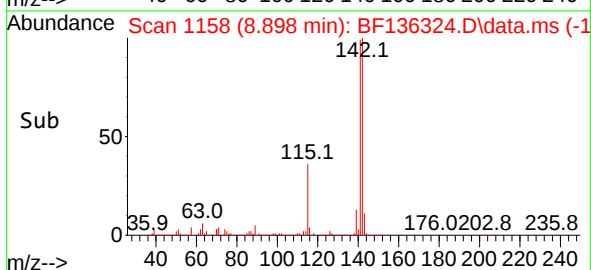
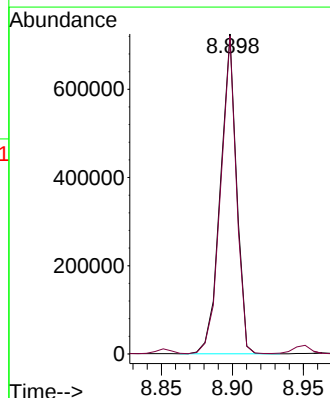
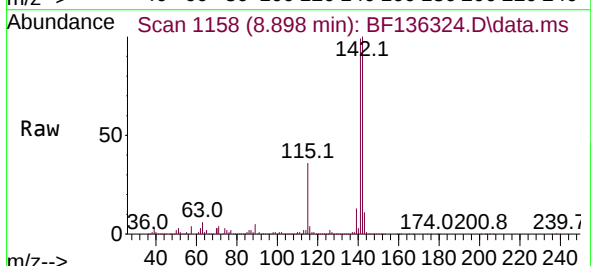
Acq: 30 Nov 2023 20:45

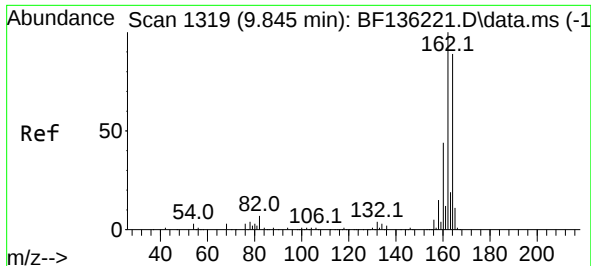
Tgt Ion:142 Resp: 571714

Ion Ratio Lower Upper

142 100

141 99.3 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

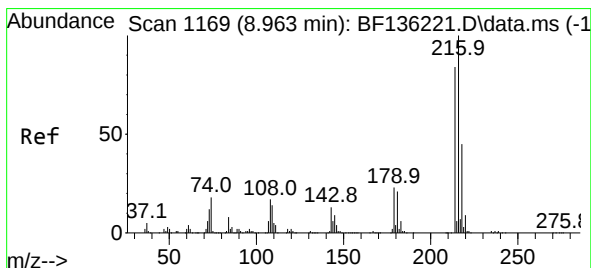
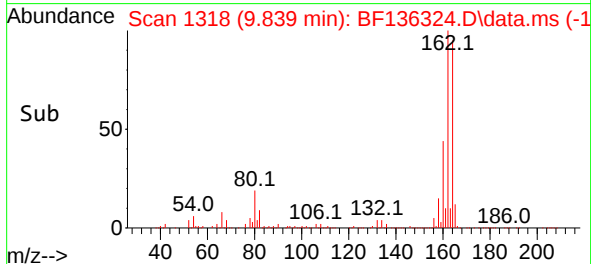
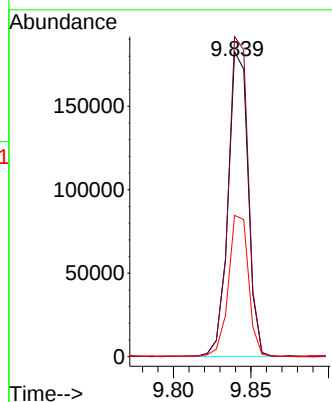
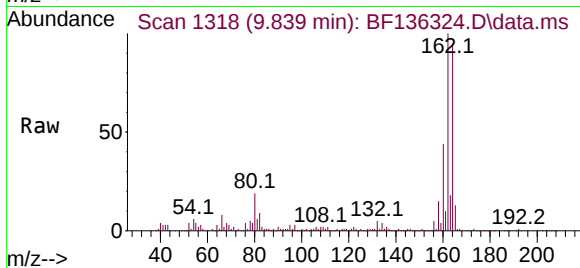
Tgt Ion:164 Resp: 163883

Ion Ratio Lower Upper

164 100

162 104.9 89.5 134.3

160 46.3 39.6 59.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.955 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Tgt Ion:216 Resp: 286622

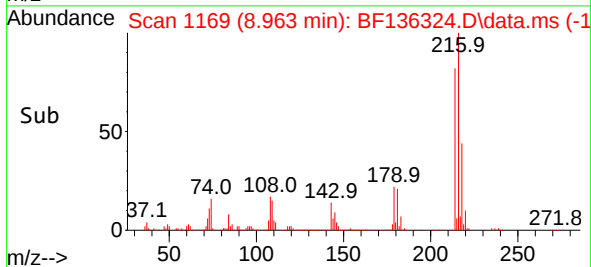
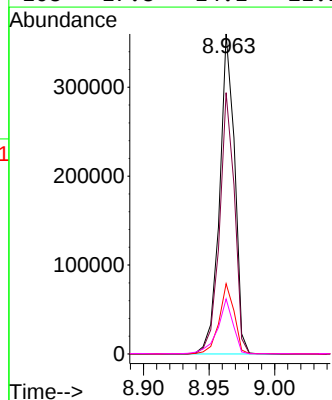
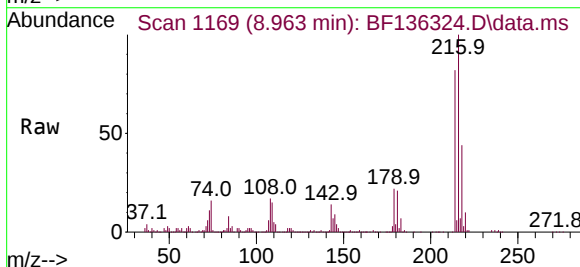
Ion Ratio Lower Upper

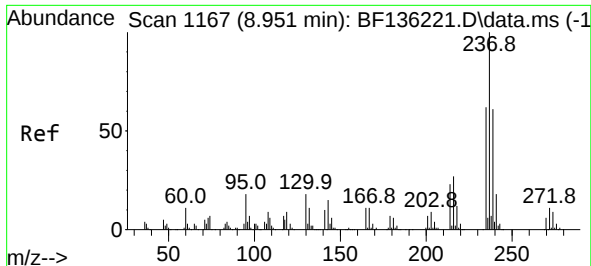
216 100

214 80.6 65.8 98.8

179 21.7 17.4 26.0

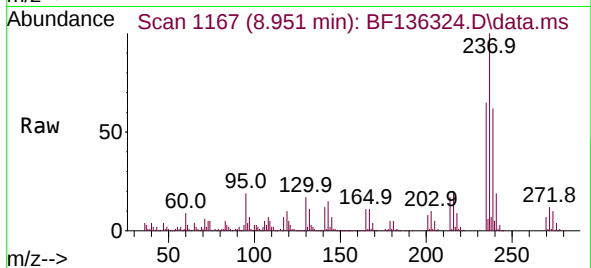
108 17.8 14.1 21.1



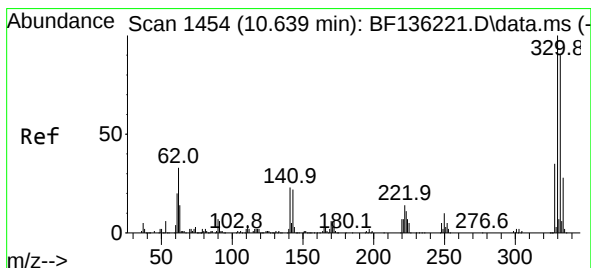
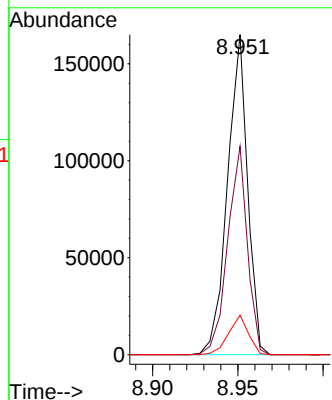
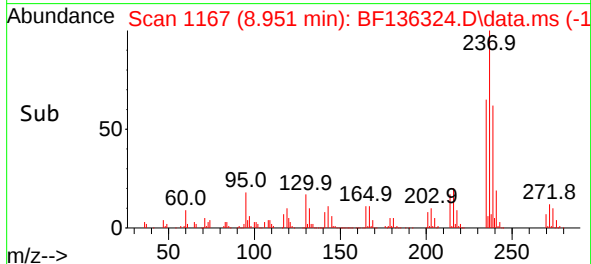


#41
Hexachlorocyclopentadiene
Concen: 67.496 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

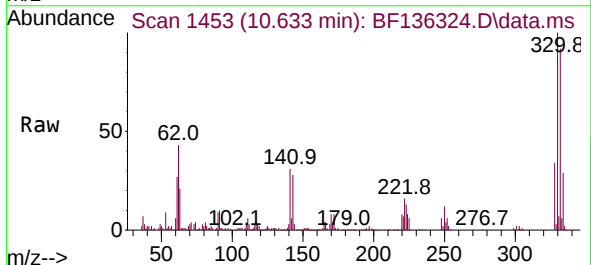
Instrument :
BNA_F
ClientSampleId :



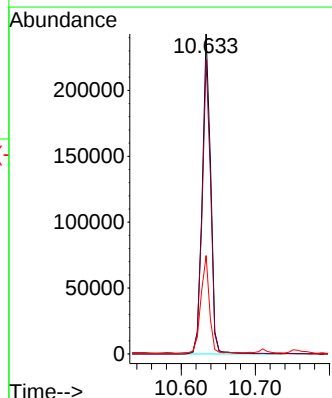
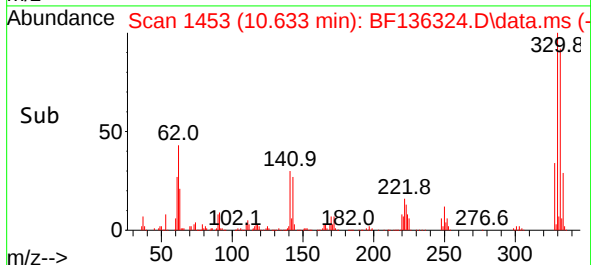
Tgt Ion:237 Resp: 135457
Ion Ratio Lower Upper
237 100
235 65.1 42.1 82.1
272 12.4 0.0 31.0

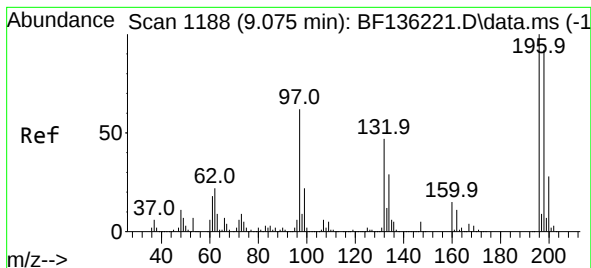


#42
2,4,6-Tribromophenol
Concen: 94.708 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



Tgt Ion:330 Resp: 189758
Ion Ratio Lower Upper
330 100
332 92.8 73.0 109.6
141 30.9 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 48.817 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

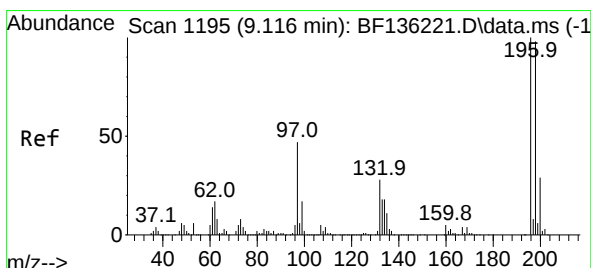
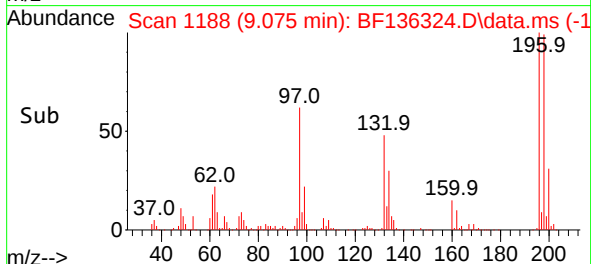
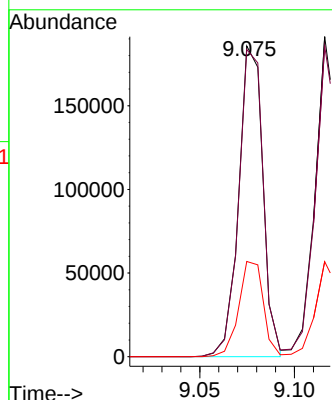
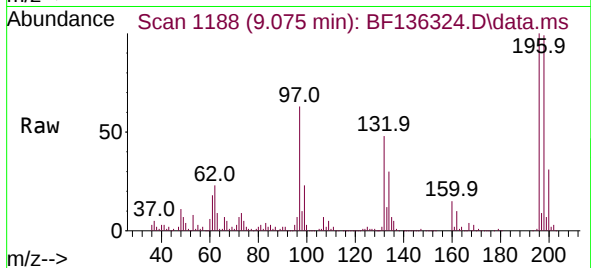
Tgt Ion:196 Resp: 165258

Ion Ratio Lower Upper

196 100

198 98.8 73.2 109.8

200 30.7 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 45.633 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Tgt Ion:196 Resp: 168583

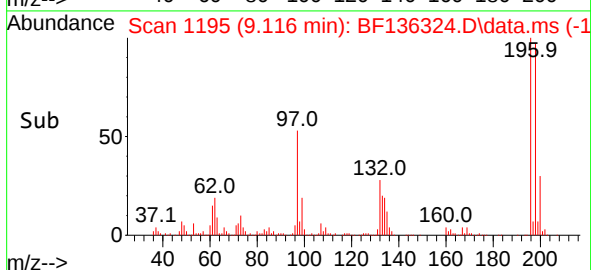
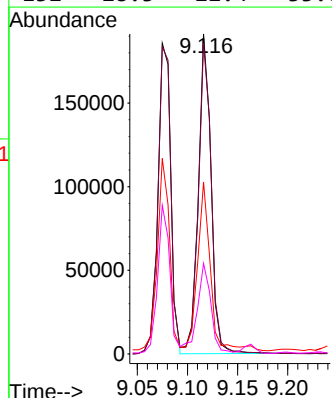
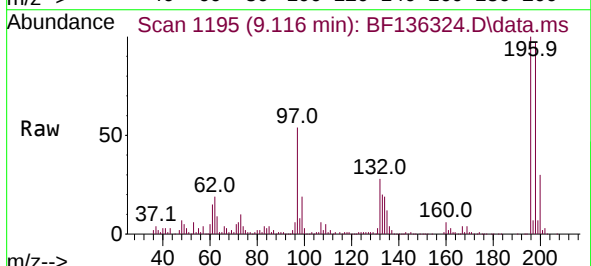
Ion Ratio Lower Upper

