

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136233.D
 Acq On : 27 Nov 2023 21:02
 Operator : CG\JU
 Sample : 05468-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MSD

Quant Time: Nov 28 04:11:45 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	115991	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	494381	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	245518	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	427009	20.000	ng	0.00
76) Chrysene-d12	13.986	240	216714	20.000	ng	0.00
86) Perylene-d12	15.468	264	227811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1147450	137.690	ng	0.02
7) Phenol-d6	6.445	99	1313824	126.086	ng	0.00
23) Nitrobenzene-d5	7.369	82	932710	99.695	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	432529	144.096	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1923558	100.073	ng	0.00
79) Terphenyl-d14	12.927	244	1537714	81.847	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	149400	47.380	ng	# 83
3) Pyridine	3.487	79	305814	39.289	ng	98
4) n-Nitrosodimethylamine	3.440	42	196242	49.876	ng	93
6) Aniline	6.475	93	142151	14.433	ng	98
8) 2-Chlorophenol	6.592	128	457641	50.435	ng	95
9) Benzaldehyde	6.357	77	30329	5.222	ng	94
10) Phenol	6.457	94	492996	44.100	ng	96
11) bis(2-Chloroethyl)ether	6.551	93	417166	50.868	ng	97
12) 1,3-Dichlorobenzene	6.745	146	454237	44.111	ng	97
13) 1,4-Dichlorobenzene	6.822	146	474584	45.336	ng	98
14) 1,2-Dichlorobenzene	6.975	146	446115	45.015	ng	99
15) Benzyl Alcohol	6.951	79	382121	52.304	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	567860	49.851	ng	99
17) 2-Methylphenol	7.063	107	358190	50.211	ng	98
18) Hexachloroethane	7.316	117	161994	44.117	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	321560	51.598	ng	99
20) 3+4-Methylphenols	7.210	107	443205	47.804	ng	98
22) Acetophenone	7.216	105	682449	52.560	ng	# 94
24) Nitrobenzene	7.387	77	460751	48.598	ng	98
25) Isophorone	7.628	82	879439	52.132	ng	98
26) 2-Nitrophenol	7.698	139	218862	54.180	ng	95
27) 2,4-Dimethylphenol	7.739	122	334806	62.970	ng	100
28) bis(2-Chloroethoxy)met...	7.839	93	530309	51.971	ng	98
29) 2,4-Dichlorophenol	7.939	162	378829	52.824	ng	96
30) 1,2,4-Trichlorobenzene	8.022	180	425986	48.516	ng	99
31) Naphthalene	8.104	128	1391959	50.092	ng	98
32) Benzoic acid	7.863	122	237566	49.026	ng	99
33) 4-Chloroaniline	8.151	127	45171	4.782	ng	97
34) Hexachlorobutadiene	8.222	225	240782	46.874	ng	99
35) Caprolactam	8.528	113	67190	33.514	ng	94
36) 4-Chloro-3-methylphenol	8.639	107	386748	49.723	ng	98
37) 2-Methylnaphthalene	8.798	142	861264	49.409	ng	98
38) 1-Methylnaphthalene	8.898	142	828317	48.712	ng	98
40) 1,2,4,5-Tetrachloroben...	8.963	216	419048	53.630	ng	98
41) Hexachlorocyclopentadiene	8.951	237	451461	150.159	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	273045	53.838	ng	96

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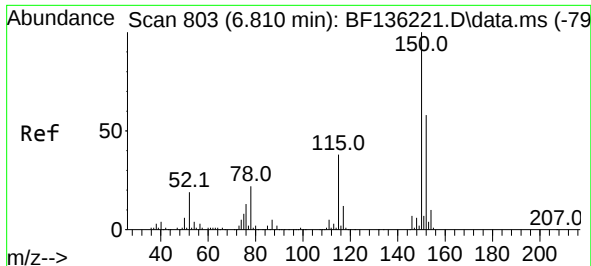
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	278187	50.263	ng	98
46) 1,1'-Biphenyl	9.263	154	1175713	54.303	ng	98
47) 2-Chloronaphthalene	9.286	162	875924	52.095	ng	98
48) 2-Nitroaniline	9.386	65	225547	51.380	ng	90
49) Acenaphthylene	9.704	152	1373545	57.244	ng	99
50) Dimethylphthalate	9.569	163	1024963	55.234	ng	100
51) 2,6-Dinitrotoluene	9.628	165	197192	52.016	ng	94
52) Acenaphthene	9.875	154	789039	52.036	ng	99
53) 3-Nitroaniline	9.792	138	19271	5.123	ng	# 90
54) 2,4-Dinitrophenol	9.904	184	187161	106.152	ng	97
55) Dibenzofuran	10.051	168	1190206	52.749	ng	99
56) 4-Nitrophenol	9.963	139	243880	85.365	ng	94
57) 2,4-Dinitrotoluene	10.033	165	265046	52.340	ng	93
58) Fluorene	10.392	166	910511	51.446	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	223614	50.780	ng	99
60) Diethylphthalate	10.275	149	965733	52.026	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	440484	51.249	ng	94
62) 4-Nitroaniline	10.416	138	154336	41.917	ng	98
63) Azobenzene	10.551	77	897274	52.140	ng	95
65) 4,6-Dinitro-2-methylph...	10.439	198	118952	50.941	ng	99
66) n-Nitrosodiphenylamine	10.510	169	777619	56.826	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	272518	54.703	ng	95
68) Hexachlorobenzene	10.939	284	317950	55.145	ng	# 94
69) Atrazine	11.039	200	234797	57.841	ng	98
70) Pentachlorophenol	11.139	266	323198	99.168	ng	98
71) Phenanthrene	11.357	178	1330245	55.427	ng	99
72) Anthracene	11.410	178	1332719	55.374	ng	99
73) Carbazole	11.569	167	1005694	49.131	ng	99
74) Di-n-butylphthalate	11.904	149	1481750	57.854	ng	100
75) Fluoranthene	12.551	202	1190855	48.878	ng	97
77) Benzidine	12.674	184	91910	25.800	ng	96
78) Pyrene	12.780	202	1169192	49.262	ng	98
80) Butylbenzylphthalate	13.416	149	434076	58.766	ng	93
81) Benzo(a)anthracene	13.974	228	840937	52.242	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	82312	21.243	ng	97
83) Chrysene	14.015	228	807331	51.945	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	599286	67.603	ng	# 99
85) Di-n-octyl phthalate	14.598	149	955754	64.406	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	753526	44.460	ng	99
88) Benzo(b)fluoranthene	15.033	252	845465	52.898	ng	99
89) Benzo(k)fluoranthene	15.063	252	738038	48.619	ng	98
90) Benzo(a)pyrene	15.404	252	688005	52.658	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	621433	45.612	ng	98
92) Benzo(g,h,i)perylene	17.433	276	569837	41.806	ng	98

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

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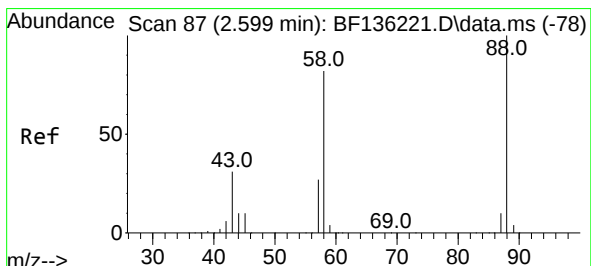
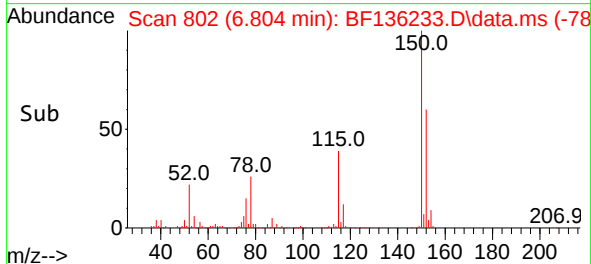
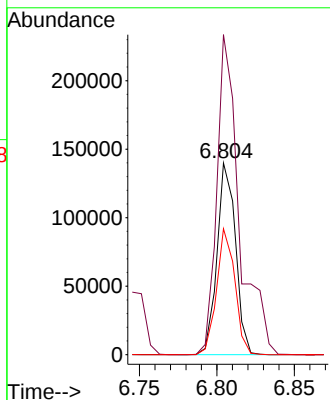
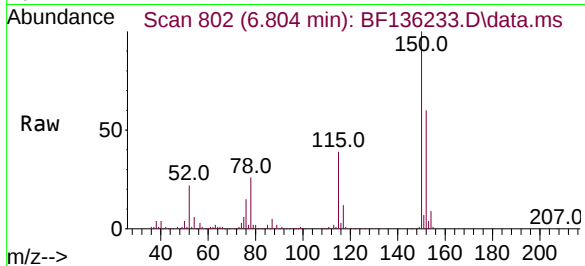




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136233.D
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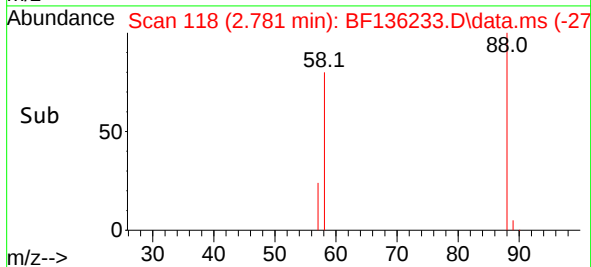
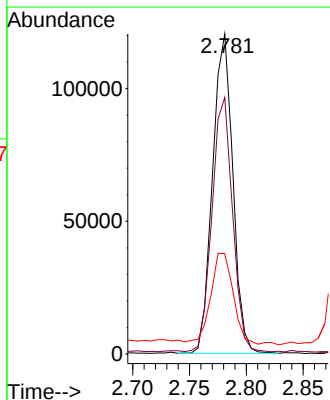
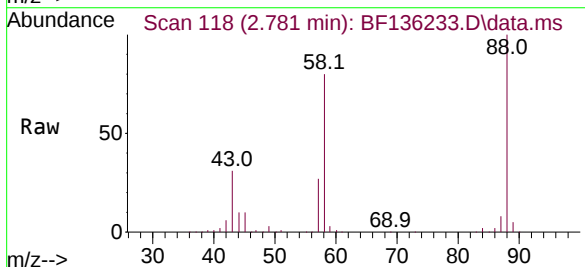
Instrument :
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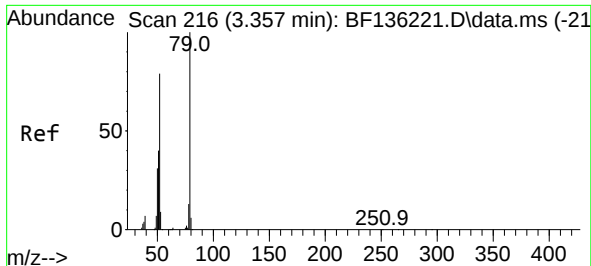
Tgt Ion:152 Resp: 115991
Ion Ratio Lower Upper
152 100
150 167.0 137.8 206.8
115 65.7 52.7 79.1



#2
1,4-Dioxane
Concen: 47.380 ng
RT: 2.781 min Scan# 118
Delta R.T. 0.182 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion: 88 Resp: 149400
Ion Ratio Lower Upper
88 100
58 80.7 65.9 98.9
43 0.0 24.8 37.2

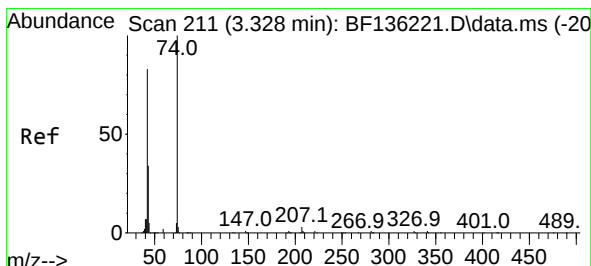
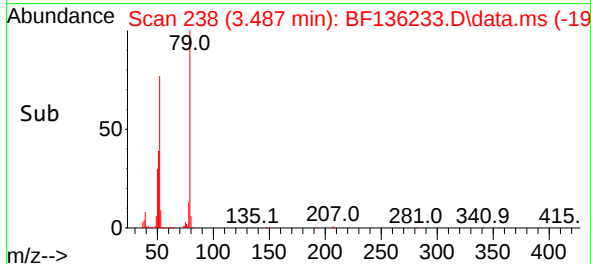
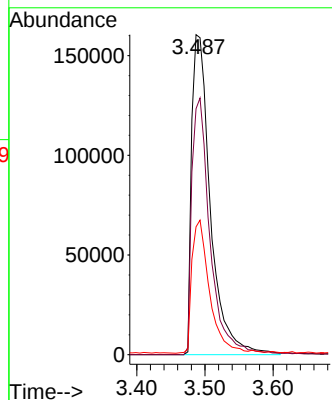
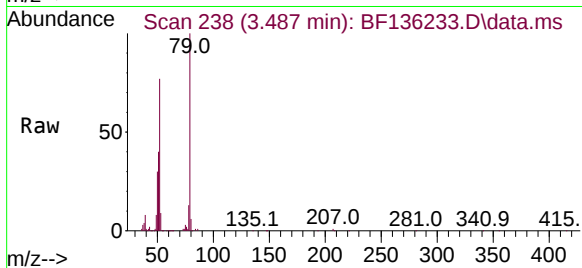




#3
Pyridine
Concen: 39.289 ng
RT: 3.487 min Scan# 216
Delta R.T. 0.129 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

