

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136349.D
 Acq On : 01 Dec 2023 21:14
 Operator : CG\JU
 Sample : 05379-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD

Quant Time: Dec 02 00:36:29 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	134017	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	556820	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	254635	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	356127	20.000	ng	0.00
76) Chrysene-d12	13.986	240	228024	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	283324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	786426	81.675	ng	0.01
7) Phenol-d6	6.451	99	1013229	84.159	ng	0.00
23) Nitrobenzene-d5	7.369	82	628606	59.656	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	237032	76.140	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1191688	59.778	ng	0.00
79) Terphenyl-d14	12.927	244	751849	38.033	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	129623	35.579	ng	98
3) Pyridine	3.416	79	310205	34.492	ng	94
4) n-Nitrosodimethylamine	3.387	42	160318	35.265	ng	85
6) Aniline	6.475	93	361551	31.772	ng	95
8) 2-Chlorophenol	6.593	128	429745	40.990	ng	95
9) Benzaldehyde	6.357	77	48976	7.299	ng	96
10) Phenol	6.463	94	515357	39.900	ng	98
11) bis(2-Chloroethyl)ether	6.551	93	381856	40.300	ng	93
12) 1,3-Dichlorobenzene	6.745	146	447630	37.623	ng	98
13) 1,4-Dichlorobenzene	6.828	146	459627	38.001	ng	98
14) 1,2-Dichlorobenzene	6.975	146	434099	37.911	ng	97
15) Benzyl Alcohol	6.951	79	339689	40.242	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	507204	38.537	ng	96
17) 2-Methylphenol	7.063	107	335540	40.709	ng	98
18) Hexachloroethane	7.316	117	161515	38.071	ng	92
19) n-Nitroso-di-n-propyla...	7.222	70	282884	39.286	ng	96
20) 3+4-Methylphenols	7.216	107	411567	38.421	ng	97
22) Acetophenone	7.216	105	587677	40.186	ng	# 95
24) Nitrobenzene	7.392	77	420482	39.377	ng	90
25) Isophorone	7.628	82	770894	40.573	ng	97
26) 2-Nitrophenol	7.704	139	214821	47.216	ng	94
27) 2,4-Dimethylphenol	7.745	122	311993	52.100	ng	93
28) bis(2-Chloroethoxy)met...	7.839	93	482076	41.946	ng	99
29) 2,4-Dichlorophenol	7.945	162	344129	42.604	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	394113	39.853	ng	99
31) Naphthalene	8.110	128	1261313	40.301	ng	99
32) Benzoic acid	7.875	122	253907	46.523	ng	97
33) 4-Chloroaniline	8.157	127	231985	21.806	ng	96
34) Hexachlorobutadiene	8.222	225	223829	38.687	ng	98
35) Caprolactam	8.534	113	80404	35.608	ng	99
36) 4-Chloro-3-methylphenol	8.639	107	340381	38.855	ng	98
37) 2-Methylnaphthalene	8.798	142	772720	39.359	ng	99
38) 1-Methylnaphthalene	8.898	142	742516	38.769	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	372621	45.981	ng	98
41) Hexachlorocyclopentadiene	8.951	237	275607	88.386	ng	98
43) 2,4,6-Trichlorophenol	9.081	196	232085	44.123	ng	94

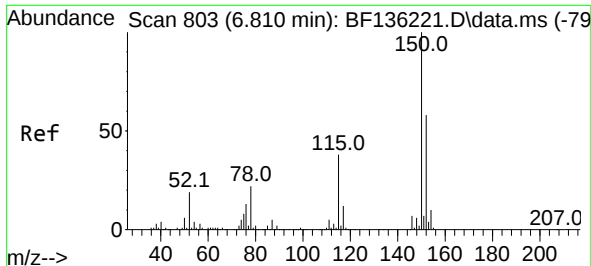
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	239072	41.649	ng	96
46) 1,1'-Biphenyl	9.263	154	1005285	44.769	ng	97
47) 2-Chloronaphthalene	9.286	162	745445	42.748	ng	97
48) 2-Nitroaniline	9.386	65	187846	41.259	ng	87
49) Acenaphthylene	9.704	152	1151548	46.274	ng	99
50) Dimethylphthalate	9.569	163	836081	43.442	ng	98
51) 2,6-Dinitrotoluene	9.633	165	167344	42.562	ng	90
52) Acenaphthene	9.875	154	657329	41.798	ng	95
53) 3-Nitroaniline	9.798	138	123139	31.564	ng	97
54) 2,4-Dinitrophenol	9.910	184	144152	78.831	ng	# 87
55) Dibenzofuran	10.051	168	962363	41.124	ng	99
56) 4-Nitrophenol	9.963	139	196624	66.360	ng	91
57) 2,4-Dinitrotoluene	10.033	165	202553	38.567	ng	# 92
58) Fluorene	10.392	166	714363	38.918	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	181073	39.647	ng	99
60) Diethylphthalate	10.275	149	746707	38.786	ng	96
61) 4-Chlorophenyl-phenyle...	10.386	204	351100	39.387	ng	95
62) 4-Nitroaniline	10.416	138	124137	32.508	ng	94
63) Azobenzene	10.551	77	674931	37.816	ng	94
65) 4,6-Dinitro-2-methylph...	10.445	198	91282	46.872	ng	80
66) n-Nitrosodiphenylamine	10.510	169	591384	51.819	ng	97
67) 4-Bromophenyl-phenylether	10.880	248	209084	50.324	ng	93
68) Hexachlorobenzene	10.939	284	221515	46.066	ng	# 90
69) Atrazine	11.039	200	166211	49.095	ng	100
70) Pentachlorophenol	11.139	266	210247	77.351	ng	97
71) Phenanthrene	11.357	178	940033	46.964	ng	98
72) Anthracene	11.410	178	892249	44.451	ng	99
73) Carbazole	11.569	167	665839	39.002	ng	99
74) Di-n-butylphthalate	11.904	149	905164	42.376	ng	98
75) Fluoranthene	12.551	202	930666	45.801	ng	95
77) Benzidine	12.674	184	161738	43.149	ng	98
78) Pyrene	12.780	202	937354	37.535	ng	98
80) Butylbenzylphthalate	13.410	149	305037	39.248	ng	96
81) Benzo(a)anthracene	13.974	228	853927	50.418	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	225638	55.345	ng	95
83) Chrysene	14.016	228	844007	51.611	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	435486	46.689	ng	# 98
85) Di-n-octyl phthalate	14.592	149	858347	55.729	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	791032	37.946	ng	99
88) Benzo(b)fluoranthene	15.039	252	1028272	51.730	ng	99
89) Benzo(k)fluoranthene	15.068	252	850720	45.062	ng	98
90) Benzo(a)pyrene	15.410	252	855620	52.655	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	573218	34.531	ng	97
92) Benzo(g,h,i)perylene	17.439	276	576438	34.359	ng	98

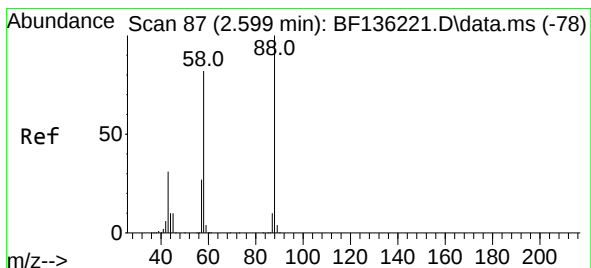
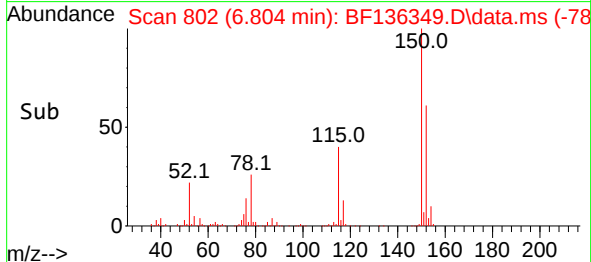
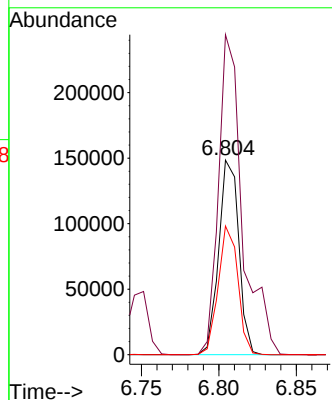
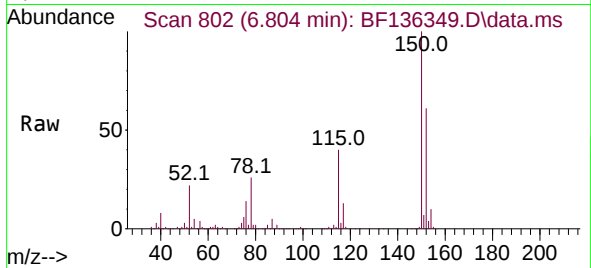
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

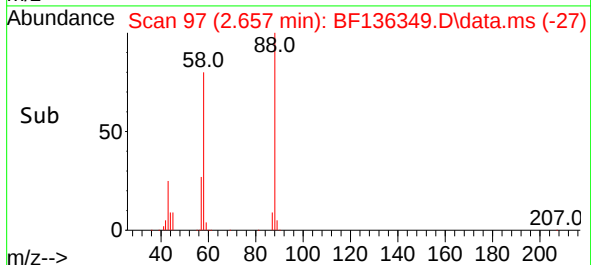
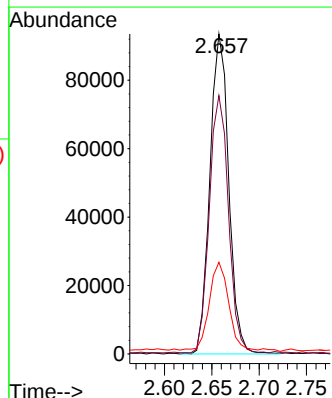
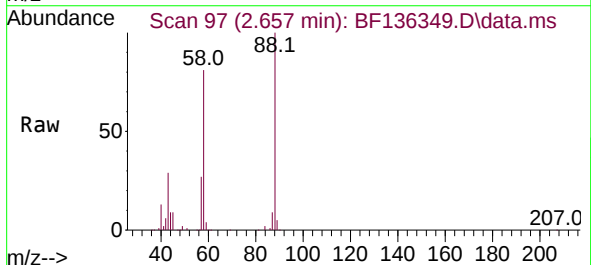
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

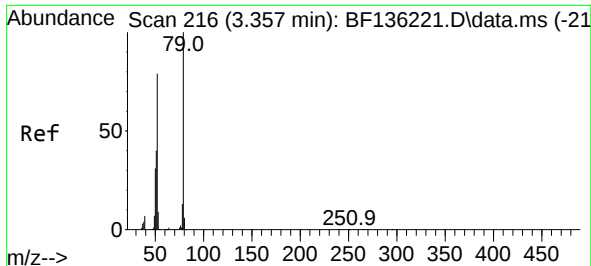
Tgt Ion:152 Resp: 134017
Ion Ratio Lower Upper
152 100
150 164.5 137.8 206.8
115 66.2 52.7 79.1



#2
1,4-Dioxane
Concen: 35.579 ng
RT: 2.657 min Scan# 97
Delta R.T. 0.059 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion: 88 Resp: 129623
Ion Ratio Lower Upper
88 100
58 81.5 65.9 98.9
43 27.9 24.8 37.2

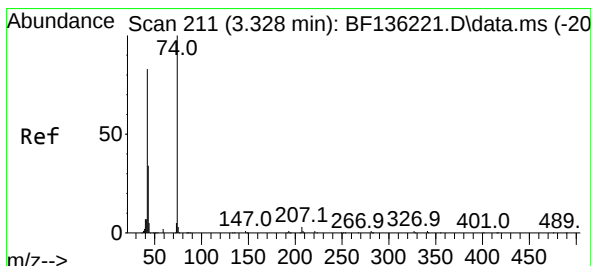
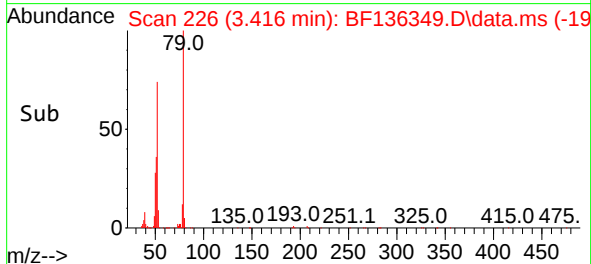
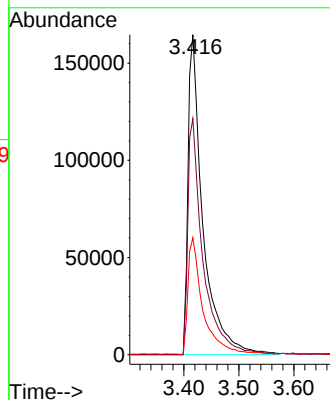
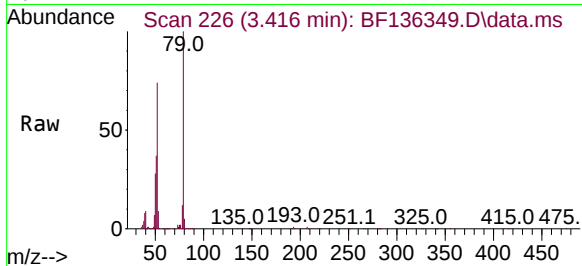




#3
Pyridine
Concen: 34.492 ng
RT: 3.416 min Scan# 216
Delta R.T. 0.059 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

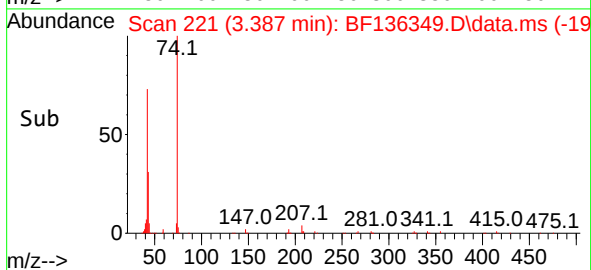
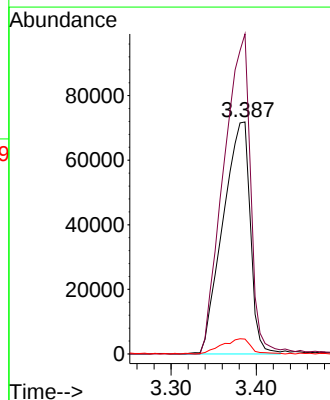
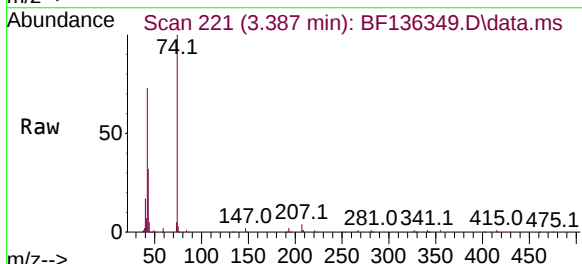
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

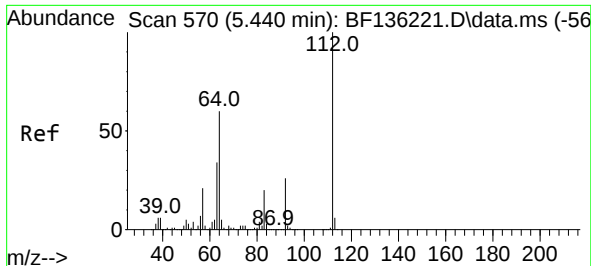
Tgt Ion: 79 Resp: 310205
Ion Ratio Lower Upper
79 100
52 73.8 63.2 94.8
51 36.6 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 35.265 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.059 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion: 42 Resp: 160318
Ion Ratio Lower Upper
42 100
74 137.9 96.6 144.8
44 6.4 5.4 8.2

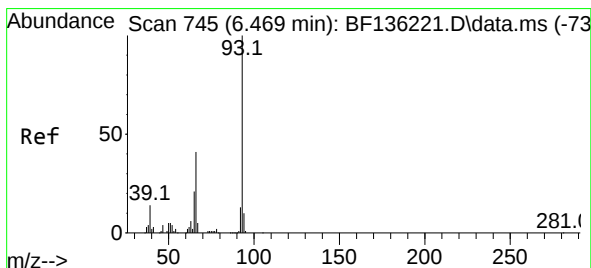
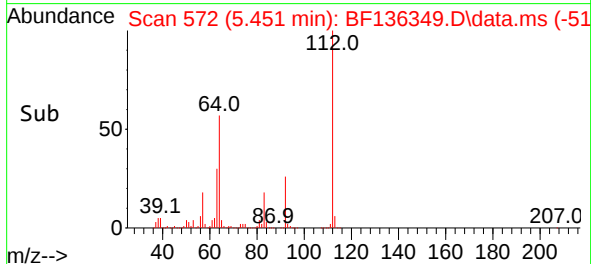
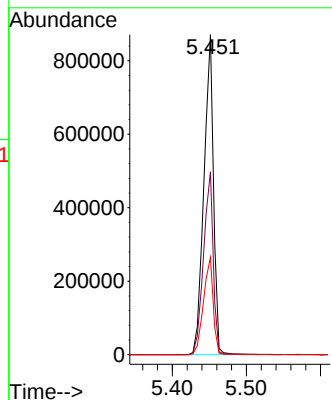
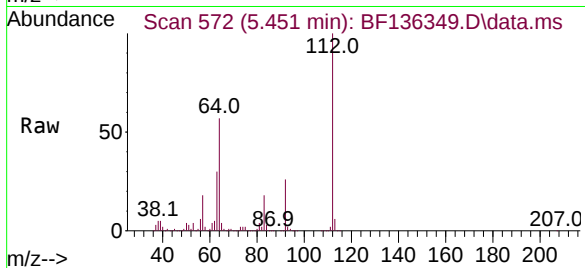




#5
2-Fluorophenol
Concen: 81.675 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

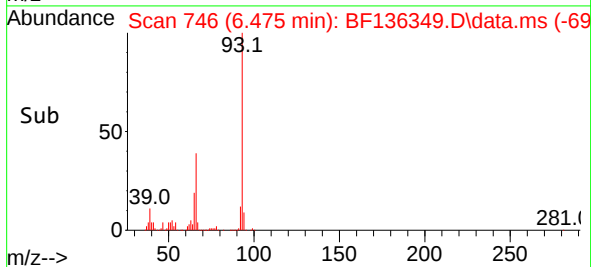
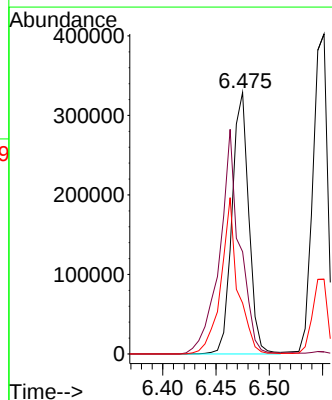
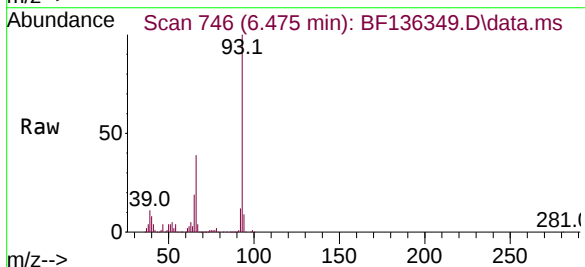
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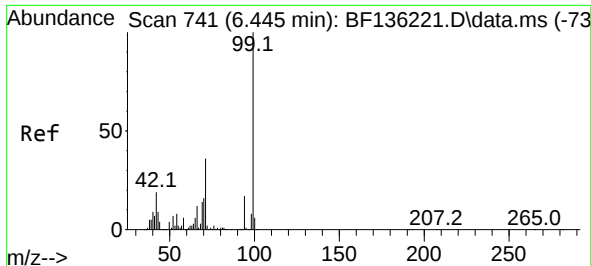
Tgt Ion:112 Resp: 786426
Ion Ratio Lower Upper
112 100
64 57.1 48.2 72.4
63 30.4 27.0 40.6



#6
Aniline
Concen: 31.772 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion: 93 Resp: 361551
Ion Ratio Lower Upper
93 100
66 39.1 34.1 51.1
65 19.4 17.3 25.9





#7

Phenol-d6

Concen: 84.159 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

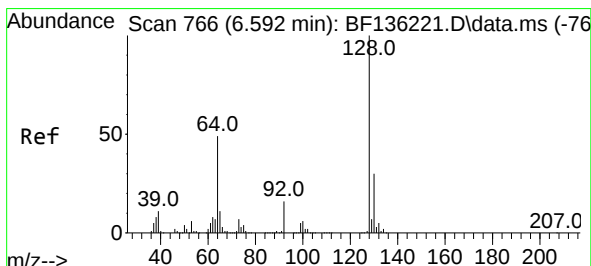
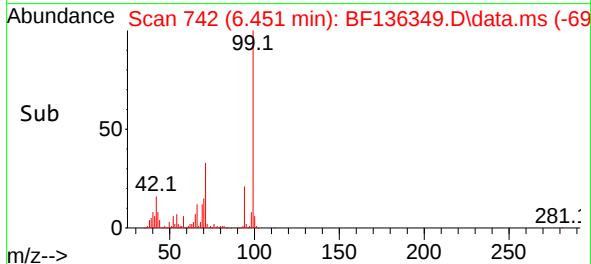
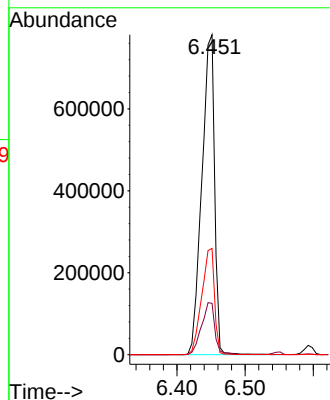
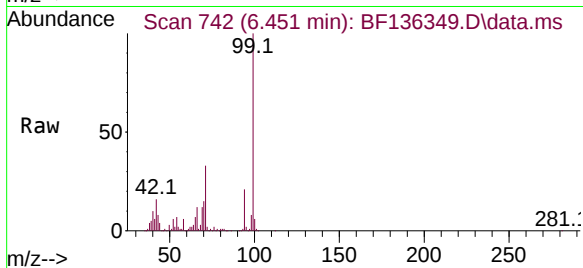
BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion: 99 Resp: 1013229

Ion	Ratio	Lower	Upper
99	100		
42	16.1	15.0	22.6
71	33.2	28.9	43.3



#8

2-Chlorophenol

Concen: 40.990 ng

RT: 6.593 min Scan# 766

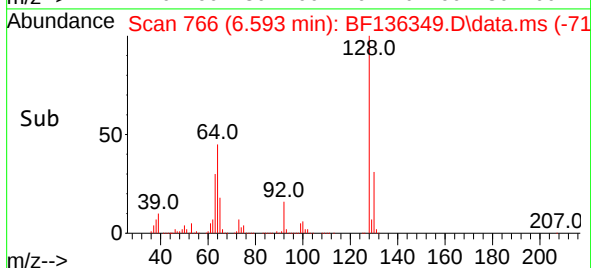
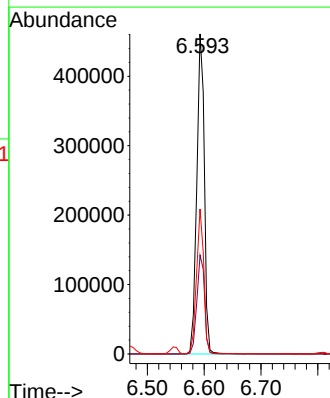
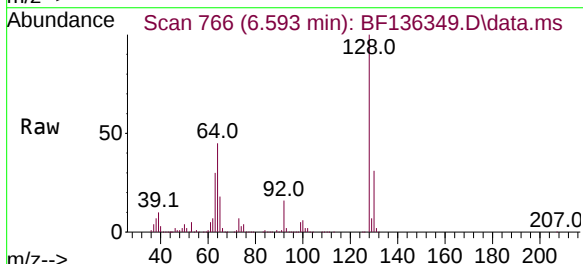
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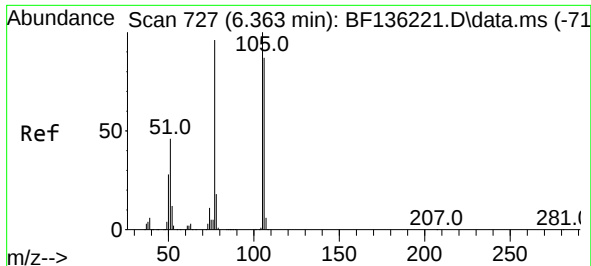
Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Tgt Ion:128 Resp: 429745

Ion	Ratio	Lower	Upper
128	100		
130	30.8	10.3	50.3
64	45.3	30.0	70.0

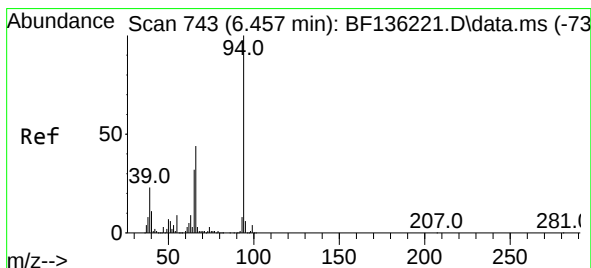
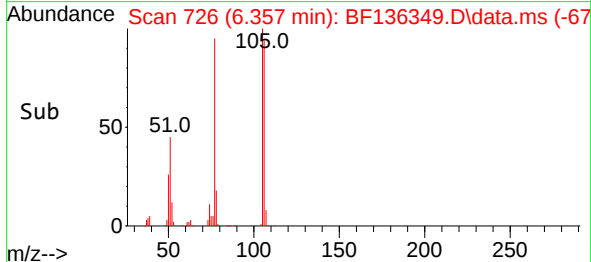
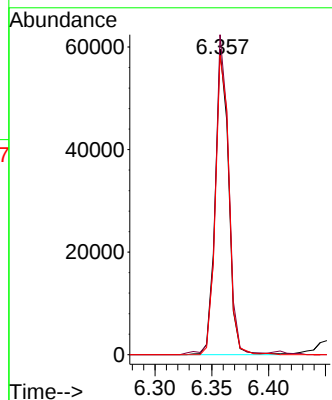
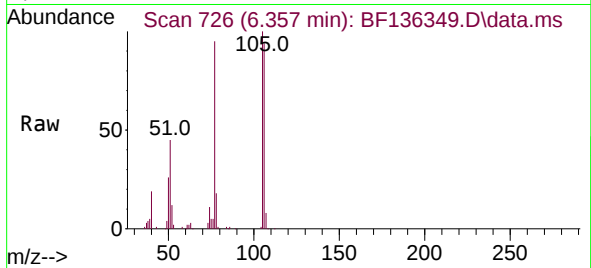