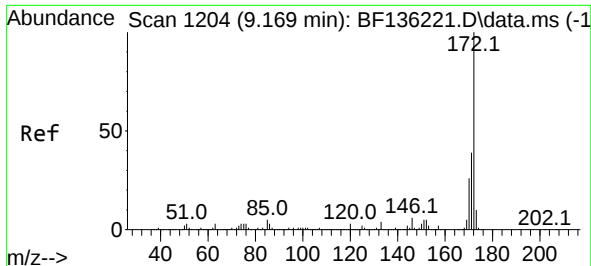
196 100

198 97.1 78.8 118.2

97 53.7 37.8 56.8

132 28.3 22.4 33.6

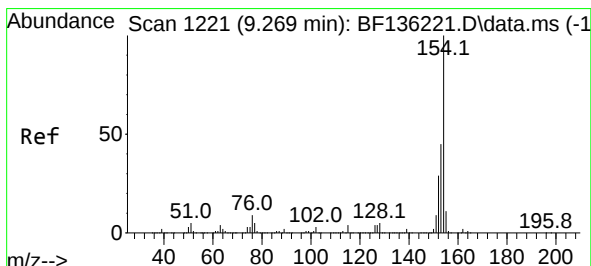
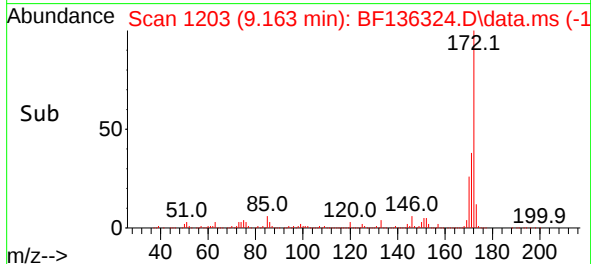
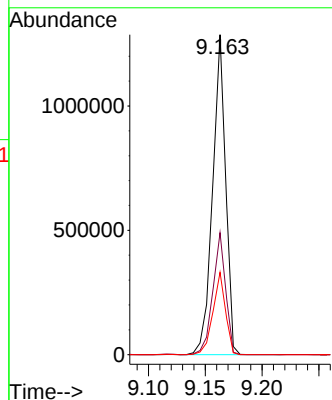
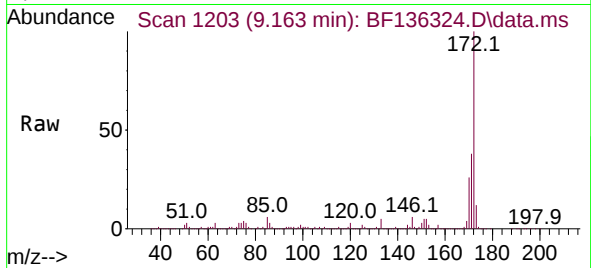




#45
2-Fluorobiphenyl
Concen: 79.836 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

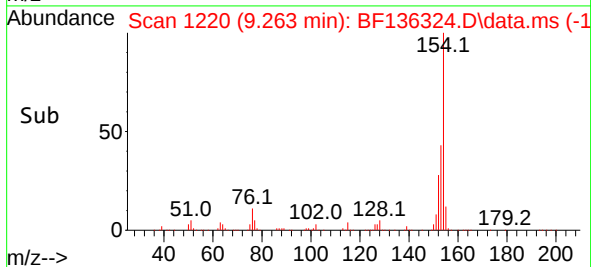
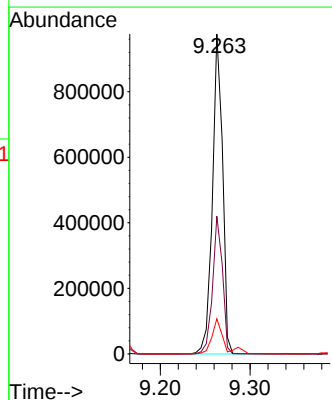
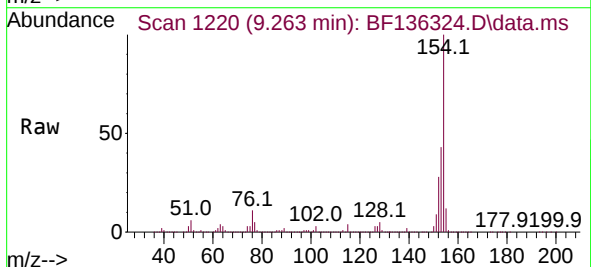
Instrument :
BNA_F
ClientSampleId :

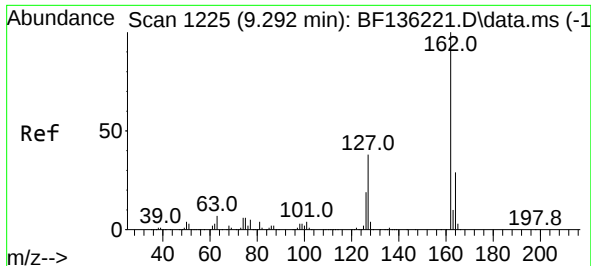
Tgt Ion:172 Resp: 1024328
Ion Ratio Lower Upper
172 100
171 38.2 31.5 47.3
170 25.8 20.8 31.2



#46
1,1'-Biphenyl
Concen: 52.805 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:154 Resp: 763141
Ion Ratio Lower Upper
154 100
153 43.0 24.6 64.6
76 11.0 0.0 29.4





#47

2-Chloronaphthalene

Concen: 48.285 ng

RT: 9.287 min Scan# 1224

Delta R.T. -0.005 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

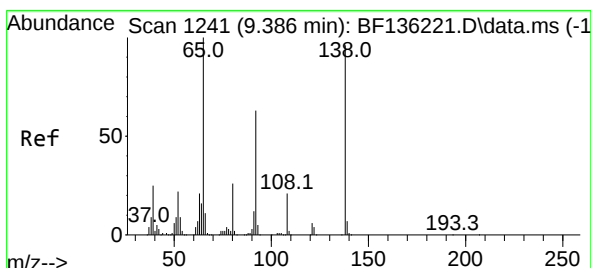
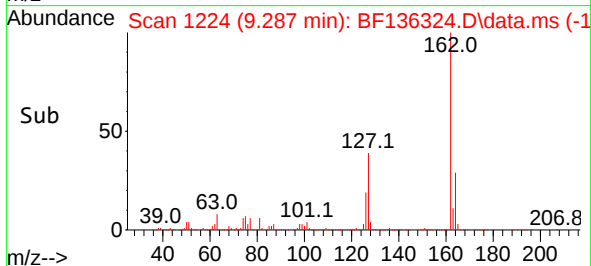
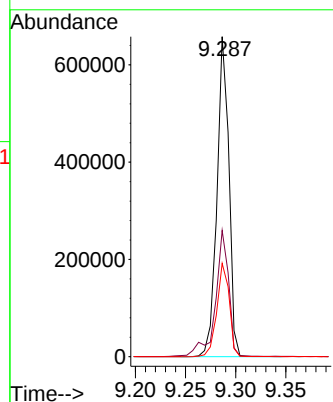
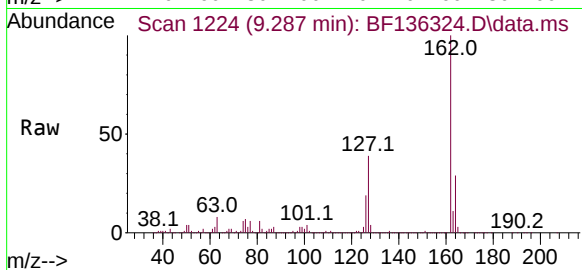
Tgt Ion:162 Resp: 541915

Ion Ratio Lower Upper

162 100

127 39.4 30.2 45.2

164 29.2 22.8 34.2



#48

2-Nitroaniline

Concen: 47.422 ng

RT: 9.387 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

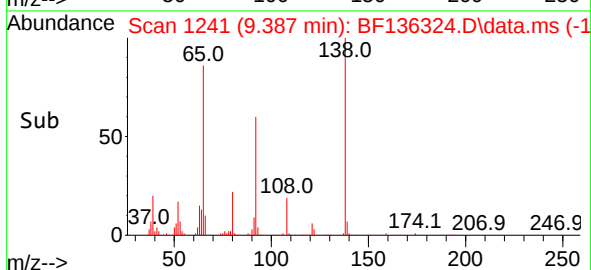
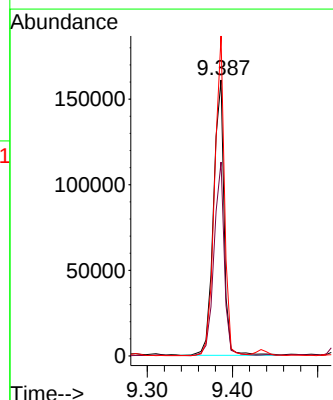
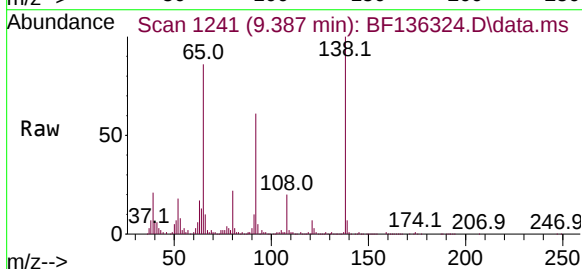
Tgt Ion: 65 Resp: 138955

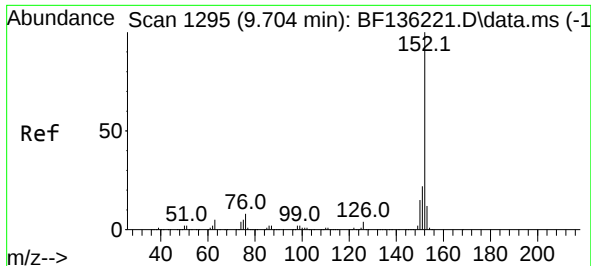
Ion Ratio Lower Upper

65 100

92 70.3 50.6 75.8

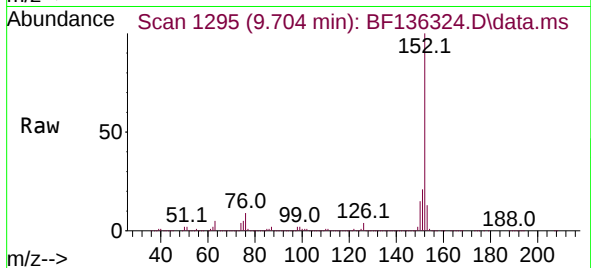
138 115.9 76.7 115.1#



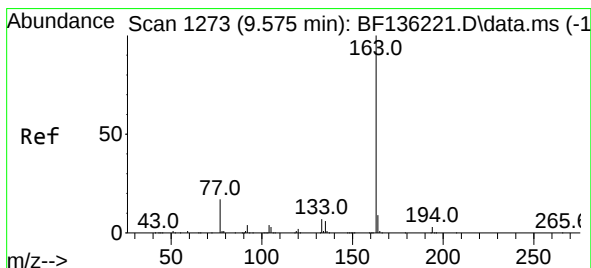
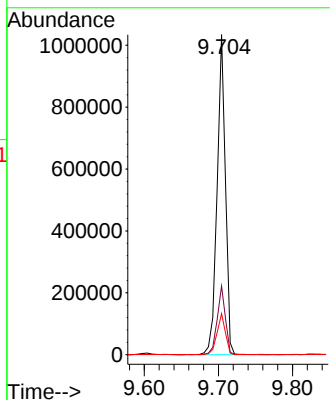
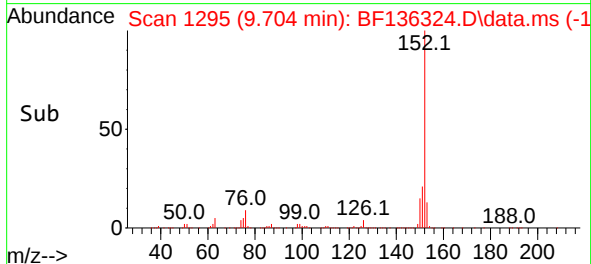


#49
Acenaphthylene
Concen: 50.064 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

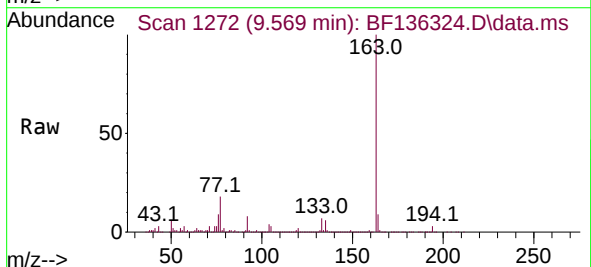
Instrument :
BNA_F
ClientSampleId :



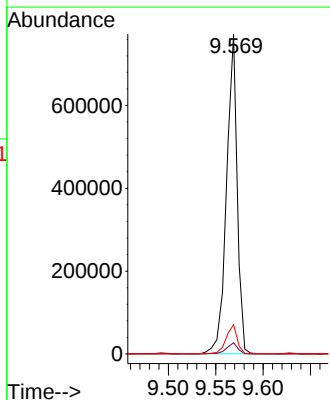
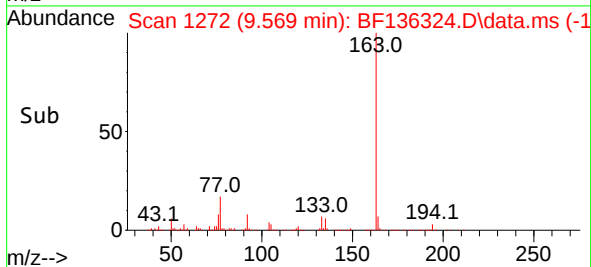
Tgt Ion:152 Resp: 801835
Ion Ratio Lower Upper
152 100
151 21.5 17.5 26.3
153 12.8 9.6 14.4

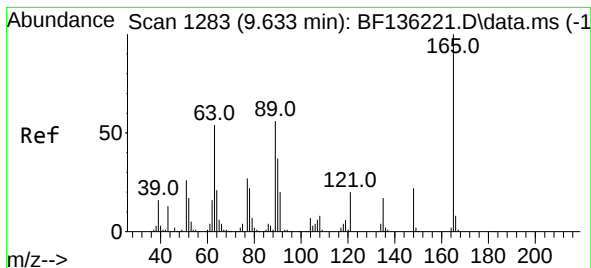


#50
Dimethylphthalate
Concen: 48.965 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



Tgt Ion:163 Resp: 606504
Ion Ratio Lower Upper
163 100
194 3.5 2.5 3.7
164 9.1 7.0 10.6

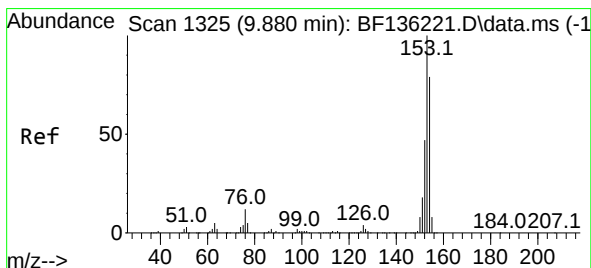
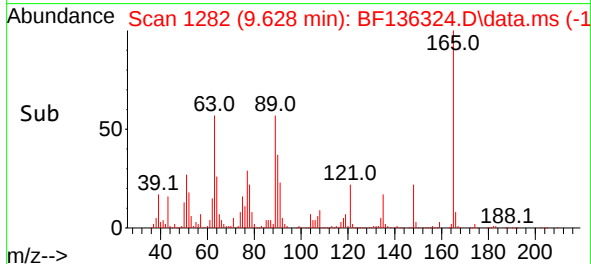
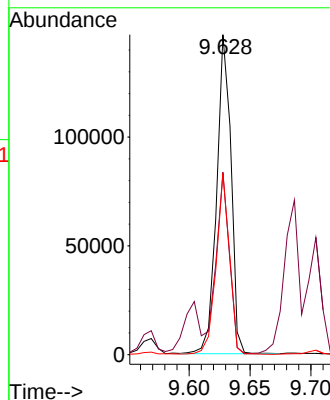
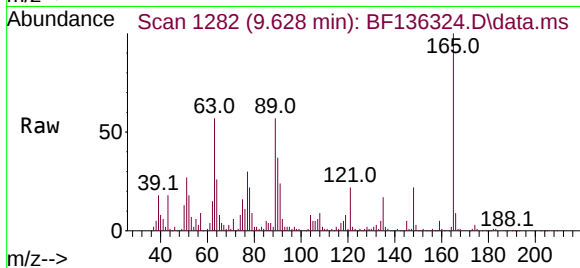