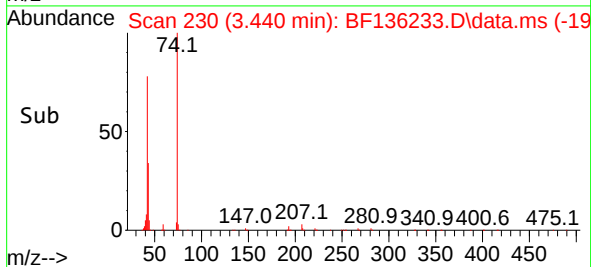
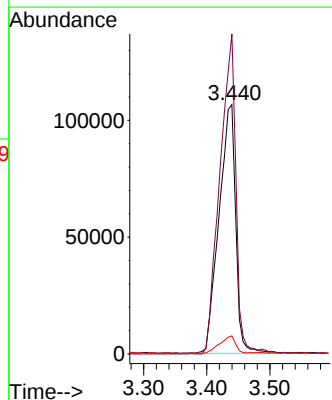
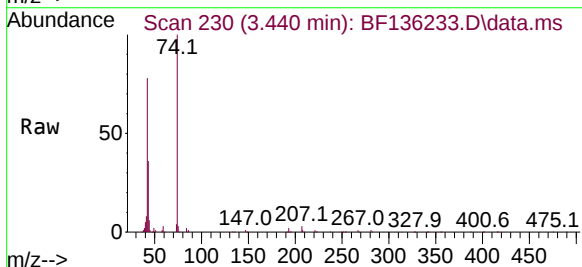
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

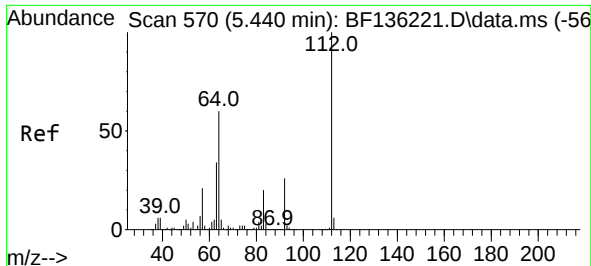
Tgt Ion: 79 Resp: 305814
Ion Ratio Lower Upper
79 100
52 76.8 63.2 94.8
51 39.9 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 49.876 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.112 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion: 42 Resp: 196242
Ion Ratio Lower Upper
42 100
74 128.3 96.6 144.8
44 7.3 5.4 8.2

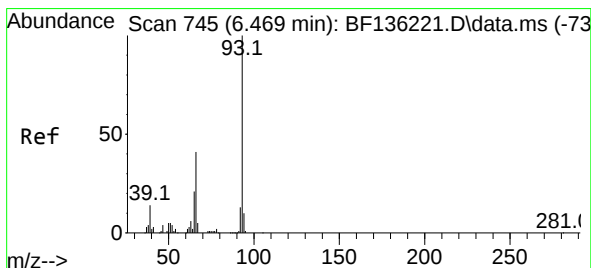
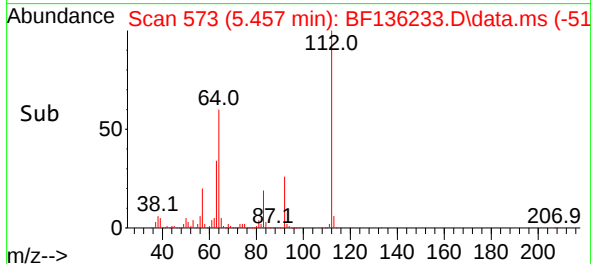
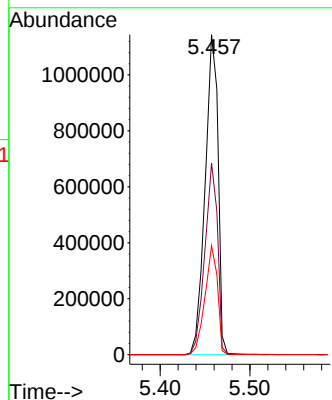
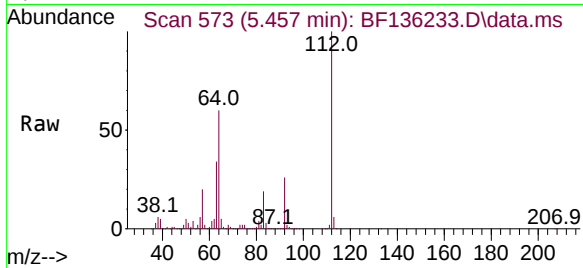




#5
2-Fluorophenol
Concen: 137.690 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

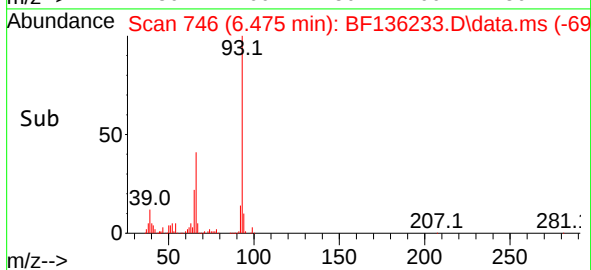
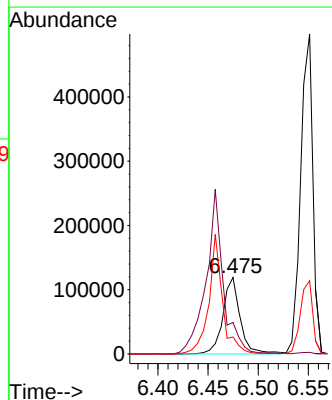
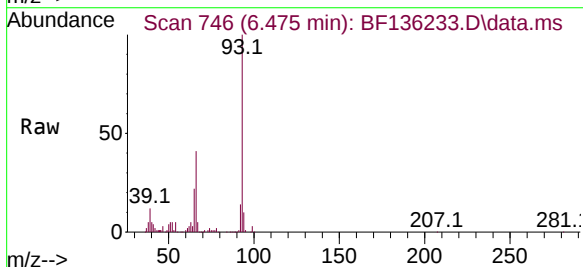
Instrument :
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ClientSampleId :
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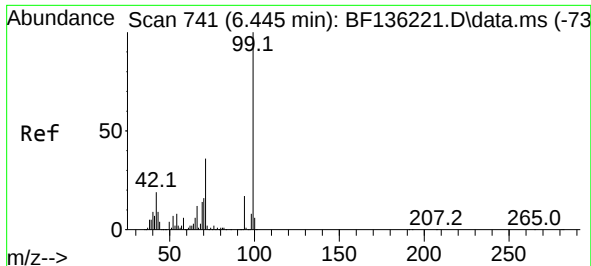
Tgt Ion:112 Resp: 1147450
Ion Ratio Lower Upper
112 100
64 59.9 48.2 72.4
63 34.1 27.0 40.6



#6
Aniline
Concen: 14.433 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion: 93 Resp: 142151
Ion Ratio Lower Upper
93 100
66 41.3 34.1 51.1
65 22.2 17.3 25.9





#7

Phenol-d6

Concen: 126.086 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Instrument :

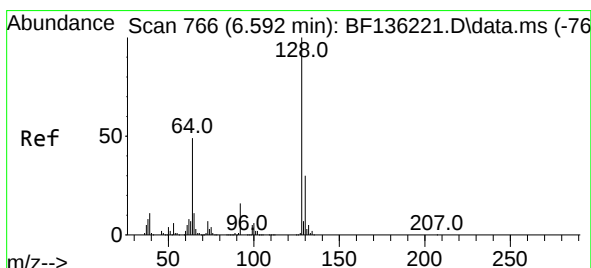
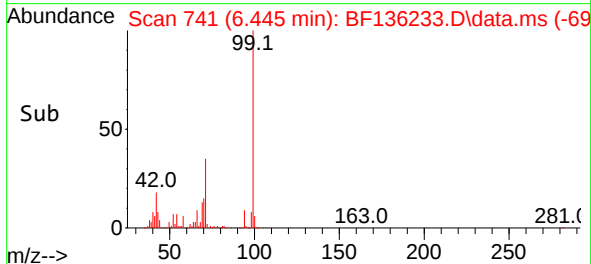
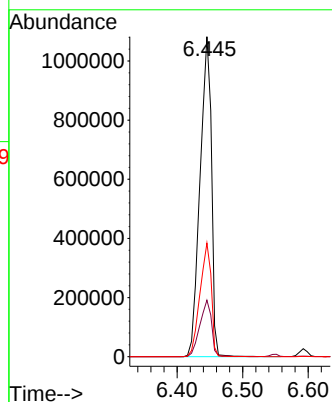
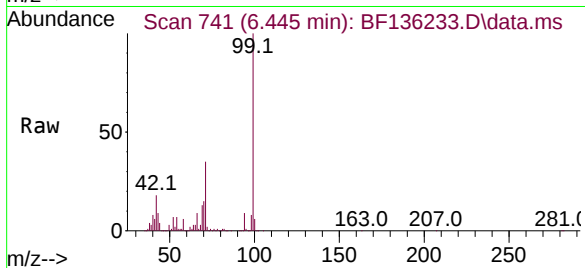
BNA_F

ClientSampleId :

TP-9MSD

Tgt Ion: 99 Resp: 1313824

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.6
71	35.5	28.9	43.3



#8

2-Chlorophenol

Concen: 50.435 ng

RT: 6.592 min Scan# 766

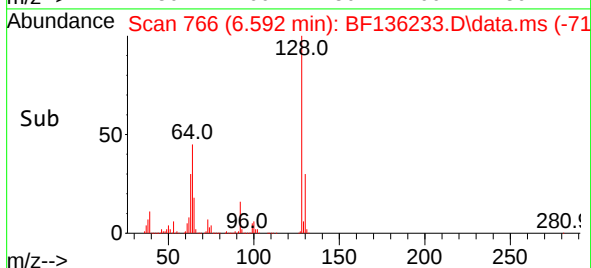
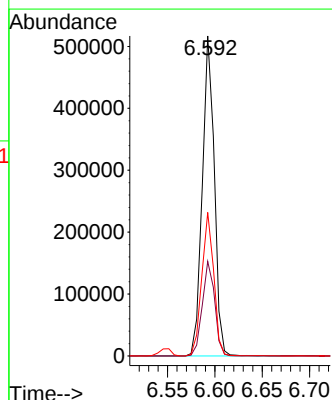
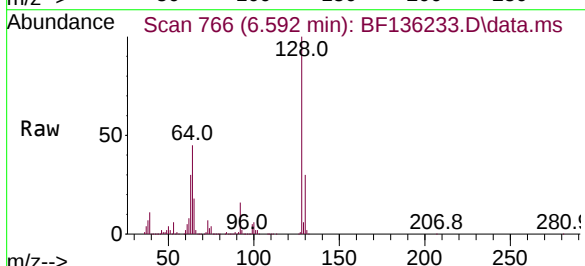
Delta R.T. 0.000 min

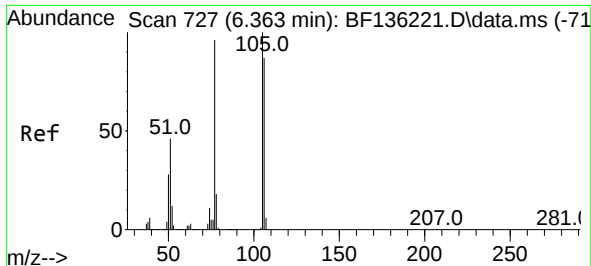
Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Tgt Ion:128 Resp: 457641

Ion	Ratio	Lower	Upper
128	100		
130	29.6	10.3	50.3
64	44.8	30.0	70.0

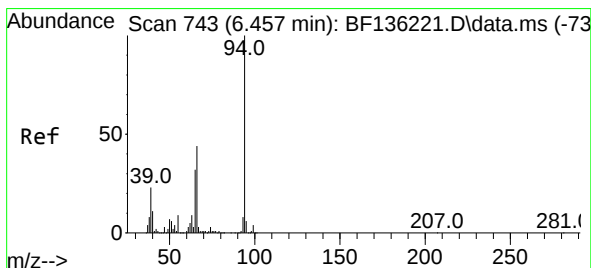
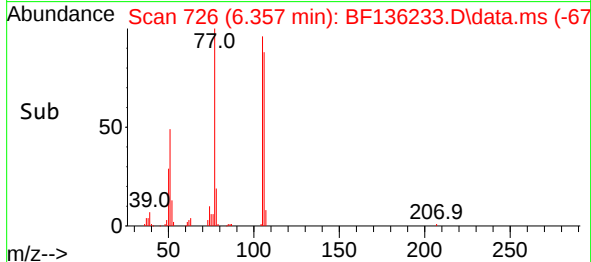
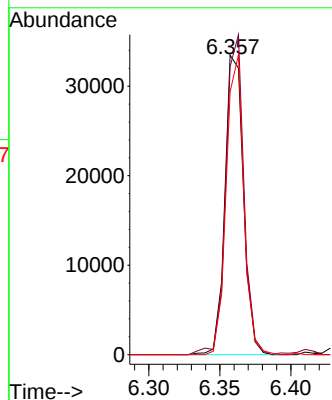
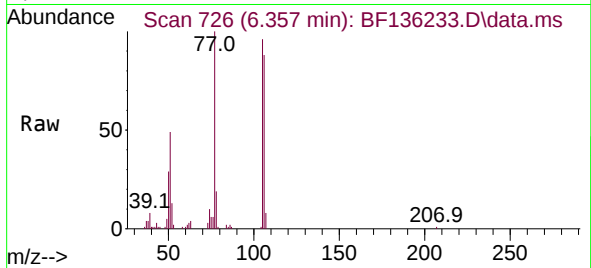




#9
Benzaldehyde
Concen: 5.222 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