#9
Benzaldehyde
Concen: 7.299 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

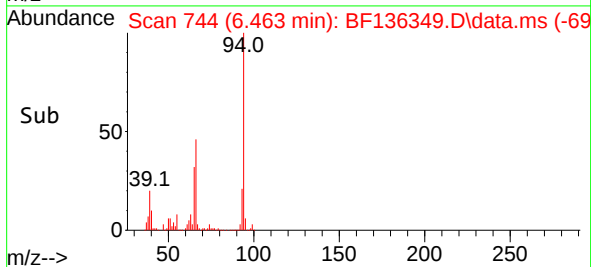
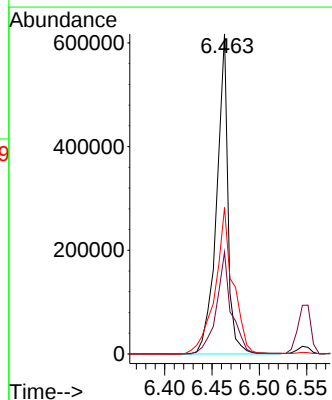
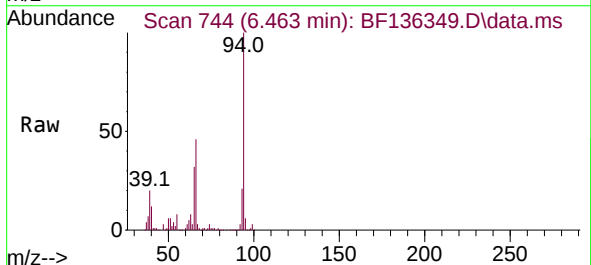
Instrument :
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ClientSampleId :
WC-5MSD

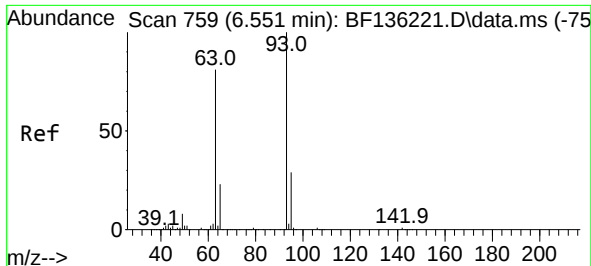
Tgt Ion: 77 Resp: 48976
Ion Ratio Lower Upper
77 100
105 104.7 84.3 124.3
106 98.0 71.0 111.0



#10
Phenol
Concen: 39.900 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion: 94 Resp: 515357
Ion Ratio Lower Upper
94 100
65 31.8 12.5 52.5
66 45.8 24.1 64.1

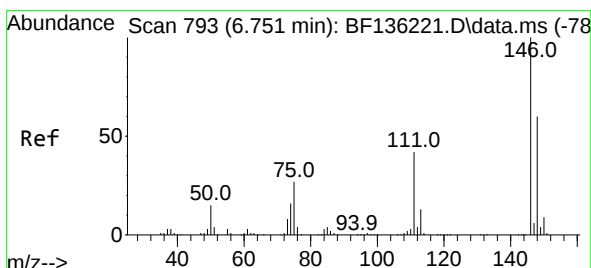
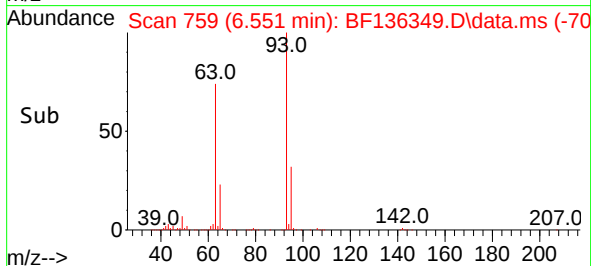
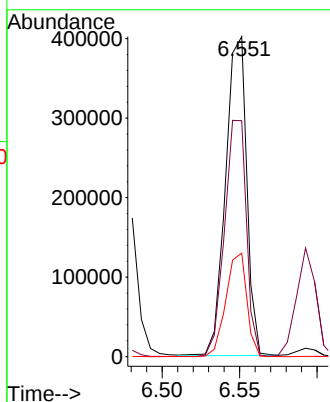
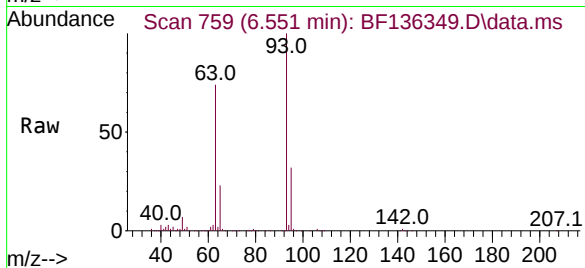




#11
bis(2-Chloroethyl)ether
Concen: 40.300 ng
RT: 6.551 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

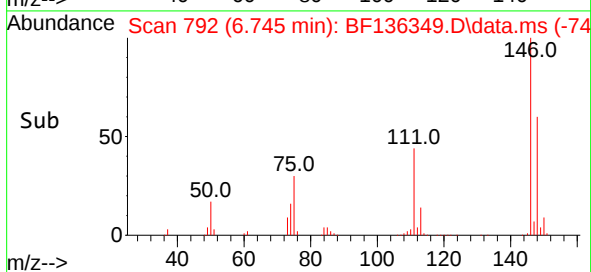
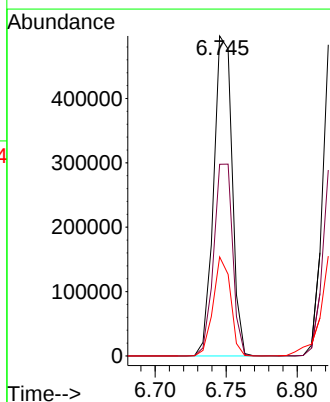
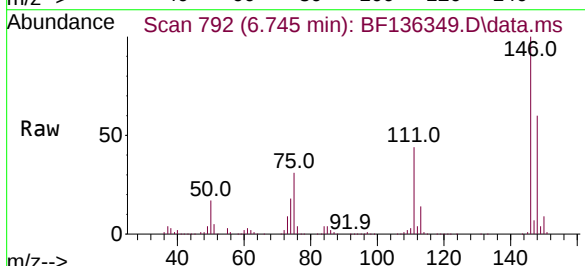
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

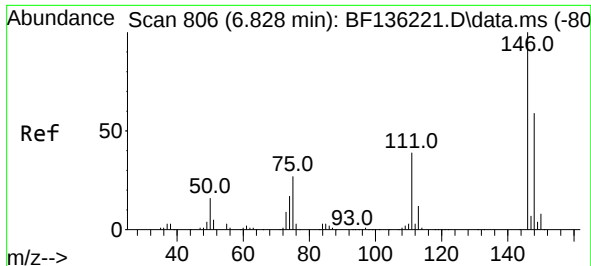
Tgt Ion: 93 Resp: 381856
Ion Ratio Lower Upper
93 100
63 73.7 60.2 100.2
95 32.3 9.1 49.1



#12
1,3-Dichlorobenzene
Concen: 37.623 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:146 Resp: 447630
Ion Ratio Lower Upper
146 100
148 59.9 47.8 71.6
75 31.0 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 38.001 ng

RT: 6.828 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

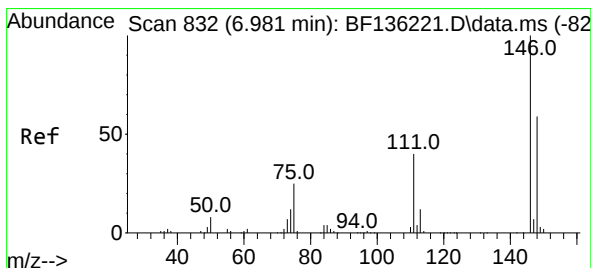
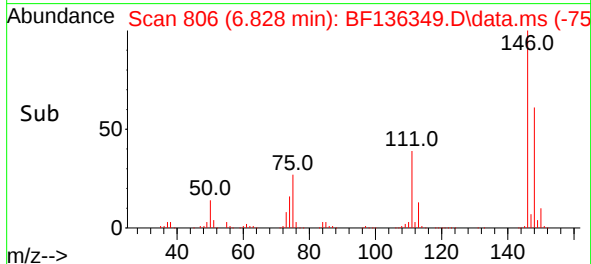
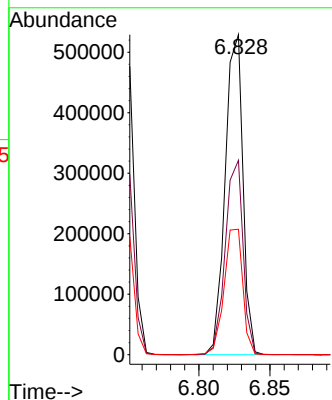
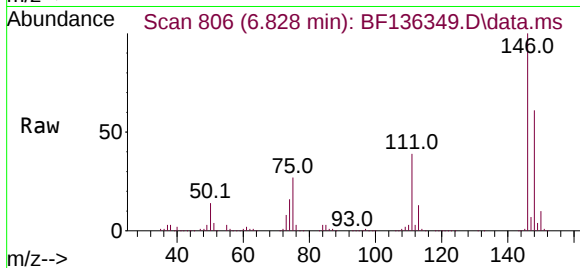
Tgt Ion:146 Resp: 459627

Ion Ratio Lower Upper

146 100

148 60.8 47.0 70.6

111 39.2 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 37.911 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

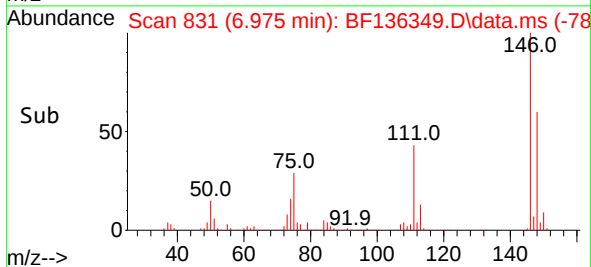
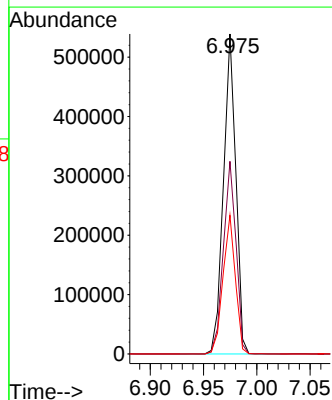
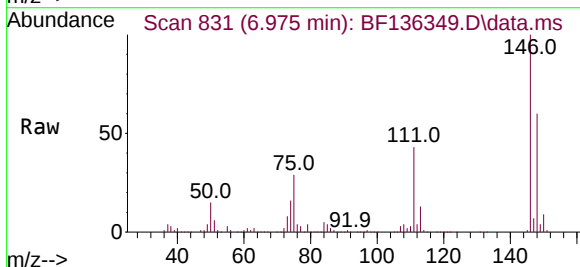
Tgt Ion:146 Resp: 434099

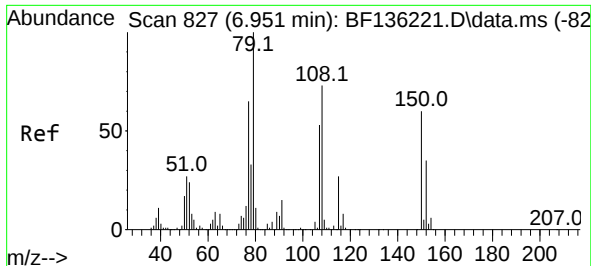
Ion Ratio Lower Upper

146 100

148 60.2 47.3 70.9

111 43.4 32.4 48.6

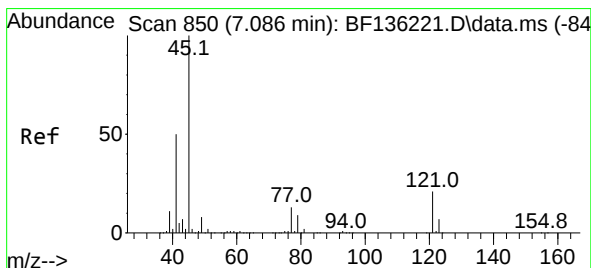
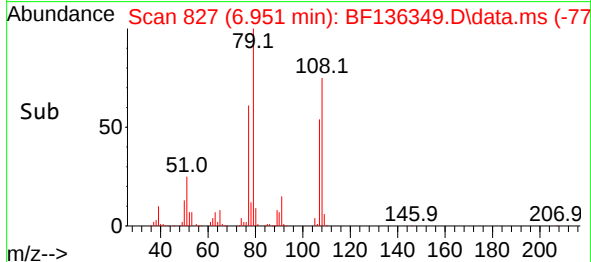
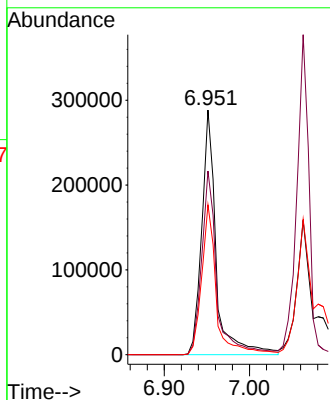
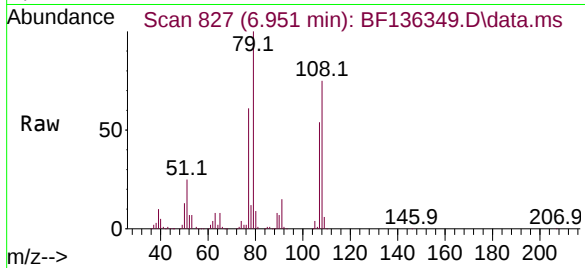




#15
Benzyl Alcohol
Concen: 40.242 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

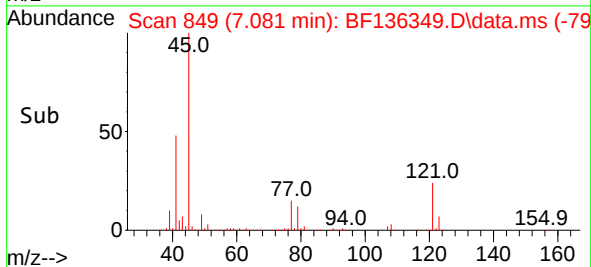
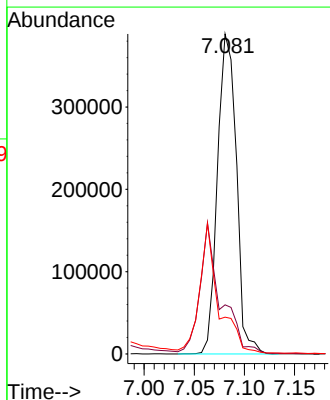
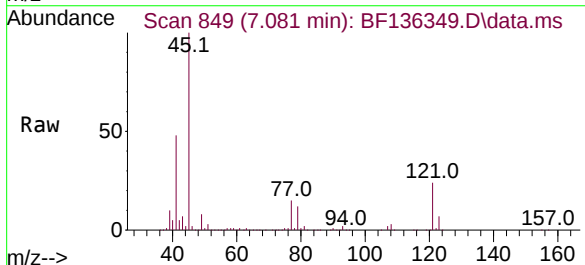
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

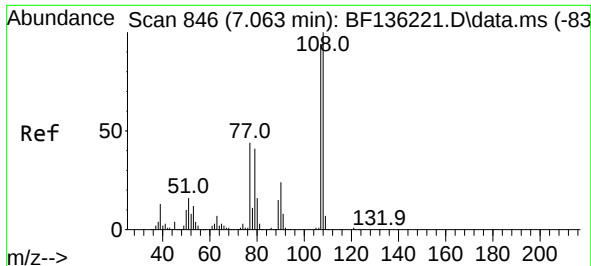
Tgt Ion: 79 Resp: 339689
Ion Ratio Lower Upper
79 100
108 75.1 58.1 87.1
77 61.3 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.537 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion: 45 Resp: 507204
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.0
79 11.5 0.0 30.1

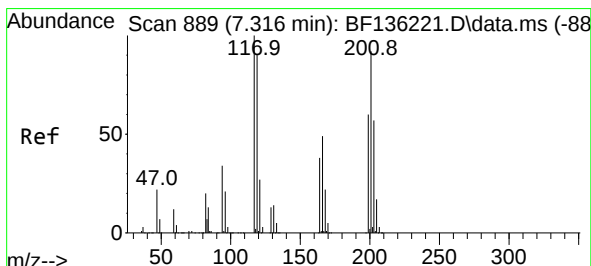
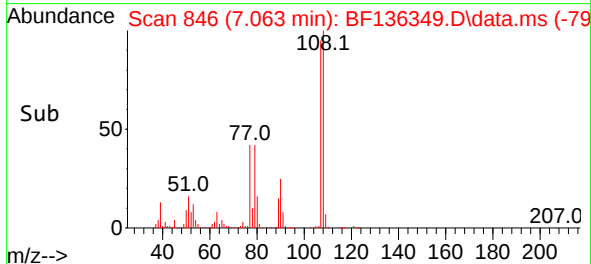
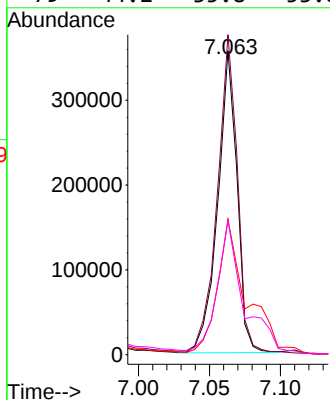
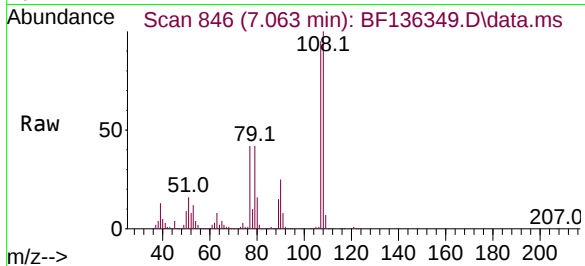




#17
2-Methylphenol
Concen: 40.709 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

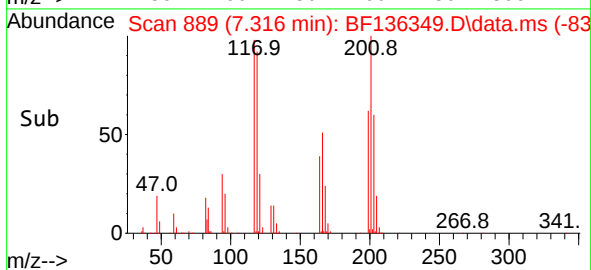
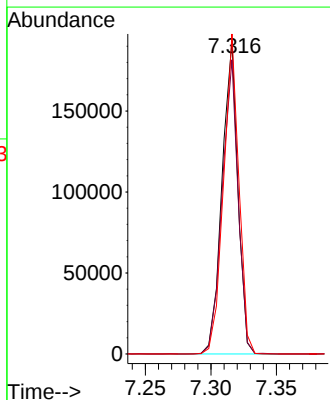
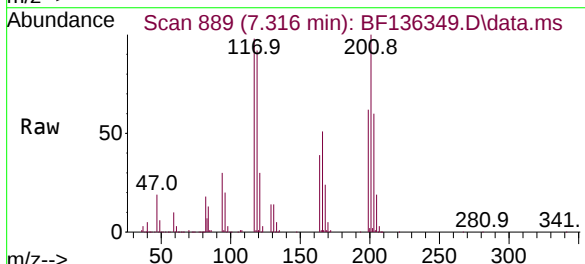
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

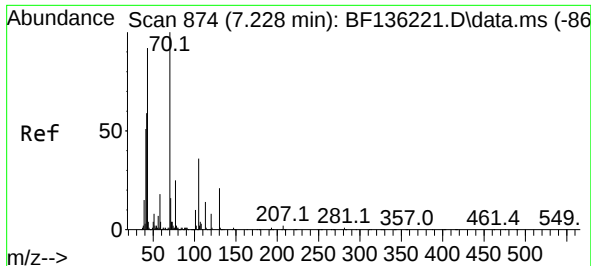
Tgt Ion:	107	Resp:	335540
Ion	Ratio	Lower	Upper
107	100		
108	105.3	85.4	128.0
77	44.5	37.4	56.2
79	44.2	35.8	53.8



#18
Hexachloroethane
Concen: 38.071 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:	117	Resp:	161515
Ion	Ratio	Lower	Upper
117	100		
119	93.9	71.6	107.4
201	102.1	73.4	110.2

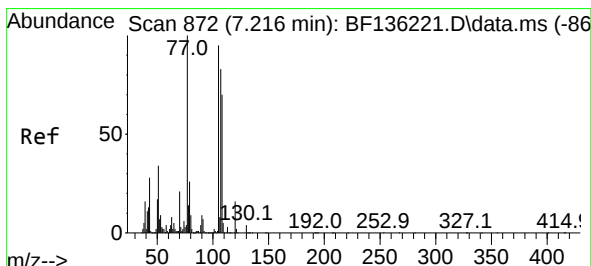
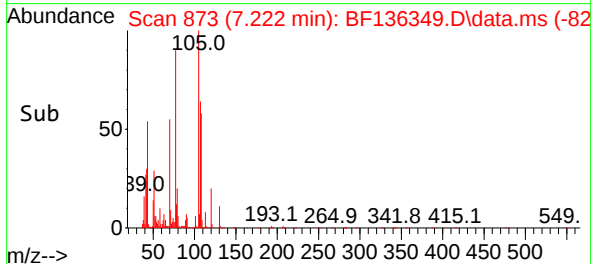
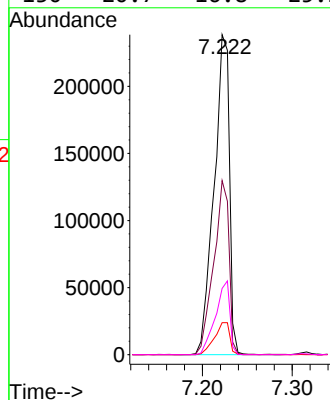
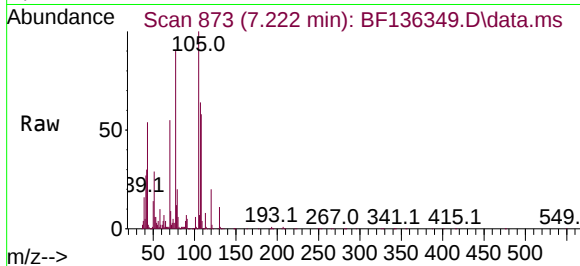




#19
n-Nitroso-di-n-propylamine
Concen: 39.286 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

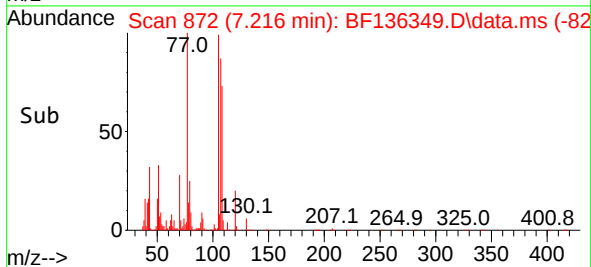
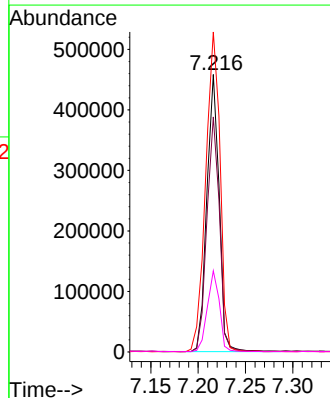
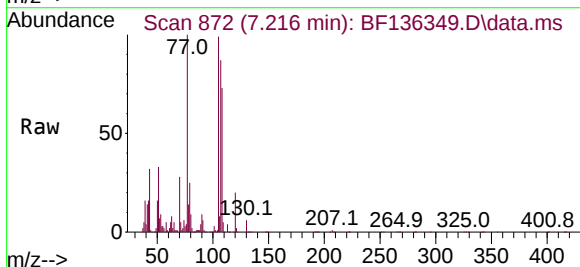
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

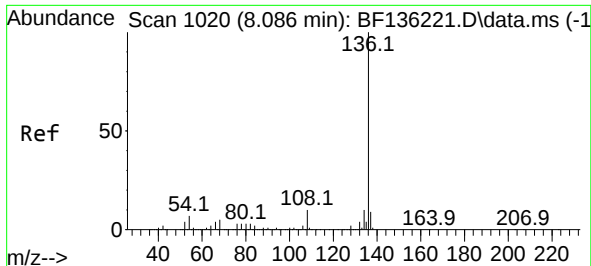
Tgt Ion: 70 Resp: 282884
Ion Ratio Lower Upper
70 100
42 54.4 47.0 70.4
101 10.0 7.8 11.8
130 20.7 16.8 25.2



#20
3+4-Methylphenols
Concen: 38.421 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion: 107 Resp: 411567
Ion Ratio Lower Upper
107 100
108 84.7 63.9 103.9
77 115.3 100.2 140.2
79 29.3 11.1 51.1



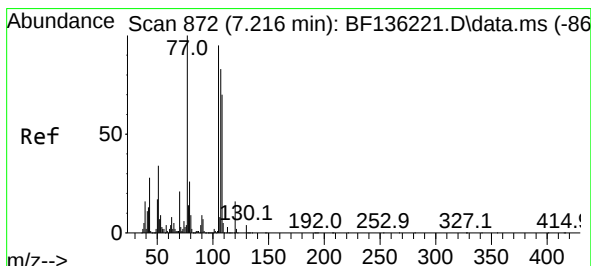
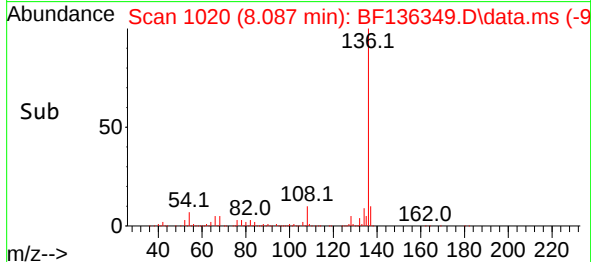
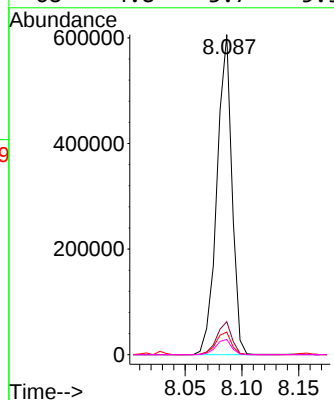
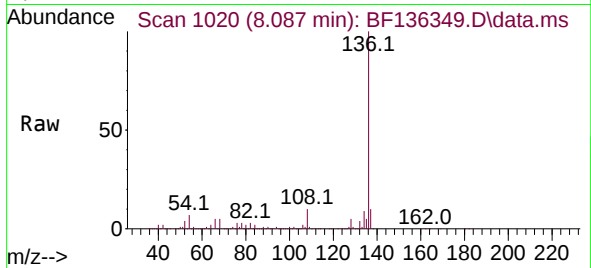