#51
2,6-Dinitrotoluene
Concen: 47.528 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

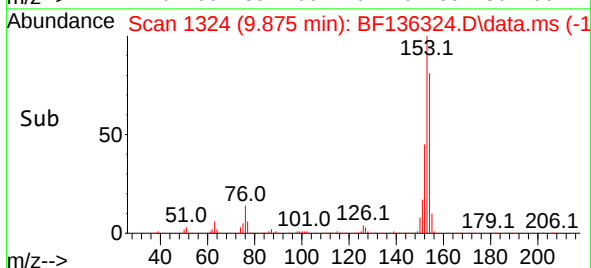
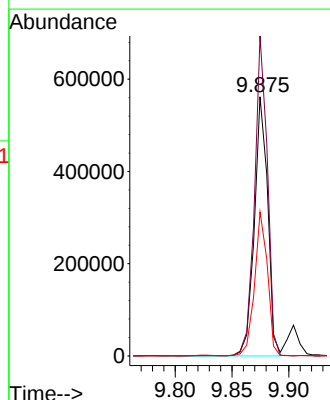
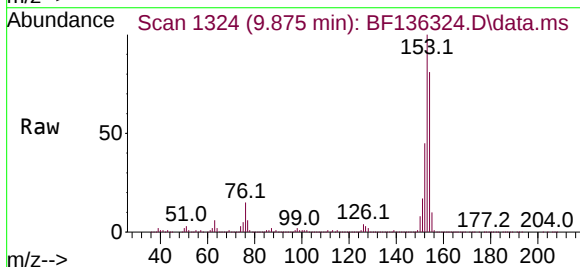
Instrument :
BNA_F
ClientSampleId :

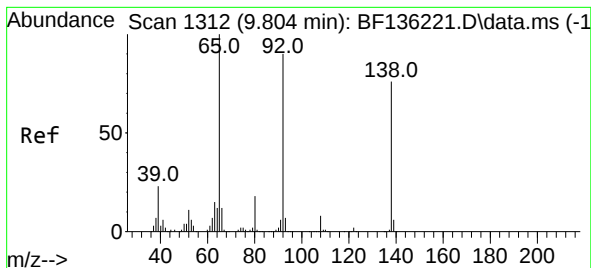
Tgt Ion:165 Resp: 120269
Ion Ratio Lower Upper
165 100
63 57.0 46.2 69.2
89 56.7 44.9 67.3



#52
Acenaphthene
Concen: 45.454 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:154 Resp: 460062
Ion Ratio Lower Upper
154 100
153 123.4 100.8 151.2
152 55.6 47.0 70.6





#53

3-Nitroaniline

Concen: 23.512 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136324.D

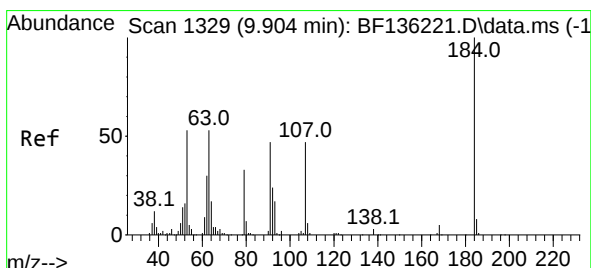
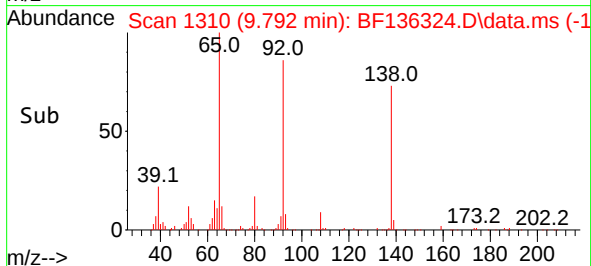
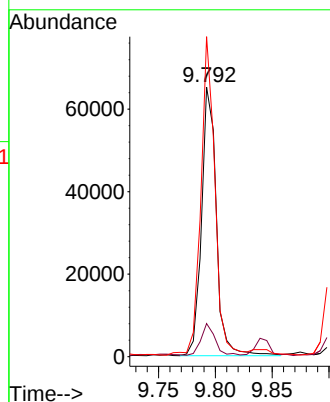
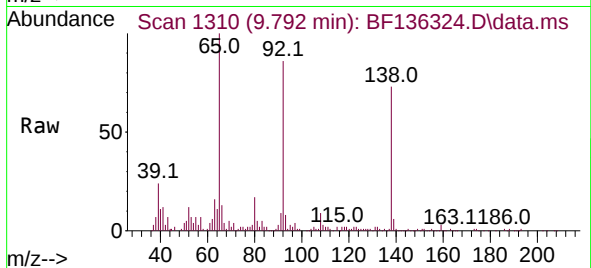
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:138	Resp:	59034
Ion Ratio	Lower	Upper
138	100	
108	12.3	8.7 13.1
92	118.7	94.2 141.4



#54

2,4-Dinitrophenol

Concen: 64.976 ng

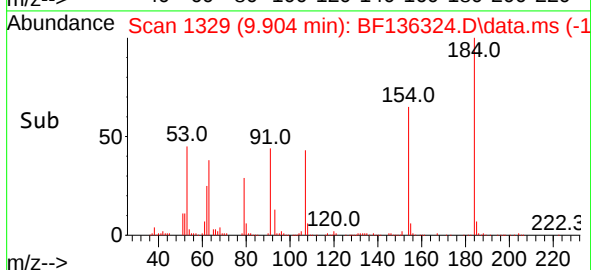
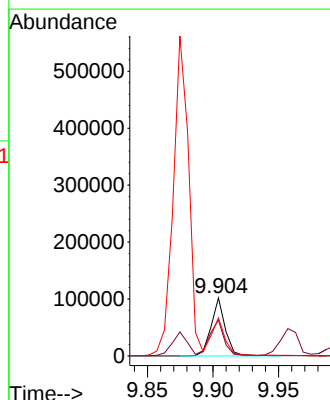
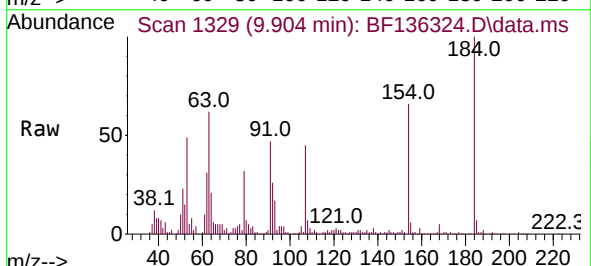
RT: 9.904 min Scan# 1329

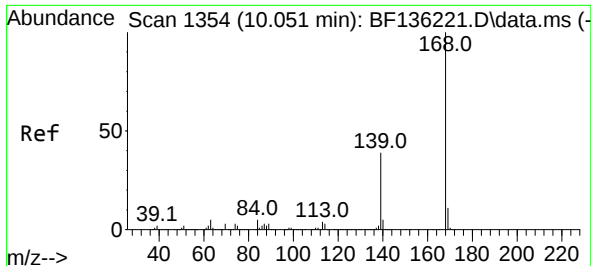
Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

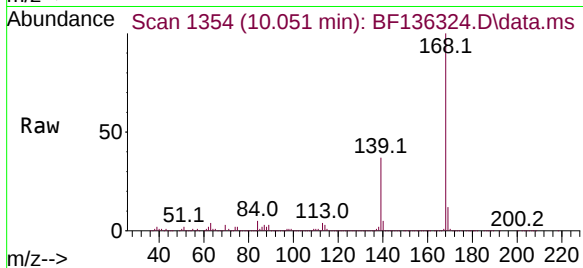
Tgt Ion:184	Resp:	76470
Ion Ratio	Lower	Upper
184	100	
63	62.0	55.0 82.4
154	65.6	54.9 82.3



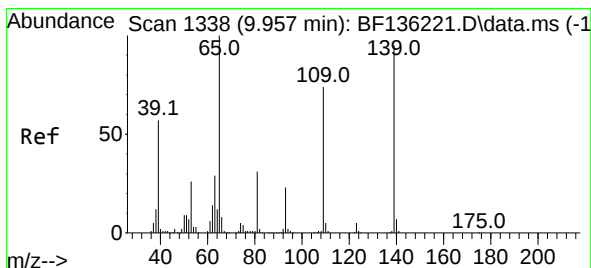
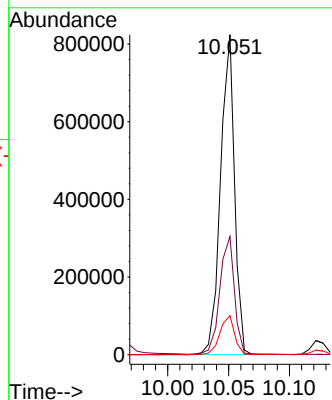
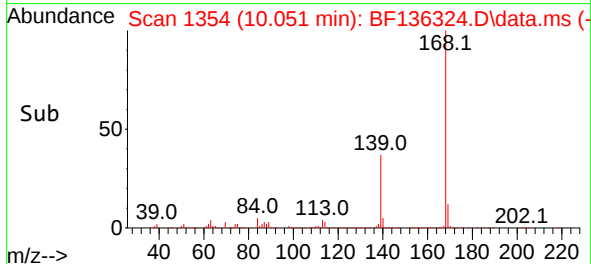


#55
Dibenzenofuran
Concen: 43.834 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :
BNA_F
ClientSampleId :

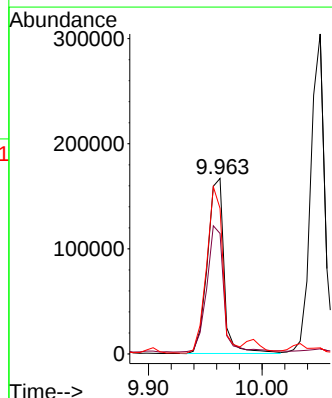
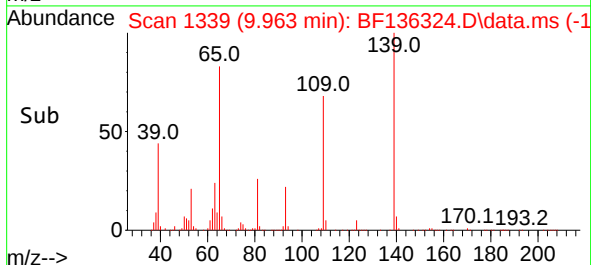
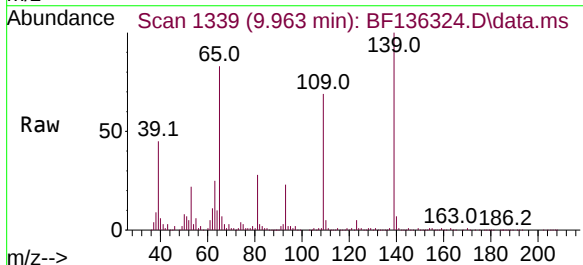


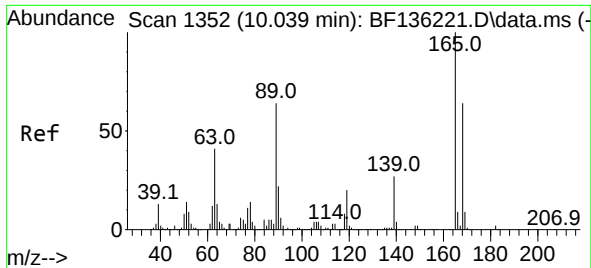
Tgt Ion:168 Resp: 660187
Ion Ratio Lower Upper
168 100
139 36.9 30.9 46.3
169 12.2 9.1 13.7



#56
4-Nitrophenol
Concen: 88.853 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:139 Resp: 169441
Ion Ratio Lower Upper
139 100
109 68.6 57.8 97.8
65 83.0 86.0 126.0#

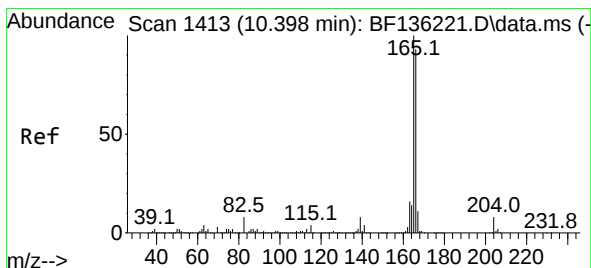
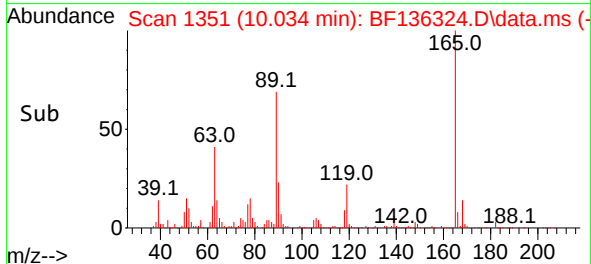
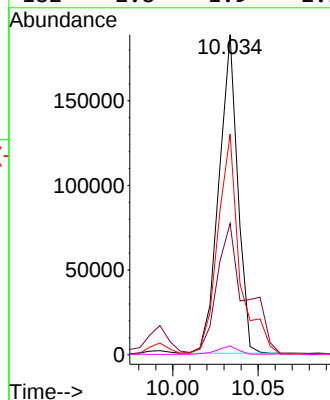
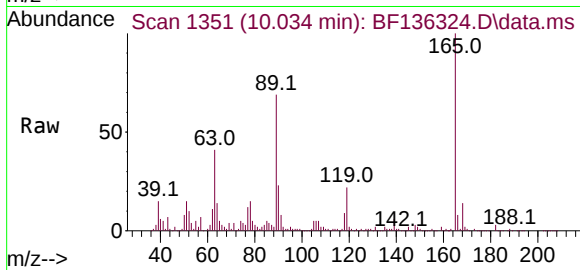




#57
2,4-Dinitrotoluene
Concen: 42.852 ng
RT: 10.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