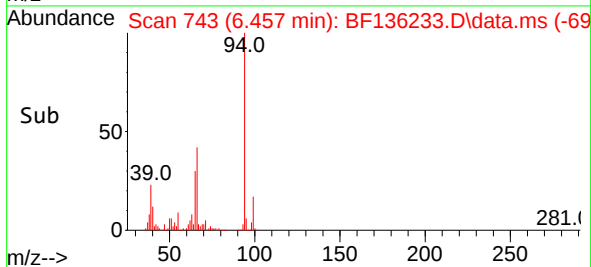
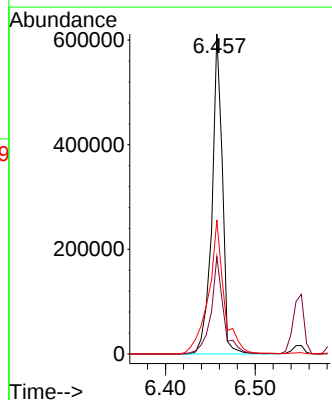
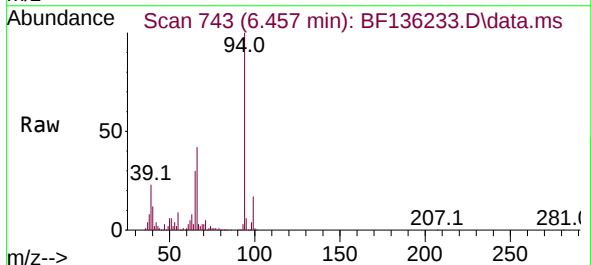
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ClientSampleId :
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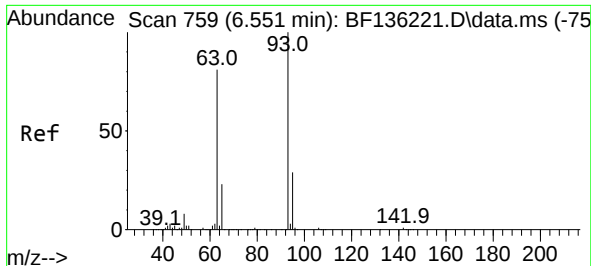
Tgt Ion: 77 Resp: 30329
Ion Ratio Lower Upper
77 100
105 96.2 84.3 124.3
106 87.8 71.0 111.0



#10
Phenol
Concen: 44.100 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion: 94 Resp: 492996
Ion Ratio Lower Upper
94 100
65 30.4 12.5 52.5
66 41.9 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 50.868 ng

RT: 6.551 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Instrument :

BNA_F

ClientSampleId :

TP-9MSD

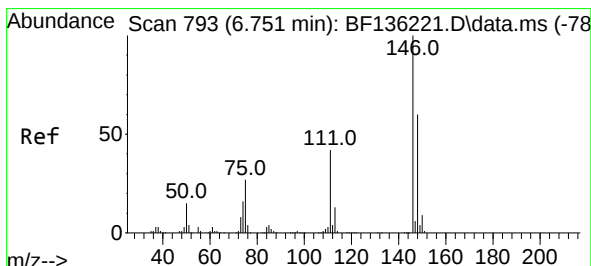
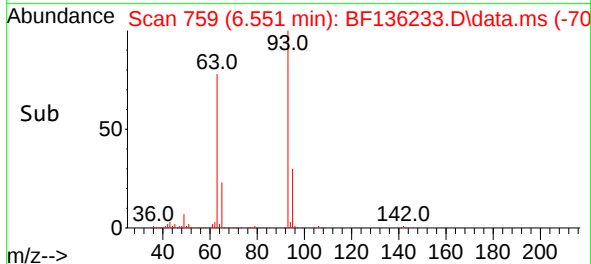
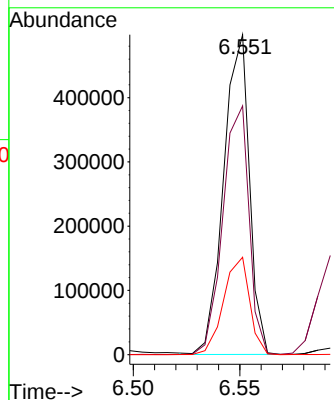
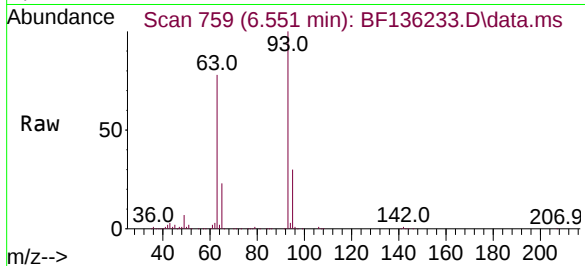
Tgt Ion: 93 Resp: 417166

Ion Ratio Lower Upper

93 100

63 77.7 60.2 100.2

95 30.4 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 44.111 ng

RT: 6.745 min Scan# 792

Delta R.T. -0.006 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

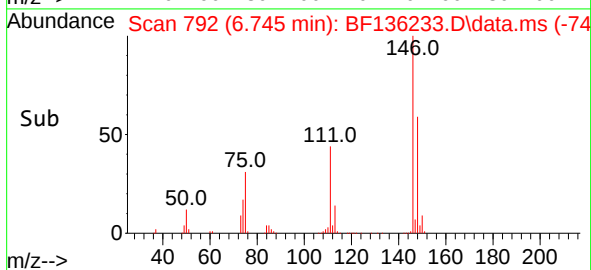
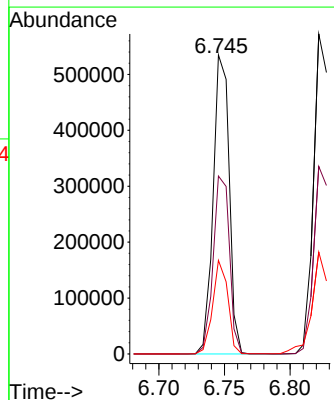
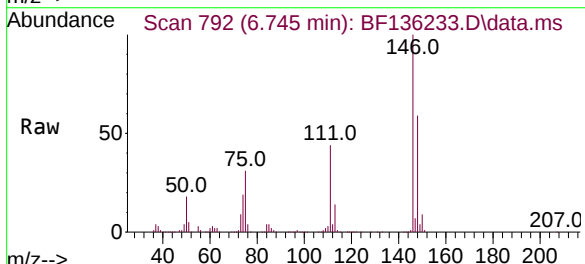
Tgt Ion:146 Resp: 454237

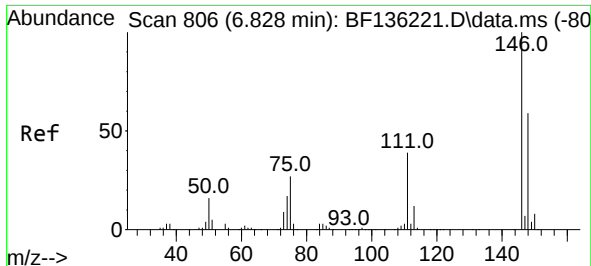
Ion Ratio Lower Upper

146 100

148 59.5 47.8 71.6

75 31.3 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 45.336 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Instrument :

BNA_F

ClientSampleId :

TP-9MSD

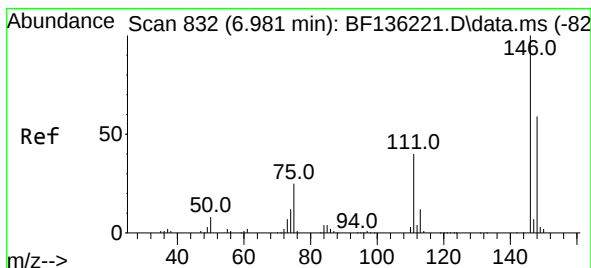
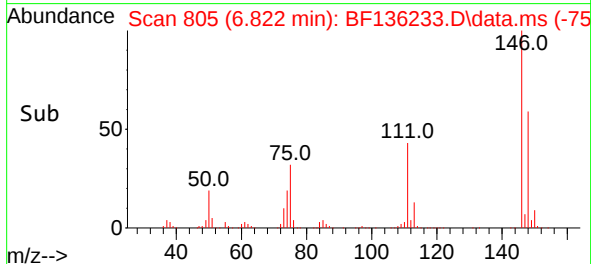
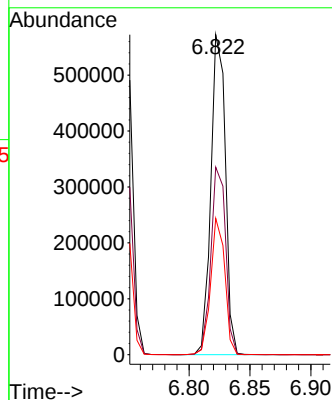
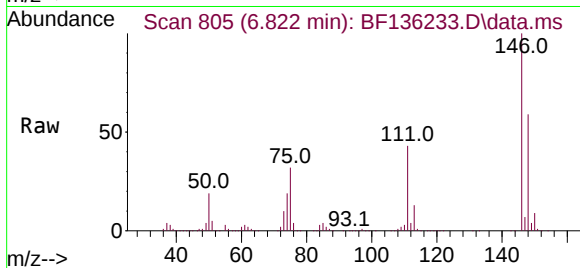
Tgt Ion:146 Resp: 474584

Ion Ratio Lower Upper

146 100

148 58.6 47.0 70.6

111 42.6 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 45.015 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

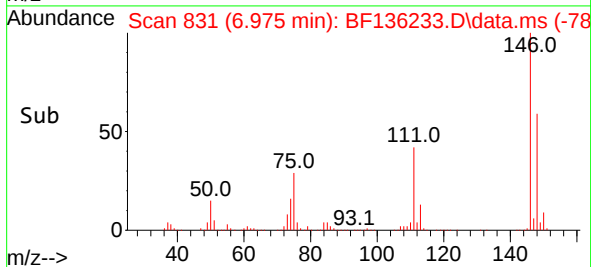
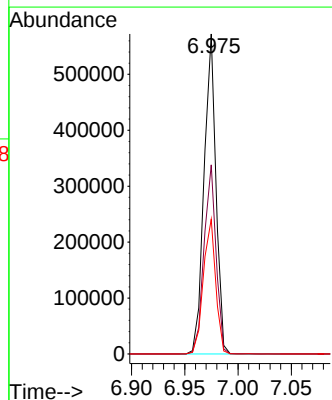
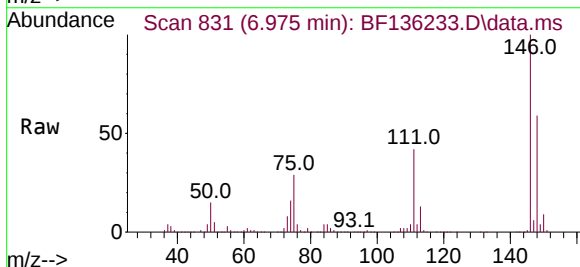
Tgt Ion:146 Resp: 446115

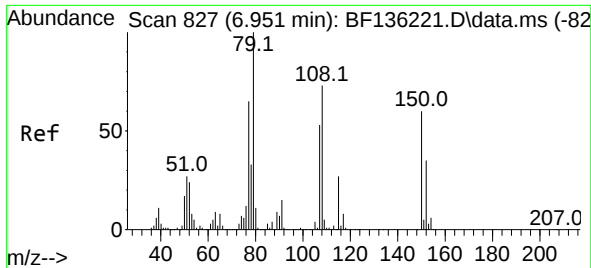
Ion Ratio Lower Upper

146 100

148 59.1 47.3 70.9

111 42.1 32.4 48.6

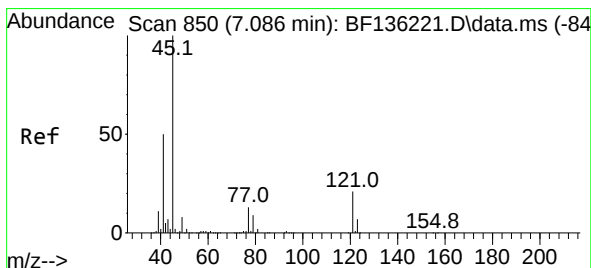
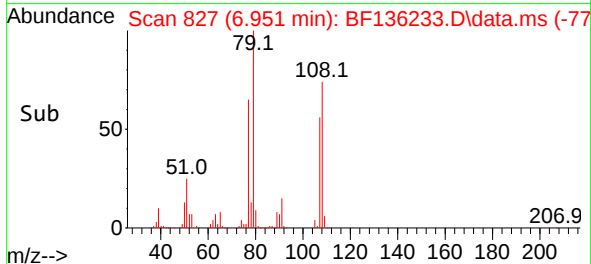
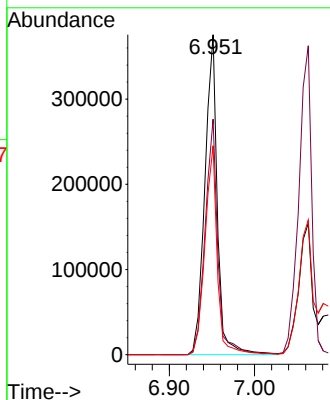
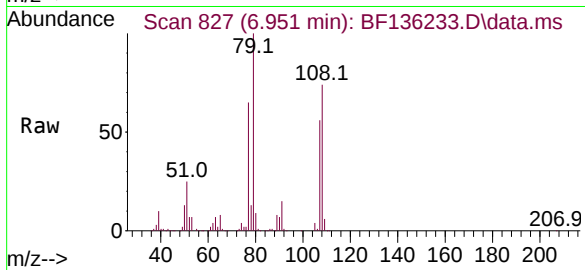