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion:136 Resp: 556820

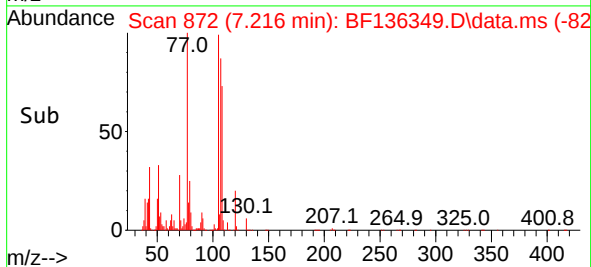
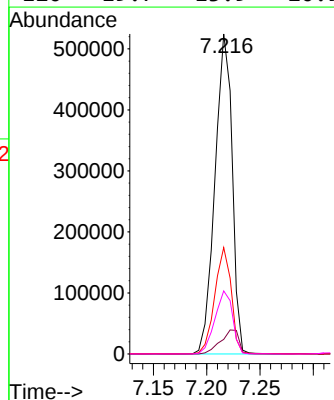
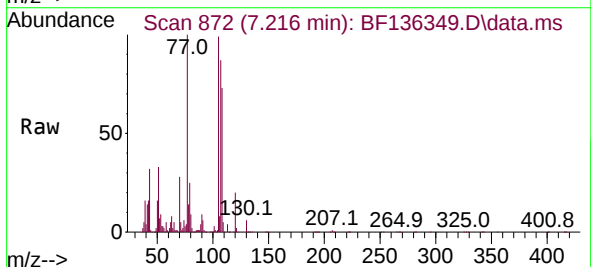
Ion	Ratio	Lower	Upper
136	100		
137	10.3	7.4	11.2
54	7.1	5.5	8.3
68	4.8	3.7	5.5

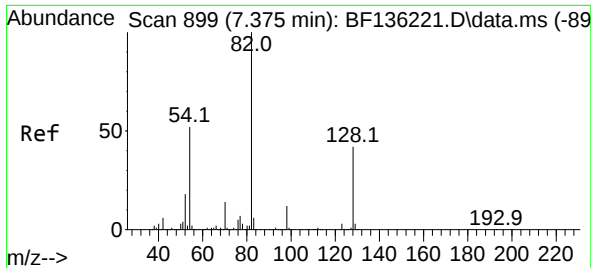


#22
Acetophenone
Concen: 40.186 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:105 Resp: 587677

Ion	Ratio	Lower	Upper
105	100		
71	4.6	2.8	4.2#
51	33.2	29.0	43.6
120	19.7	13.9	20.9





#23

Nitrobenzene-d5

Concen: 59.656 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

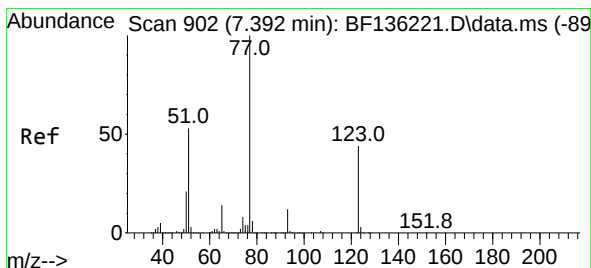
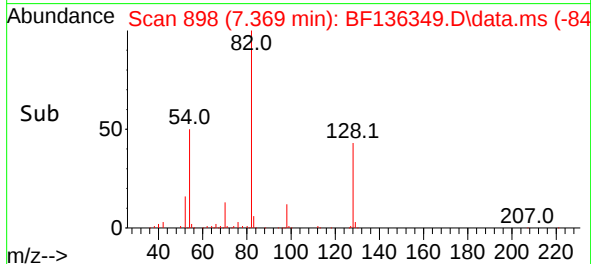
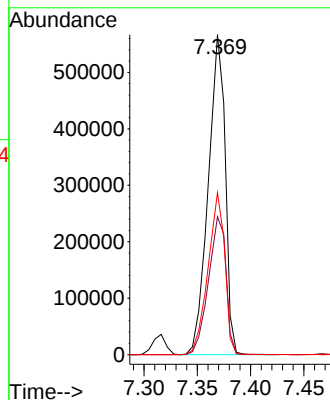
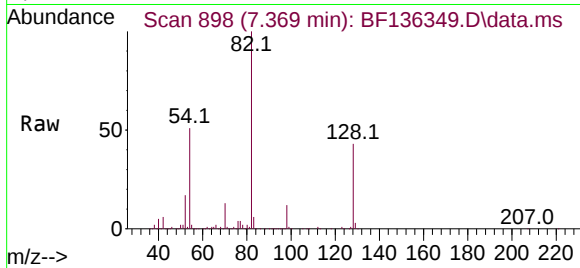
Tgt Ion: 82 Resp: 628606

Ion Ratio Lower Upper

82 100

128 43.1 33.4 50.2

54 50.7 41.7 62.5



#24

Nitrobenzene

Concen: 39.377 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

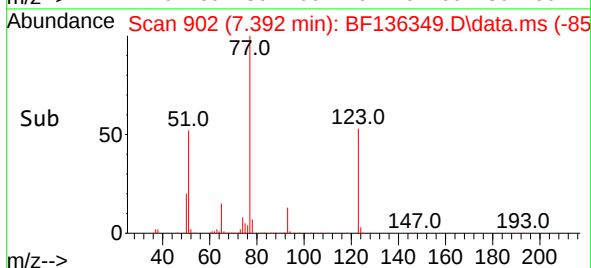
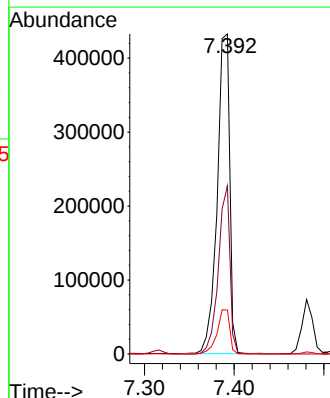
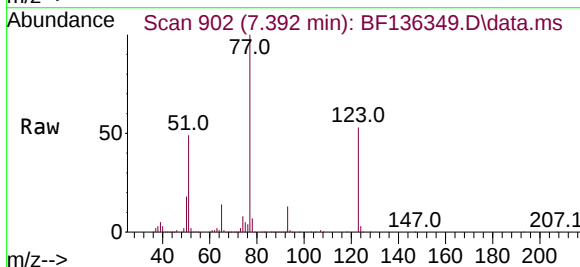
Tgt Ion: 77 Resp: 420482

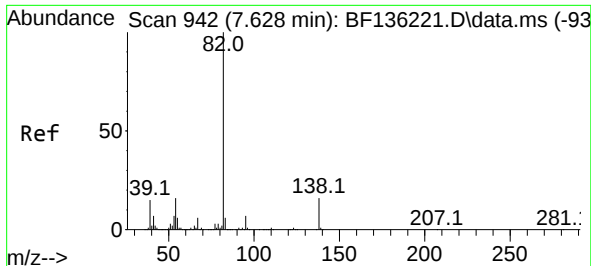
Ion Ratio Lower Upper

77 100

123 52.6 35.4 53.2

65 13.8 11.0 16.6

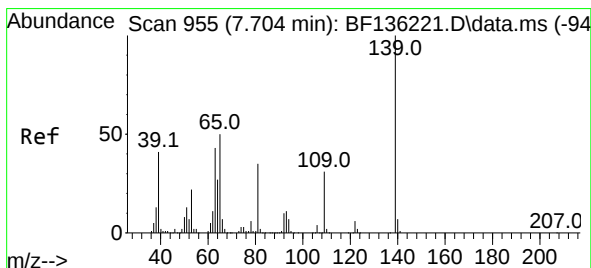
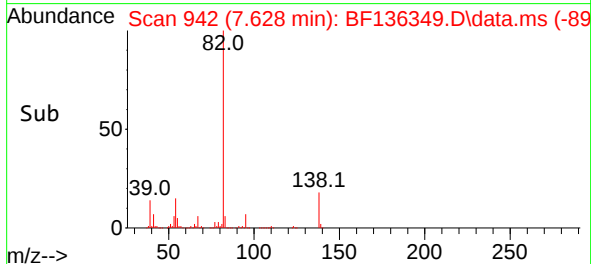
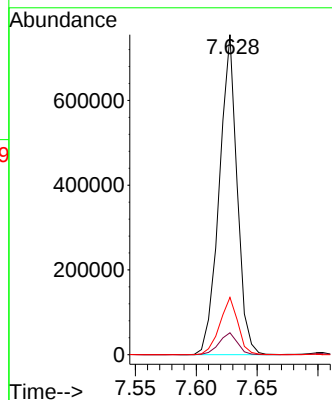
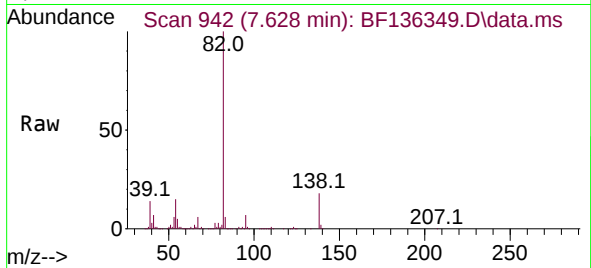




#25
Isophorone
Concen: 40.573 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

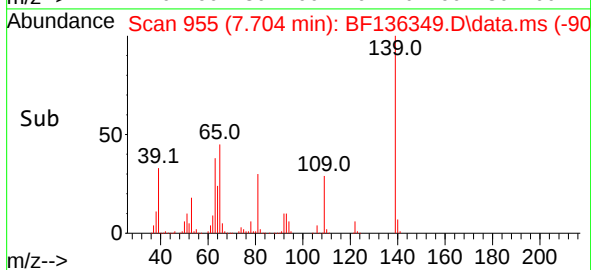
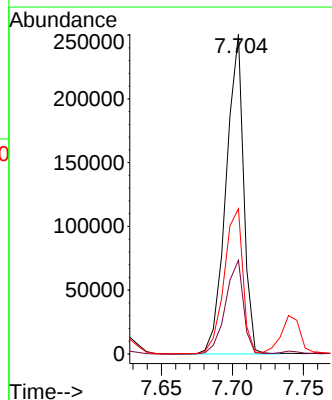
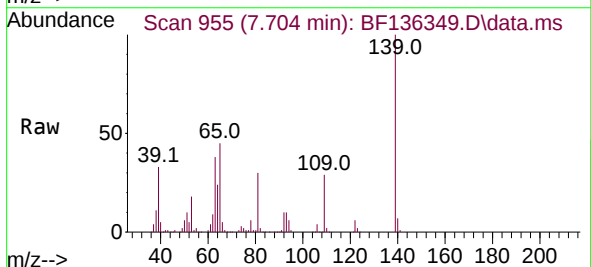
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

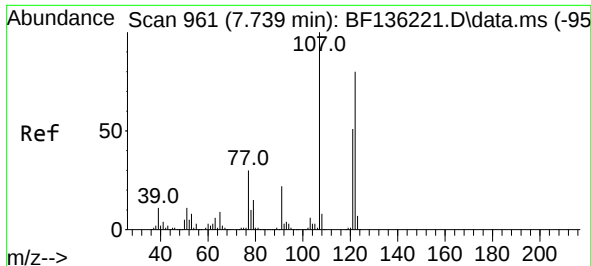
Tgt Ion: 82 Resp: 770894
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.9 12.8 19.2



#26
2-Nitrophenol
Concen: 47.216 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion: 139 Resp: 214821
Ion Ratio Lower Upper
139 100
109 29.3 25.0 37.6
65 45.4 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 52.100 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

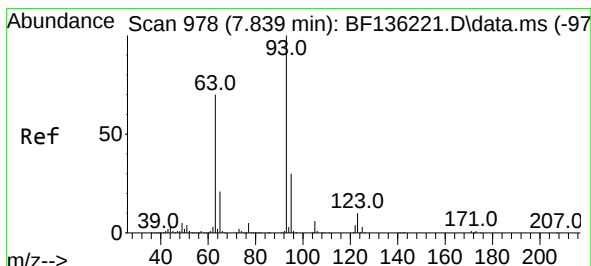
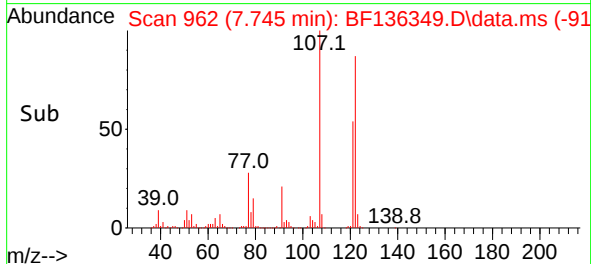
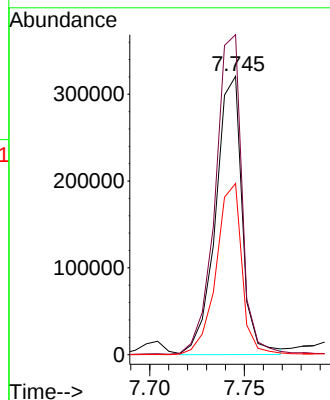
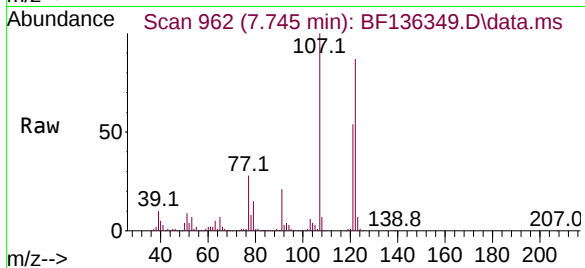
Tgt Ion:122 Resp: 311993

Ion Ratio Lower Upper

122 100

107 115.0 100.0 150.0

121 61.5 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.946 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

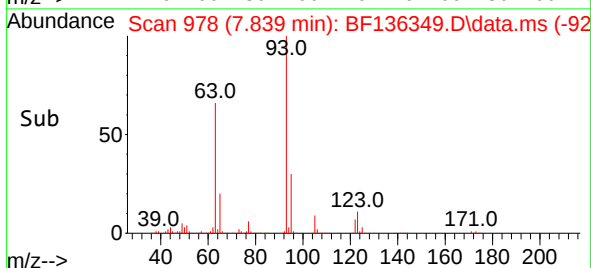
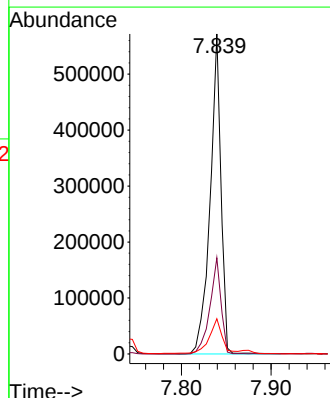
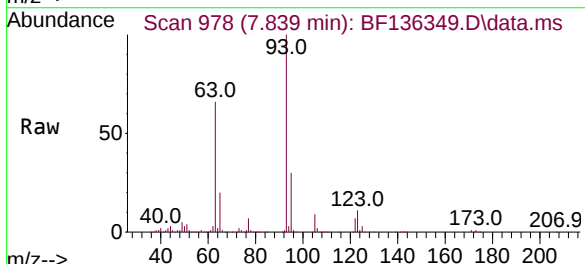
Tgt Ion: 93 Resp: 482076

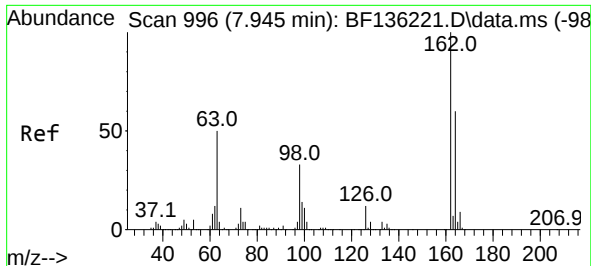
Ion Ratio Lower Upper

93 100

95 30.1 23.8 35.6

123 11.0 8.2 12.4

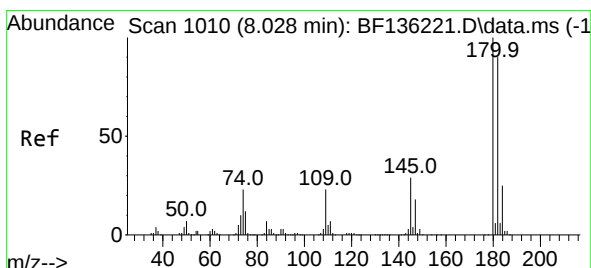
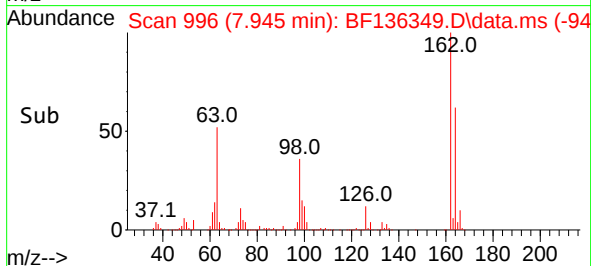
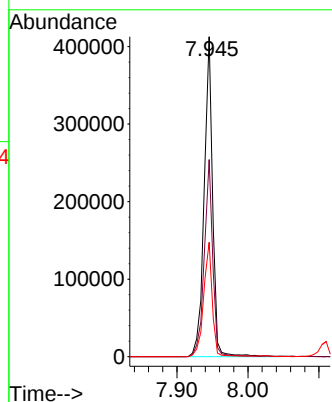
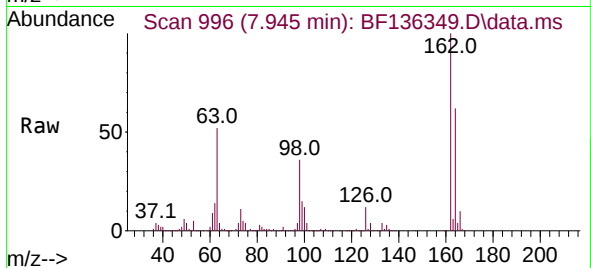




#29
2,4-Dichlorophenol
Concen: 42.604 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

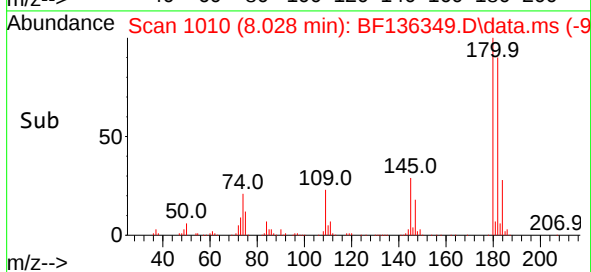
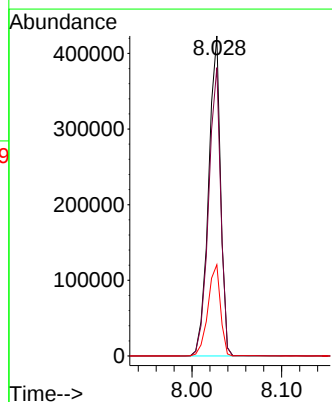
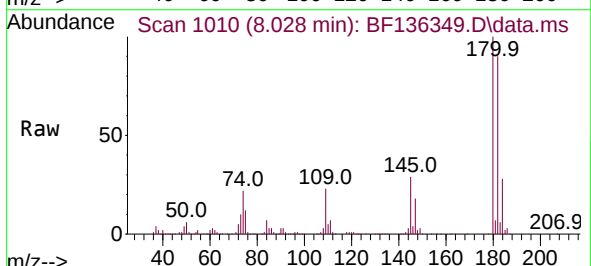
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

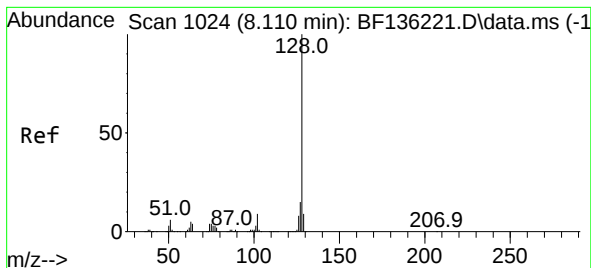
Tgt Ion:162 Resp: 344129
Ion Ratio Lower Upper
162 100
164 61.6 40.3 80.3
98 35.8 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 39.853 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:180 Resp: 394113
Ion Ratio Lower Upper
180 100
182 90.1 71.6 107.4
145 28.5 23.0 34.4





#31

Naphthalene

Concen: 40.301 ng

RT: 8.110 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

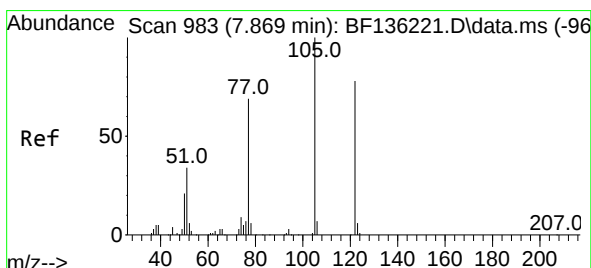
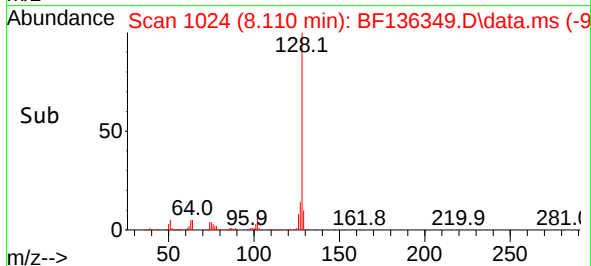
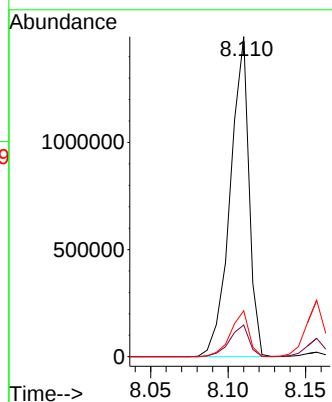
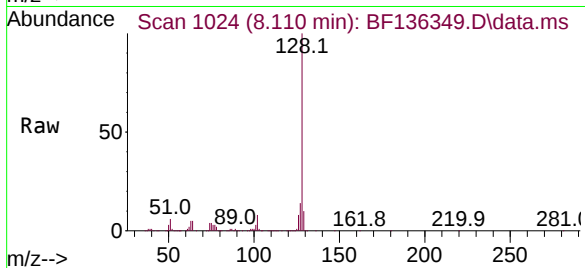
Tgt Ion:128 Resp: 1261313

Ion Ratio Lower Upper

128 100

129 9.9 7.3 10.9

127 14.4 11.8 17.6



#32

Benzoic acid

Concen: 46.523 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

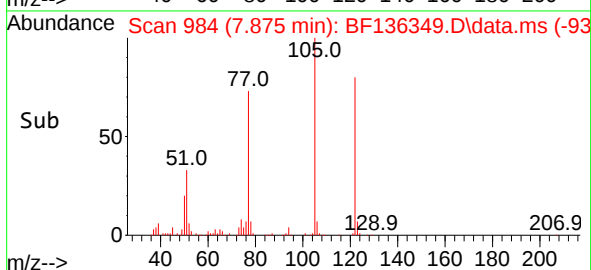
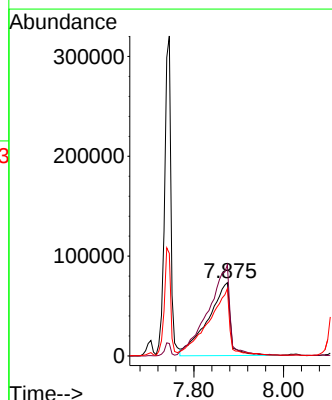
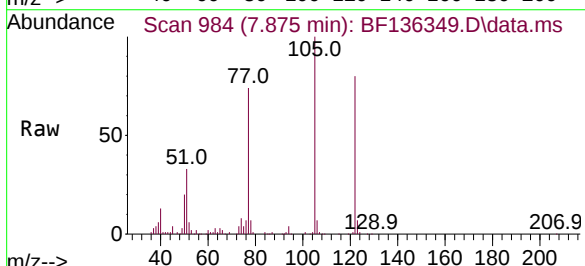
Tgt Ion:122 Resp: 253907

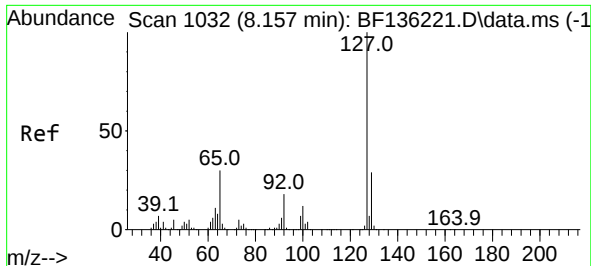
Ion Ratio Lower Upper

122 100

105 124.4 103.7 143.7

77 91.9 66.8 106.8

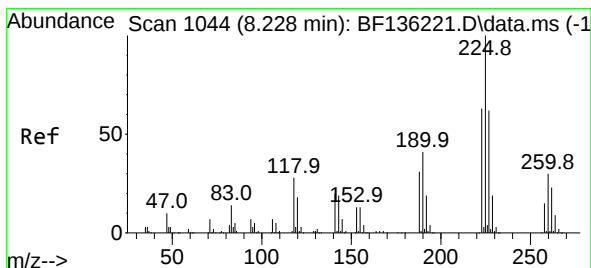
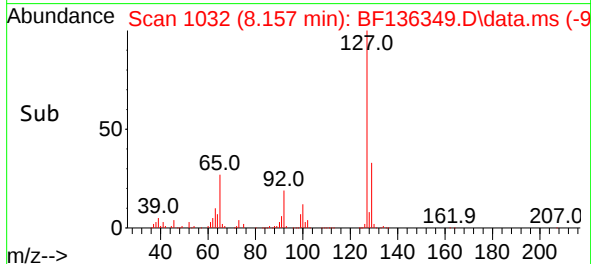
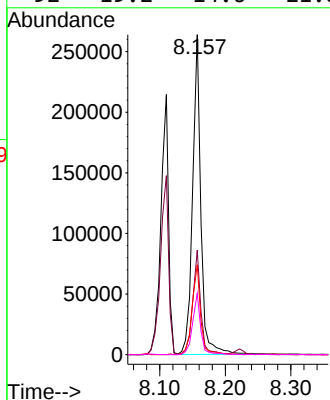
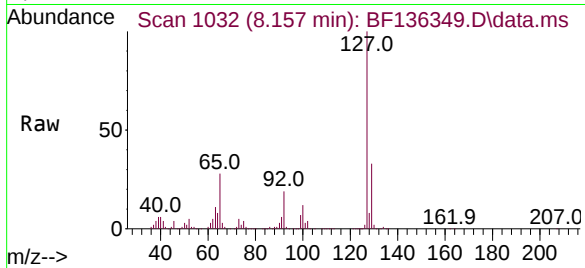