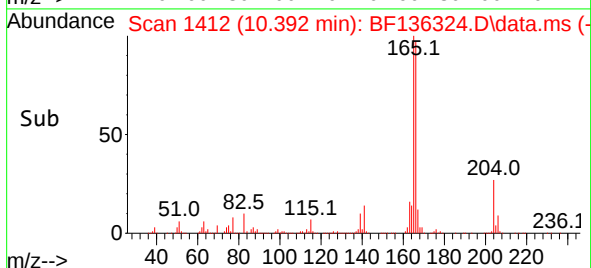
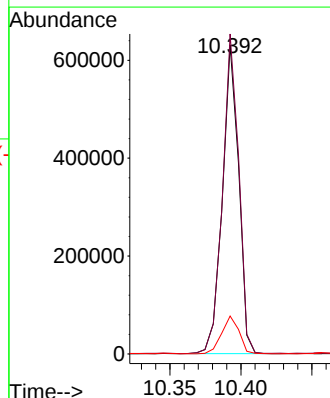
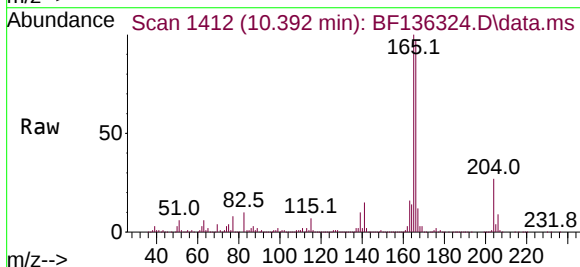
Instrument :
BNA_F
ClientSampleId :

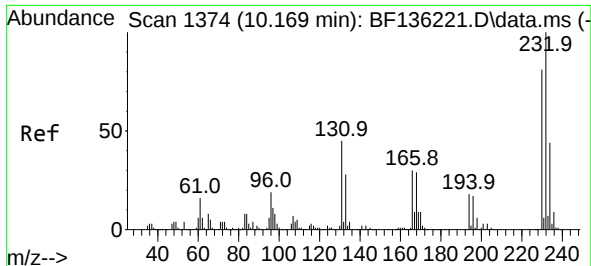
Tgt Ion:165 Resp: 144847
Ion Ratio Lower Upper
165 100
63 41.0 33.0 49.4
89 68.9 51.5 77.3
182 2.8 1.9 2.9



#58
Fluorene
Concen: 42.498 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:166 Resp: 502066
Ion Ratio Lower Upper
166 100
165 103.5 86.2 129.4
167 12.3 9.1 13.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.080 ng

RT: 10.169 min Scan# 1

Delta R.T. 0.000 min

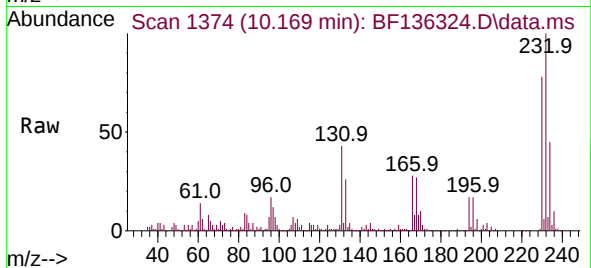
Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:232 Resp: 126629

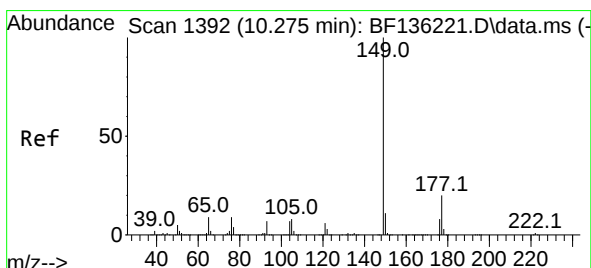
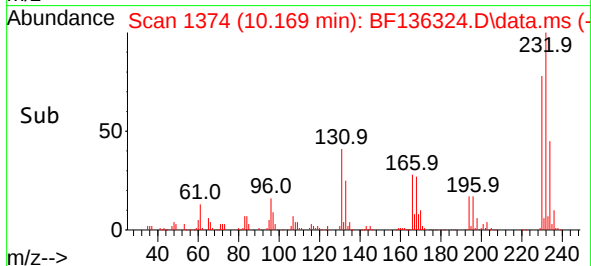
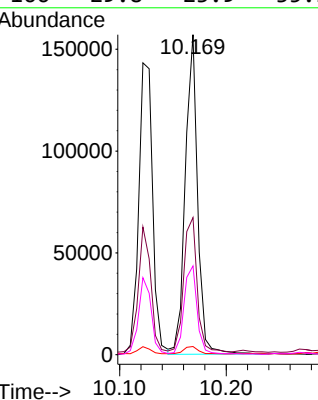
Ion Ratio Lower Upper

232 100

131 46.0 36.4 54.6

130 2.8 1.9 2.9

166 29.8 23.9 35.9



#60

Diethylphthalate

Concen: 43.810 ng

RT: 10.269 min Scan# 1391

Delta R.T. -0.006 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

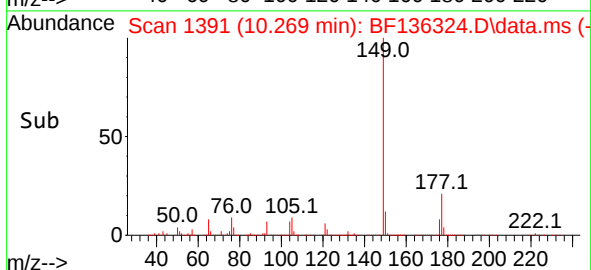
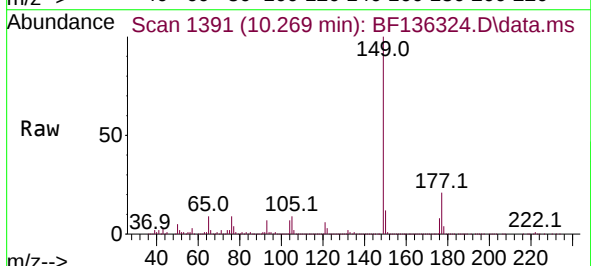
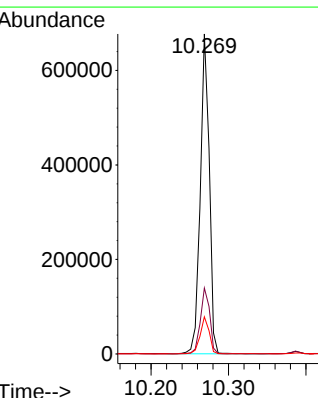
Tgt Ion:149 Resp: 542824

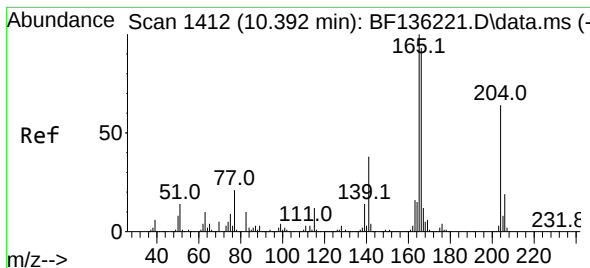
Ion Ratio Lower Upper

149 100

177 20.6 15.8 23.6

150 11.6 8.8 13.2

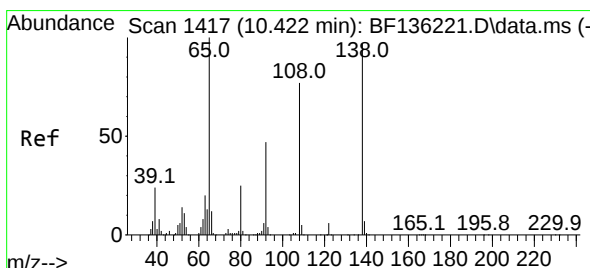
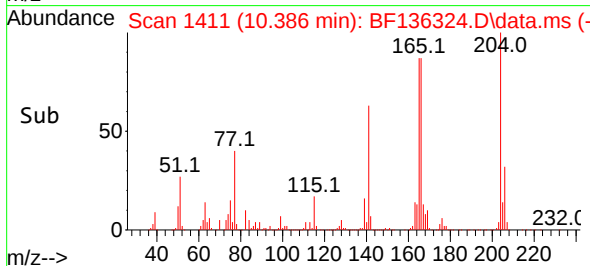
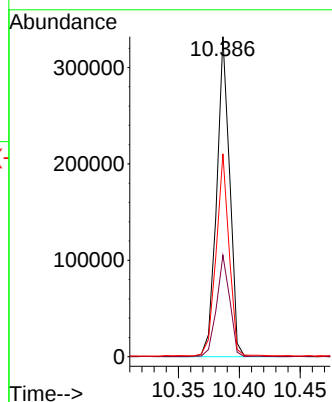
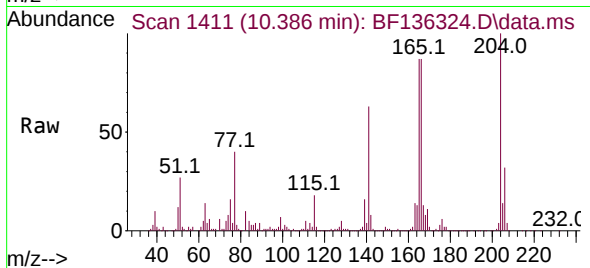




#61
4-Chlorophenyl-phenylether
Concen: 42.847 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

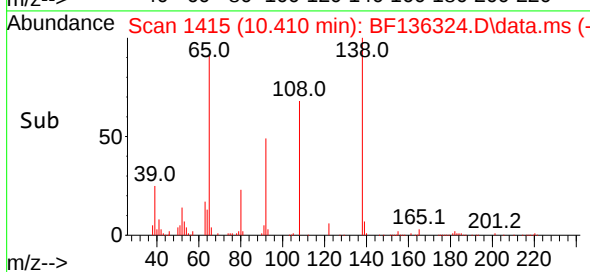
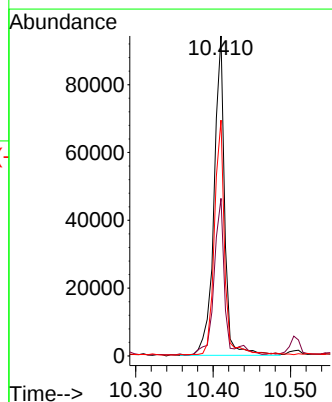
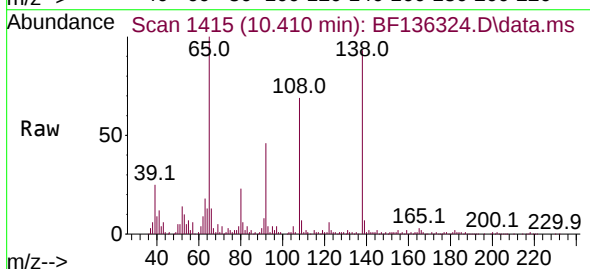
Instrument :
BNA_F
ClientSampleId :

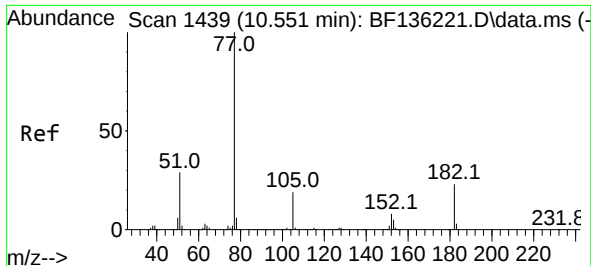
Tgt Ion:204 Resp: 245822
Ion Ratio Lower Upper
204 100
206 31.7 23.4 35.0
141 63.4 47.6 71.4



#62
4-Nitroaniline
Concen: 36.874 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:138 Resp: 90625
Ion Ratio Lower Upper
138 100
92 49.2 28.5 68.5
108 73.7 59.8 99.8

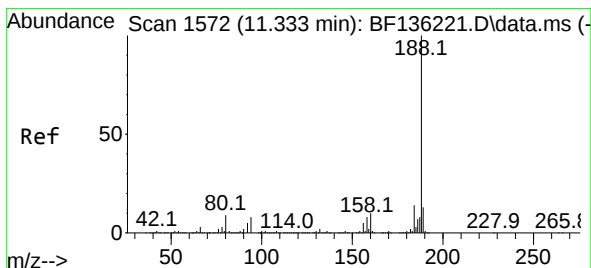
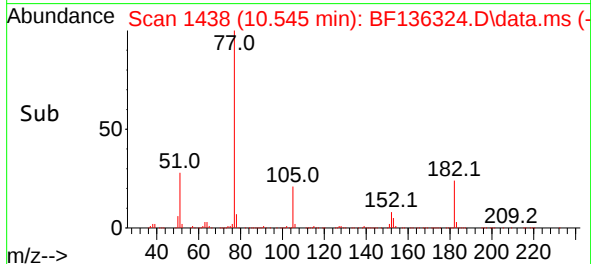
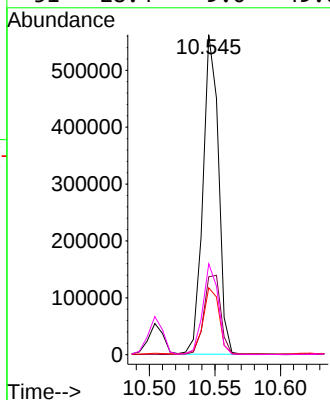
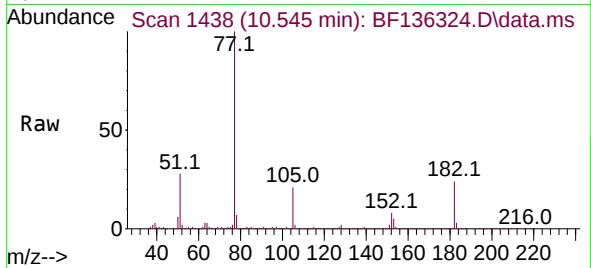




#63
Azobenzene
Concen: 40.537 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

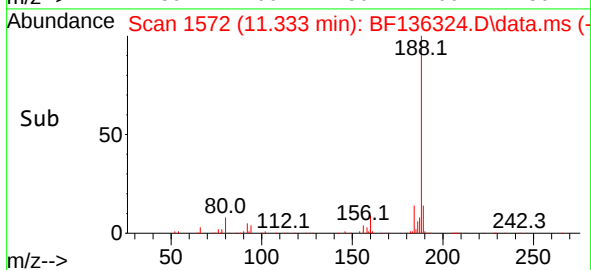
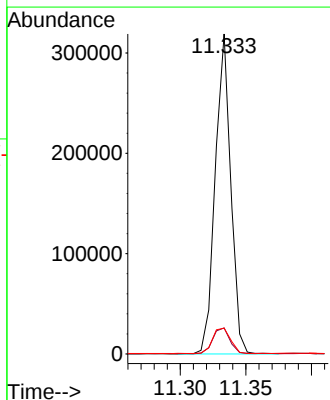
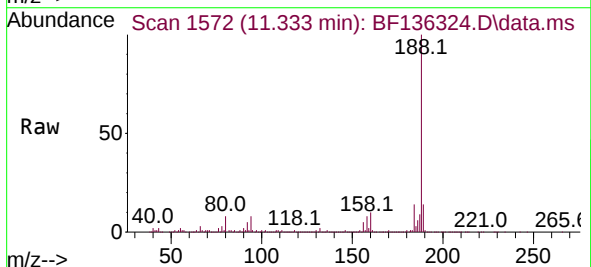
Instrument :
BNA_F
ClientSampleId :