#15
Benzyl Alcohol
Concen: 52.304 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

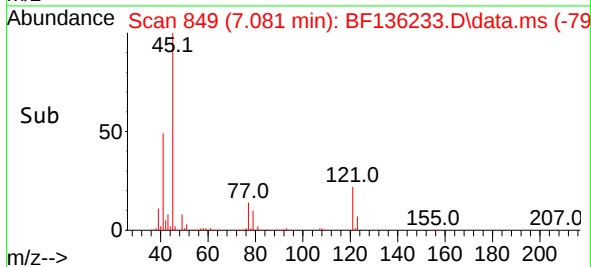
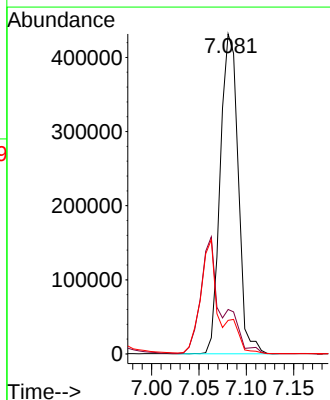
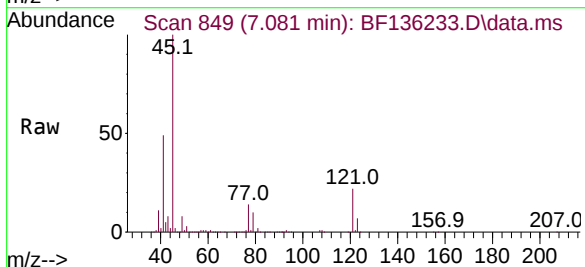
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

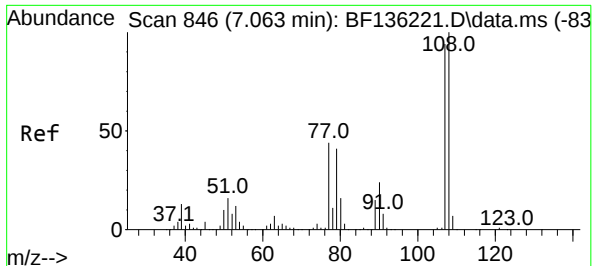
Tgt Ion: 79 Resp: 382121
Ion Ratio Lower Upper
79 100
108 73.6 58.1 87.1
77 65.3 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.851 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion: 45 Resp: 567860
Ion Ratio Lower Upper
45 100
77 13.9 0.0 34.0
79 10.5 0.0 30.1

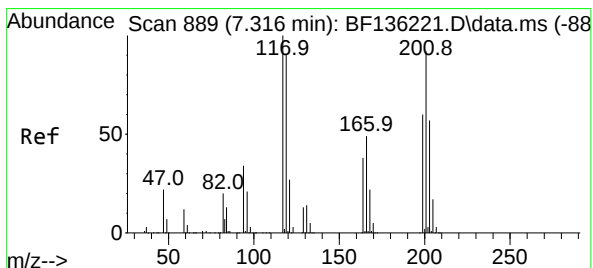
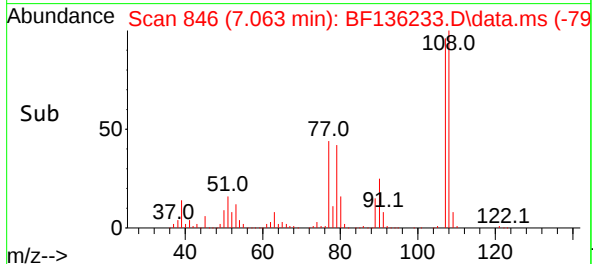
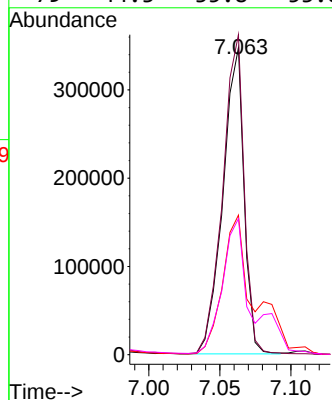
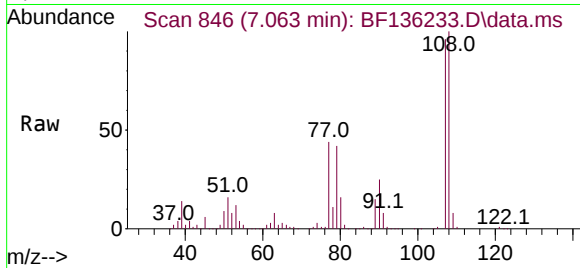




#17
2-Methylphenol
Concen: 50.211 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

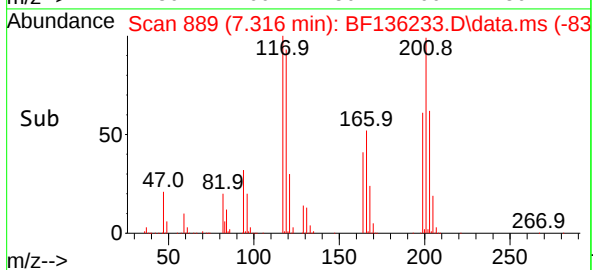
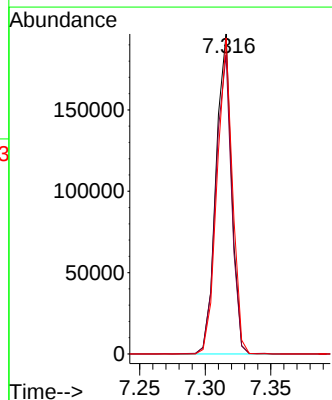
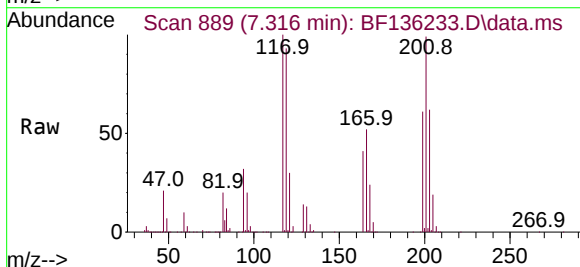
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

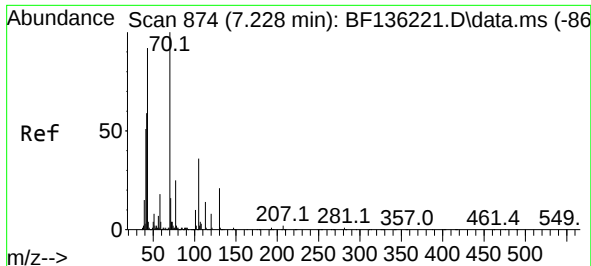
Tgt Ion:107 Resp: 358190
Ion Ratio Lower Upper
107 100
108 104.2 85.4 128.0
77 45.4 37.4 56.2
79 44.3 35.8 53.8



#18
Hexachloroethane
Concen: 44.117 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:117 Resp: 161994
Ion Ratio Lower Upper
117 100
119 93.5 71.6 107.4
201 98.8 73.4 110.2

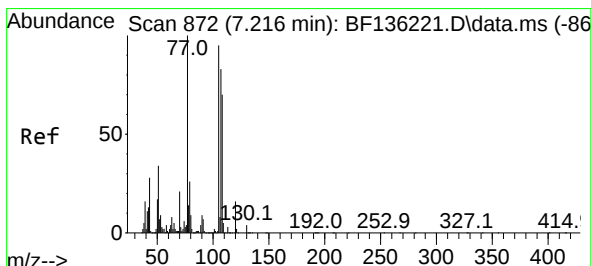
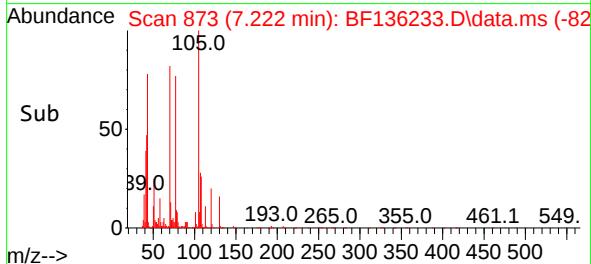
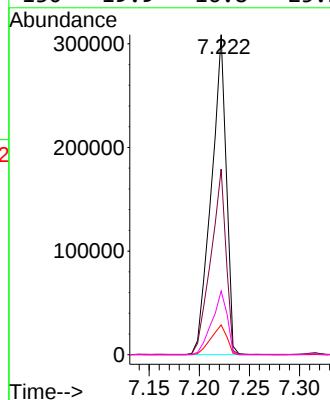
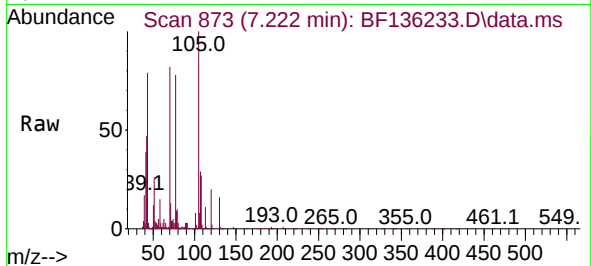




#19
n-Nitroso-di-n-propylamine
Concen: 51.598 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

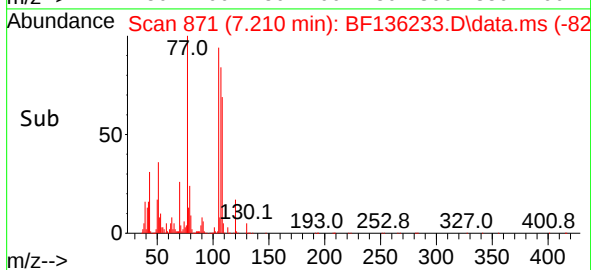
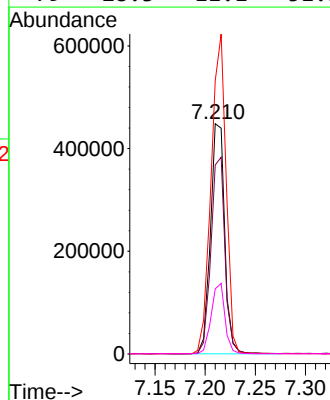
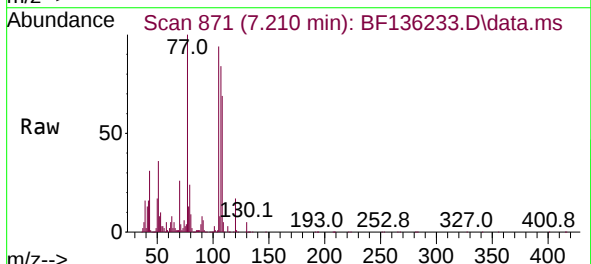
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

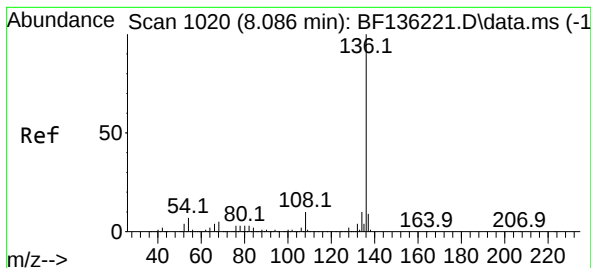
Tgt Ion: 70 Resp: 321560
Ion Ratio Lower Upper
70 100
42 58.0 47.0 70.4
101 9.3 7.8 11.8
130 19.9 16.8 25.2



#20
3+4-Methylphenols
Concen: 47.804 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion: 107 Resp: 443205
Ion Ratio Lower Upper
107 100
108 82.1 63.9 103.9
77 118.7 100.2 140.2
79 28.3 11.1 51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Instrument :

BNA_F

ClientSampleId :

TP-9MSD

Tgt Ion:136 Resp: 494381

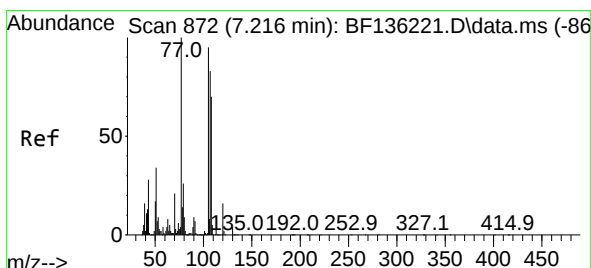
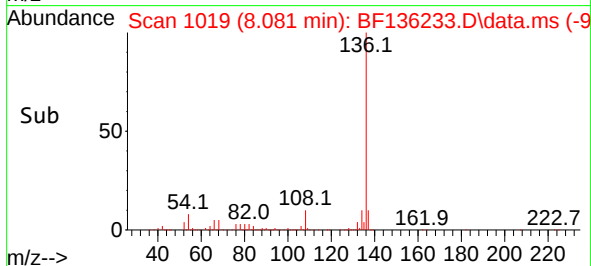
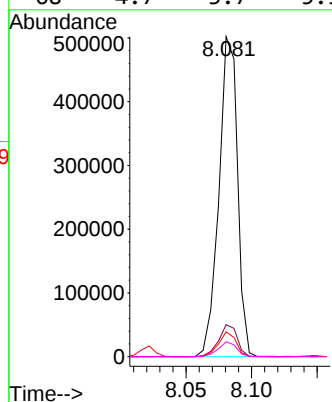
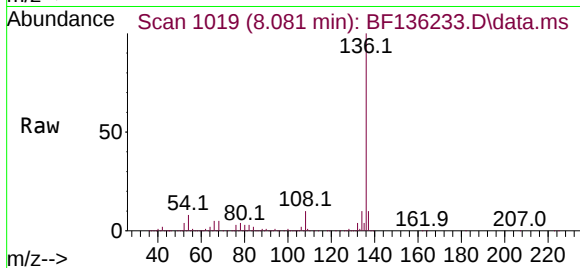
Ion Ratio Lower Upper