#33
4-Chloroaniline
Concen: 21.806 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

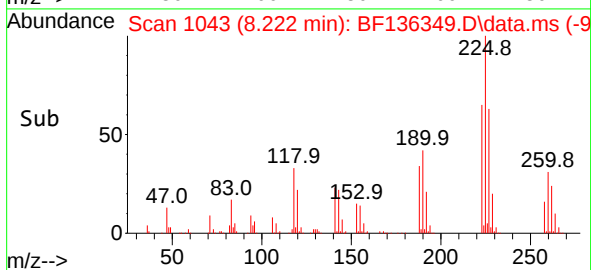
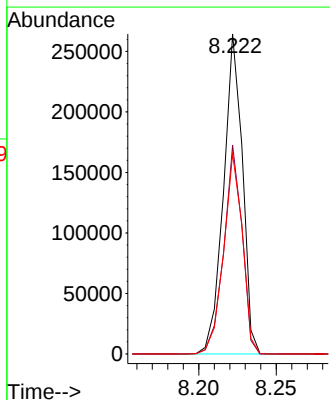
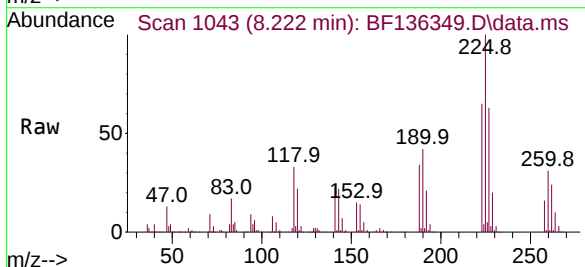
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

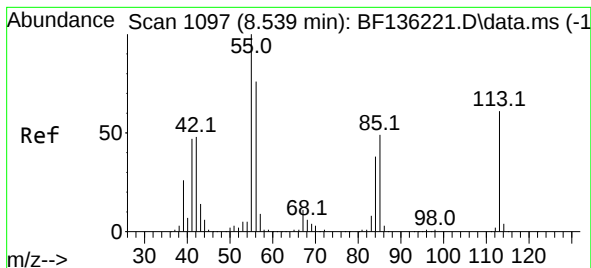
Tgt Ion:	127	Resp:	231985
Ion	Ratio	Lower	Upper
127	100		
129	32.7	23.4	35.2
65	28.1	23.8	35.6
92	19.2	14.6	21.8



#34
Hexachlorobutadiene
Concen: 38.687 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:	225	Resp:	223829
Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.6	75.8
227	62.5	49.6	74.4





#35

Caprolactam

Concen: 35.608 ng

RT: 8.534 min Scan# 1096

Delta R.T. -0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

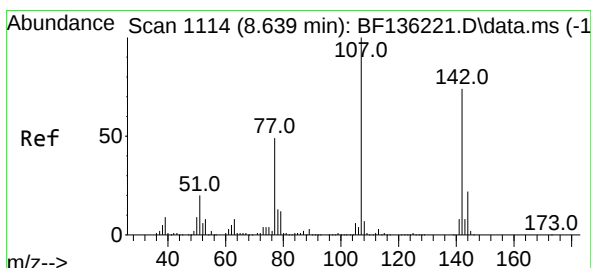
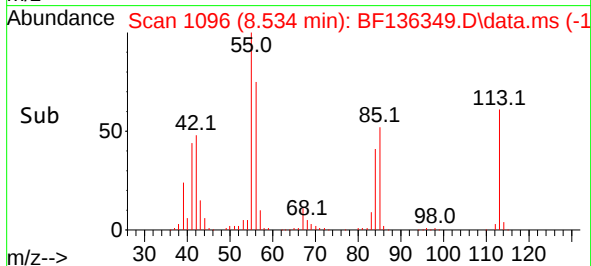
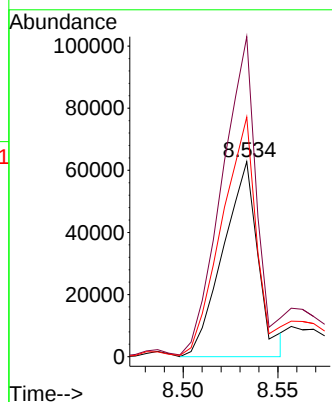
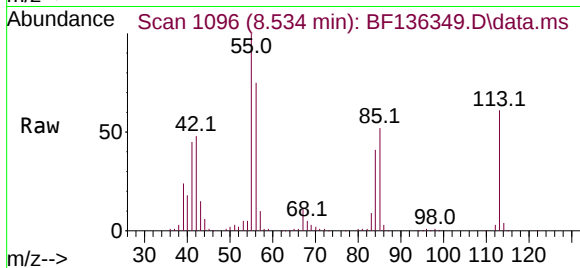
Tgt Ion:113 Resp: 80404

Ion Ratio Lower Upper

113 100

55 164.0 143.1 183.1

56 122.8 103.6 143.6



#36

4-Chloro-3-methylphenol

Concen: 38.855 ng

RT: 8.639 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

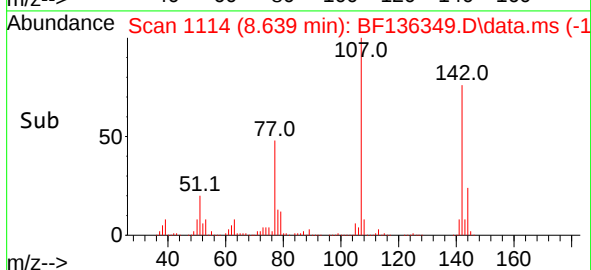
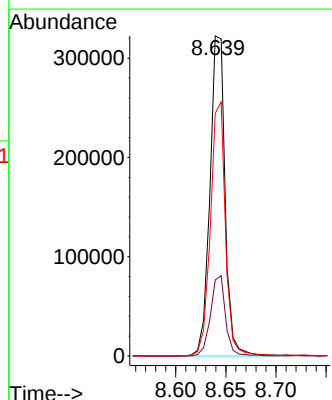
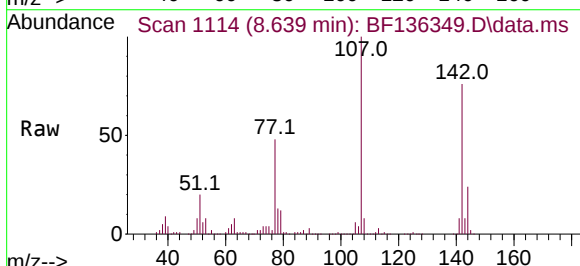
Tgt Ion:107 Resp: 340381

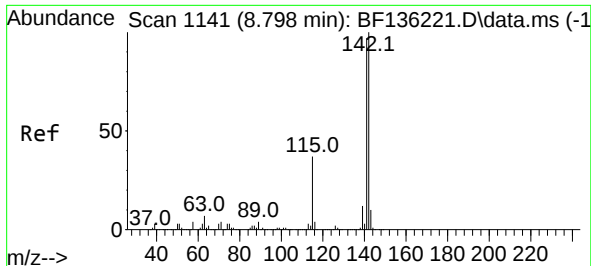
Ion Ratio Lower Upper

107 100

144 23.7 17.8 26.8

142 75.8 59.4 89.0





#37

2-Methylnaphthalene

Concen: 39.359 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

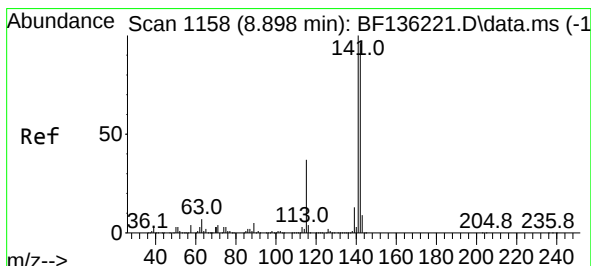
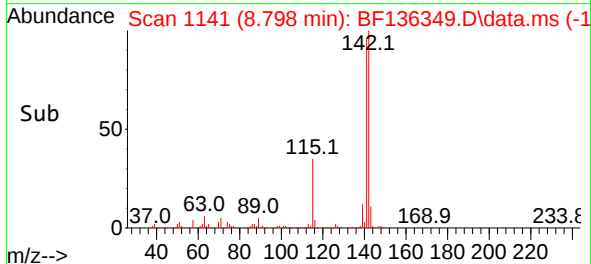
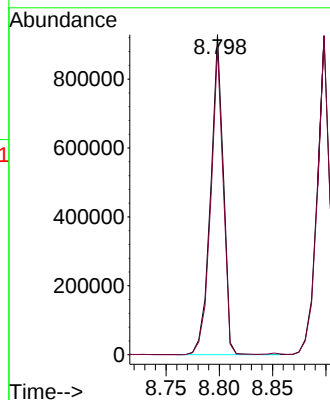
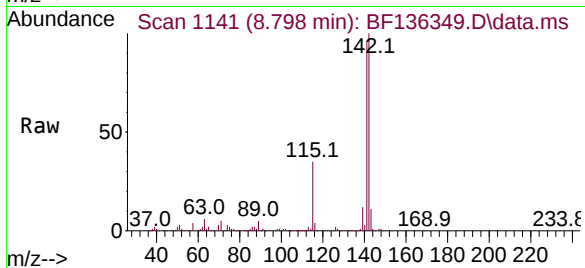
WC-5MSD

Tgt Ion:142 Resp: 772720

Ion Ratio Lower Upper

142 100

141 96.2 77.8 116.8



#38

1-Methylnaphthalene

Concen: 38.769 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136349.D

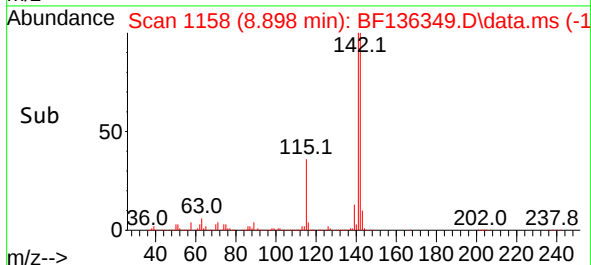
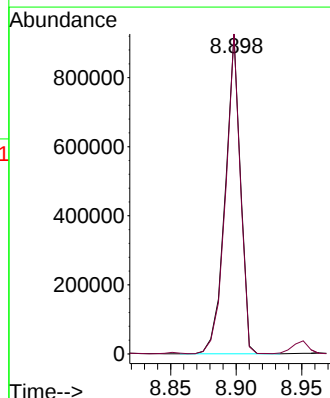
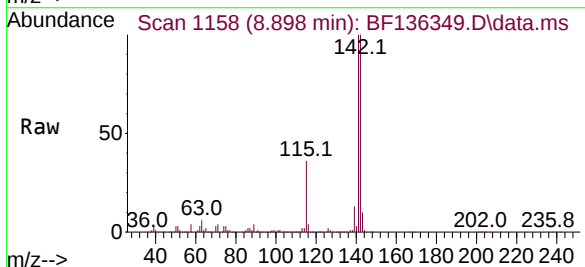
Acq: 01 Dec 2023 21:14

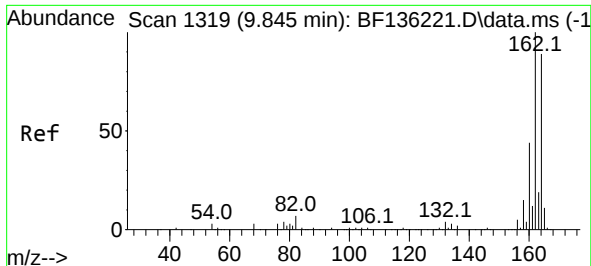
Tgt Ion:142 Resp: 742516

Ion Ratio Lower Upper

142 100

141 100.1 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

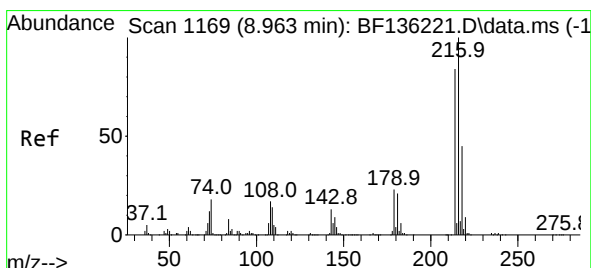
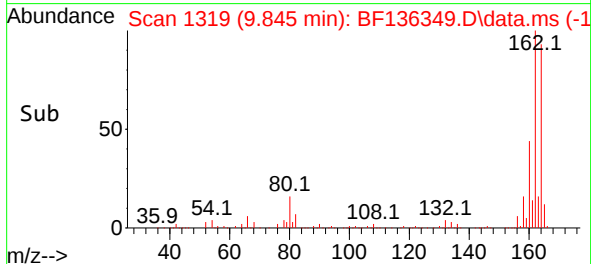
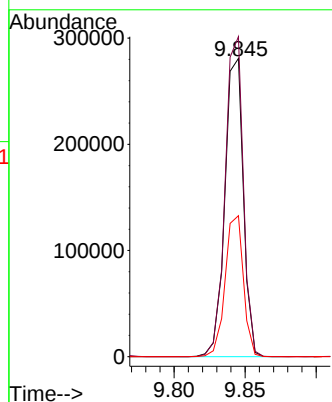
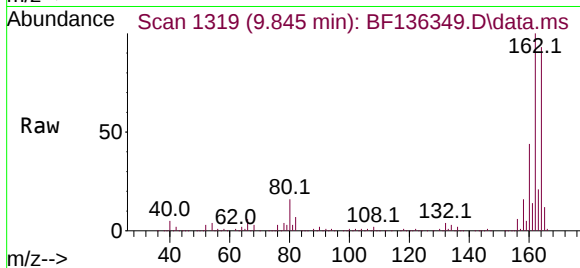
Tgt Ion:164 Resp: 254635

Ion Ratio Lower Upper

164 100

162 107.3 89.5 134.3

160 47.2 39.6 59.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.981 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Tgt Ion:216 Resp: 372621

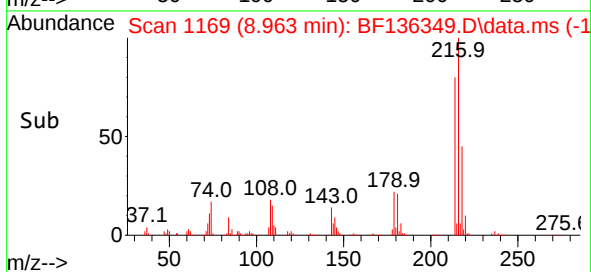
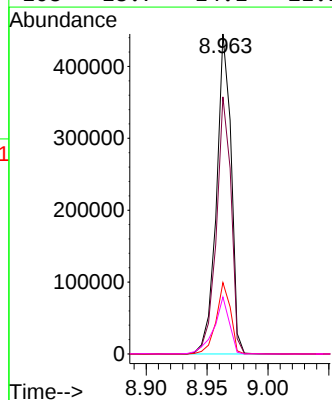
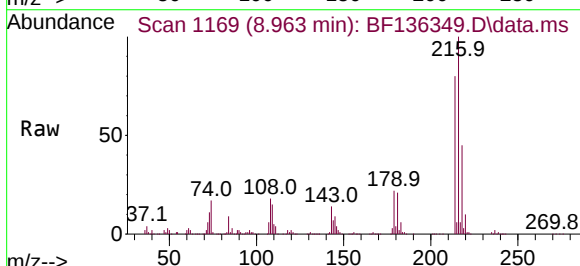
Ion Ratio Lower Upper

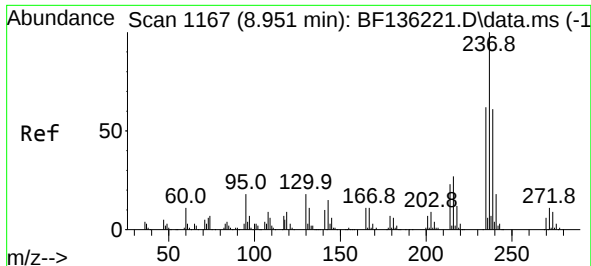
216 100

214 80.2 65.8 98.8

179 21.8 17.4 26.0

108 18.7 14.1 21.1

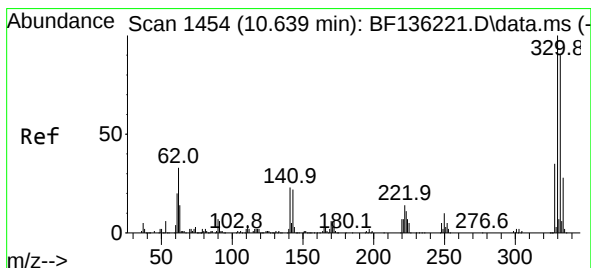
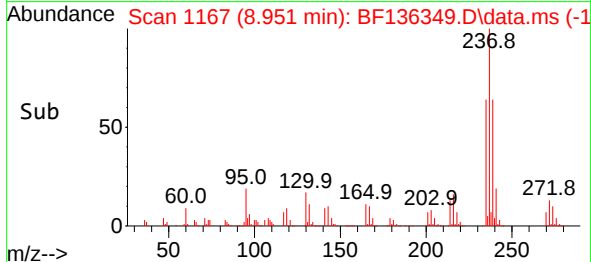
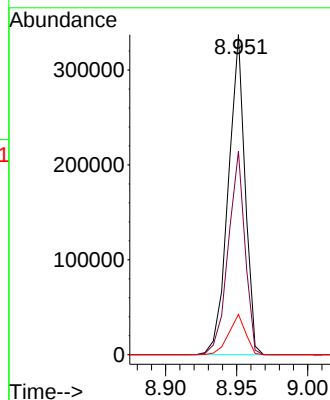
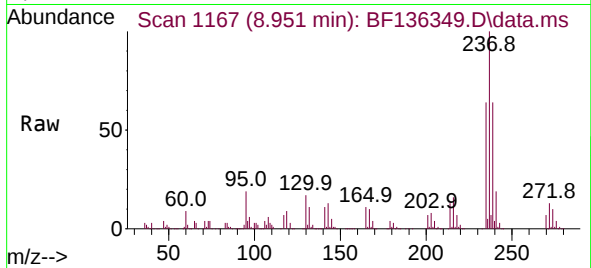




#41
Hexachlorocyclopentadiene
Concen: 88.386 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

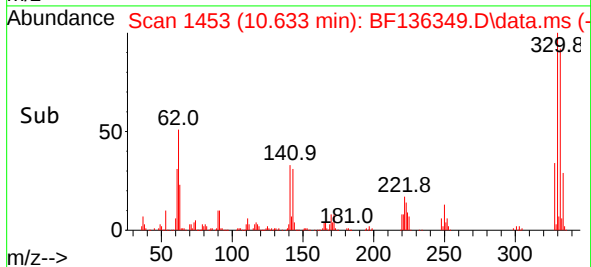
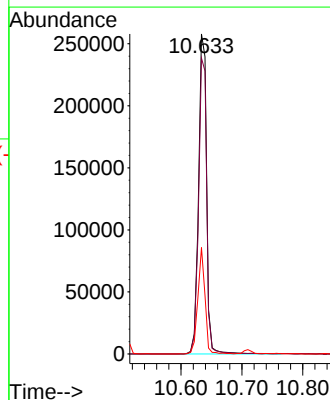
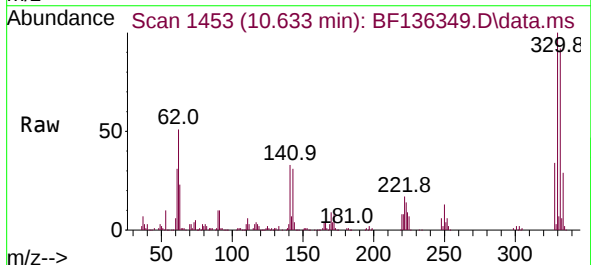
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

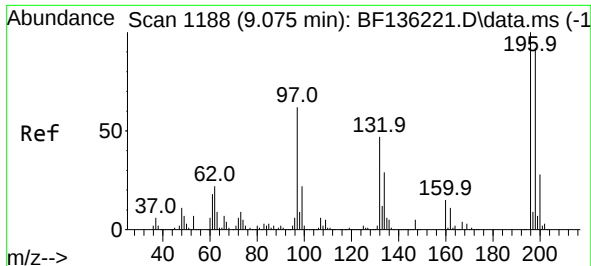
Tgt Ion:237 Resp: 275607
Ion Ratio Lower Upper
237 100
235 63.6 42.1 82.1
272 12.6 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 76.140 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:330 Resp: 237032
Ion Ratio Lower Upper
330 100
332 93.1 73.0 109.6
141 29.5 24.2 36.2

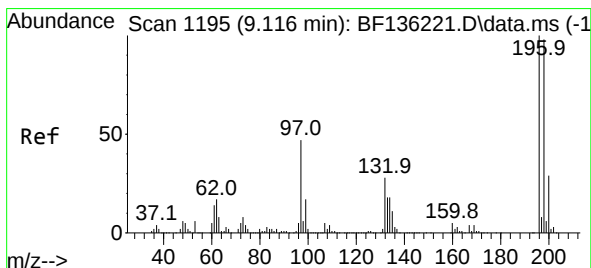
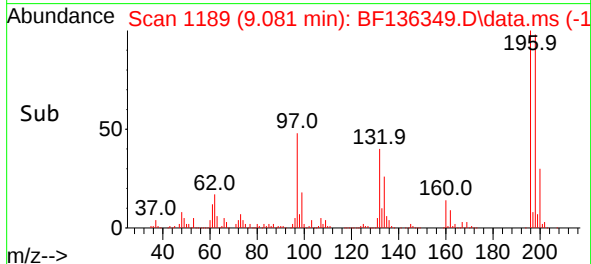
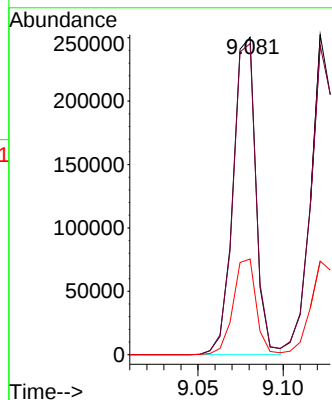
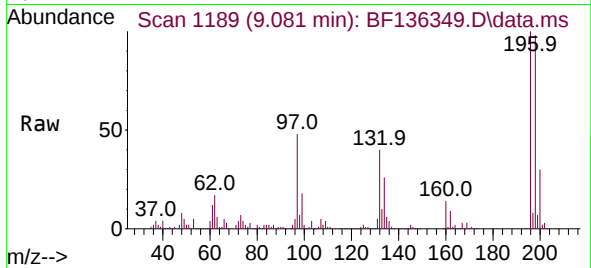




#43
2,4,6-Trichlorophenol
Concen: 44.123 ng
RT: 9.081 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

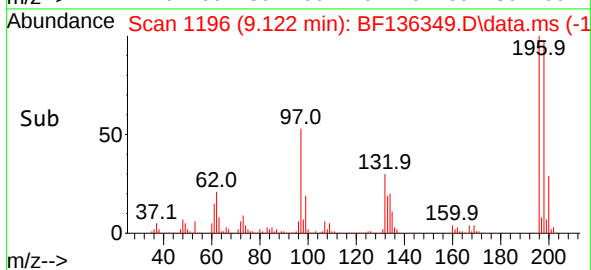
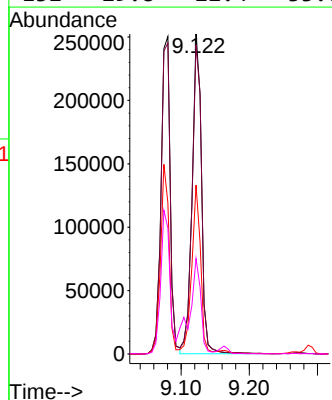
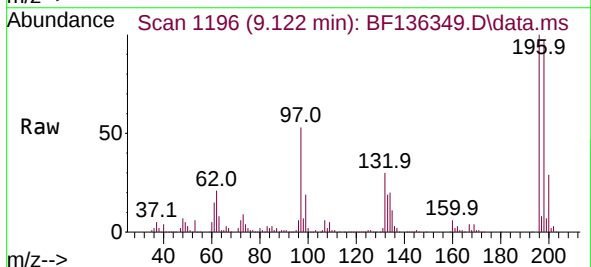
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

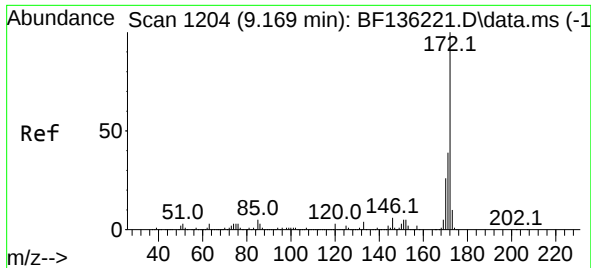
Tgt Ion:196 Resp: 232085
Ion Ratio Lower Upper
196 100
198 98.0 73.2 109.8
200 30.1 22.4 33.6



#44
2,4,5-Trichlorophenol
Concen: 41.649 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:196 Resp: 239072
Ion Ratio Lower Upper
196 100
198 96.6 78.8 118.2
97 52.8 37.8 56.8
132 29.8 22.4 33.6