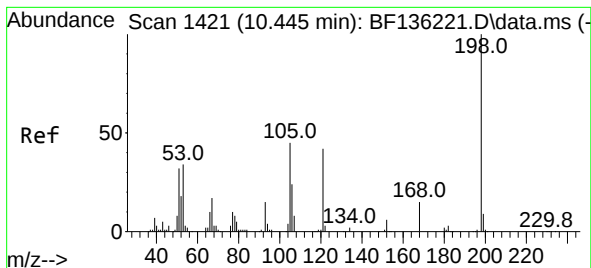
Tgt Ion: 77	Resp: 465650
Ion Ratio	Lower Upper
77 100	
182 24.3	3.3 43.3
105 20.9	0.0 39.5
51 28.4	9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:188	Resp: 262536
Ion Ratio	Lower Upper
188 100	
94 8.2	6.7 10.1
80 8.1	7.2 10.8

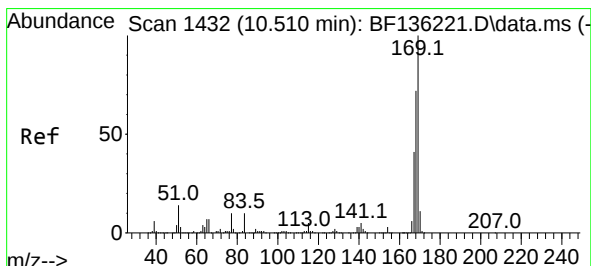
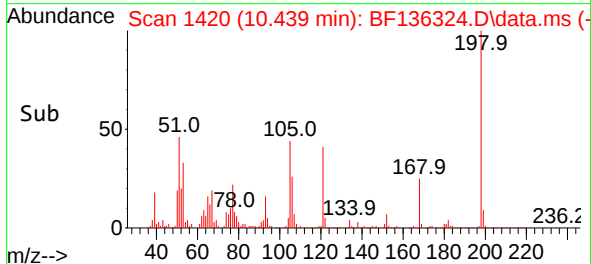
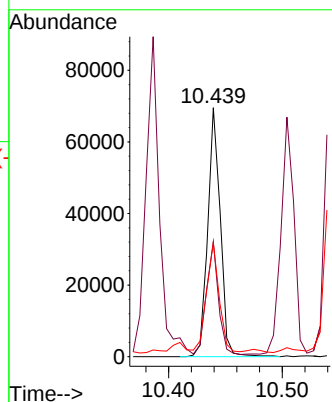
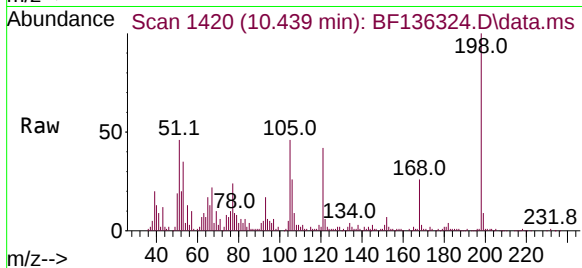




#65
4,6-Dinitro-2-methylphenol
Concen: 37.187 ng
RT: 10.439 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

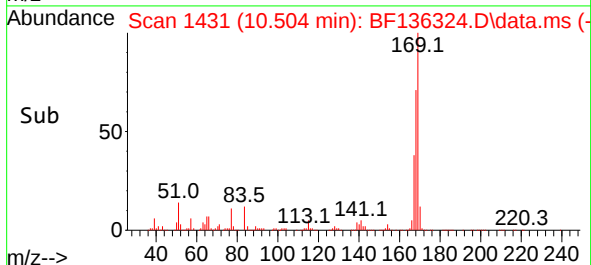
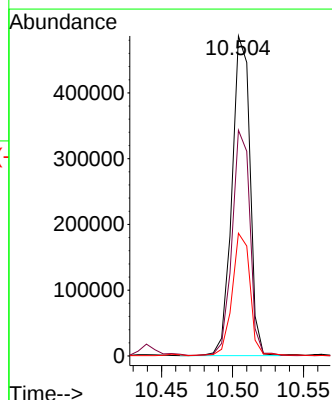
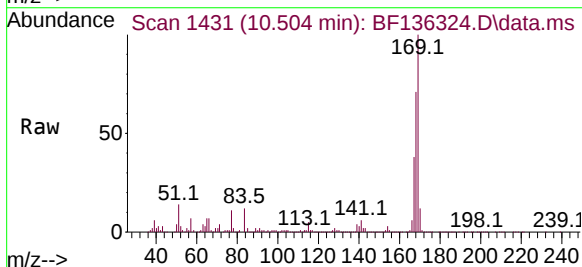
Instrument :
BNA_F
ClientSampleId :

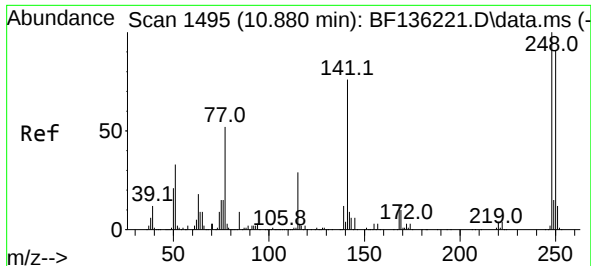
Tgt Ion:198 Resp: 53389
Ion Ratio Lower Upper
198 100
51 46.2 28.2 68.2
105 45.8 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 50.824 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:169 Resp: 427598
Ion Ratio Lower Upper
169 100
168 70.5 57.8 86.6
167 38.3 32.7 49.1

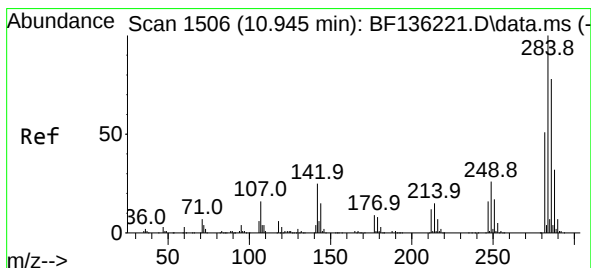
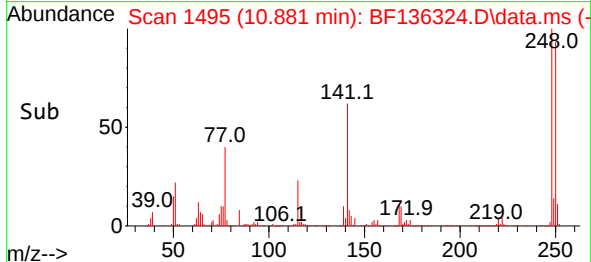
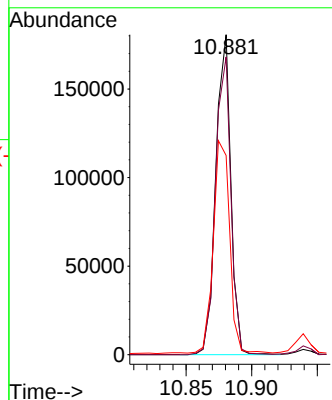
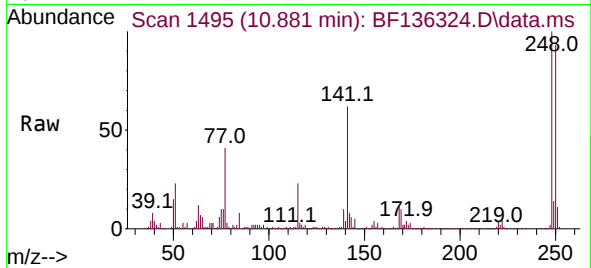




#67
4-Bromophenyl-phenylether
Concen: 46.859 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

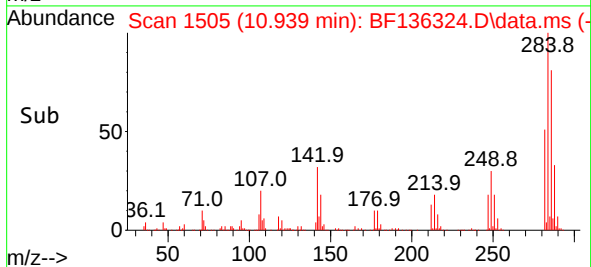
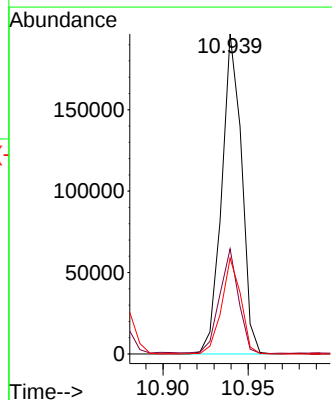
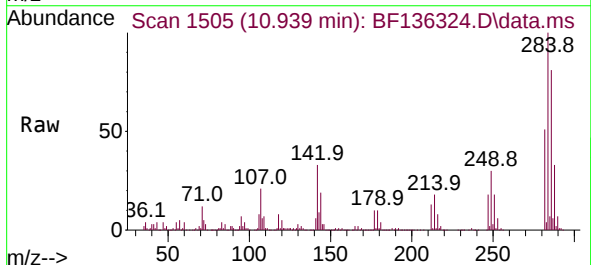
Instrument :
BNA_F
ClientSampleId :

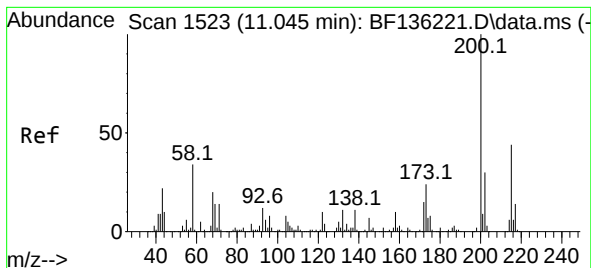
Tgt Ion:248 Resp: 143525
Ion Ratio Lower Upper
248 100
250 93.1 72.5 108.7
141 62.3 60.8 91.2



#68
Hexachlorobenzene
Concen: 45.013 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:284 Resp: 159567
Ion Ratio Lower Upper
284 100
142 32.9 19.8 29.8#
249 29.9 21.0 31.4





#69

Atrazine

Concen: 59.458 ng

RT: 11.039 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

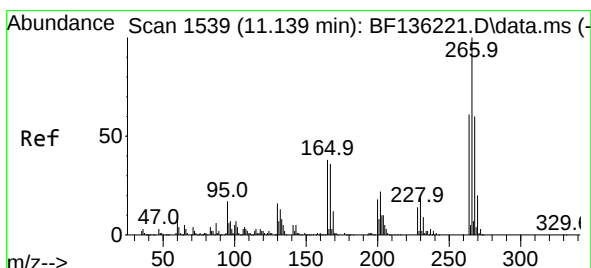
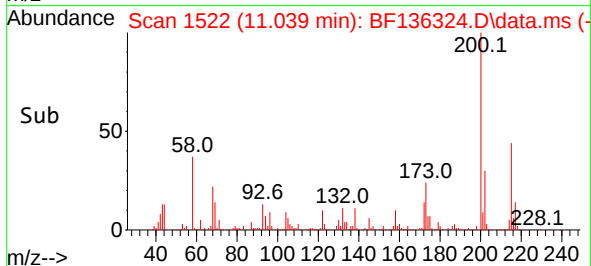
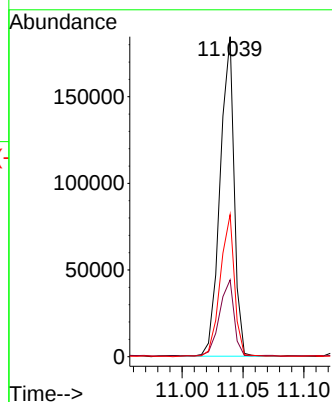
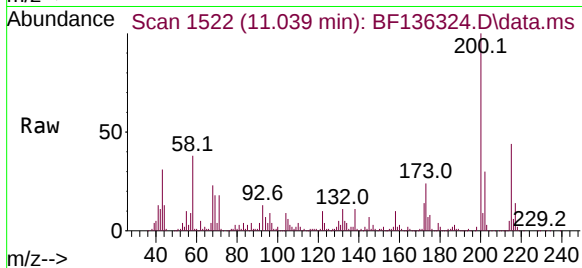
Tgt Ion:200 Resp: 148394

Ion Ratio Lower Upper

200 100

173 24.0 4.3 44.3

215 44.4 23.8 63.8



#70

Pentachlorophenol

Concen: 95.650 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

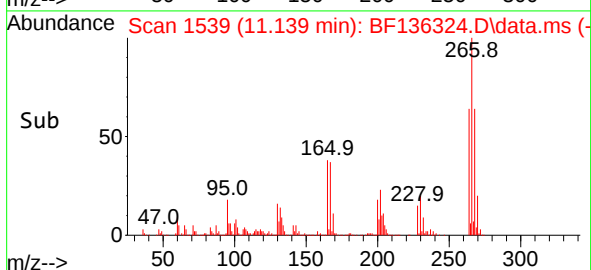
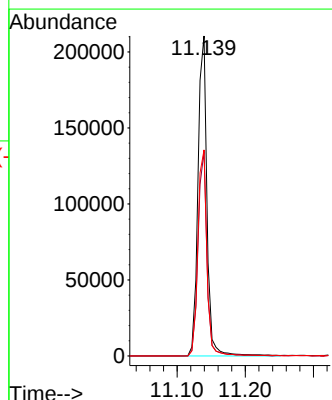
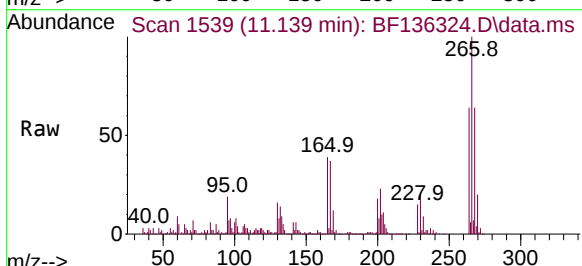
Tgt Ion:266 Resp: 191662

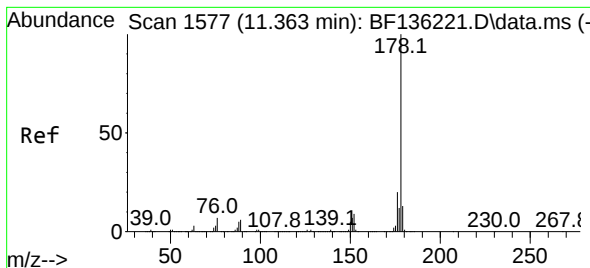
Ion Ratio Lower Upper

266 100

268 64.0 47.9 71.9

264 64.4 49.1 73.7





#71

Phenanthrene

Concen: 51.240 ng

RT: 11.357 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

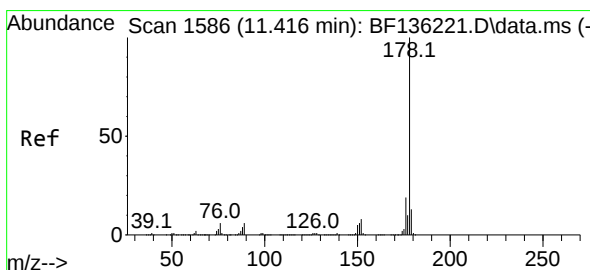
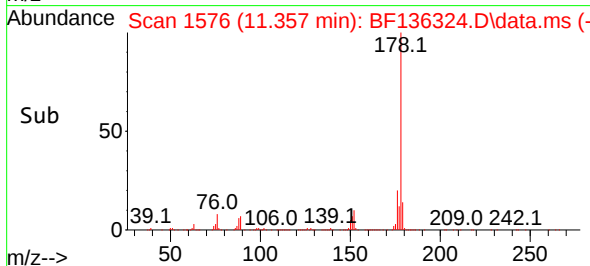
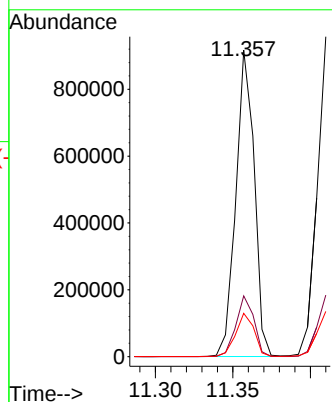
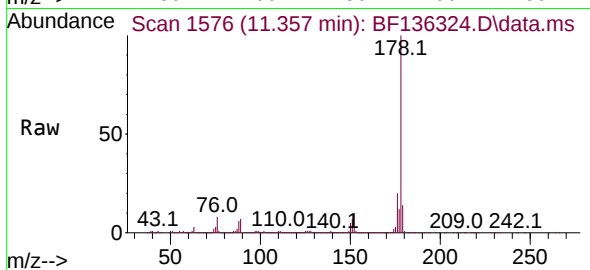
Tgt Ion:178 Resp: 756085