136 100

137 10.0 7.4 11.2

54 7.7 5.5 8.3

68 4.7 3.7 5.5



#22

Acetophenone

Concen: 52.560 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Tgt Ion:105 Resp: 682449

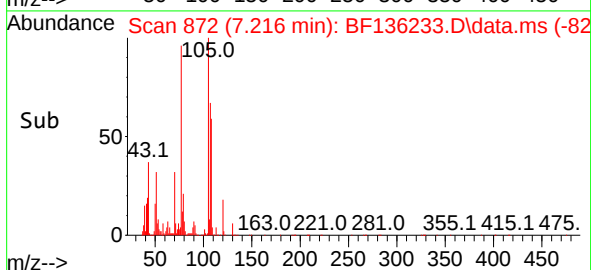
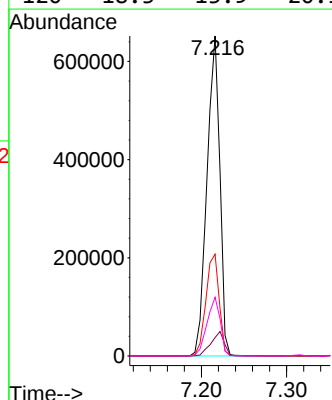
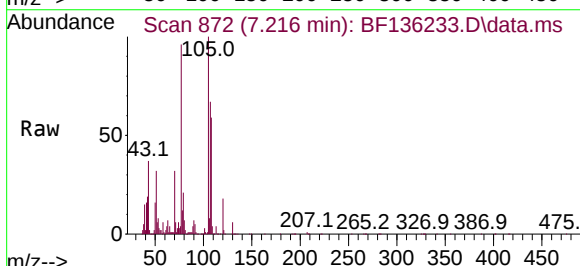
Ion Ratio Lower Upper

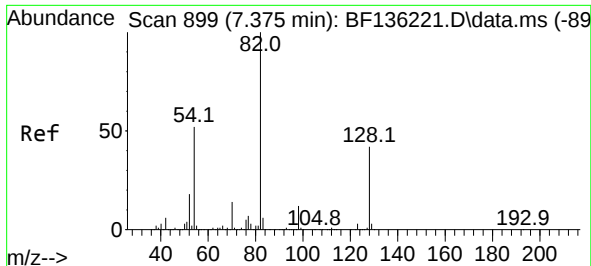
105 100

71 5.8 2.8 4.2#

51 31.8 29.0 43.6

120 18.3 13.9 20.9





#23

Nitrobenzene-d5

Concen: 99.695 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Instrument :

BNA_F

ClientSampleId :

TP-9MSD

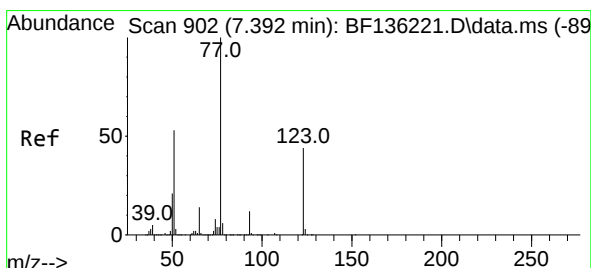
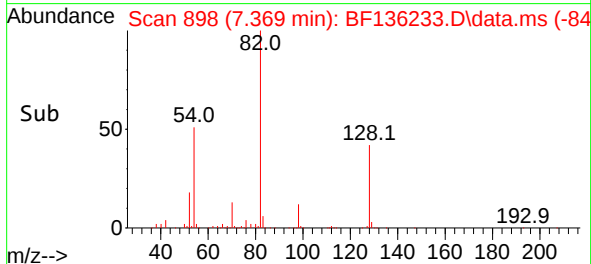
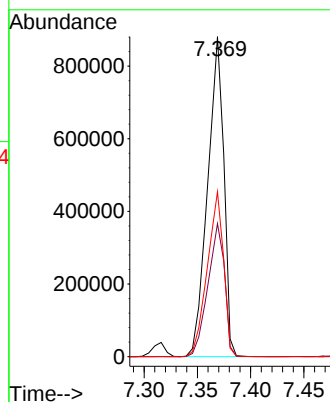
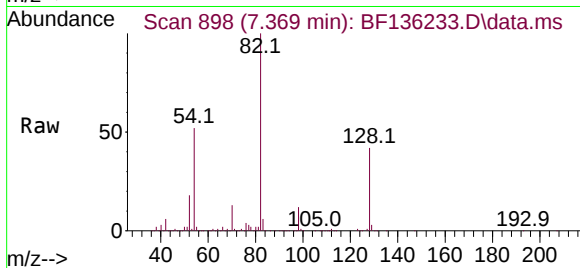
Tgt Ion: 82 Resp: 932710

Ion Ratio Lower Upper

82 100

128 41.6 33.4 50.2

54 51.5 41.7 62.5



#24

Nitrobenzene

Concen: 48.598 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

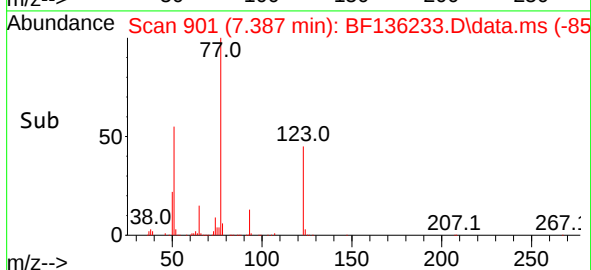
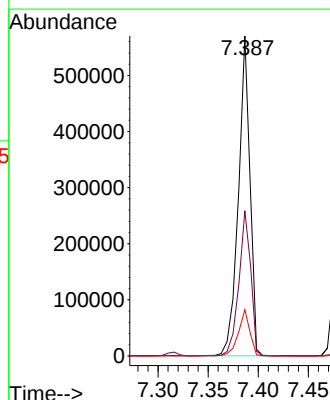
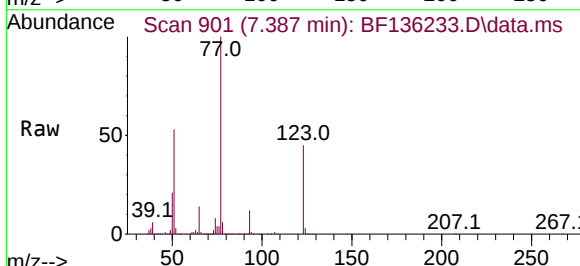
Tgt Ion: 77 Resp: 460751

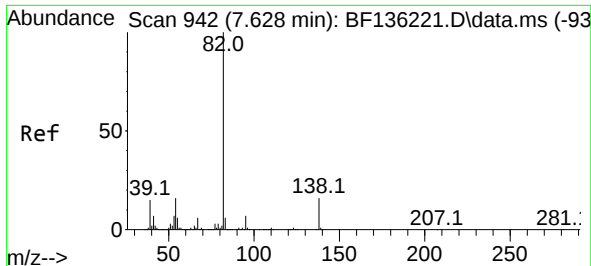
Ion Ratio Lower Upper

77 100

123 45.4 35.4 53.2

65 14.5 11.0 16.6

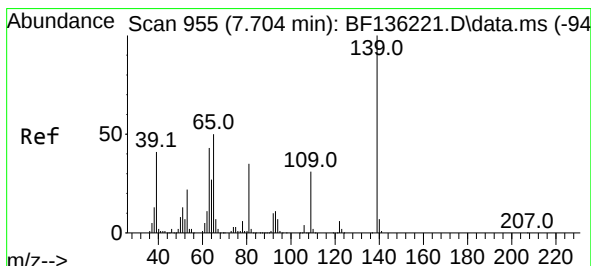
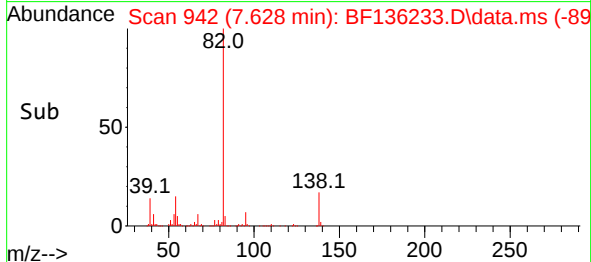
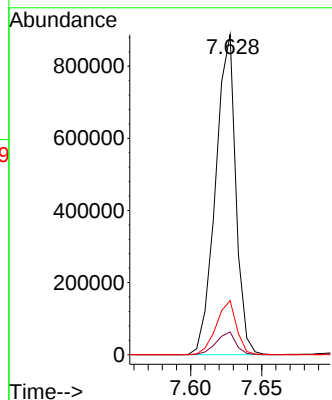
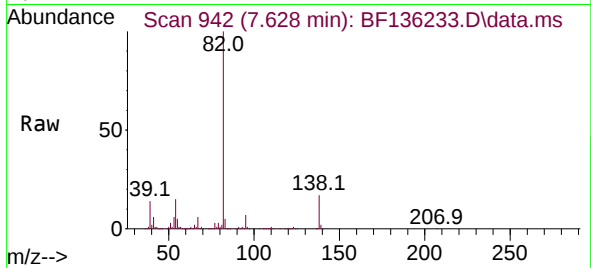




#25
Isophorone
Concen: 52.132 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

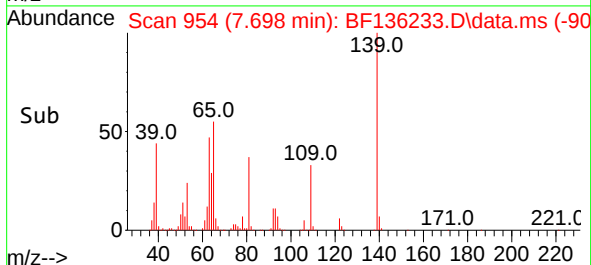
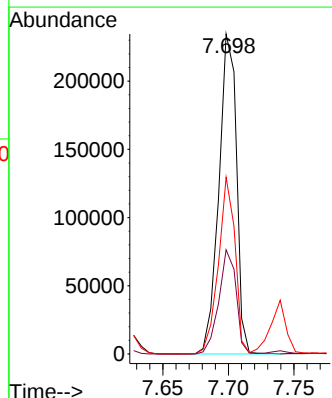
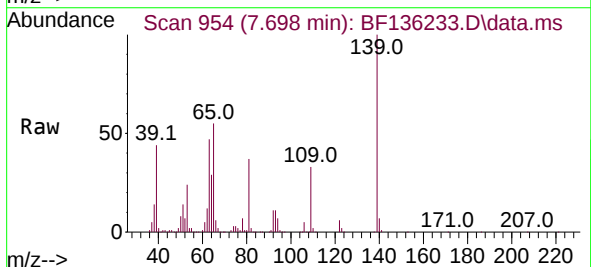
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

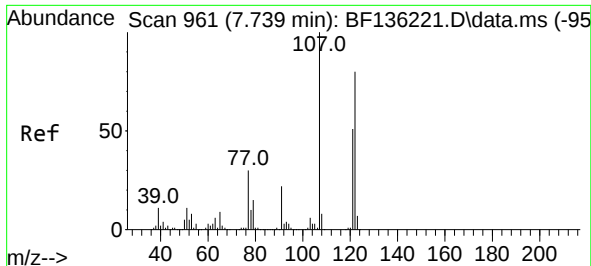
Tgt Ion: 82 Resp: 879439
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.9 12.8 19.2



#26
2-Nitrophenol
Concen: 54.180 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:139 Resp: 218862
Ion Ratio Lower Upper
139 100
109 32.6 25.0 37.6
65 55.2 40.4 60.6

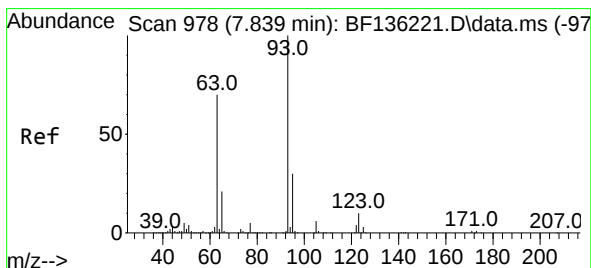
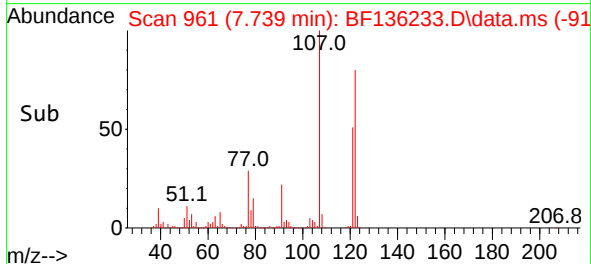
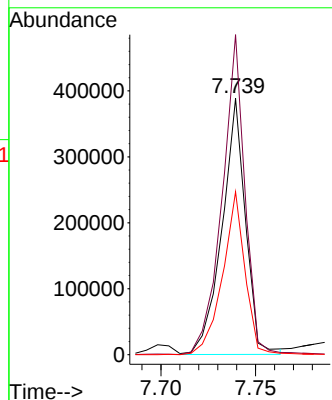
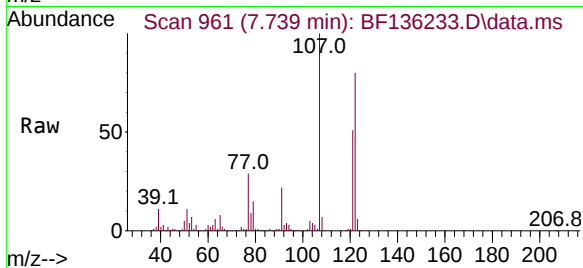