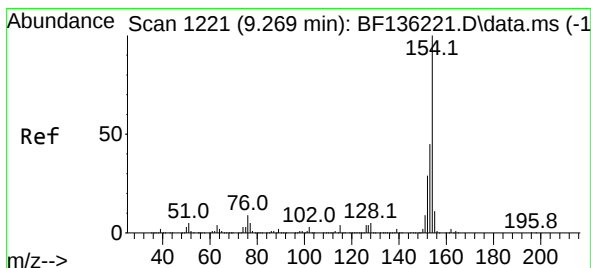
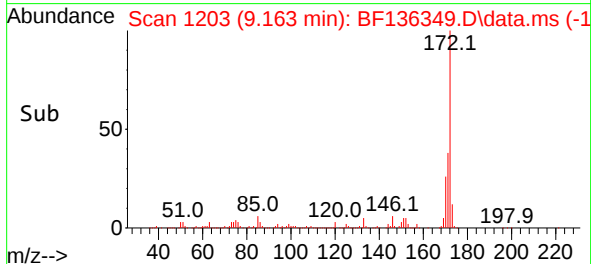
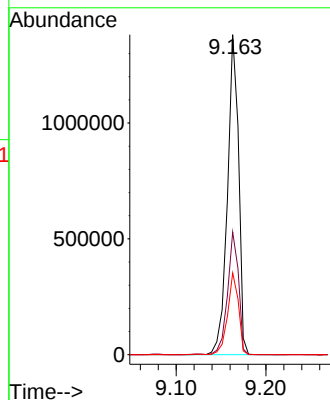
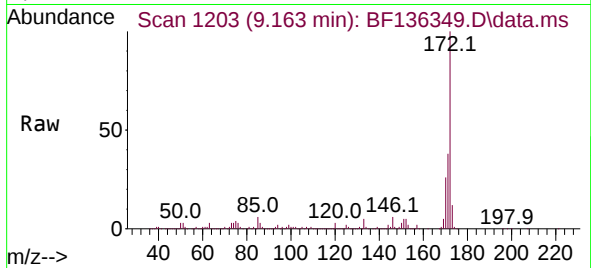




#45
2-Fluorobiphenyl
Concen: 59.778 ng
RT: 9.163 min Scan# 1191688
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

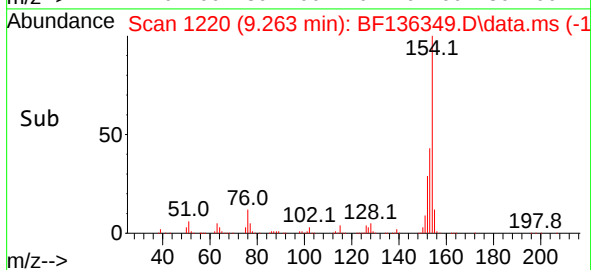
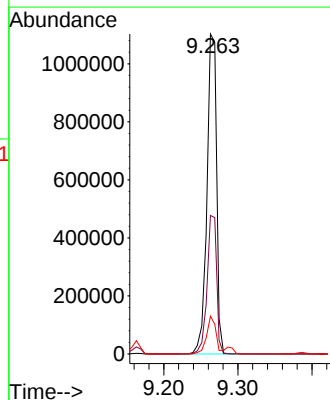
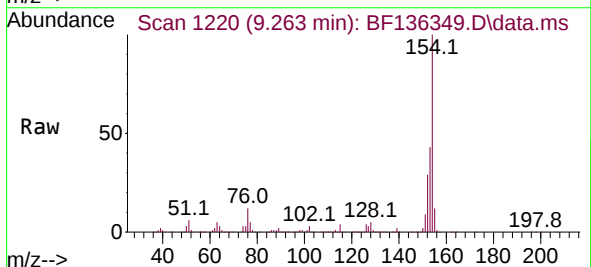
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

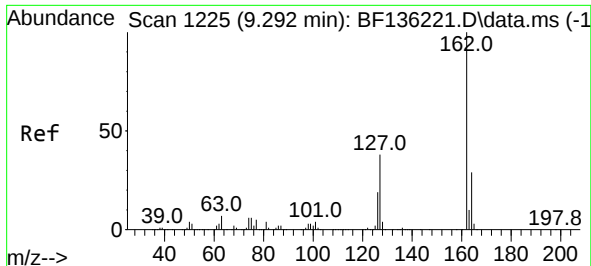
Tgt Ion:172 Resp: 1191688
Ion Ratio Lower Upper
172 100
171 38.3 31.5 47.3
170 25.6 20.8 31.2



#46
1,1'-Biphenyl
Concen: 44.769 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:154 Resp: 1005285
Ion Ratio Lower Upper
154 100
153 43.3 24.6 64.6
76 11.8 0.0 29.4





#47

2-Chloronaphthalene

Concen: 42.748 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

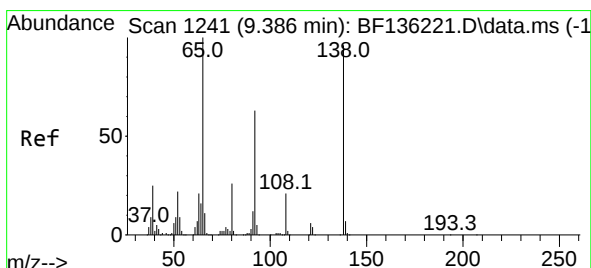
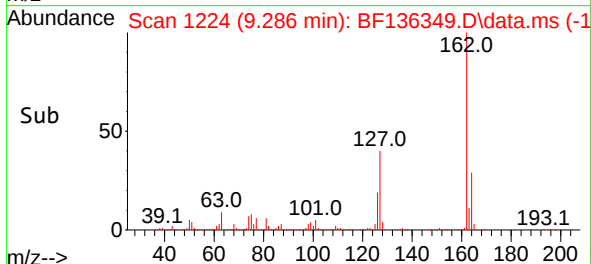
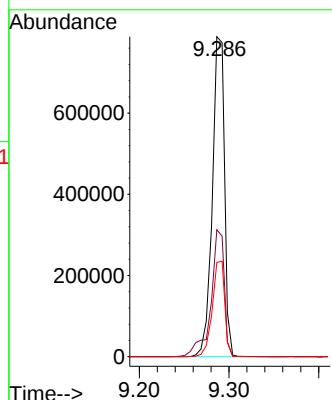
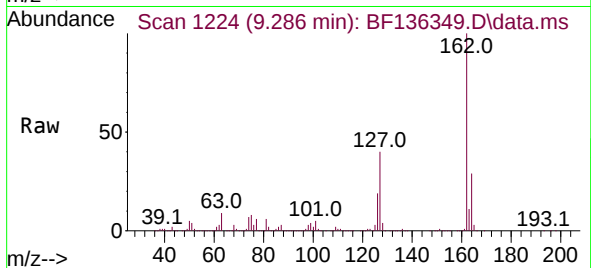
Tgt Ion:162 Resp: 745445

Ion Ratio Lower Upper

162 100

127 39.7 30.2 45.2

164 29.5 22.8 34.2



#48

2-Nitroaniline

Concen: 41.259 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

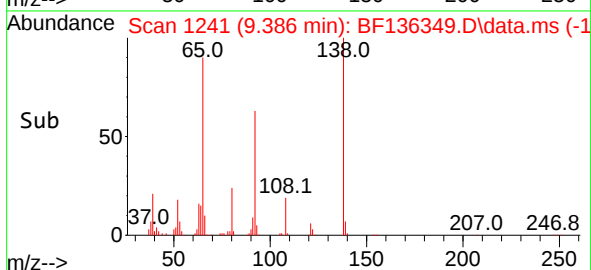
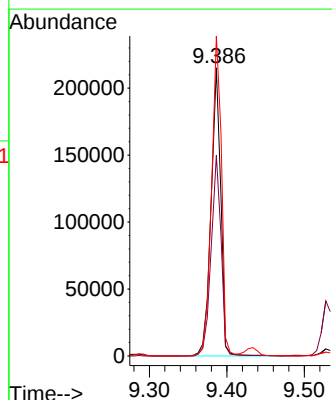
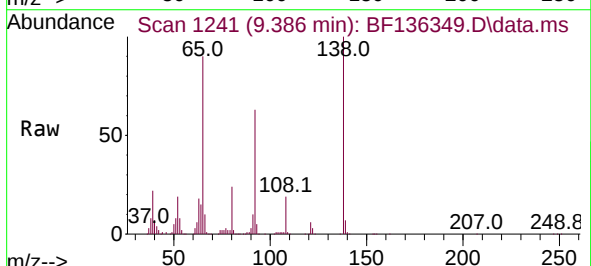
Tgt Ion: 65 Resp: 187846

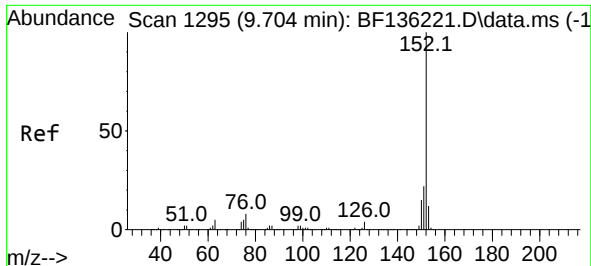
Ion Ratio Lower Upper

65 100

92 69.6 50.6 75.8

138 111.0 76.7 115.1





#49

Acenaphthylene

Concen: 46.274 ng

RT: 9.704 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

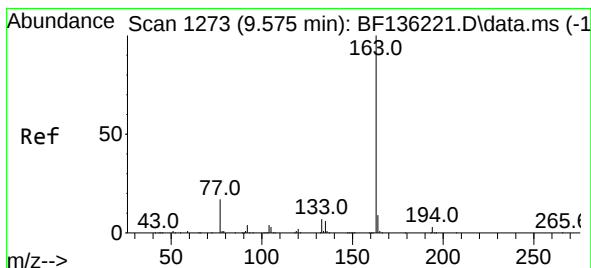
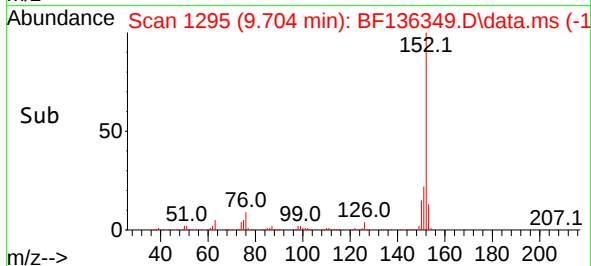
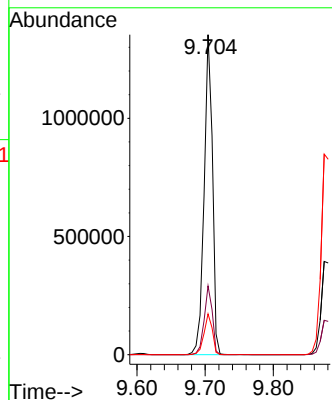
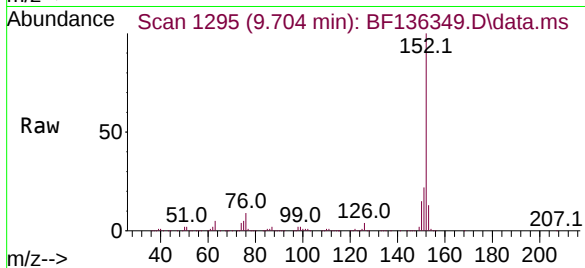
Tgt Ion:152 Resp: 1151548

Ion Ratio Lower Upper

152 100

151 21.5 17.5 26.3

153 12.8 9.6 14.4



#50

Dimethylphthalate

Concen: 43.442 ng

RT: 9.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

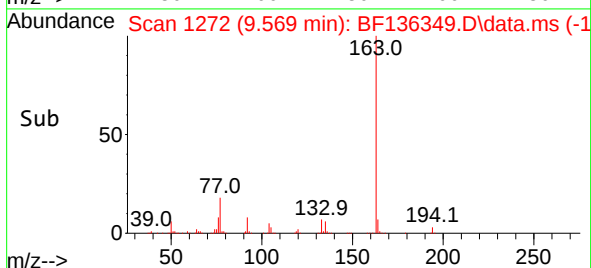
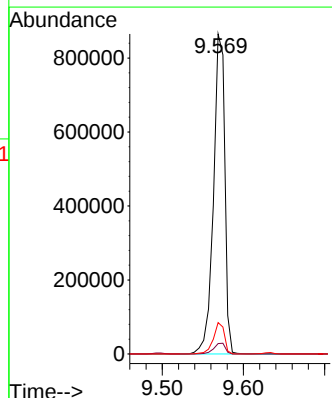
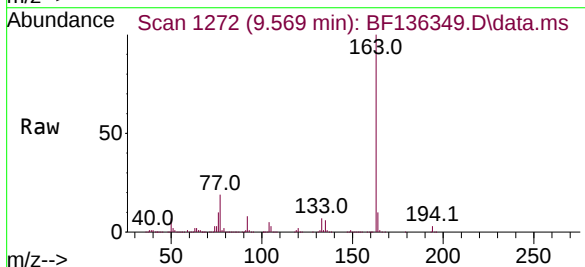
Tgt Ion:163 Resp: 836081

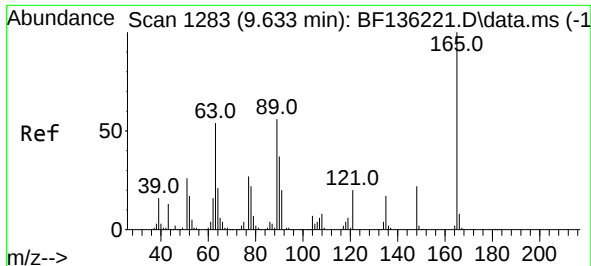
Ion Ratio Lower Upper

163 100

194 3.3 2.5 3.7

164 9.8 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 42.562 ng

RT: 9.633 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

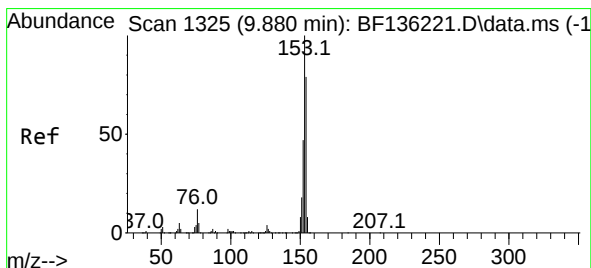
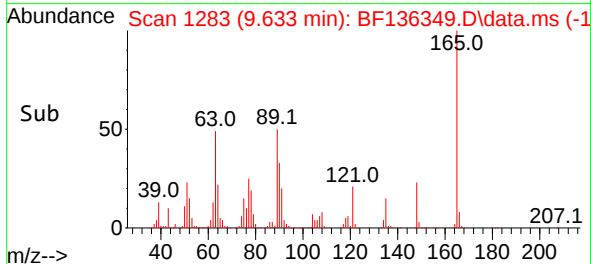
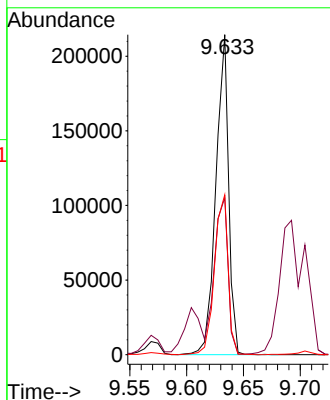
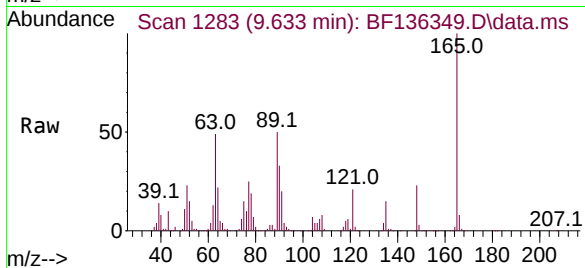
Tgt Ion:165 Resp: 167344

Ion Ratio Lower Upper

165 100

63 49.0 46.2 69.2

89 49.9 44.9 67.3



#52

Acenaphthene

Concen: 41.798 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

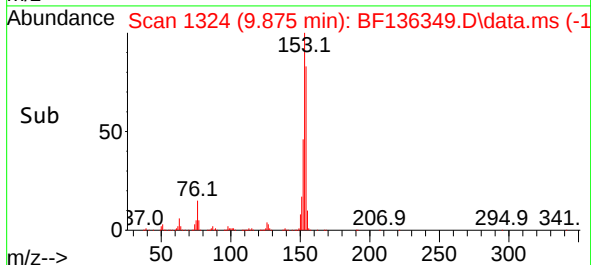
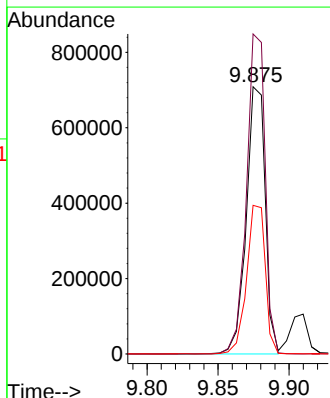
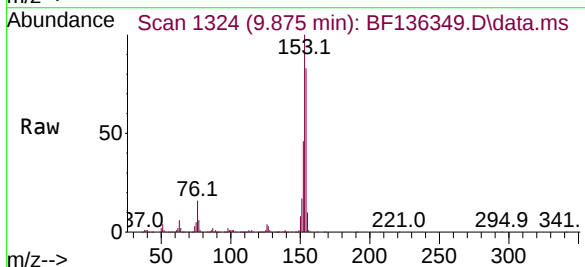
Tgt Ion:154 Resp: 657329

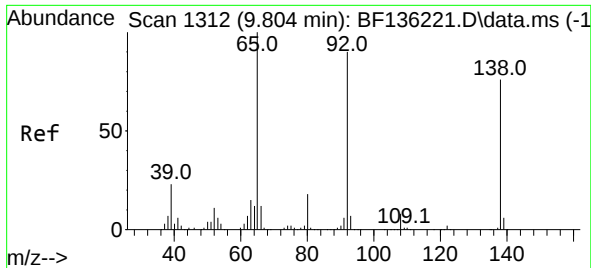
Ion Ratio Lower Upper

154 100

153 119.8 100.8 151.2

152 55.7 47.0 70.6

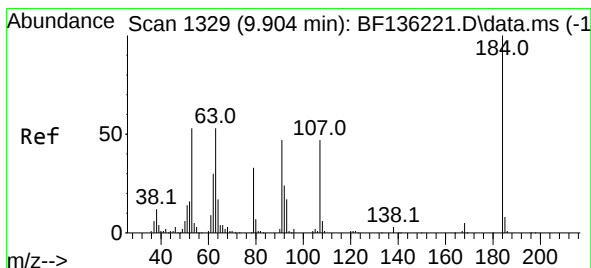
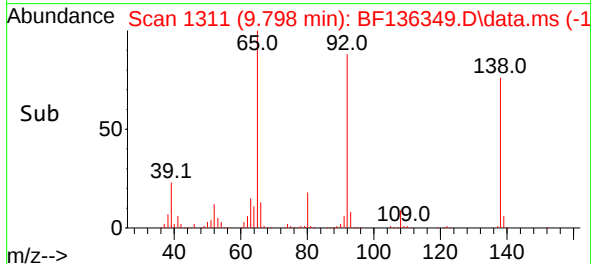
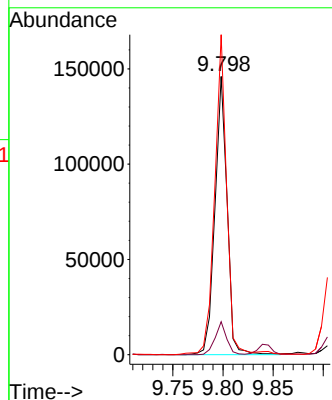
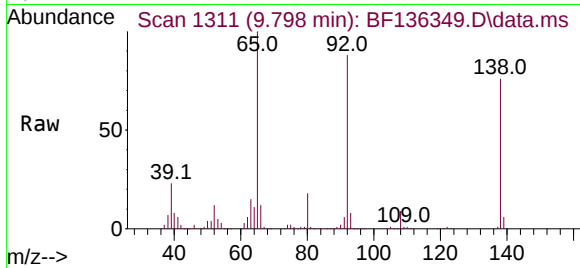




#53
3-Nitroaniline
Concen: 31.564 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

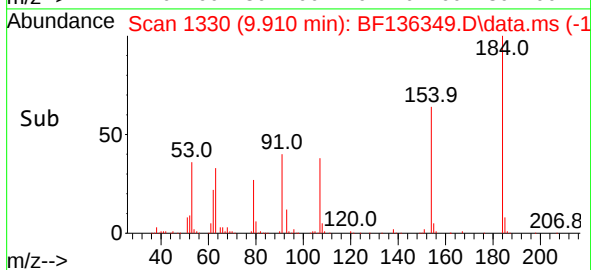
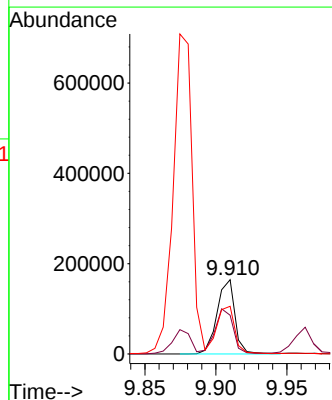
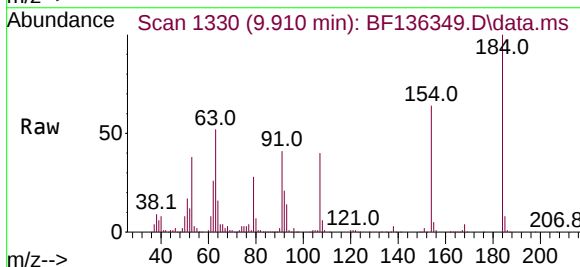
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

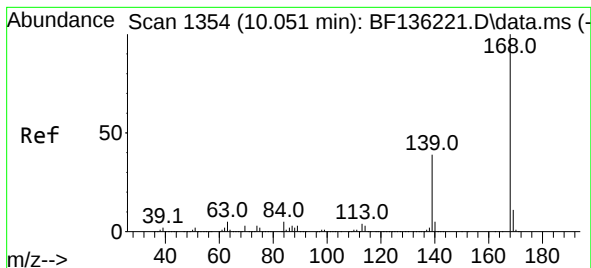
Tgt Ion:138 Resp: 123139
Ion Ratio Lower Upper
138 100
108 11.9 8.7 13.1
92 115.0 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 78.831 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:184 Resp: 144152
Ion Ratio Lower Upper
184 100
63 52.2 55.0 82.4#
154 64.3 54.9 82.3



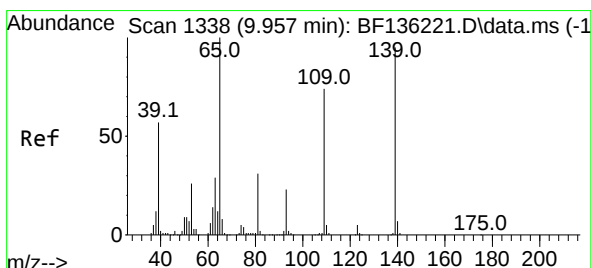
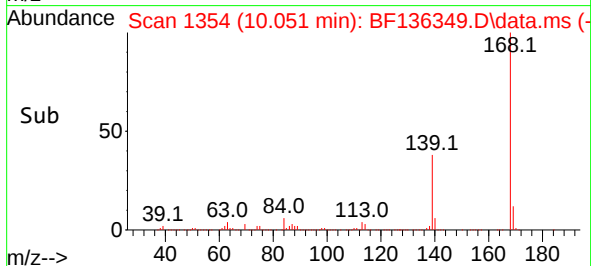
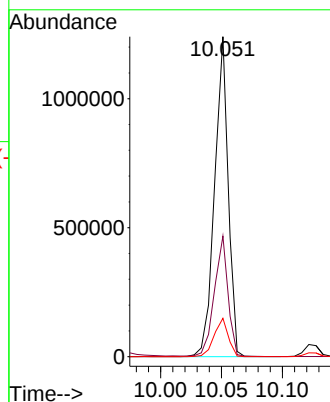
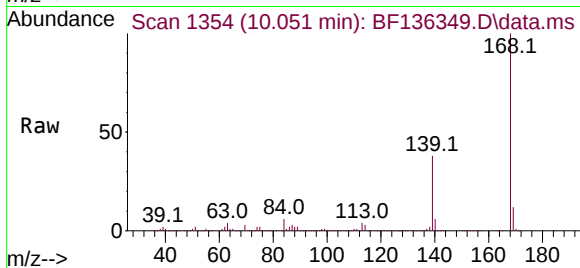


#55
Dibenzenofuran
Concen: 41.124 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion:168 Resp: 962363

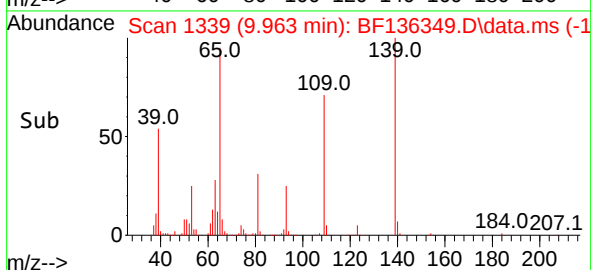
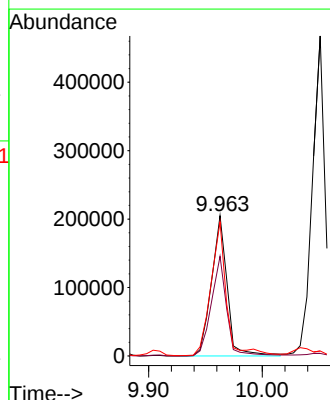
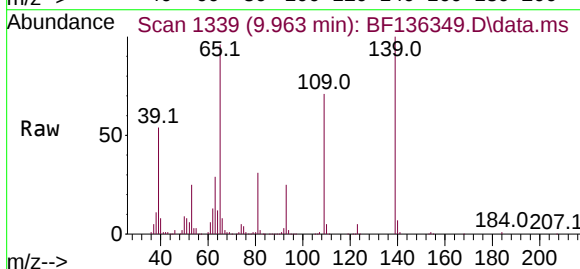
Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.9	46.3
169	12.0	9.1	13.7