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.2

179 14.1 10.3 15.5



#72

Anthracene

Concen: 50.332 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

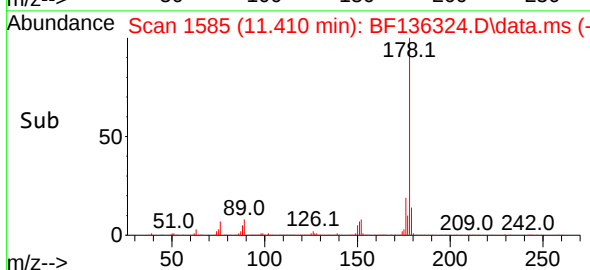
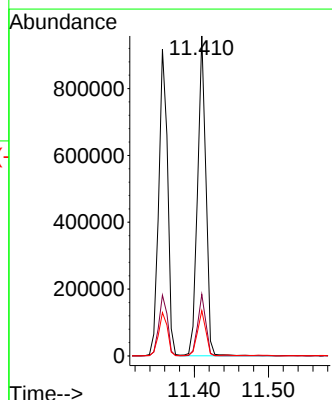
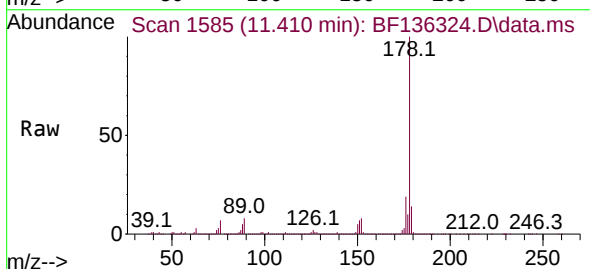
Tgt Ion:178 Resp: 744780

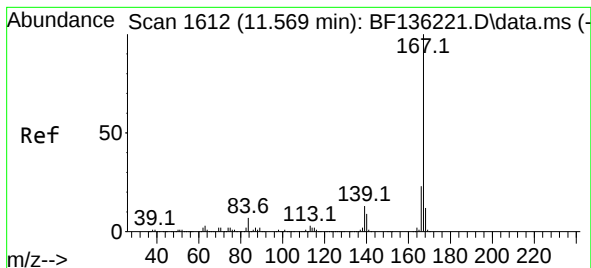
Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 14.1 10.5 15.7





#73

Carbazole

Concen: 50.637 ng

RT: 11.569 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

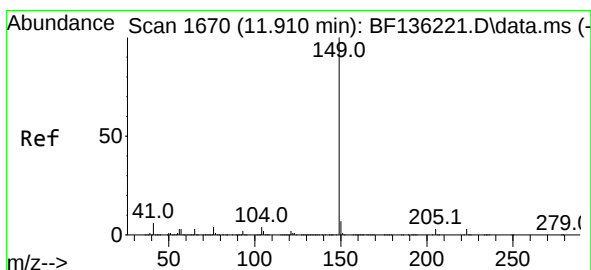
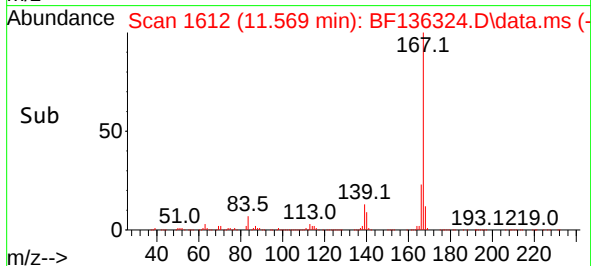
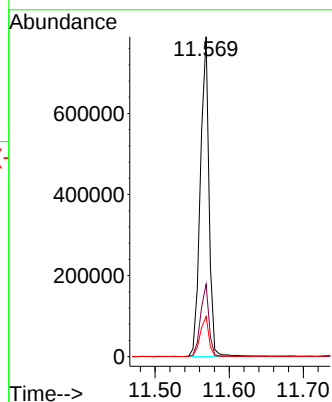
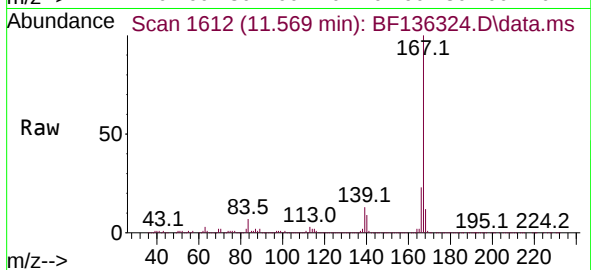
Tgt Ion:167 Resp: 637276

Ion Ratio Lower Upper

167 100

166 22.6 18.4 27.6

139 12.6 10.5 15.7



#74

Di-n-butylphthalate

Concen: 158.003 ng

RT: 11.910 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

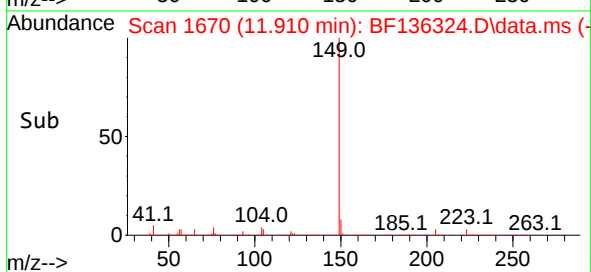
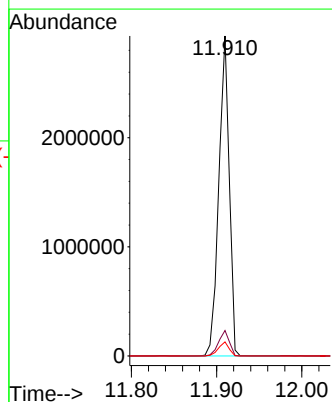
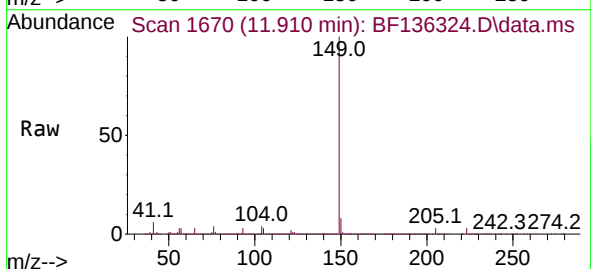
Tgt Ion:149 Resp: 2488045

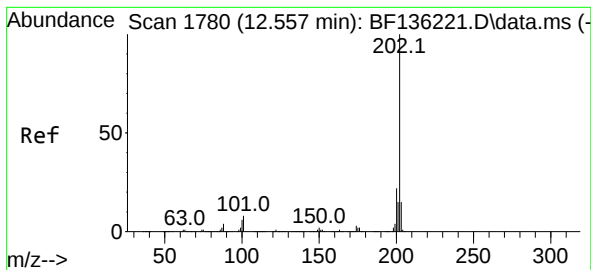
Ion Ratio Lower Upper

149 100

150 7.9 6.0 9.0

104 4.4 3.5 5.3

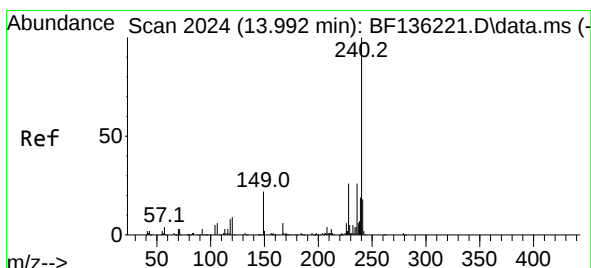
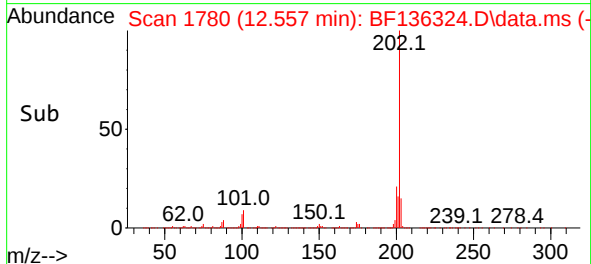
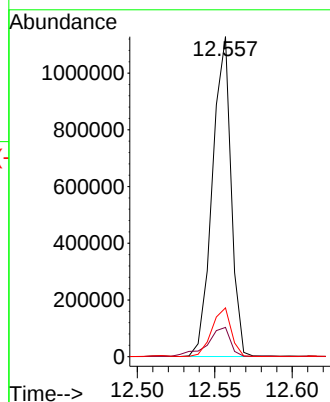
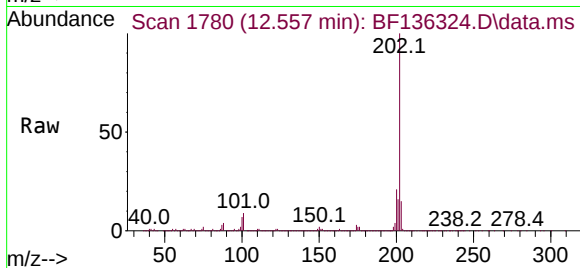




#75
Fluoranthene
Concen: 63.188 ng
RT: 12.557 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

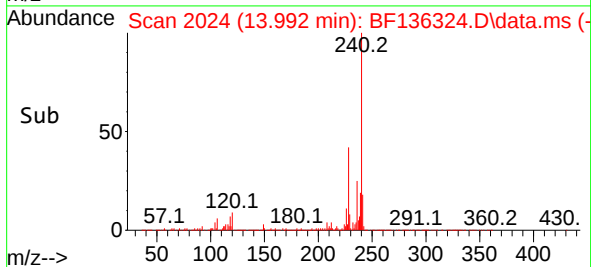
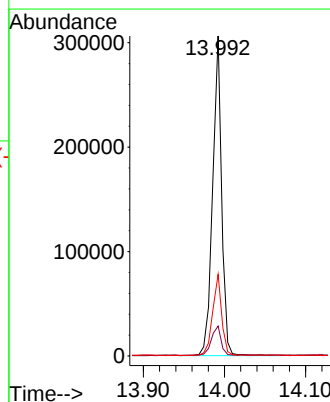
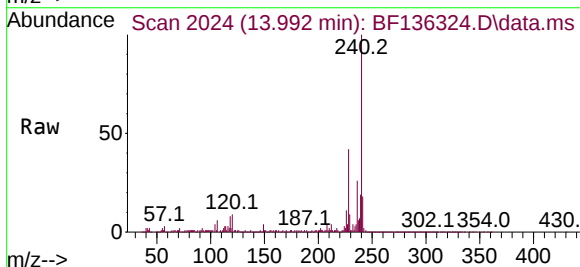
Instrument :
BNA_F
ClientSampleId :

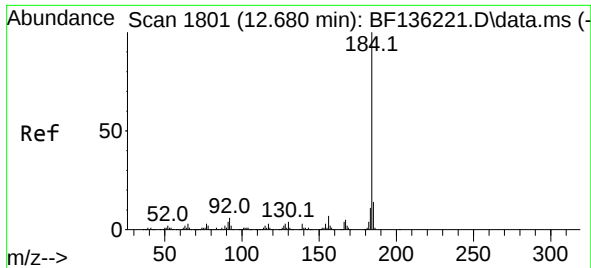
Tgt Ion:	202	Resp:	946528
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	27.8
203	15.3	0.0	34.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:	240	Resp:	235322
Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.4	11.2
236	25.5	21.1	31.7

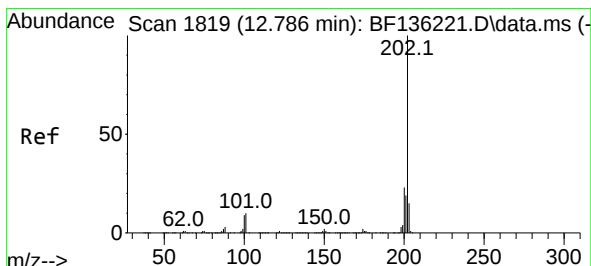
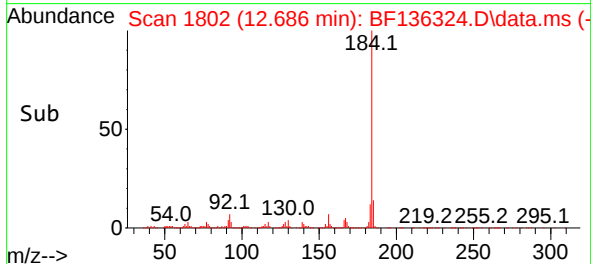
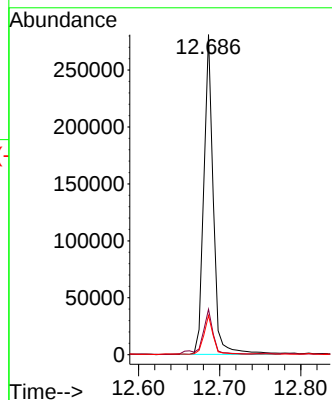
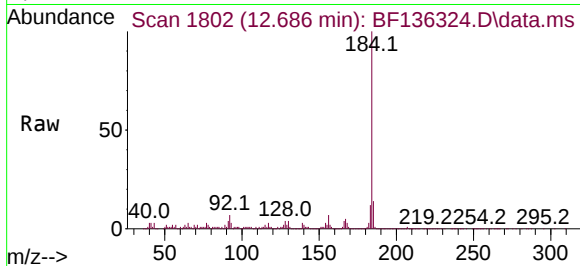




#77
Benzidine
Concen: 58.927 ng
RT: 12.686 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

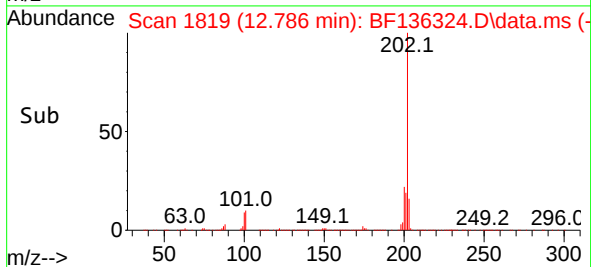
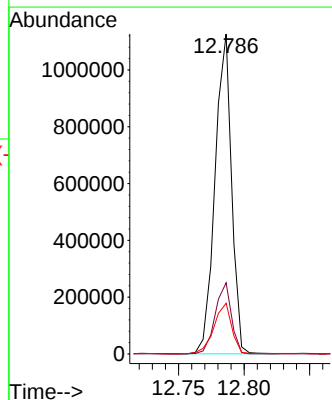
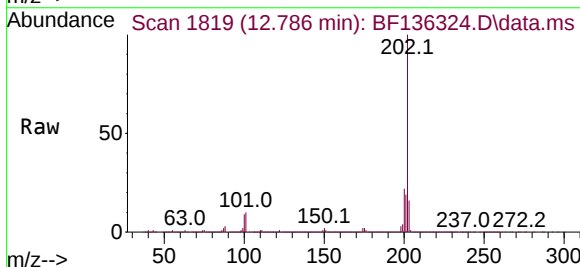
Instrument :
BNA_F
ClientSampleId :