#27
2,4-Dimethylphenol
Concen: 62.970 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

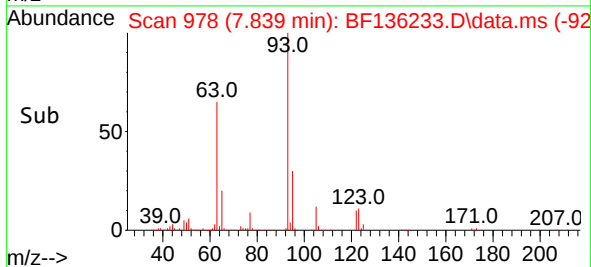
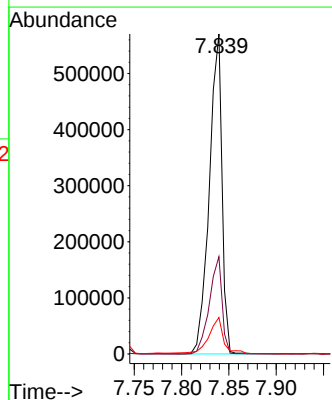
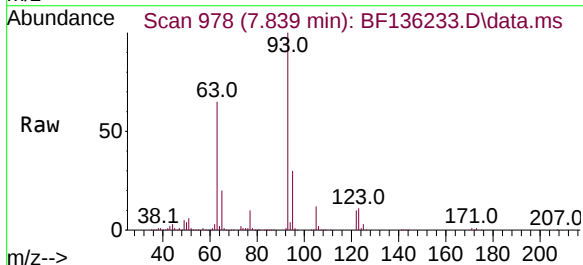
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

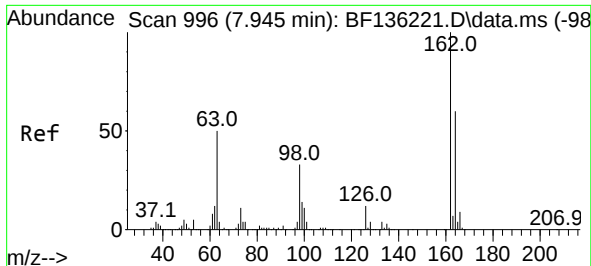
Tgt Ion:122 Resp: 334806
Ion Ratio Lower Upper
122 100
107 124.8 100.0 150.0
121 63.5 50.7 76.1



#28
bis(2-Chloroethoxy)methane
Concen: 51.971 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion: 93 Resp: 530309
Ion Ratio Lower Upper
93 100
95 30.4 23.8 35.6
123 11.4 8.2 12.4

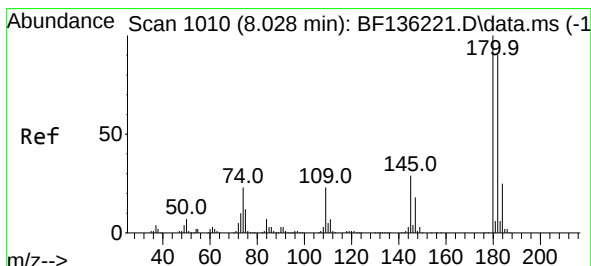
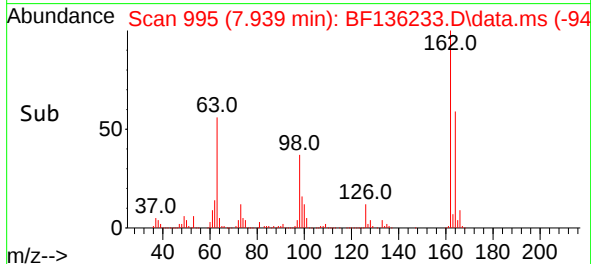
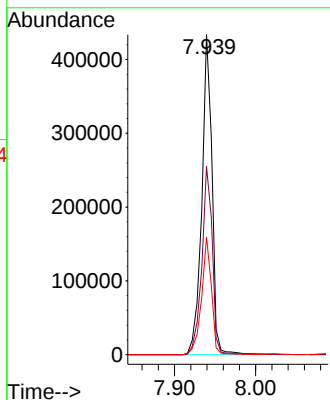
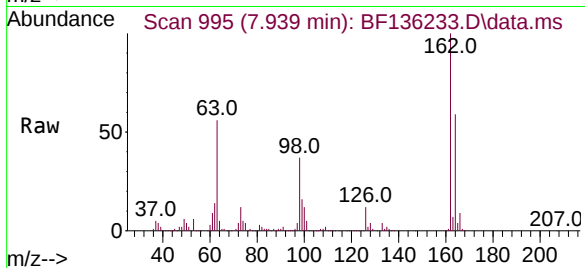




#29
2,4-Dichlorophenol
Concen: 52.824 ng
RT: 7.939 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

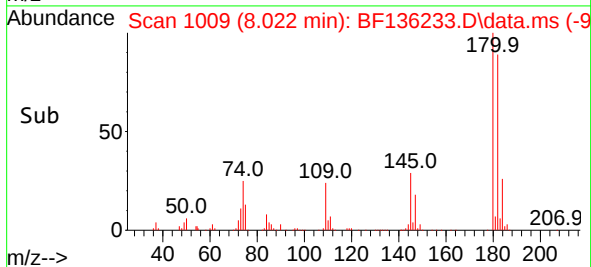
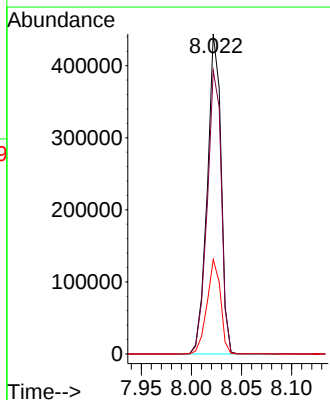
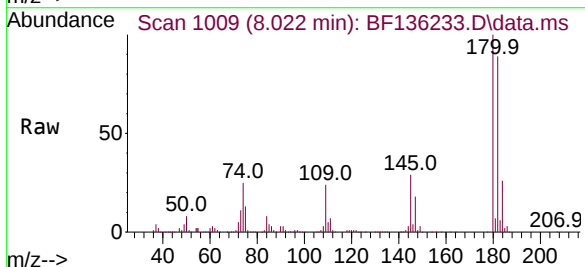
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

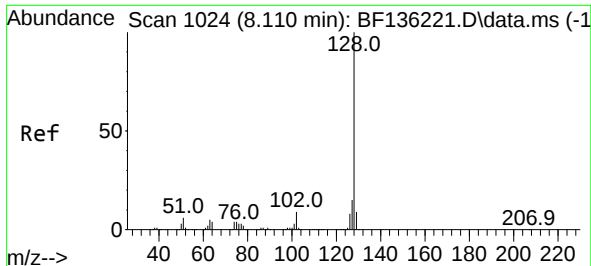
Tgt Ion:162 Resp: 378829
Ion Ratio Lower Upper
162 100
164 58.8 40.3 80.3
98 36.8 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 48.516 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:180 Resp: 425986
Ion Ratio Lower Upper
180 100
182 88.6 71.6 107.4
145 29.5 23.0 34.4

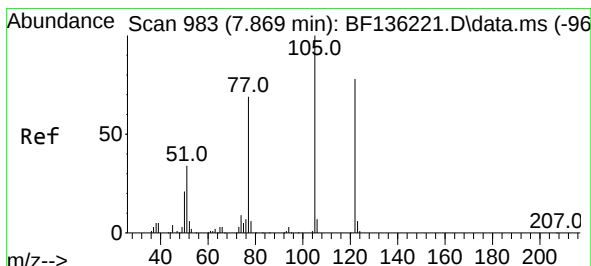
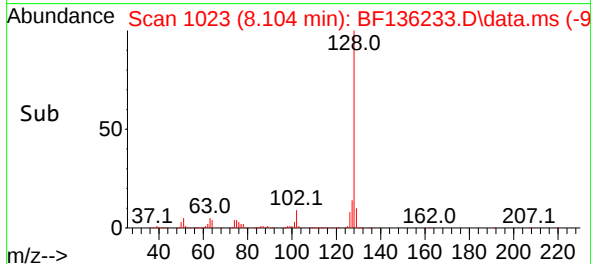
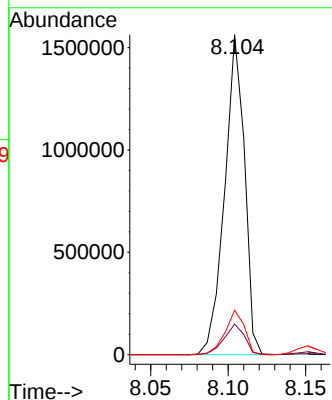
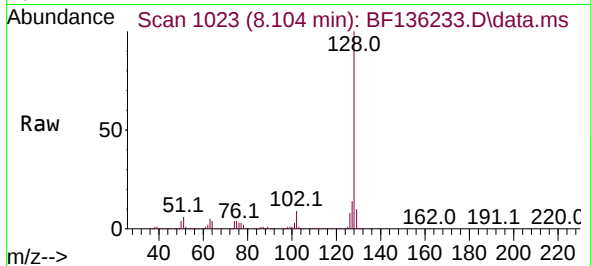




#31
Naphthalene
Concen: 50.092 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

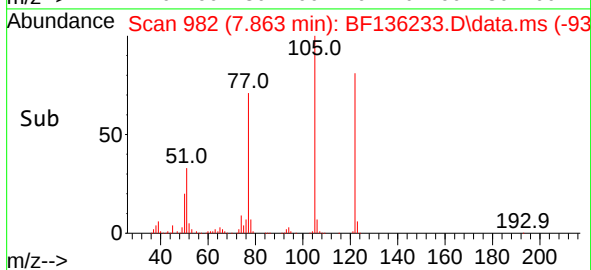
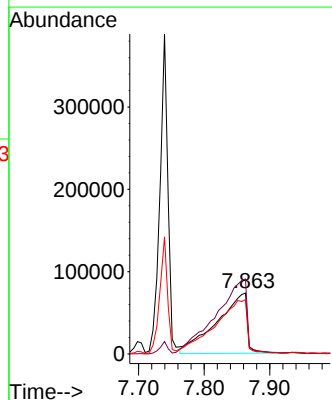
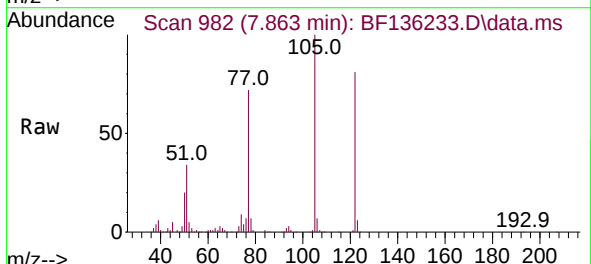
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

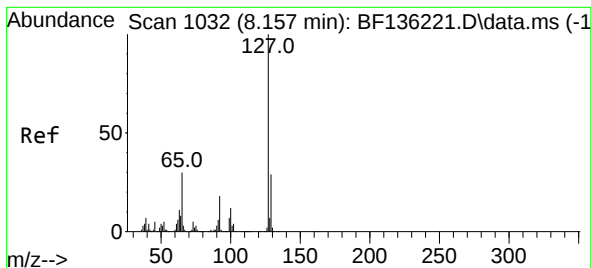
Tgt Ion:128 Resp: 1391959
Ion Ratio Lower Upper
128 100
129 9.6 7.3 10.9
127 13.9 11.8 17.6



#32
Benzoic acid
Concen: 49.026 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:122 Resp: 237566
Ion Ratio Lower Upper
122 100
105 122.9 103.7 143.7
77 89.0 66.8 106.8





#33

4-Chloroaniline

Concen: 4.782 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Instrument :

BNA_F

ClientSampleId :

TP-9MSD

Tgt Ion:127 Resp: 45171

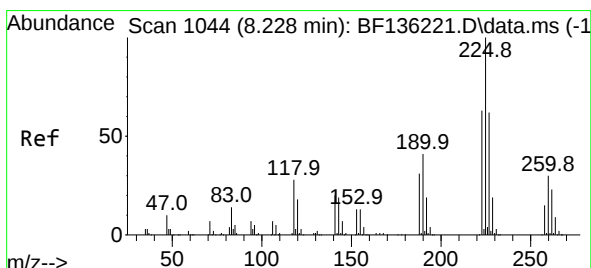
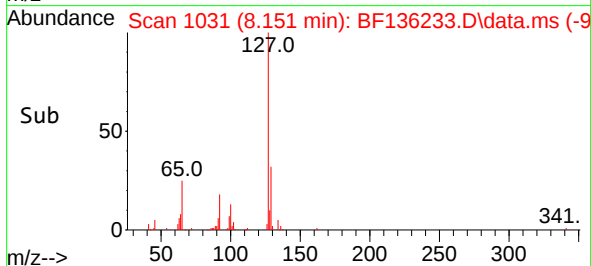
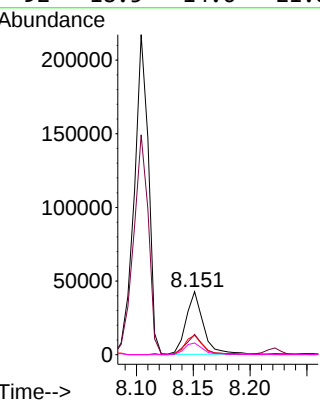
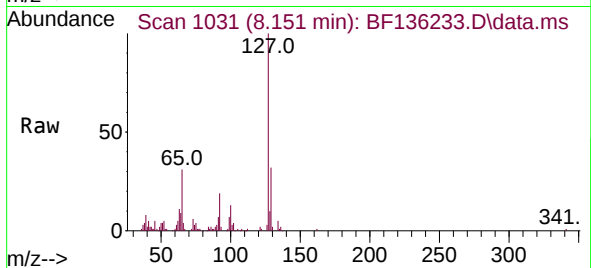
Ion Ratio Lower Upper