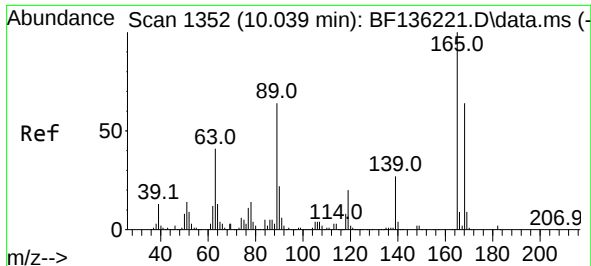


#56
4-Nitrophenol
Concen: 66.360 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:139 Resp: 196624

Ion	Ratio	Lower	Upper
139	100		
109	71.0	57.8	97.8
65	95.5	86.0	126.0

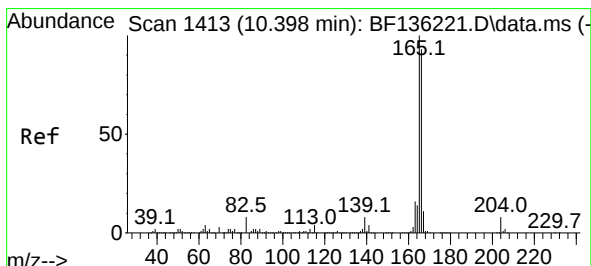
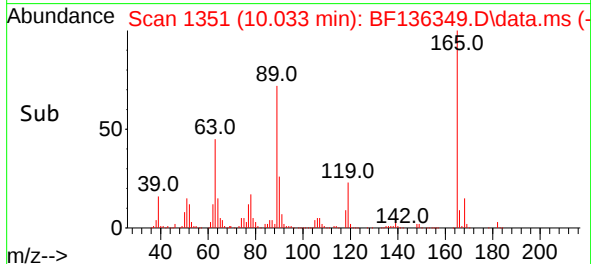
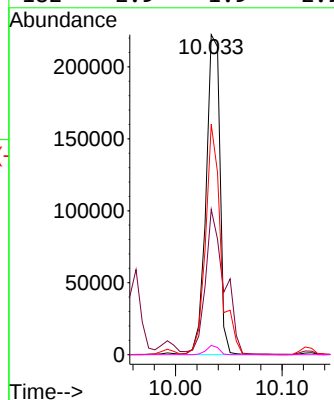
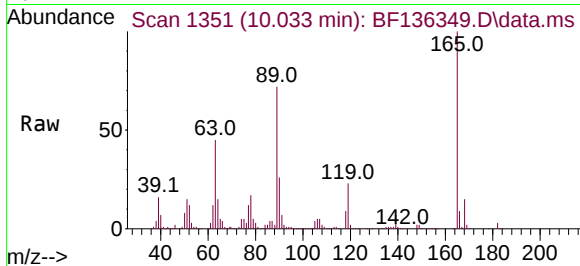




#57
2,4-Dinitrotoluene
Concen: 38.567 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

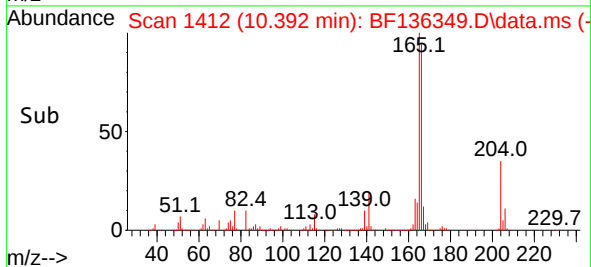
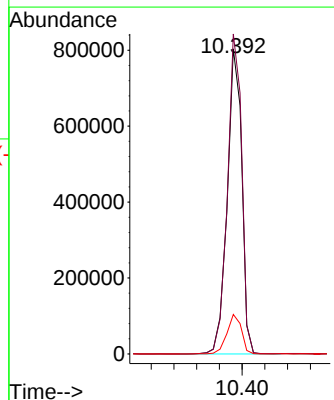
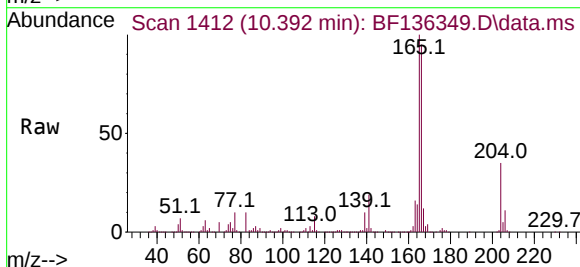
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

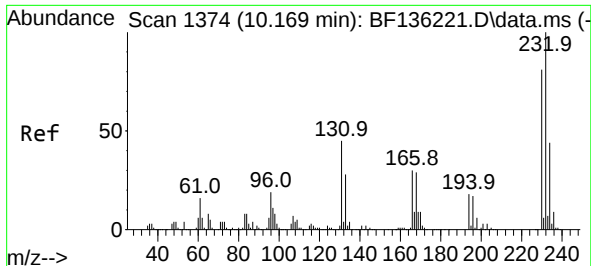
Tgt Ion:165 Resp: 202553
Ion Ratio Lower Upper
165 100
63 45.4 33.0 49.4
89 72.0 51.5 77.3
182 2.9 1.9 2.9#



#58
Fluorene
Concen: 38.918 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:166 Resp: 714363
Ion Ratio Lower Upper
166 100
165 104.9 86.2 129.4
167 12.9 9.1 13.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.647 ng

RT: 10.169 min Scan# 1374

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion:232 Resp: 181073

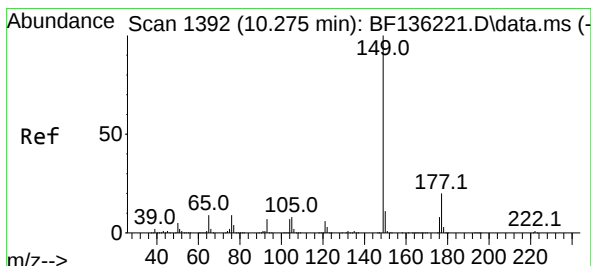
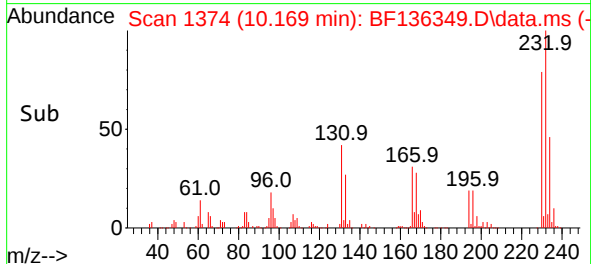
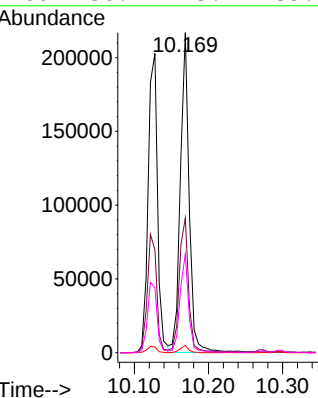
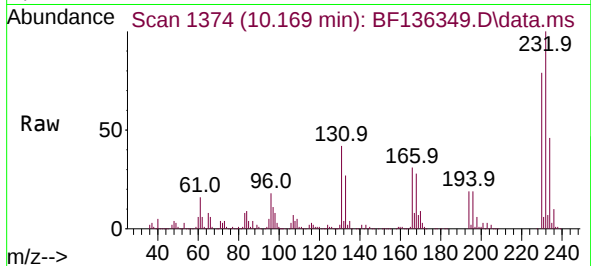
Ion Ratio Lower Upper

232 100

131 44.6 36.4 54.6

130 2.2 1.9 2.9

166 30.1 23.9 35.9



#60

Diethylphthalate

Concen: 38.786 ng

RT: 10.275 min Scan# 1392

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

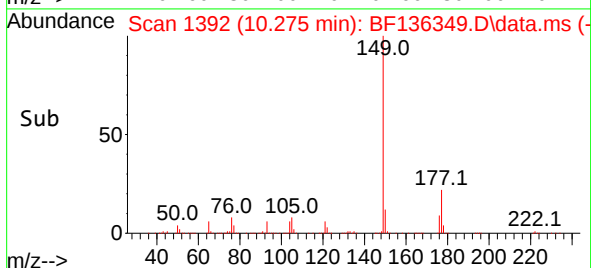
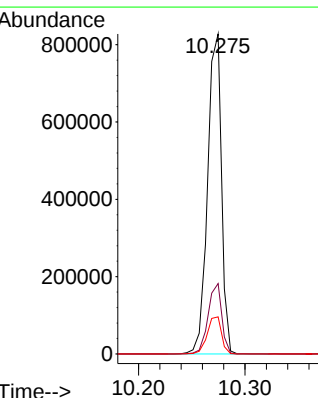
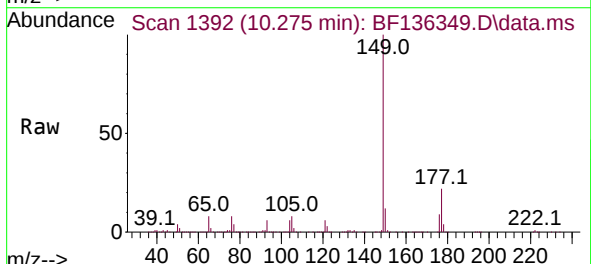
Tgt Ion:149 Resp: 746707

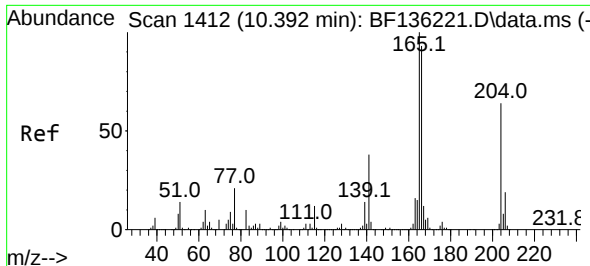
Ion Ratio Lower Upper

149 100

177 22.0 15.8 23.6

150 11.6 8.8 13.2

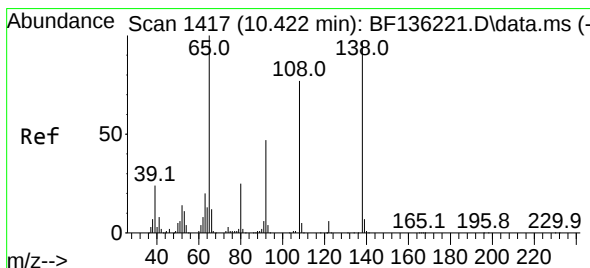
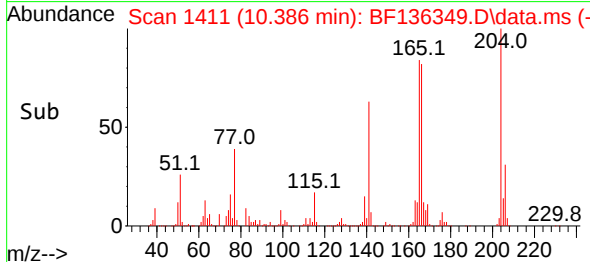
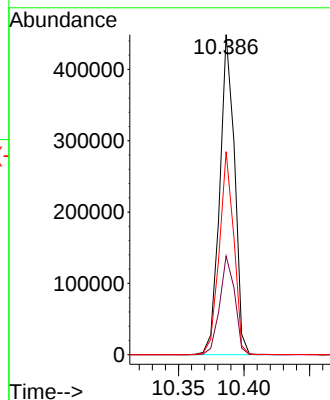
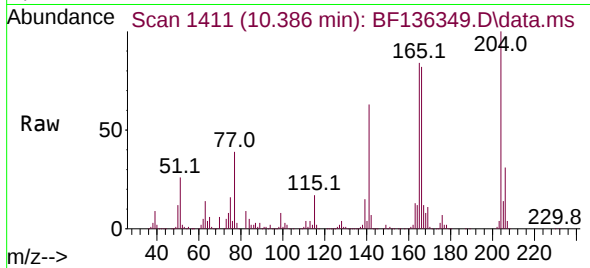




#61
4-Chlorophenyl-phenylether
Concen: 39.387 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

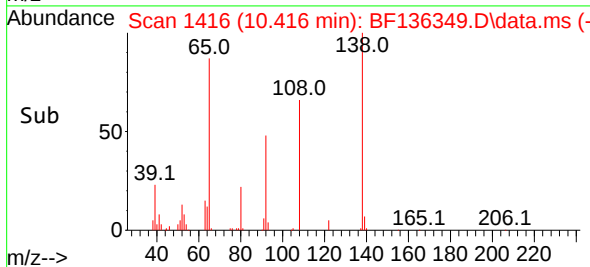
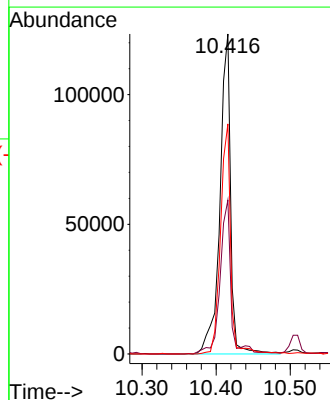
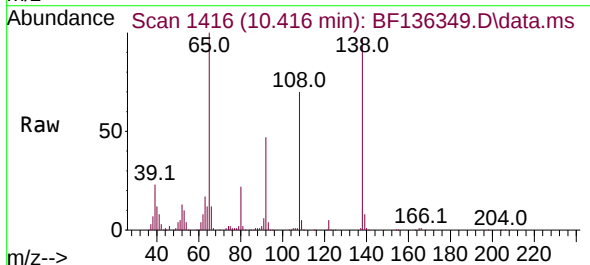
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

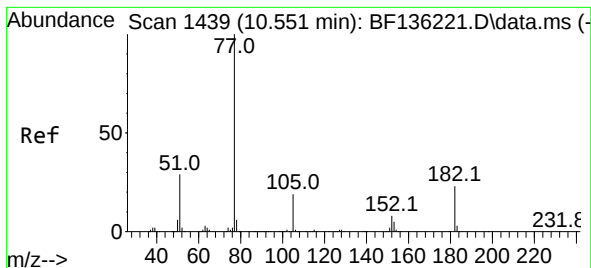
Tgt Ion:204 Resp: 351100
Ion Ratio Lower Upper
204 100
206 30.9 23.4 35.0
141 63.4 47.6 71.4



#62
4-Nitroaniline
Concen: 32.508 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:138 Resp: 124137
Ion Ratio Lower Upper
138 100
92 48.1 28.5 68.5
108 71.9 59.8 99.8





#63

Azobenzene

Concen: 37.816 ng

RT: 10.551 min Scan# 1439

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion: 77 Resp: 674931

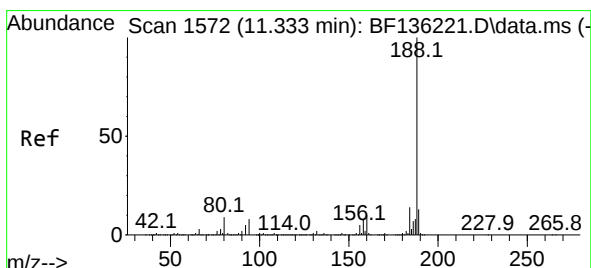
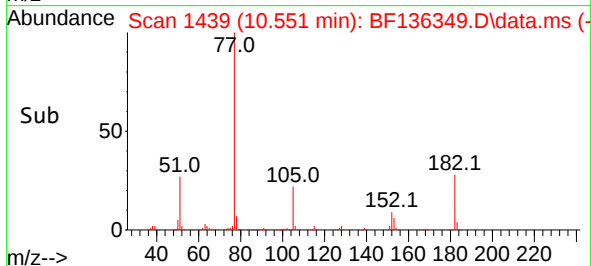
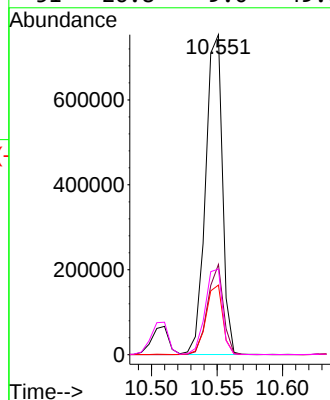
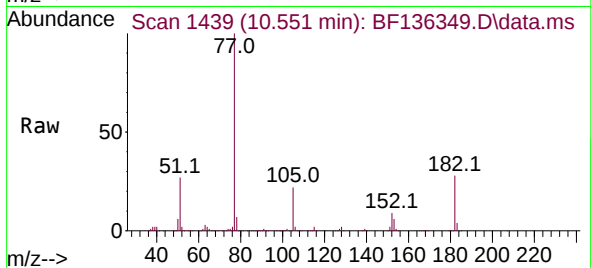
Ion Ratio Lower Upper

77 100

182 28.2 3.3 43.3

105 21.8 0.0 39.5

51 26.8 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: BF136349.D

Acq: 01 Dec 2023 21:14

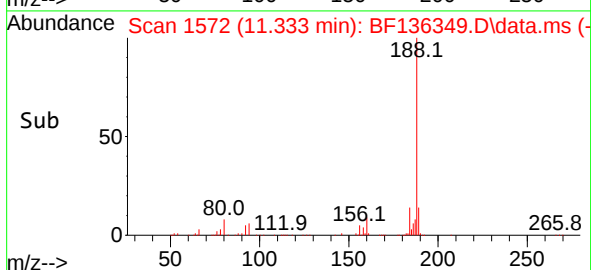
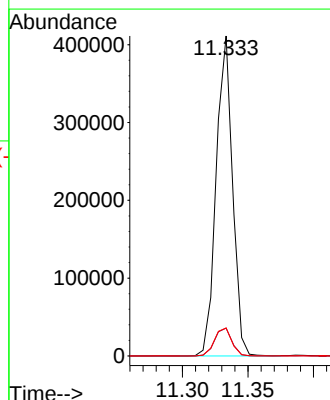
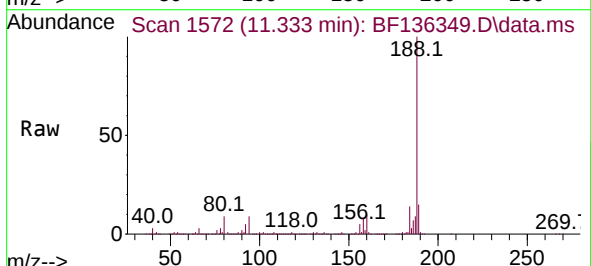
Tgt Ion: 188 Resp: 356127

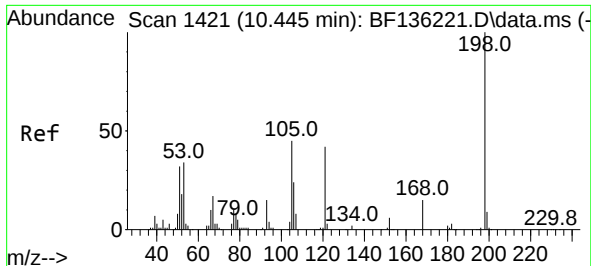
Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

80 8.7 7.2 10.8

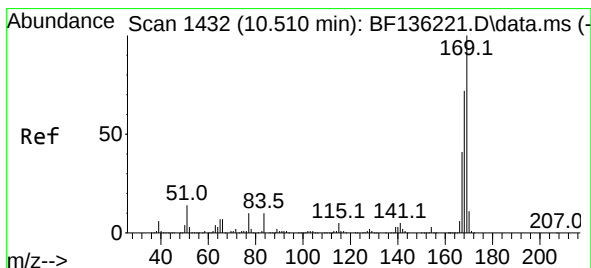
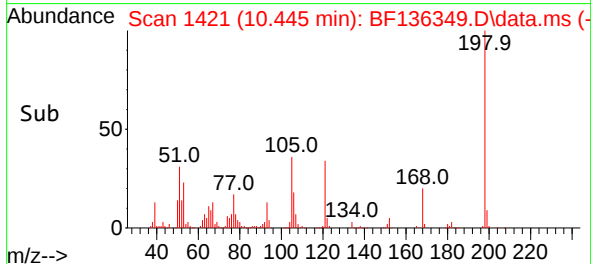
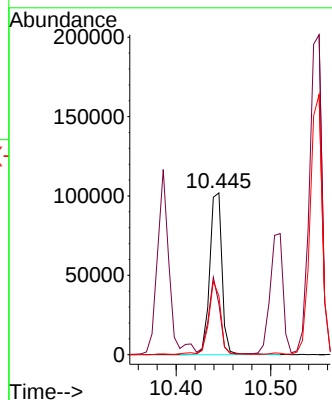
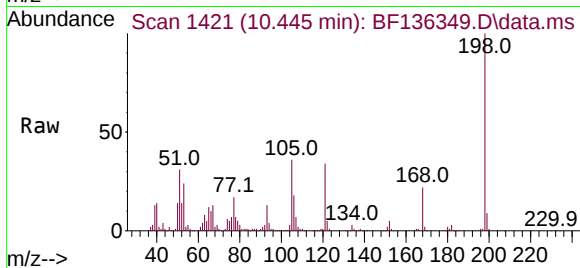




#65
4,6-Dinitro-2-methylphenol
Concen: 46.872 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

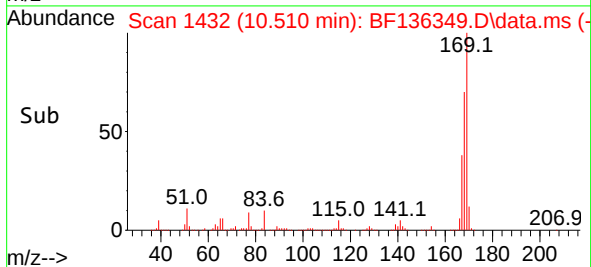
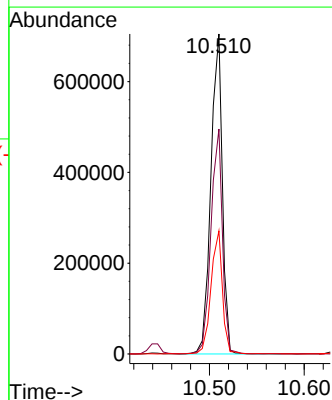
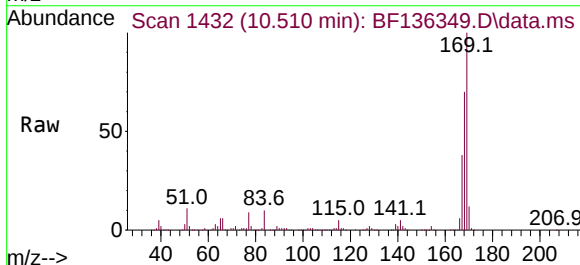
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

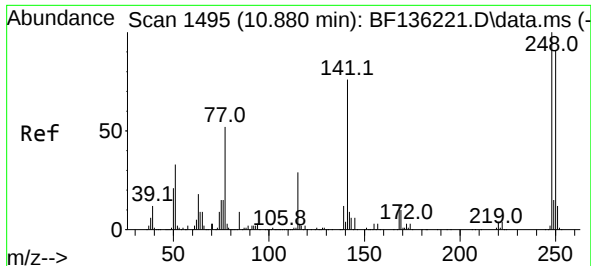
Tgt Ion:198 Resp: 91282
Ion Ratio Lower Upper
198 100
51 31.4 28.2 68.2
105 36.3 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 51.819 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:169 Resp: 591384
Ion Ratio Lower Upper
169 100
168 70.3 57.8 86.6
167 38.4 32.7 49.1

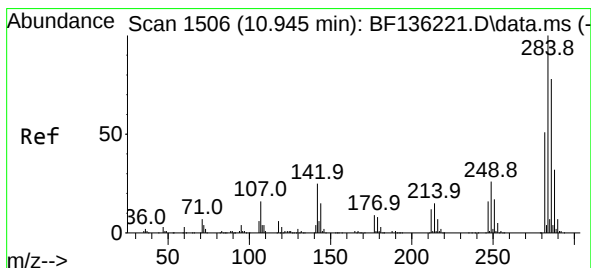
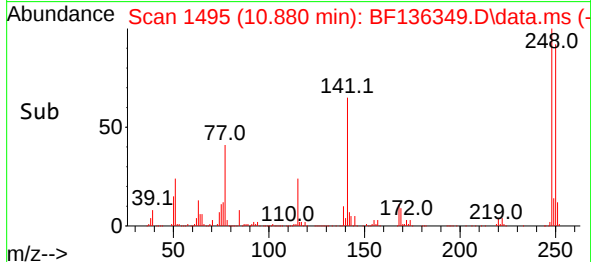
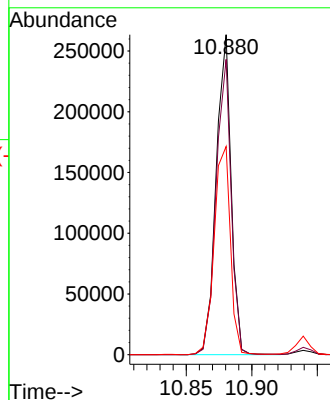
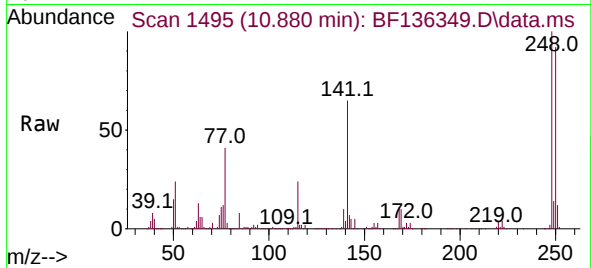




#67
4-Bromophenyl-phenylether
Concen: 50.324 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

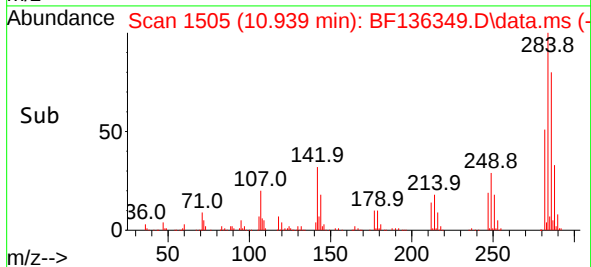
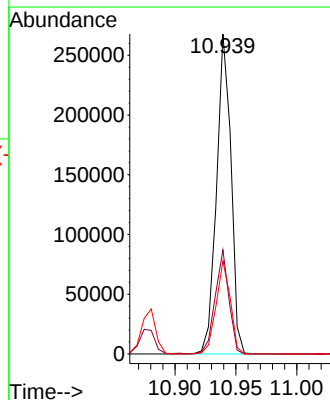
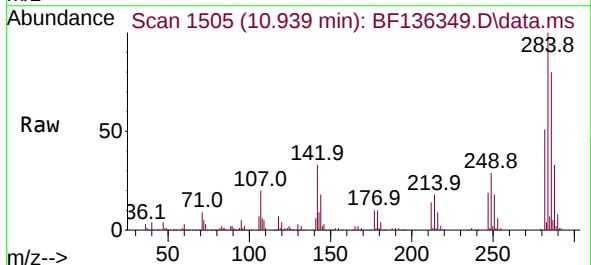
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