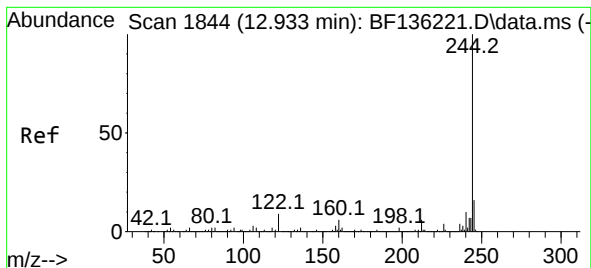
Tgt Ion:184 Resp: 227947
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.6
183 12.3 9.0 13.4



#78
Pyrene
Concen: 38.232 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:202 Resp: 985320
Ion Ratio Lower Upper
202 100
200 22.3 18.4 27.6
203 15.8 11.8 17.6





#79

Terphenyl-d14

Concen: 50.741 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

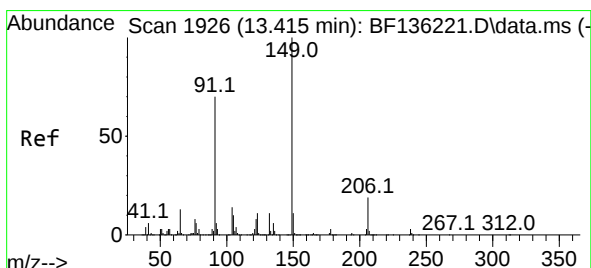
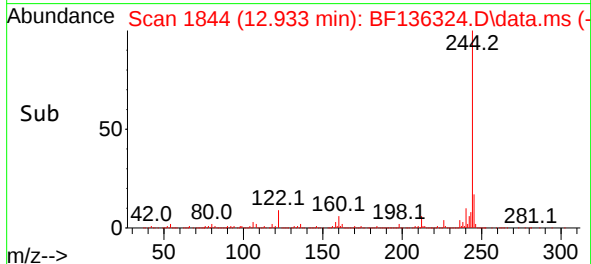
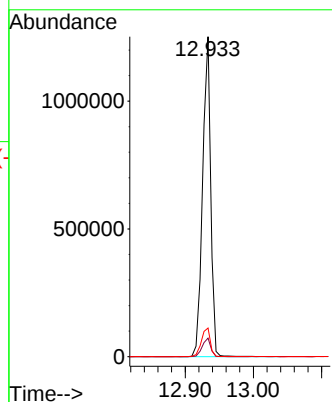
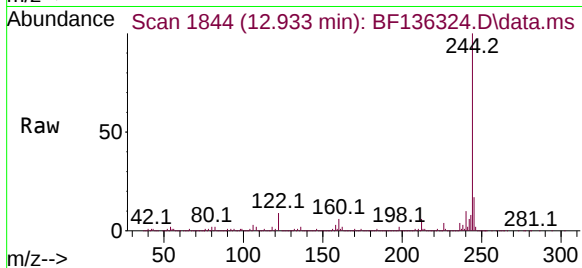
Tgt Ion:244 Resp: 1035165

Ion Ratio Lower Upper

244 100

212 5.8 4.6 7.0

122 9.0 7.3 10.9



#80

Butylbenzylphthalate

Concen: 45.033 ng

RT: 13.416 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

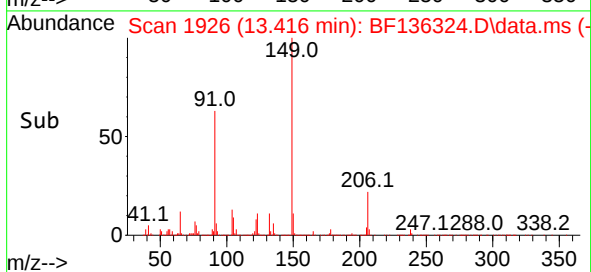
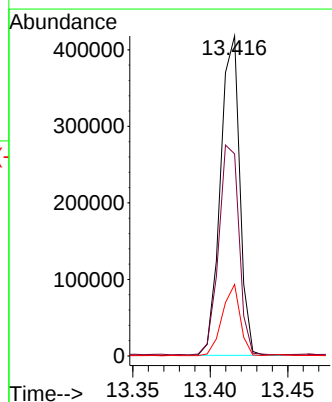
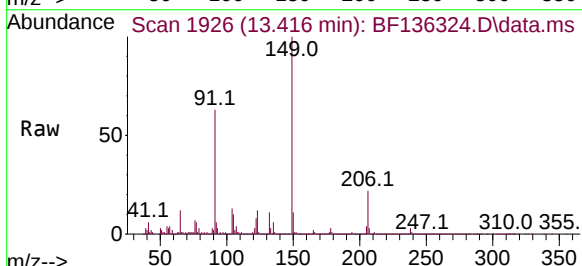
Tgt Ion:149 Resp: 361198

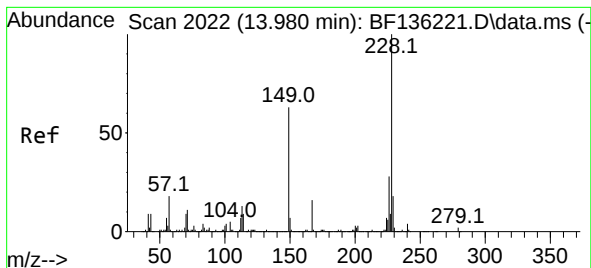
Ion Ratio Lower Upper

149 100

91 63.2 56.4 84.6

206 22.4 14.8 22.2#





#81

Benzo(a)anthracene

Concen: 48.916 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

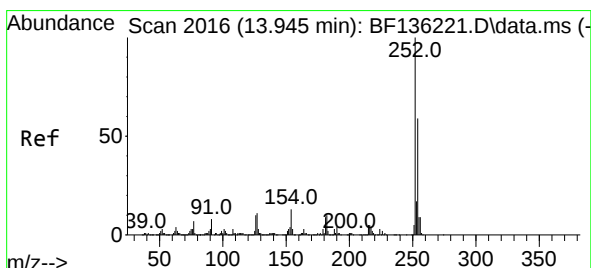
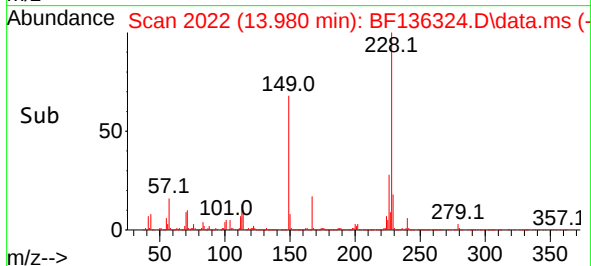
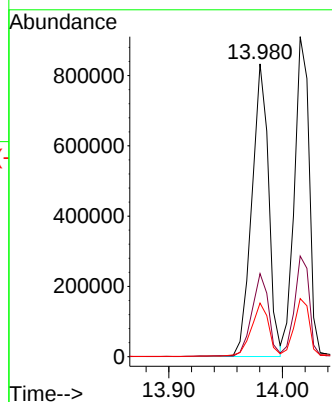
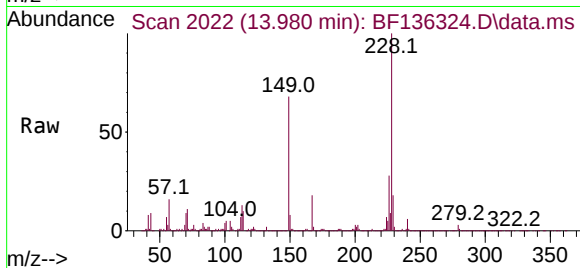
Tgt Ion:228 Resp: 855003

Ion Ratio Lower Upper

228 100

226 28.4 22.6 34.0

229 18.3 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 24.132 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

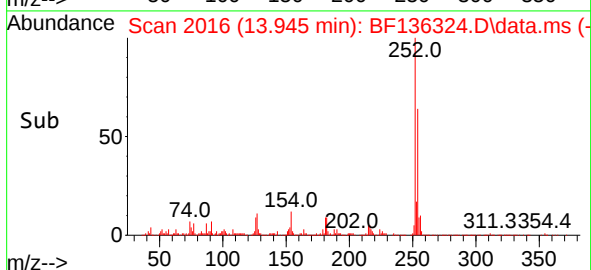
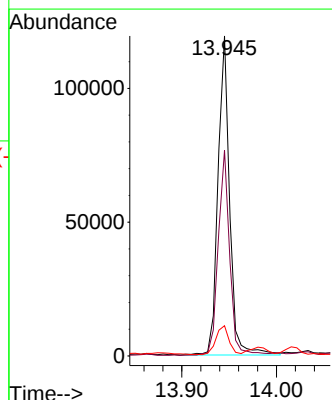
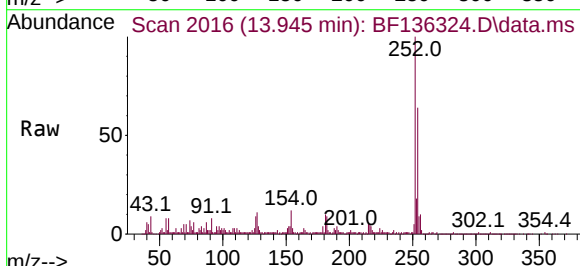
Tgt Ion:252 Resp: 101533

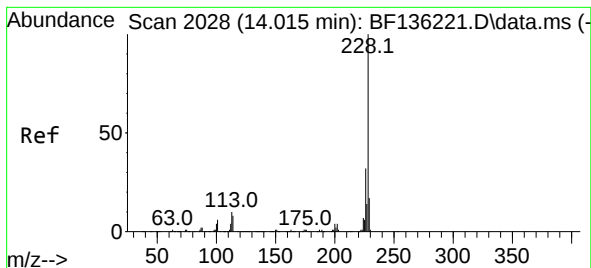
Ion Ratio Lower Upper

252 100

254 64.3 47.4 71.2

126 9.5 8.3 12.5





#83

Chrysene

Concen: 48.560 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

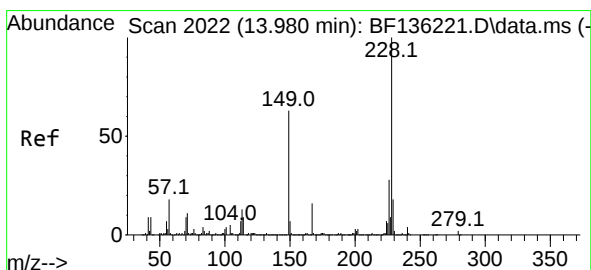
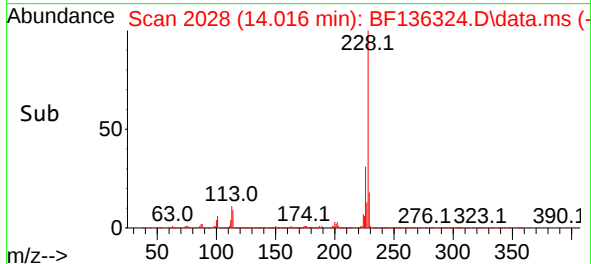
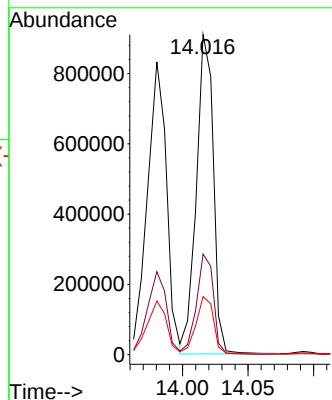
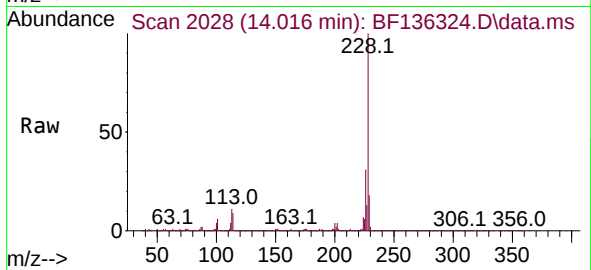
Tgt Ion:228 Resp: 819523

Ion Ratio Lower Upper

228 100

226 31.5 25.5 38.3

229 18.2 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.568 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

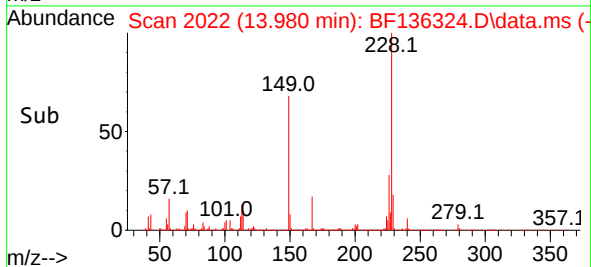
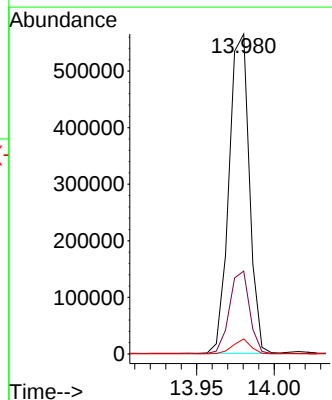
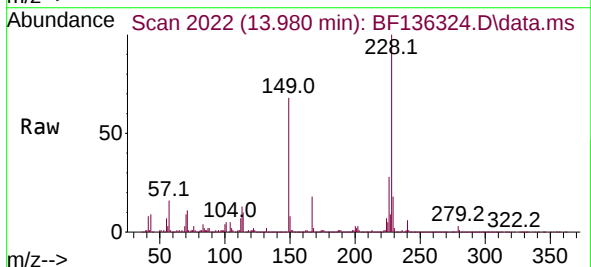
Tgt Ion:149 Resp: 515643

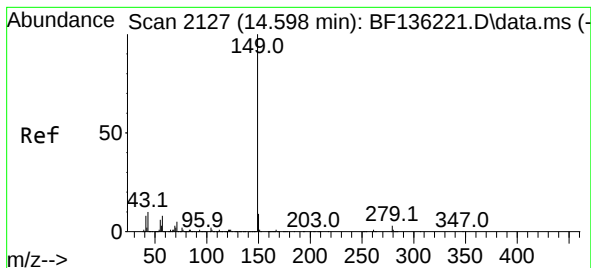
Ion Ratio Lower Upper

149 100

167 25.9 20.2 30.2

279 4.7 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 60.072 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