127 100

129 32.3 23.4 35.2

65 30.8 23.8 35.6

92 18.5 14.6 21.8



#34

Hexachlorobutadiene

Concen: 46.874 ng

RT: 8.222 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

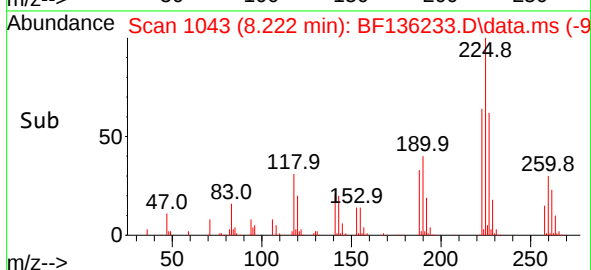
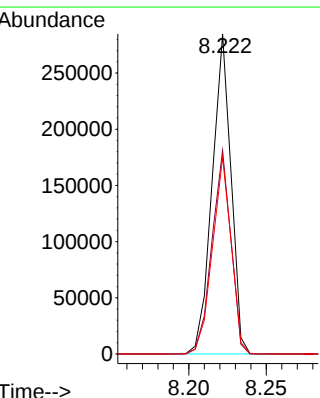
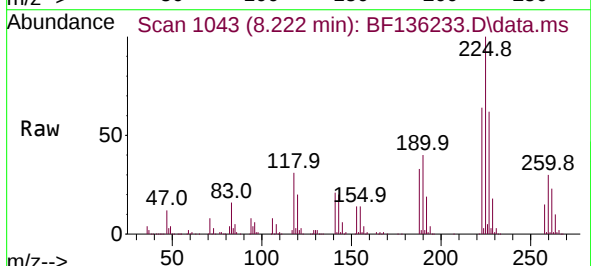
Tgt Ion:225 Resp: 240782

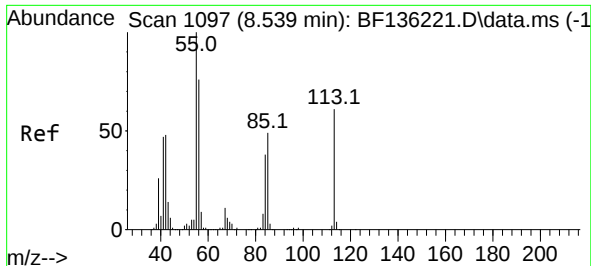
Ion Ratio Lower Upper

225 100

223 63.6 50.6 75.8

227 61.5 49.6 74.4

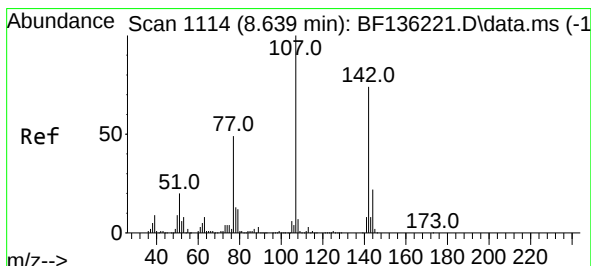
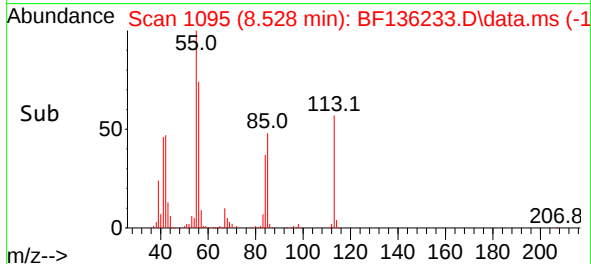
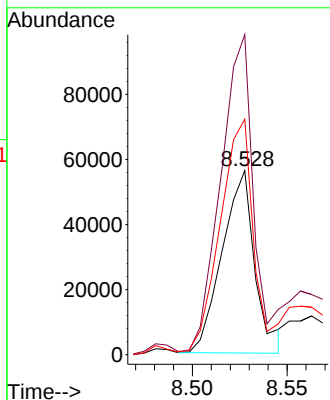
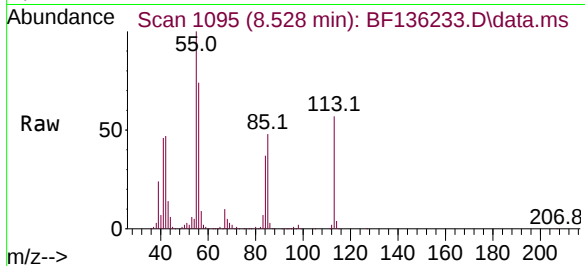




#35
 Caprolactam
 Concen: 33.514 ng
 RT: 8.528 min Scan# 1095
 Delta R.T. -0.012 min
 Lab File: BF136233.D
 Acq: 27 Nov 2023 21:02

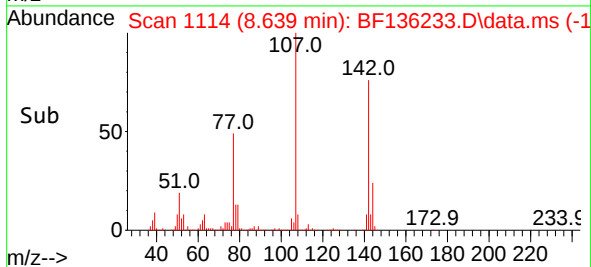
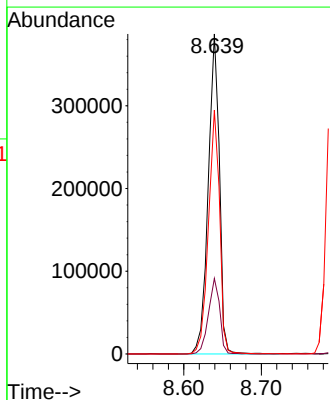
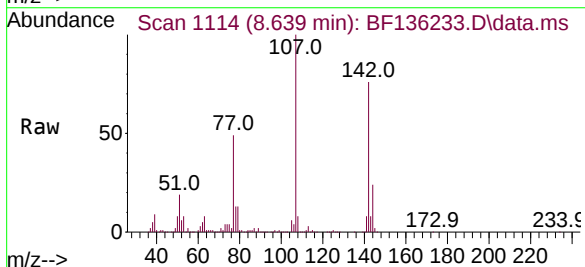
Instrument :
 BNA_F
 ClientSampleId :
 TP-9MSD

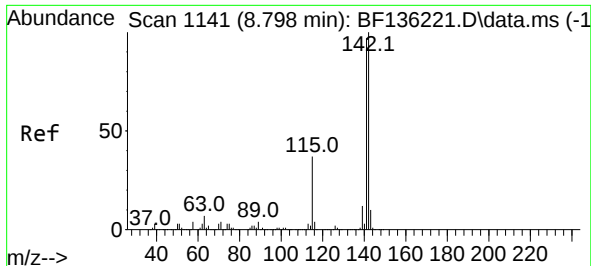
Tgt Ion:113 Resp: 67190
 Ion Ratio Lower Upper
 113 100
 55 174.0 143.1 183.1
 56 128.0 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 49.723 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136233.D
 Acq: 27 Nov 2023 21:02

Tgt Ion:107 Resp: 386748
 Ion Ratio Lower Upper
 107 100
 144 23.6 17.8 26.8
 142 76.2 59.4 89.0





#37

2-Methylnaphthalene

Concen: 49.409 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Instrument :

BNA_F

ClientSampleId :

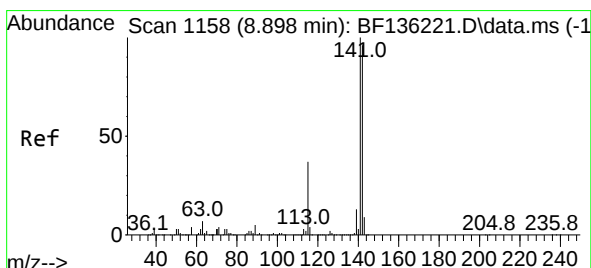
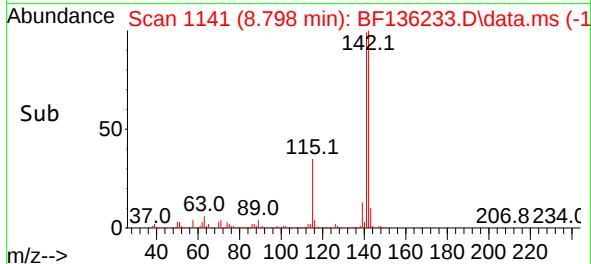
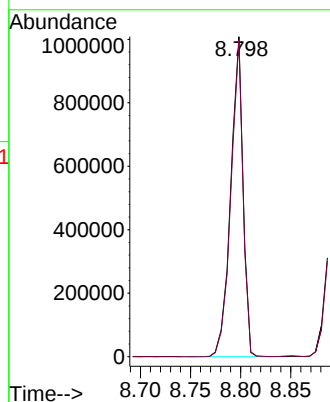
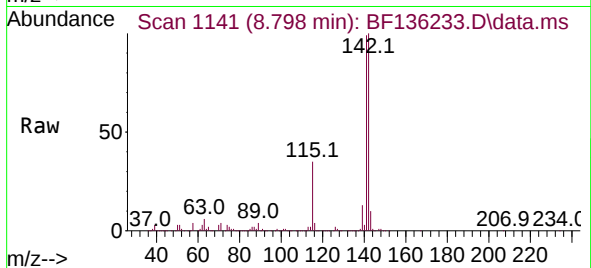
TP-9MSD

Tgt Ion:142 Resp: 861264

Ion Ratio Lower Upper

142 100

141 98.9 77.8 116.8



#38

1-Methylnaphthalene

Concen: 48.712 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136233.D

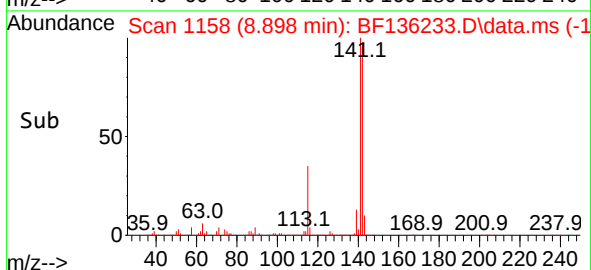
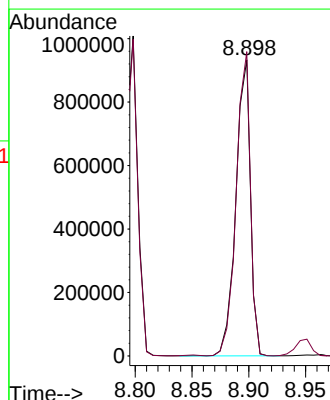
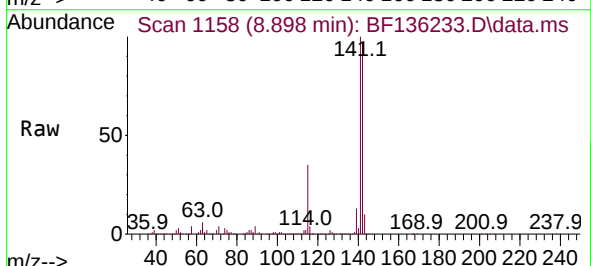
Acq: 27 Nov 2023 21:02

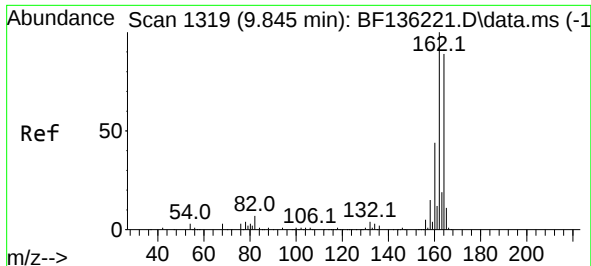
Tgt Ion:142 Resp: 828317

Ion Ratio Lower Upper

142 100

141 102.7 83.8 125.6

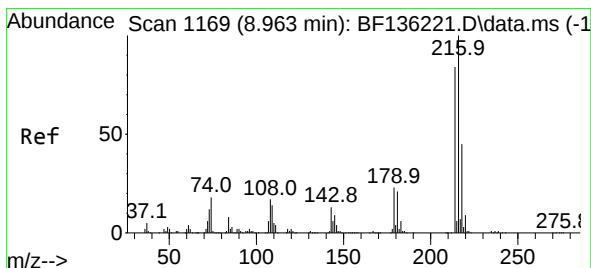
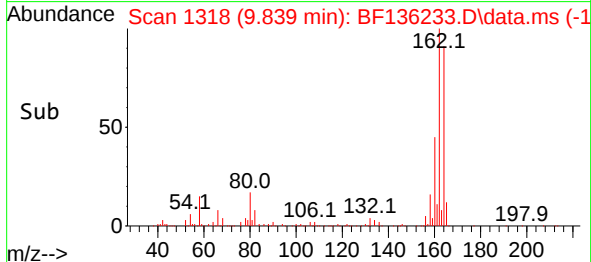
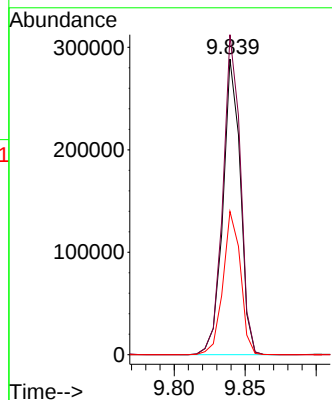
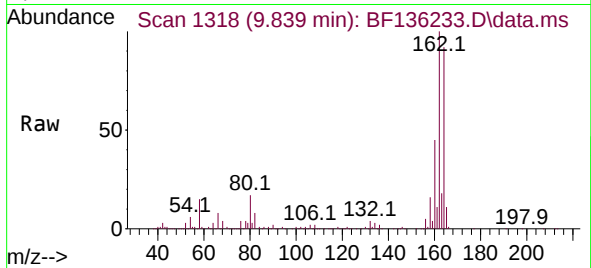