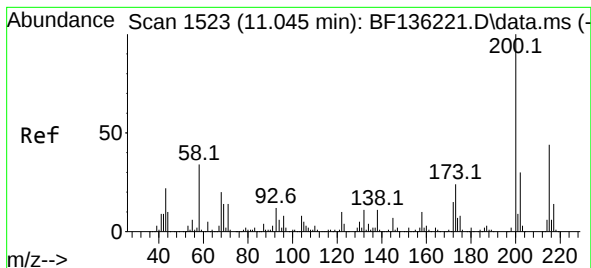
Tgt Ion:248 Resp: 209084
Ion Ratio Lower Upper
248 100
250 92.3 72.5 108.7
141 65.0 60.8 91.2



#68
Hexachlorobenzene
Concen: 46.066 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:284 Resp: 221515
Ion Ratio Lower Upper
284 100
142 32.5 19.8 29.8#
249 29.1 21.0 31.4





#69

Atrazine

Concen: 49.095 ng

RT: 11.039 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

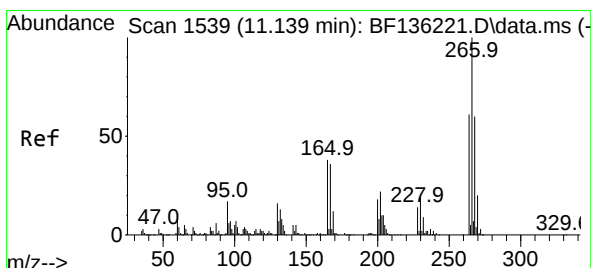
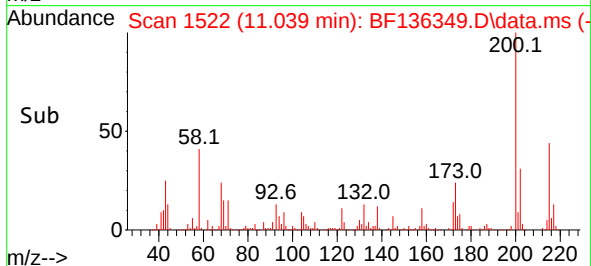
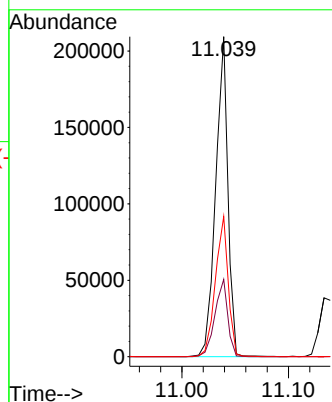
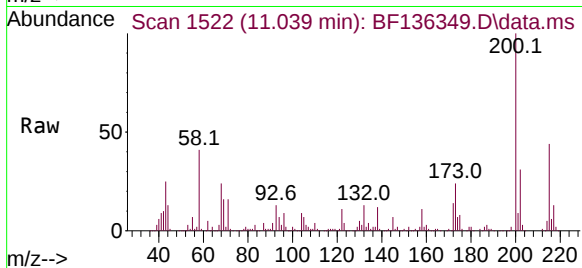
Tgt Ion:200 Resp: 166211

Ion Ratio Lower Upper

200 100

173 24.2 4.3 44.3

215 43.8 23.8 63.8



#70

Pentachlorophenol

Concen: 77.351 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

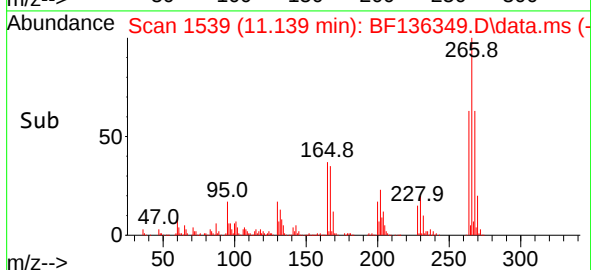
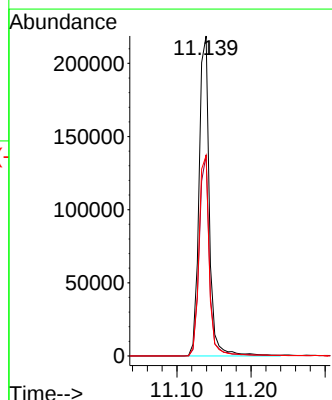
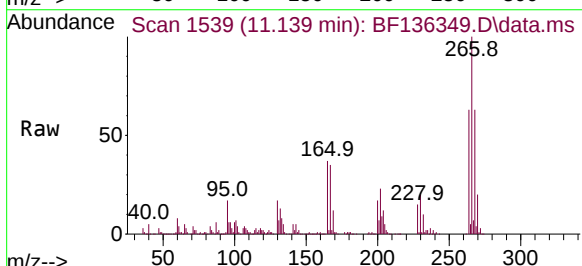
Tgt Ion:266 Resp: 210247

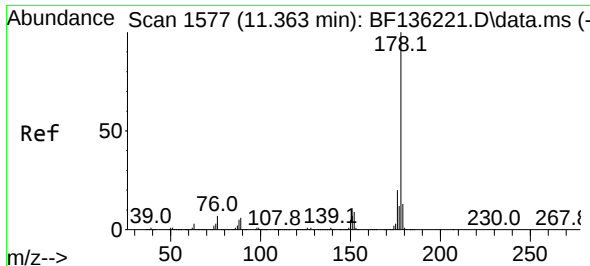
Ion Ratio Lower Upper

266 100

268 62.9 47.9 71.9

264 62.6 49.1 73.7

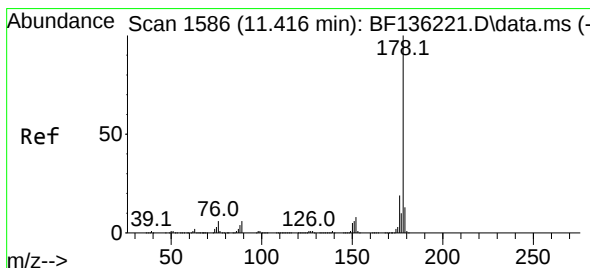
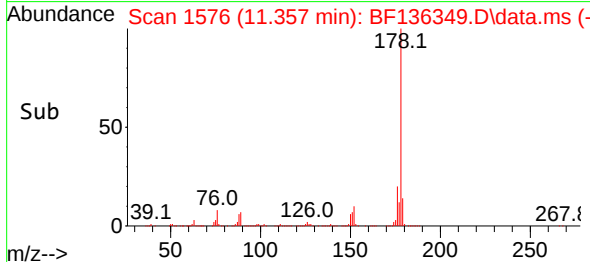
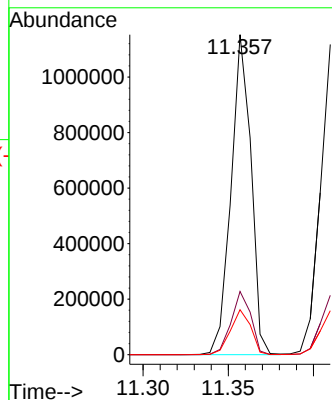
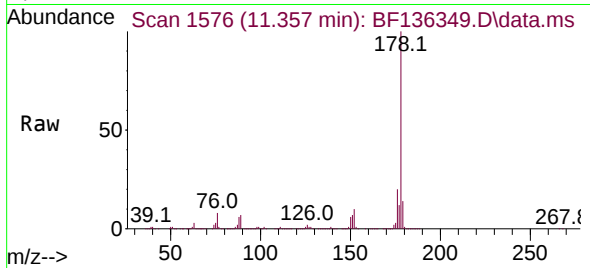




#71
Phenanthrene
Concen: 46.964 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

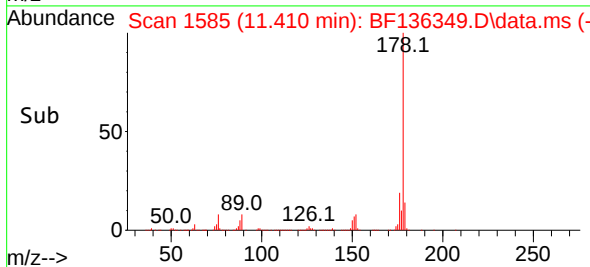
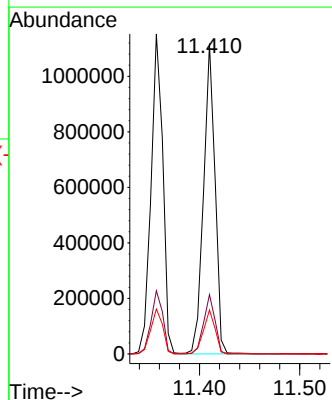
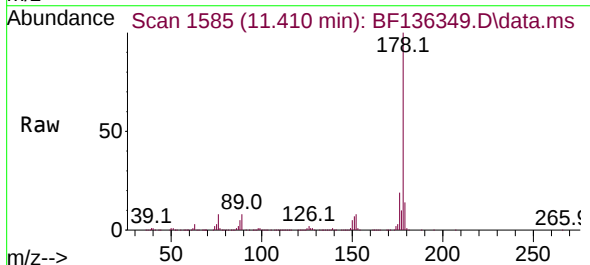
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

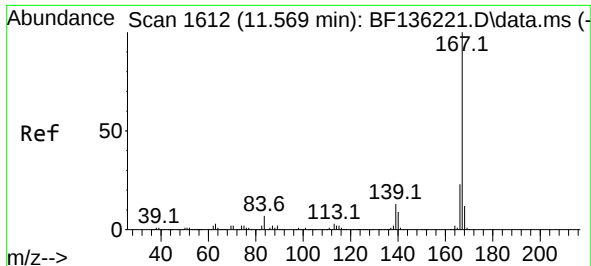
Tgt Ion:178 Resp: 940033
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 14.1 10.3 15.5



#72
Anthracene
Concen: 44.451 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:178 Resp: 892249
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 14.2 10.5 15.7

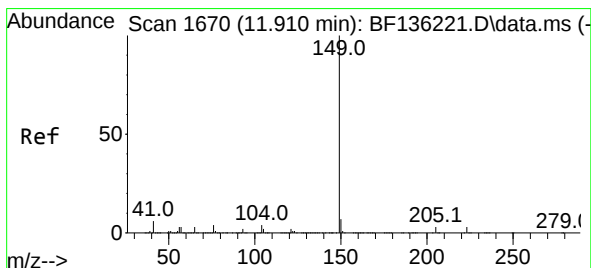
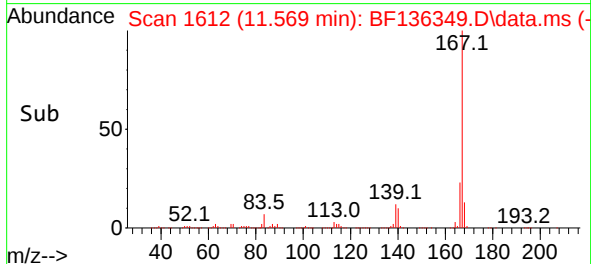
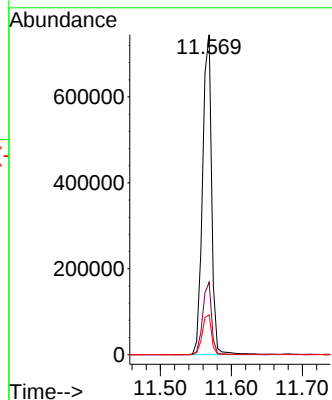
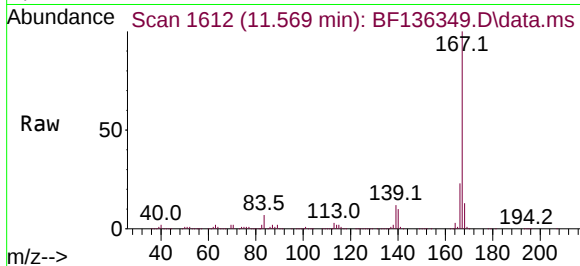




#73
 Carbazole
 Concen: 39.002 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136349.D
 Acq: 01 Dec 2023 21:14

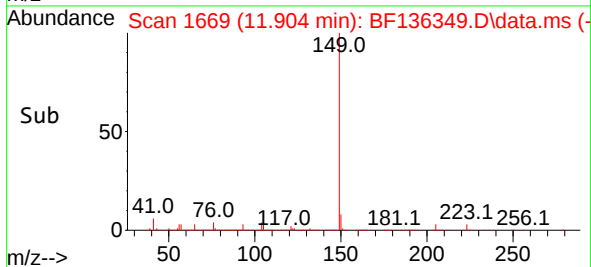
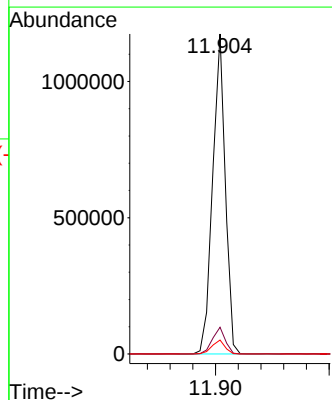
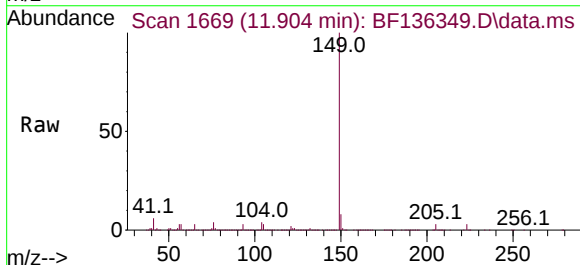
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD

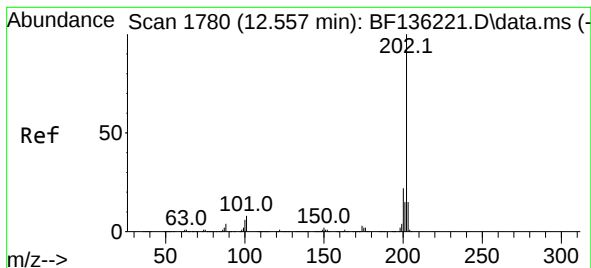
Tgt Ion:167 Resp: 665839
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.4 27.6
 139 12.5 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 42.376 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136349.D
 Acq: 01 Dec 2023 21:14

Tgt Ion:149 Resp: 905164
 Ion Ratio Lower Upper
 149 100
 150 8.4 6.0 9.0
 104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 45.801 ng

RT: 12.551 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

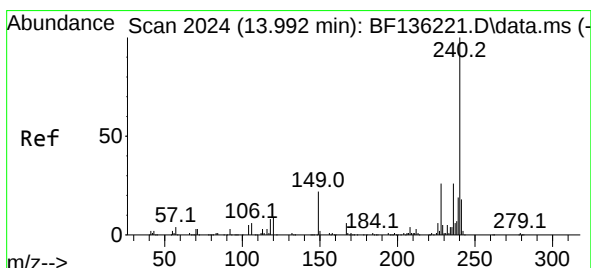
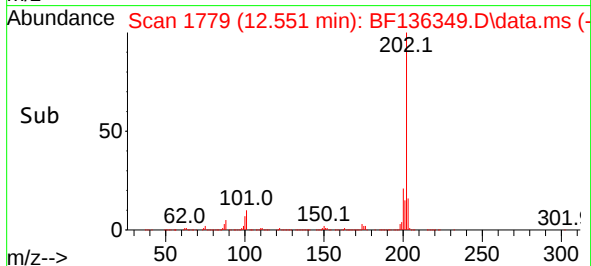
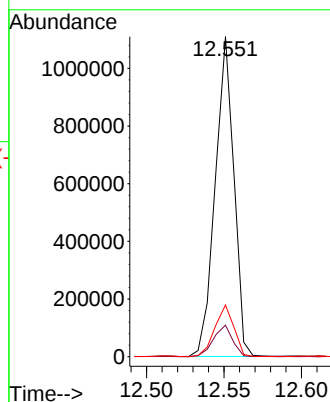
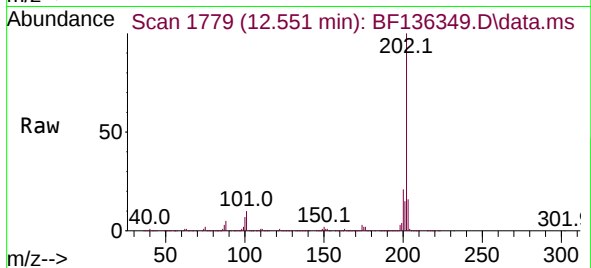
Tgt Ion:202 Resp: 930666

Ion Ratio Lower Upper

202 100

101 9.9 0.0 27.8

203 16.1 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

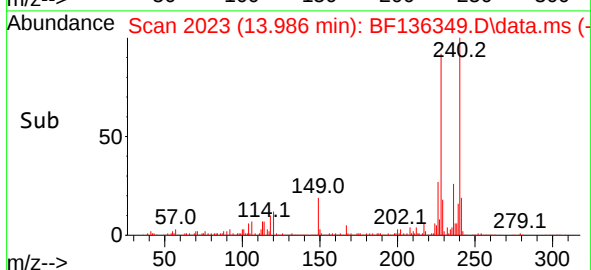
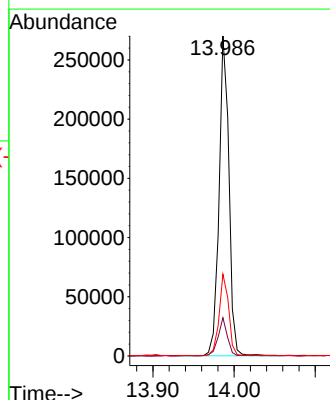
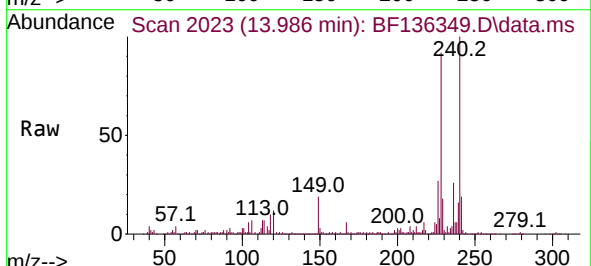
Tgt Ion:240 Resp: 228024

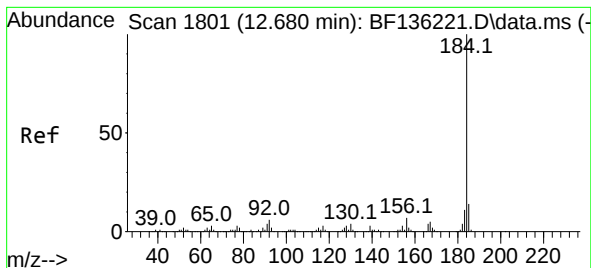
Ion Ratio Lower Upper

240 100

120 11.9 7.4 11.2#

236 25.5 21.1 31.7





#77

Benzidine

Concen: 43.149 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

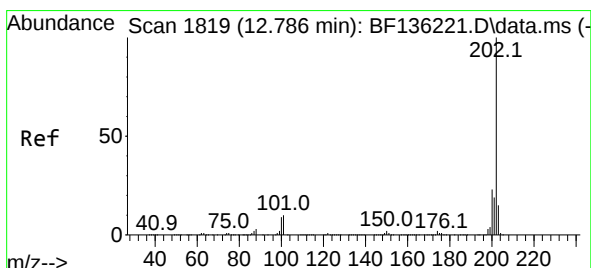
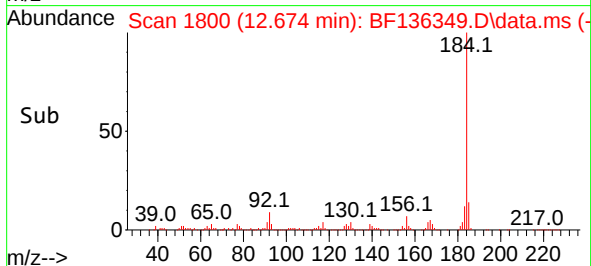
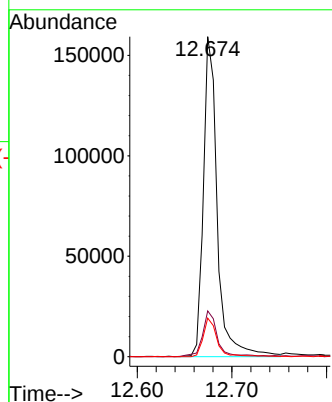
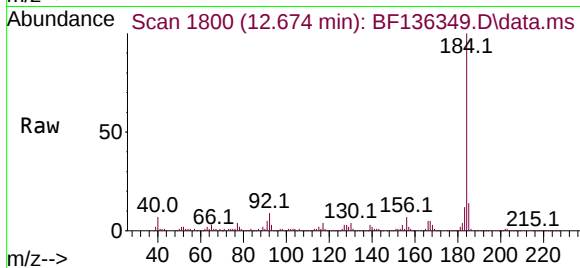
Tgt Ion:184 Resp: 161738

Ion Ratio Lower Upper

184 100

185 14.3 11.0 16.6

183 12.0 9.0 13.4



#78

Pyrene

Concen: 37.535 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

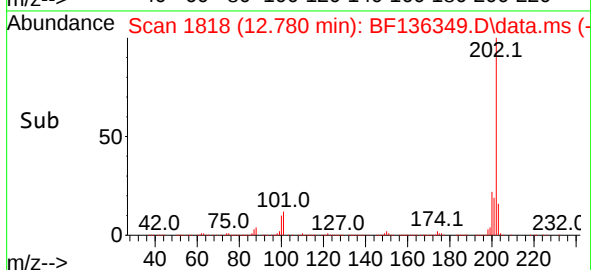
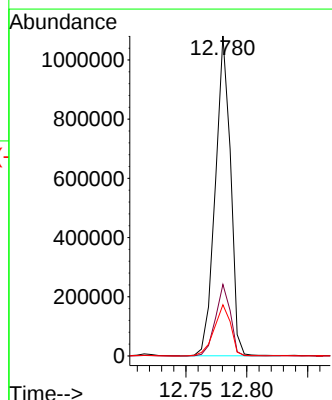
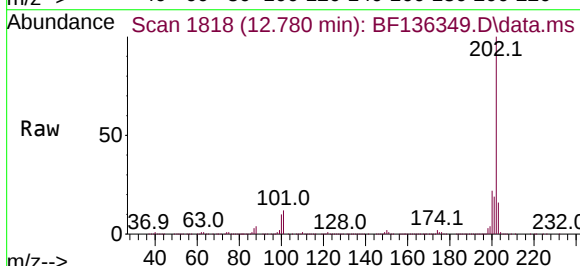
Tgt Ion:202 Resp: 937354

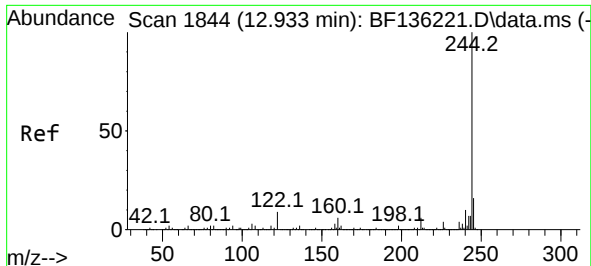
Ion Ratio Lower Upper

202 100

200 22.3 18.4 27.6

203 16.0 11.8 17.6

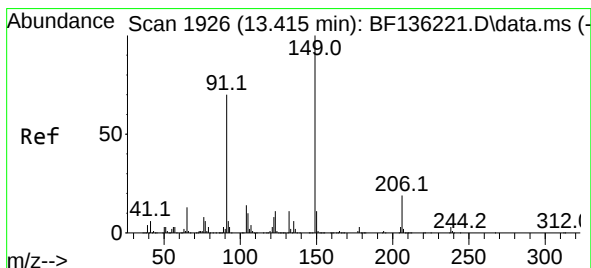
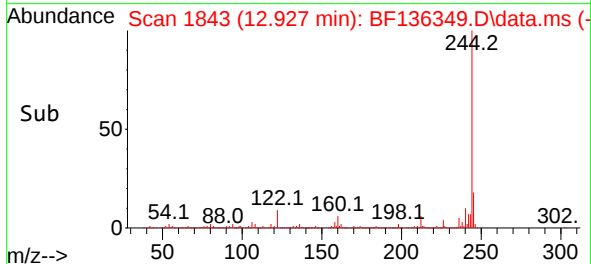
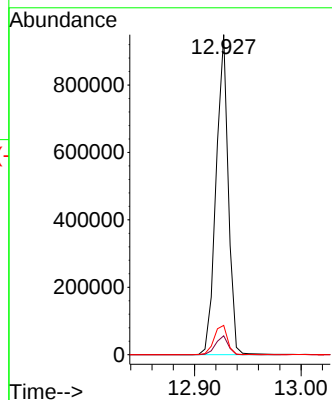
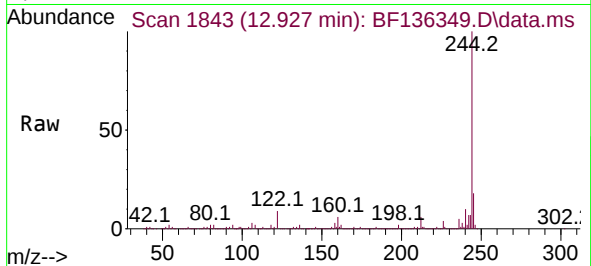




#79
 Terphenyl-d14
 Concen: 38.033 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136349.D
 Acq: 01 Dec 2023 21:14

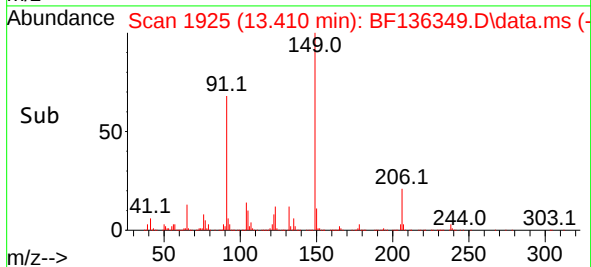
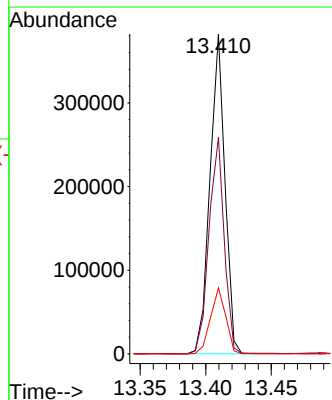
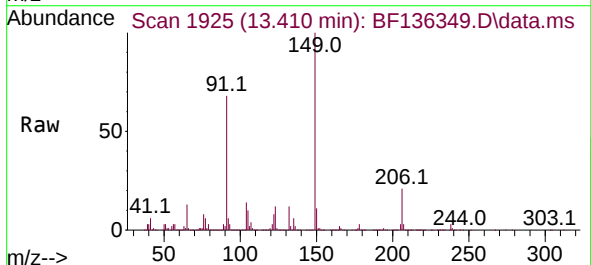
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD

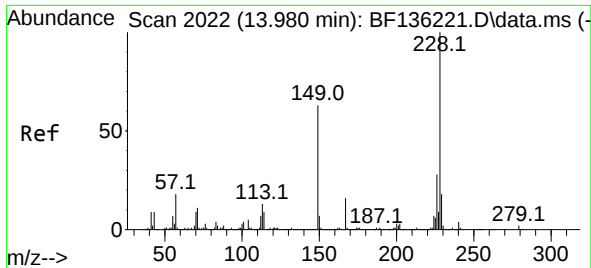
Tgt Ion:244 Resp: 751849
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 9.1 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 39.248 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136349.D
 Acq: 01 Dec 2023 21:14

Tgt Ion:149 Resp: 305037
 Ion Ratio Lower Upper
 149 100
 91 67.7 56.4 84.6
 206 20.7 14.8 22.2

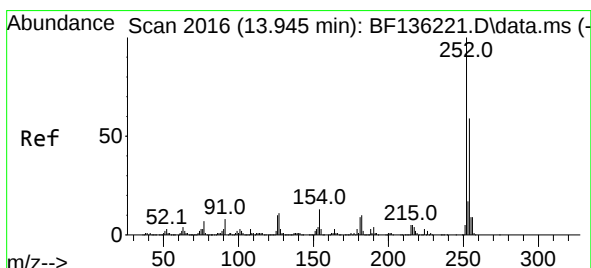
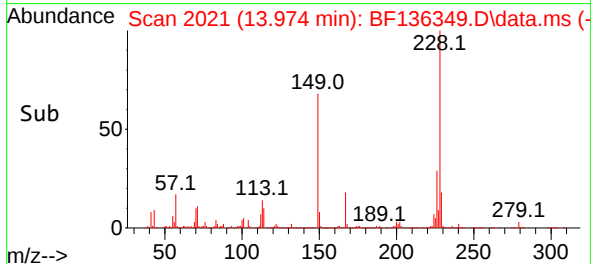
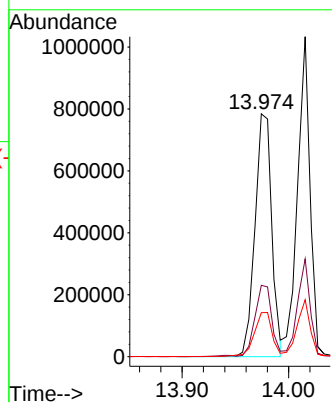
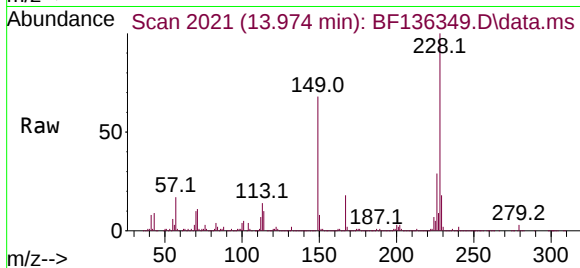




#81
Benzo(a)anthracene
Concen: 50.418 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

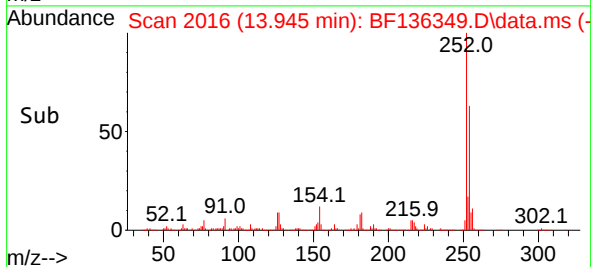
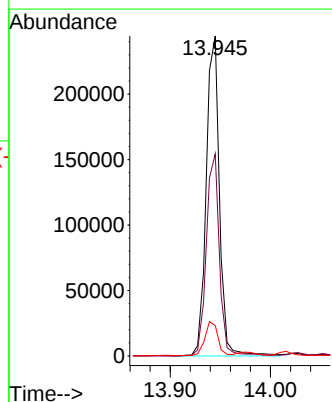
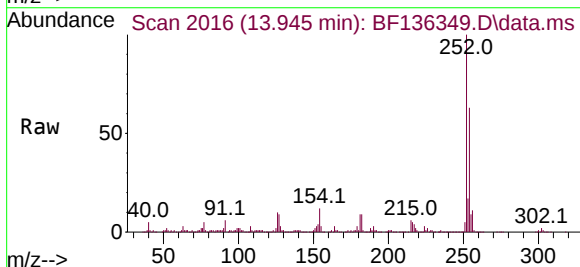
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

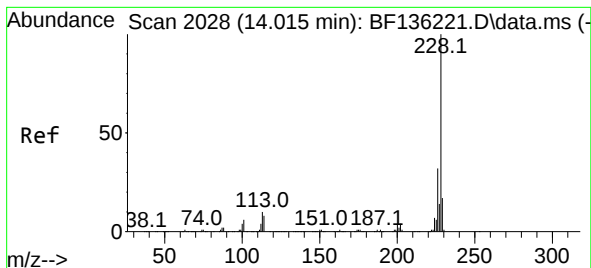
Tgt Ion:228 Resp: 853927
Ion Ratio Lower Upper
228 100
226 29.4 22.6 34.0
229 18.1 14.0 21.0



#82
3,3'-Dichlorobenzidine
Concen: 55.345 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:252 Resp: 225638
Ion Ratio Lower Upper
252 100
254 63.2 47.4 71.2
126 9.5 8.3 12.5





#83

Chrysene

Concen: 51.611 ng

RT: 14.016 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

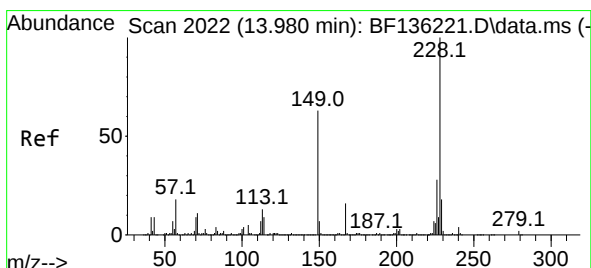
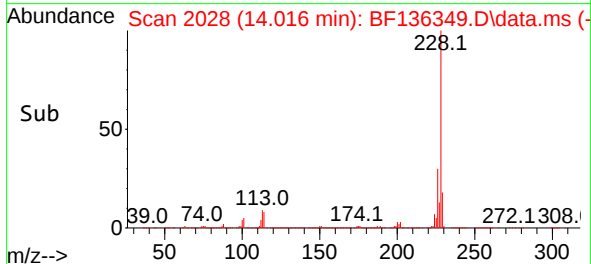
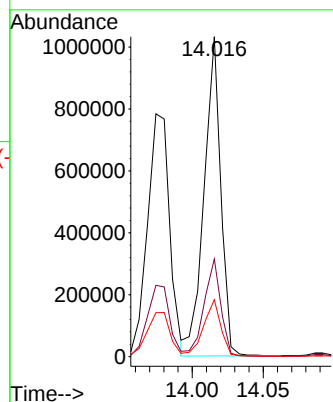
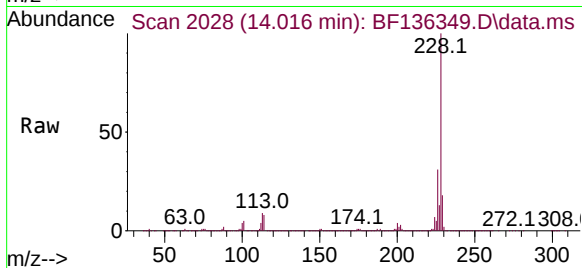
Tgt Ion:228 Resp: 844007

Ion Ratio Lower Upper

228 100

226 30.5 25.5 38.3

229 17.8 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.689 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

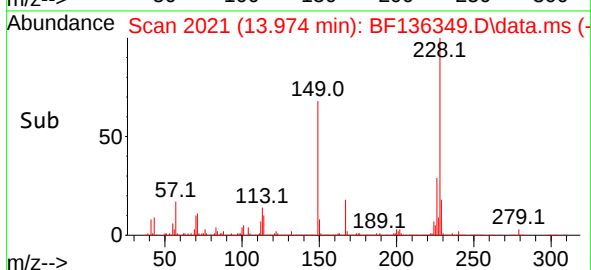
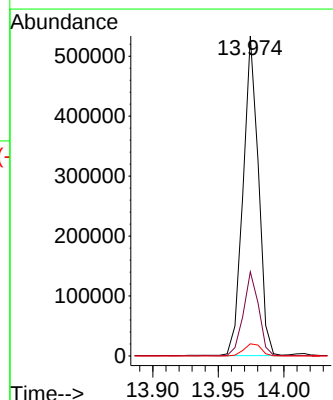
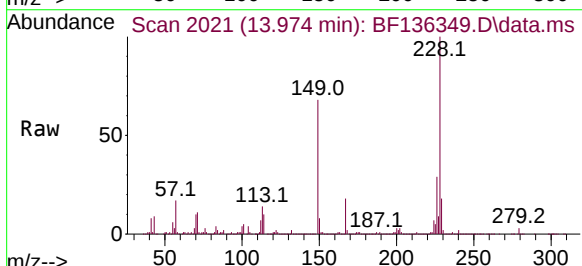
Tgt Ion:149 Resp: 435486

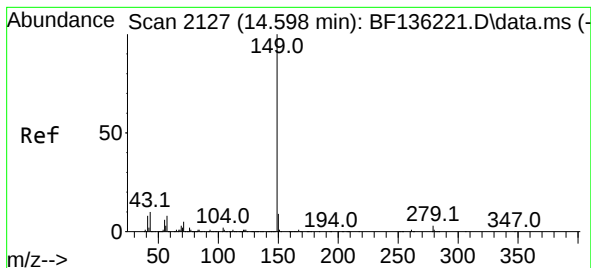
Ion Ratio Lower Upper

149 100

167 26.3 20.2 30.2

279 3.8 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 55.729 ng

RT: 14.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

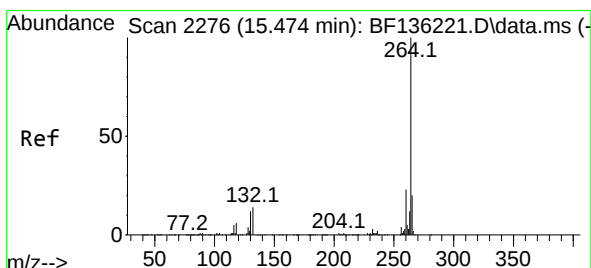
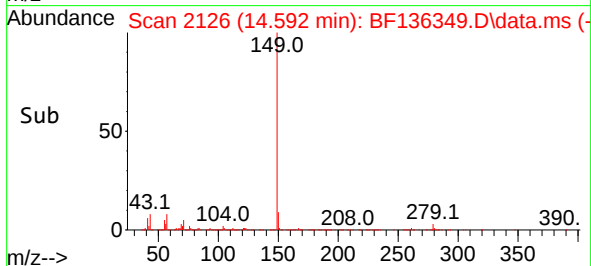
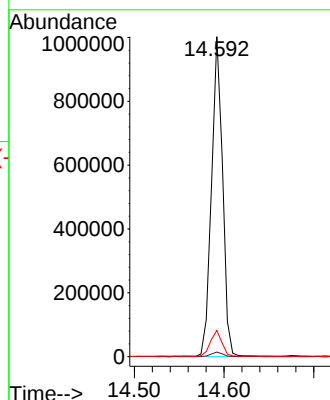
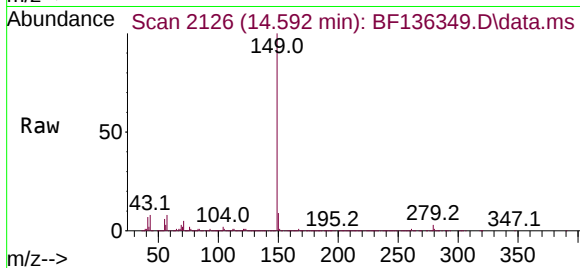
Tgt Ion:149 Resp: 858347

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 8.2 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: BF136349.D

Acq: 01 Dec 2023 21:14

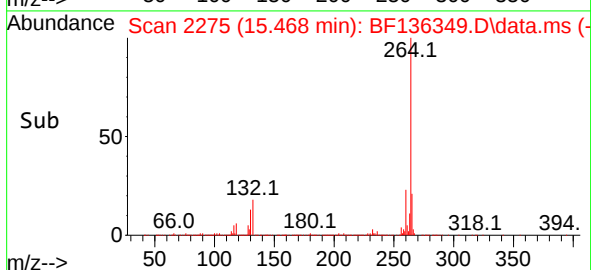
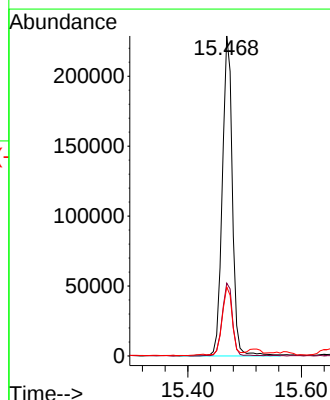
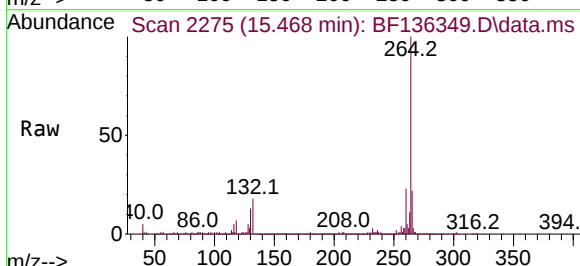
Tgt Ion:264 Resp: 283324

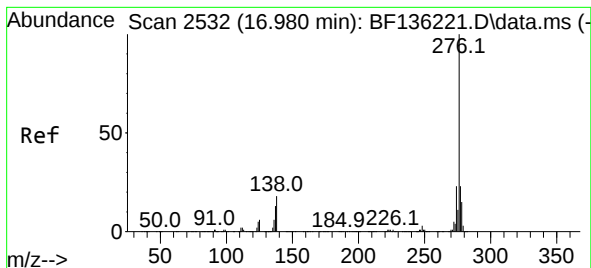
Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 21.6 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.946 ng

RT: 16.980 min Scan# 2

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

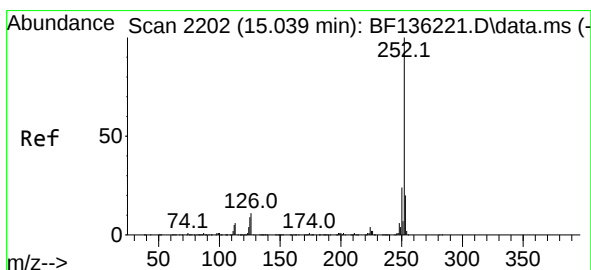
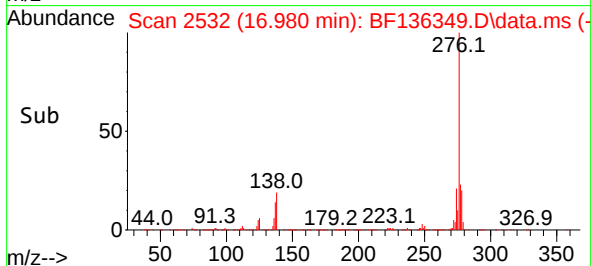
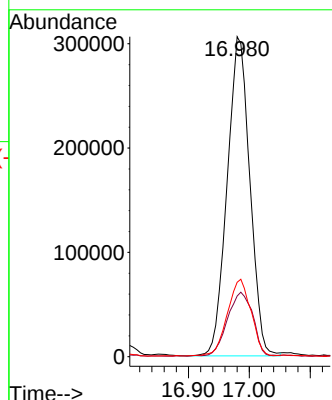
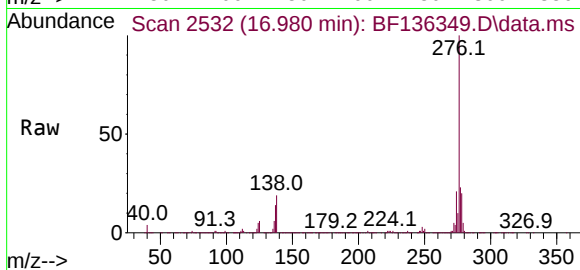
Tgt Ion:276 Resp: 791032

Ion Ratio Lower Upper

276 100

138 22.6 17.7 26.5

277 25.0 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 51.730 ng

RT: 15.039 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF136349.D

Acq: 01 Dec 2023 21:14

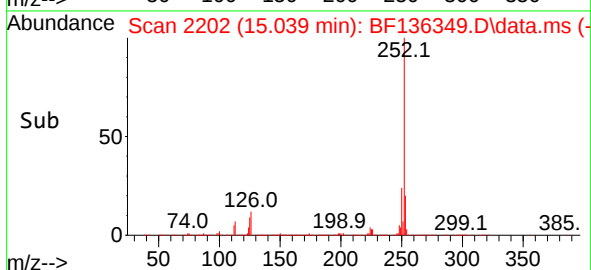
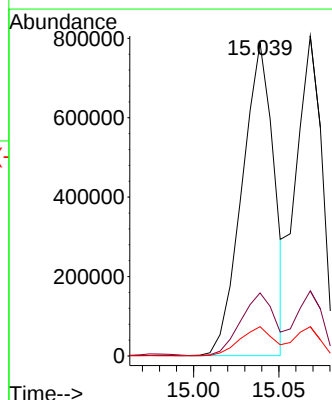
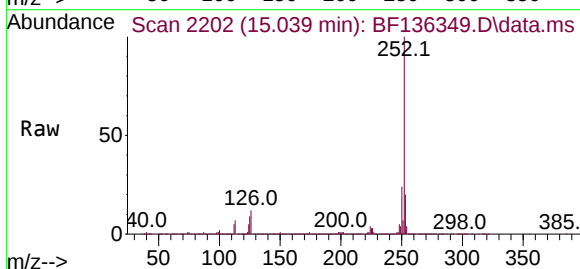
Tgt Ion:252 Resp: 1028272

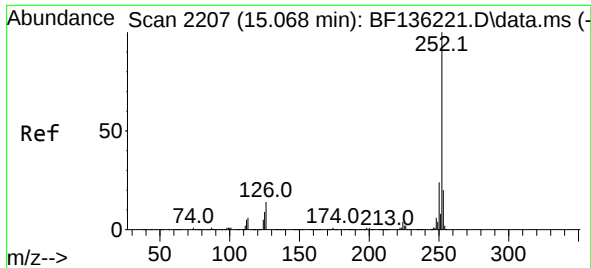
Ion Ratio Lower Upper

252 100

253 20.1 16.2 24.2

125 9.4 6.9 10.3

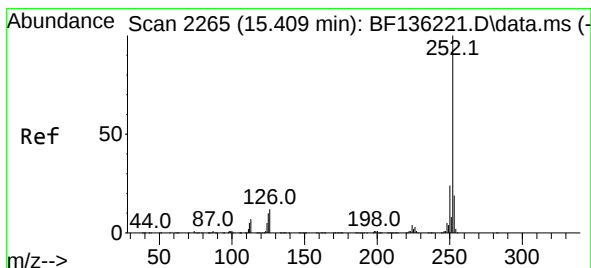
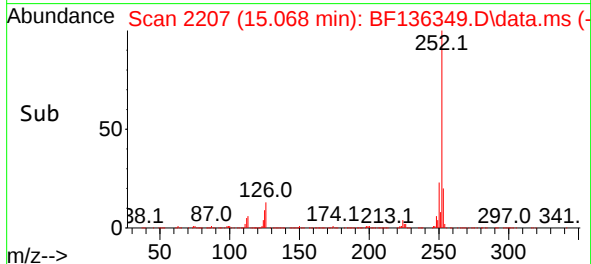
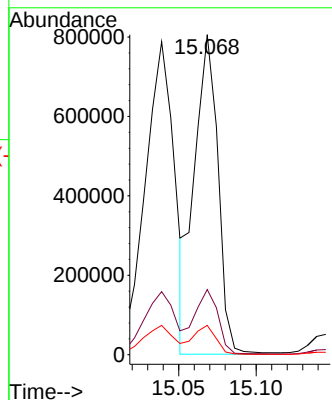
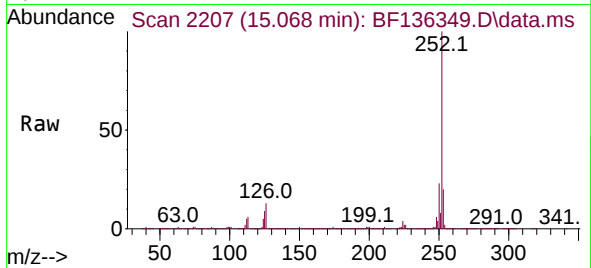




#89
Benzo(k)fluoranthene
Concen: 45.062 ng
RT: 15.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

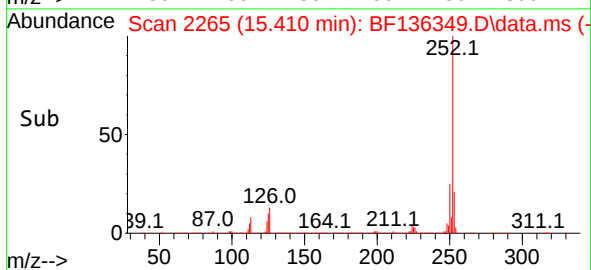
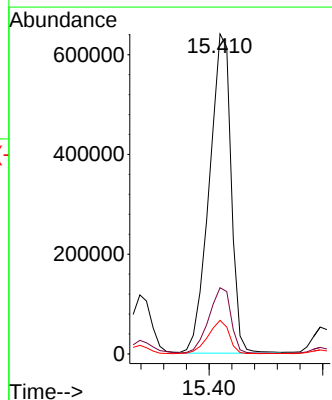
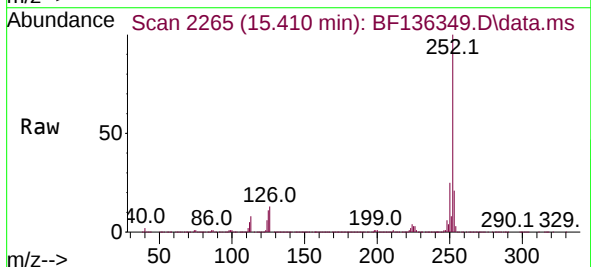
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

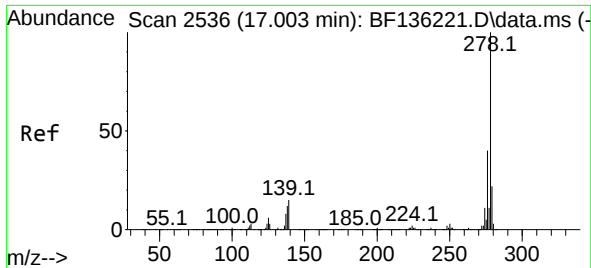
Tgt Ion:252 Resp: 850720
Ion Ratio Lower Upper
252 100
253 20.4 15.6 23.4
125 9.1 7.0 10.4



#90
Benzo(a)pyrene
Concen: 52.655 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.001 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:252 Resp: 855620
Ion Ratio Lower Upper
252 100
253 20.7 15.5 23.3
125 10.5 7.9 11.9

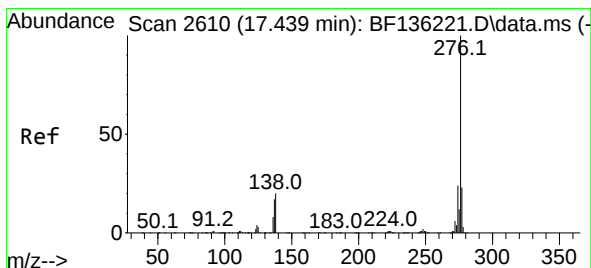
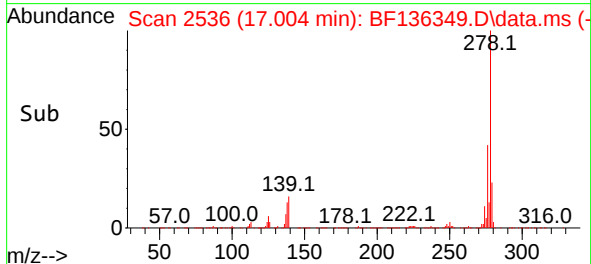
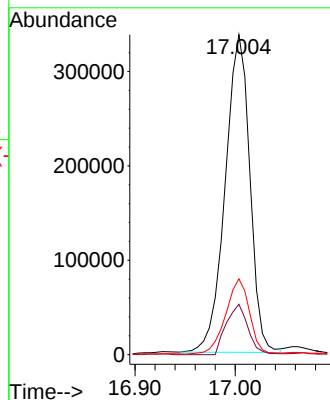
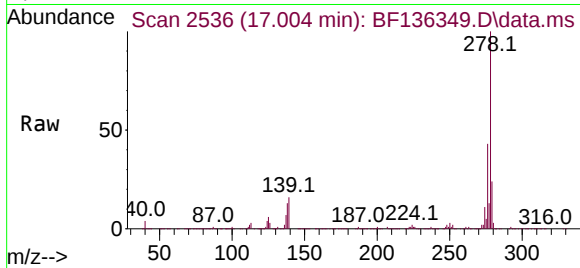




#91
Dibenzo(a,h)anthracene
Concen: 34.531 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.001 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion:278 Resp: 573218
Ion Ratio Lower Upper
278 100
139 15.8 11.7 17.5
279 23.7 17.8 26.8



#92
Benzo(g,h,i)perylene
Concen: 34.359 ng
RT: 17.439 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF136349.D
Acq: 01 Dec 2023 21:14

Tgt Ion:276 Resp: 576438
Ion Ratio Lower Upper
276 100
277 23.9 18.6 27.8
138 20.6 15.8 23.8