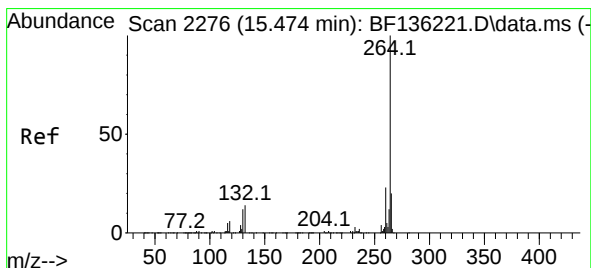
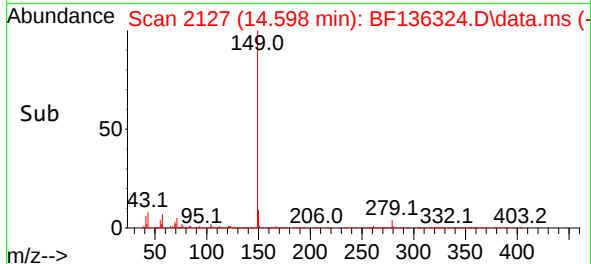
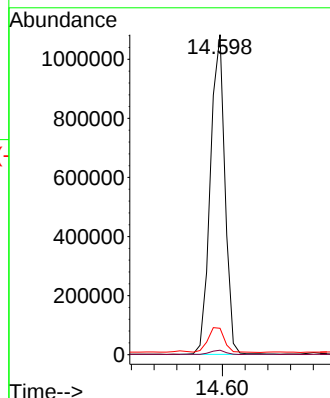
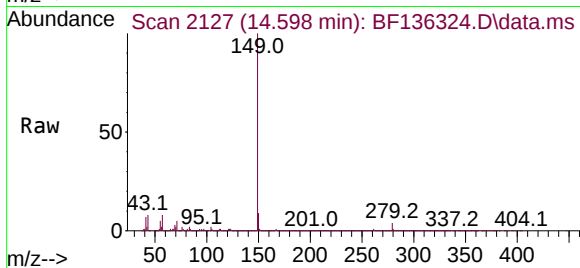
Tgt Ion:149 Resp: 961900

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

43 8.7 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

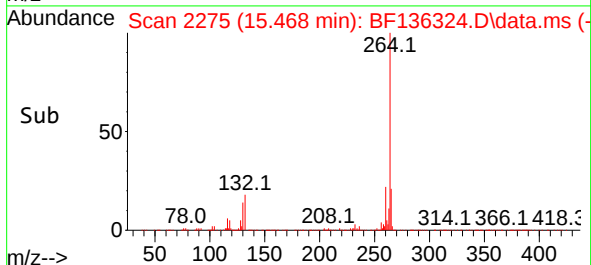
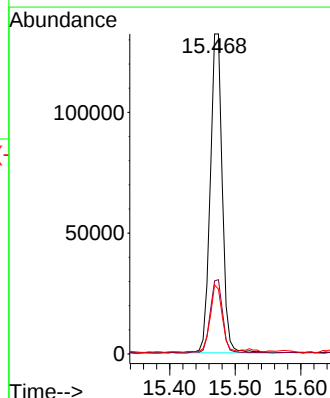
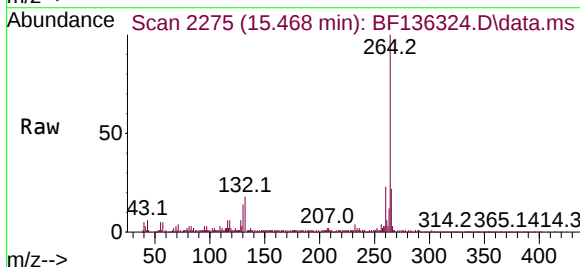
Tgt Ion:264 Resp: 168969

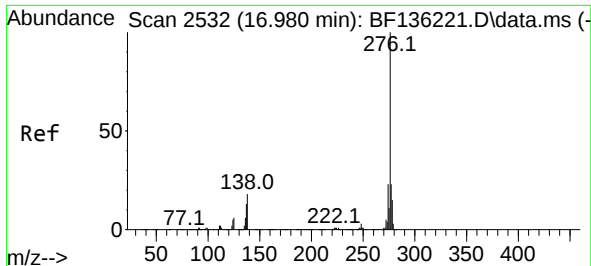
Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.6 15.7 23.5

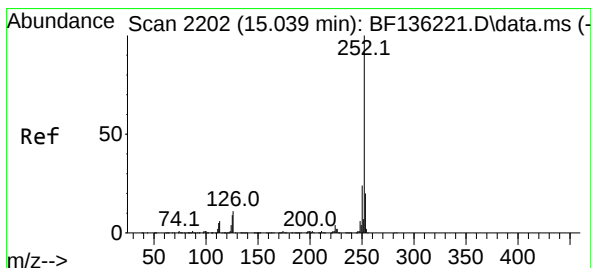
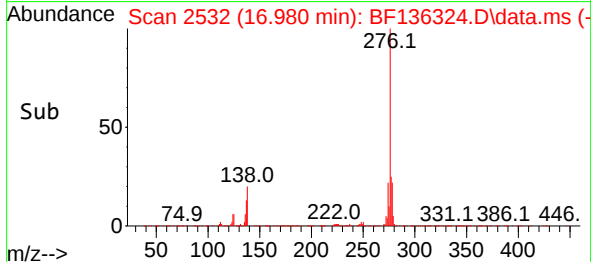
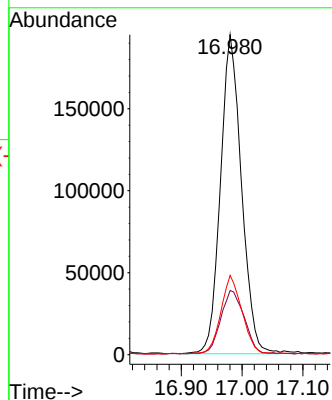
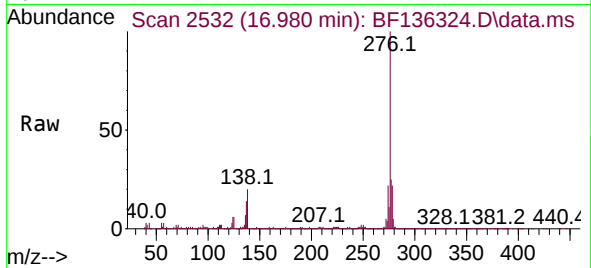




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.553 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

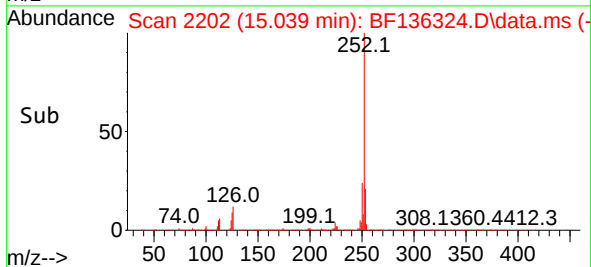
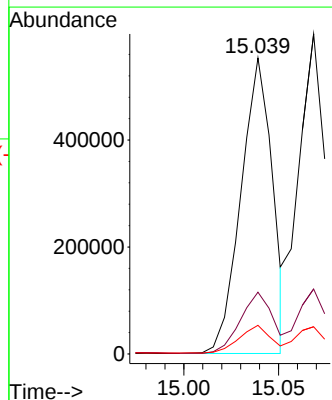
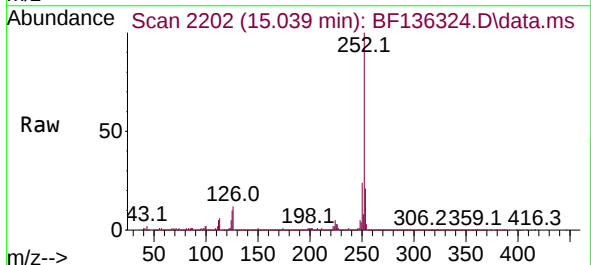
Instrument :
BNA_F
ClientSampleId :

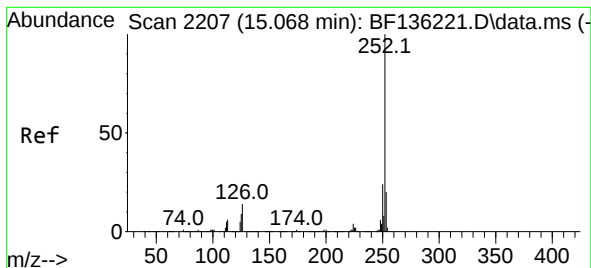
Tgt Ion:276 Resp: 466502
Ion Ratio Lower Upper
276 100
138 22.2 17.7 26.5
277 24.7 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 54.055 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:252 Resp: 640806
Ion Ratio Lower Upper
252 100
253 20.9 16.2 24.2
125 9.7 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 52.073 ng

RT: 15.069 min Scan# 2207

Delta R.T. 0.001 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

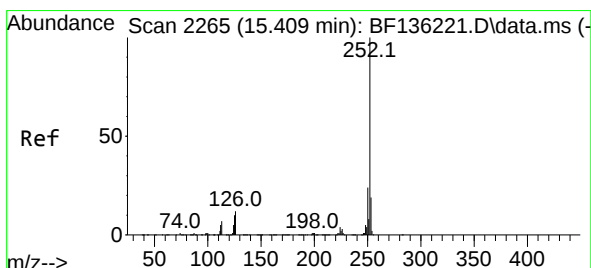
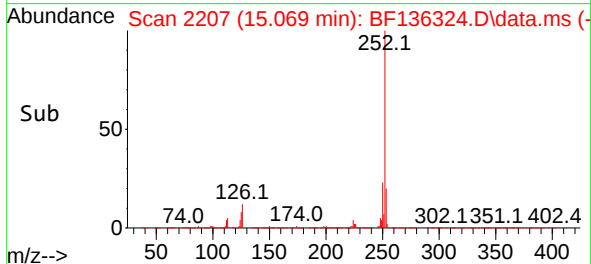
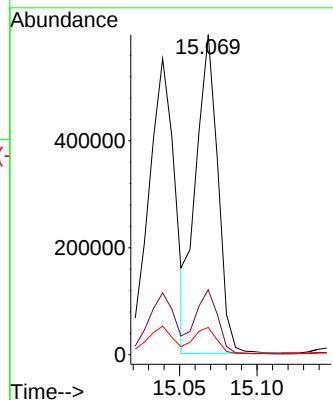
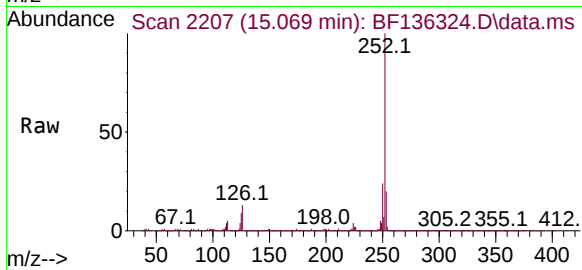
Tgt Ion:252 Resp: 586292

Ion Ratio Lower Upper

252 100

253 20.3 15.6 23.4

125 8.5 7.0 10.4



#90

Benzo(a)pyrene

Concen: 49.955 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.001 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

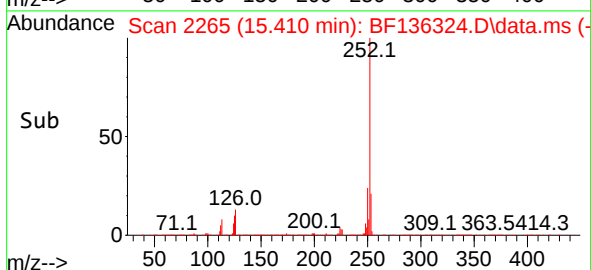
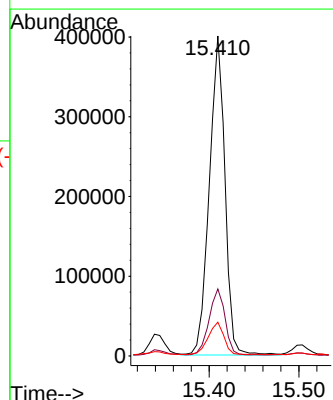
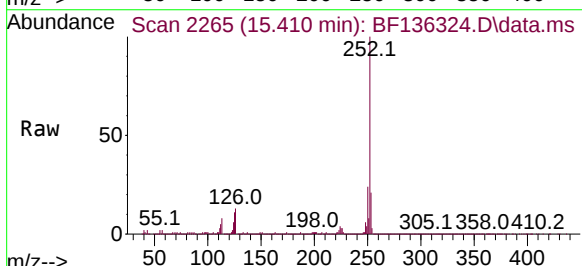
Tgt Ion:252 Resp: 484110

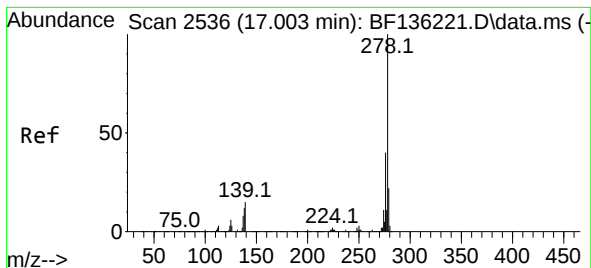
Ion Ratio Lower Upper

252 100

253 20.9 15.5 23.3

125 10.6 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 37.591 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.001 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

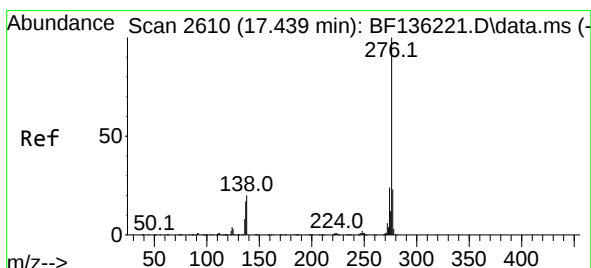
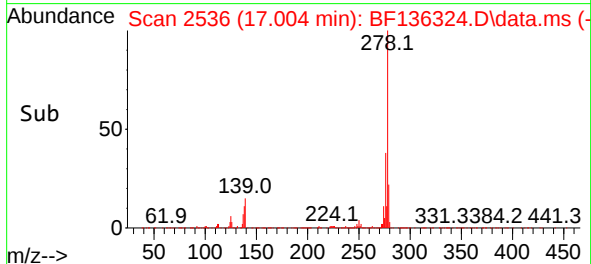
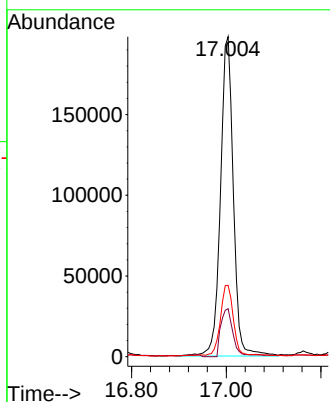
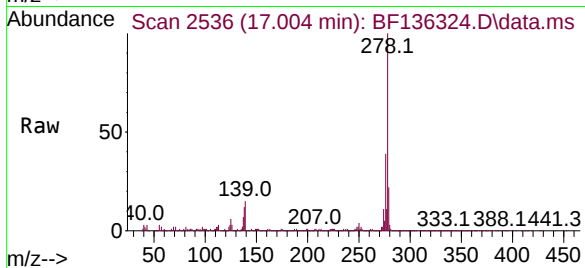
Tgt Ion:278 Resp: 374739

Ion Ratio Lower Upper

278 100

139 15.0 11.7 17.5

279 22.3 17.8 26.8



#92

Benzo(g,h,i)perylene

Concen: 36.525 ng

RT: 17.439 min Scan# 2610

Delta R.T. -0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Tgt Ion:276 Resp: 366718

Ion Ratio Lower Upper

276 100

277 23.2 18.6 27.8

138 19.5 15.8 23.8