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

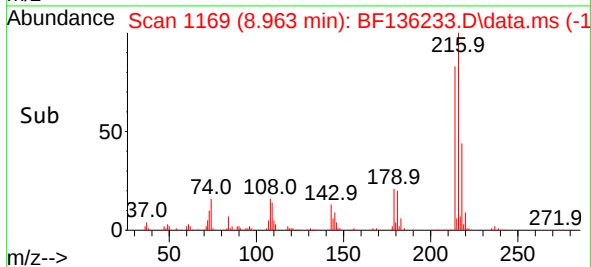
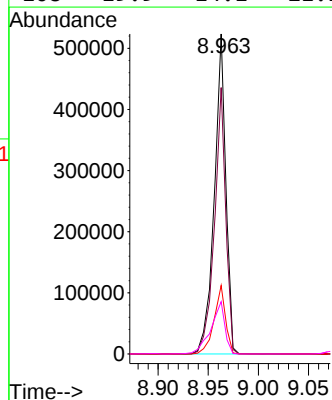
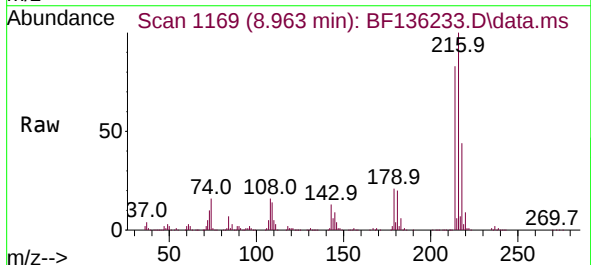
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

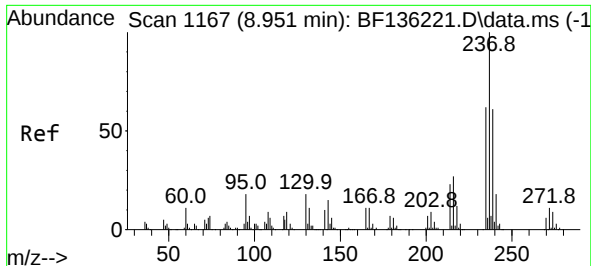
Tgt Ion:164 Resp: 245518
Ion Ratio Lower Upper
164 100
162 108.3 89.5 134.3
160 48.5 39.6 59.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.630 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:216 Resp: 419048
Ion Ratio Lower Upper
216 100
214 81.4 65.8 98.8
179 21.3 17.4 26.0
108 19.9 14.1 21.1

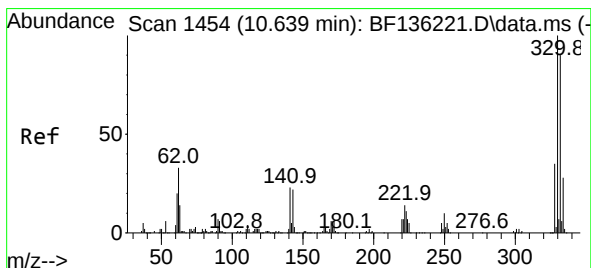
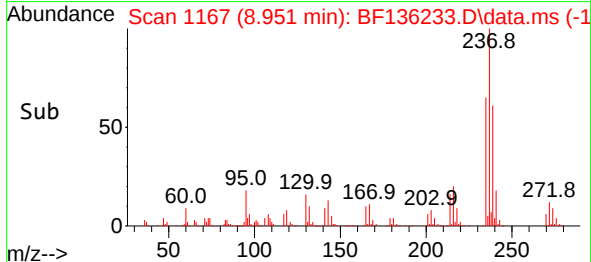
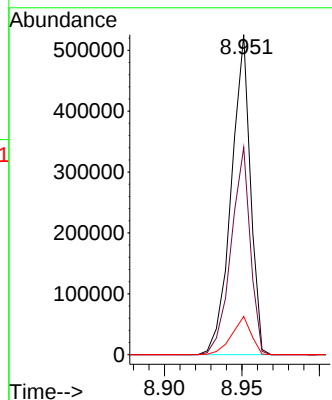
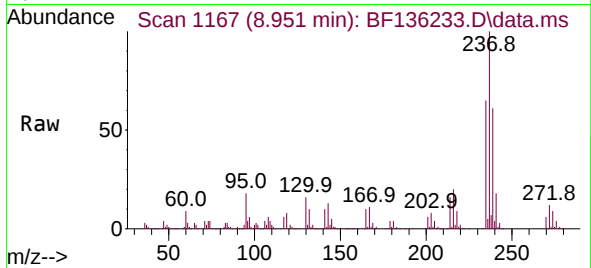




#41
Hexachlorocyclopentadiene
Concen: 150.159 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

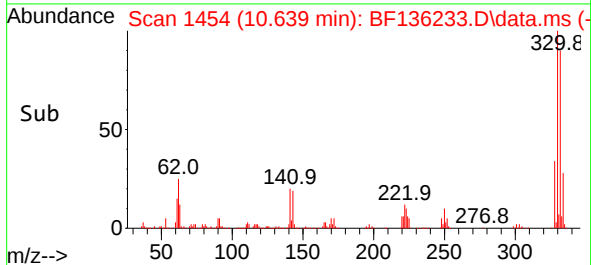
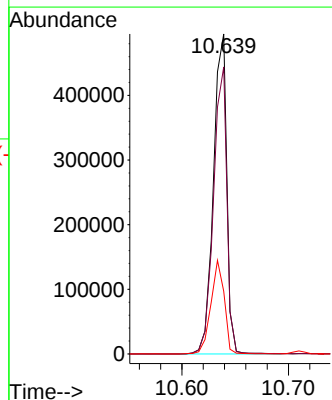
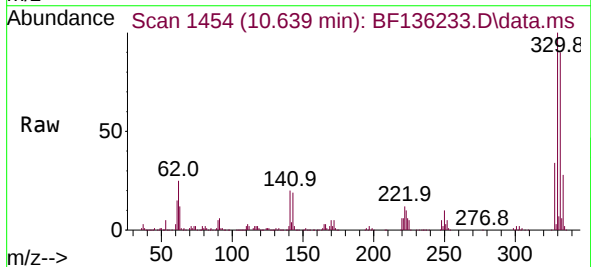
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

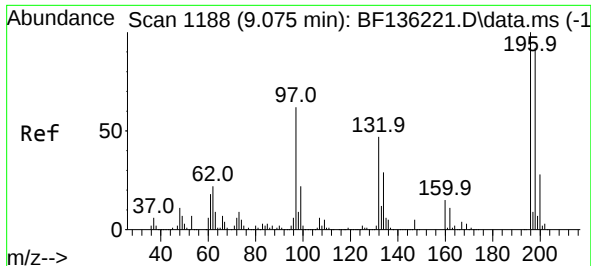
Tgt Ion:237 Resp: 451461
Ion Ratio Lower Upper
237 100
235 64.8 42.1 82.1
272 11.9 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 144.096 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:330 Resp: 432529
Ion Ratio Lower Upper
330 100
332 90.3 73.0 109.6
141 29.3 24.2 36.2

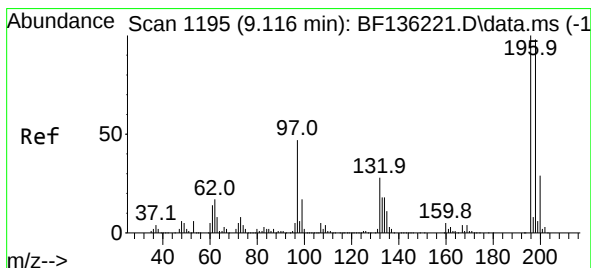
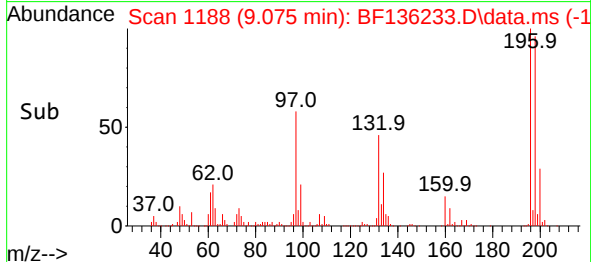
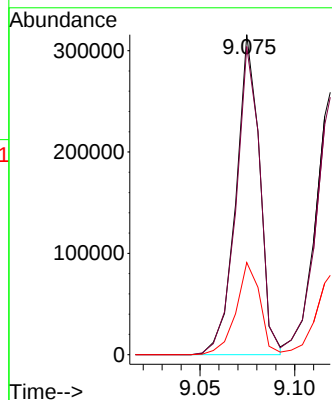
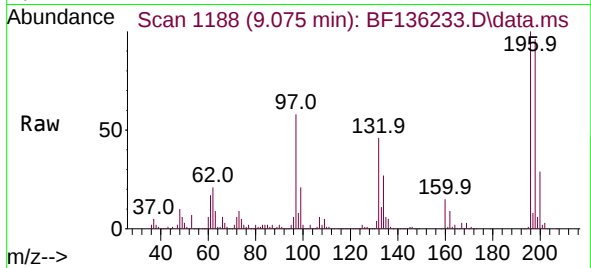




#43
2,4,6-Trichlorophenol
Concen: 53.838 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

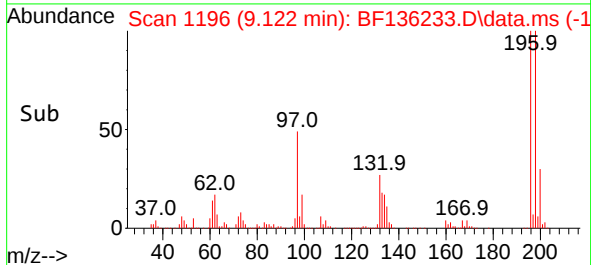
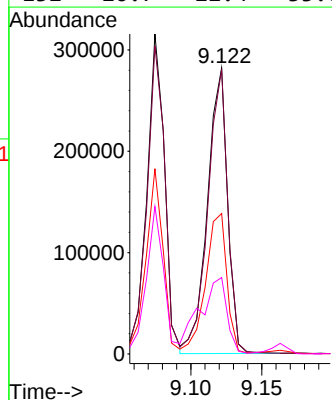
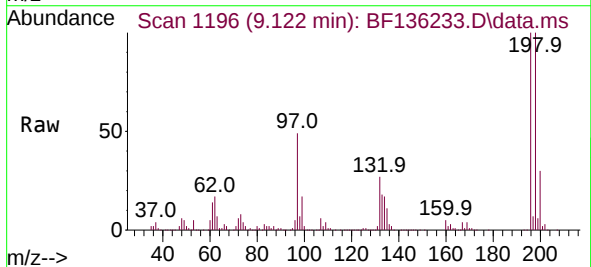
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

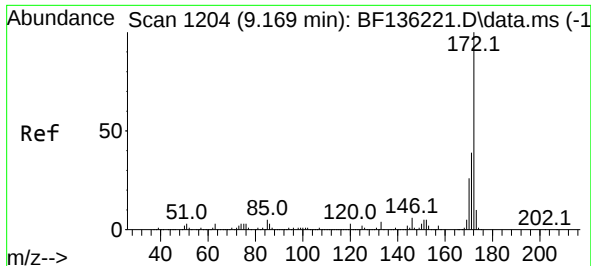
Tgt Ion:196 Resp: 273045
Ion Ratio Lower Upper
196 100
198 96.3 73.2 109.8
200 28.8 22.4 33.6



#44
2,4,5-Trichlorophenol
Concen: 50.263 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:196 Resp: 278187
Ion Ratio Lower Upper
196 100
198 99.5 78.8 118.2
97 49.1 37.8 56.8
132 26.7 22.4 33.6

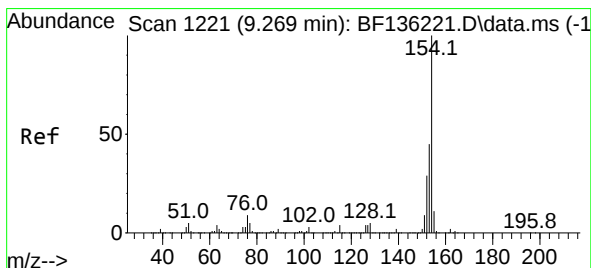
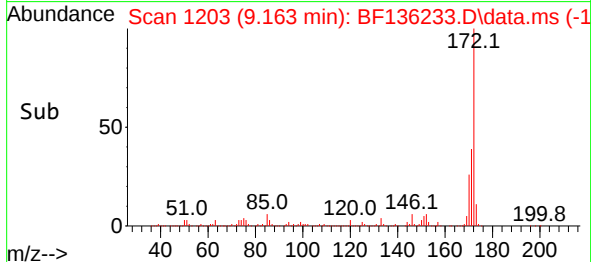
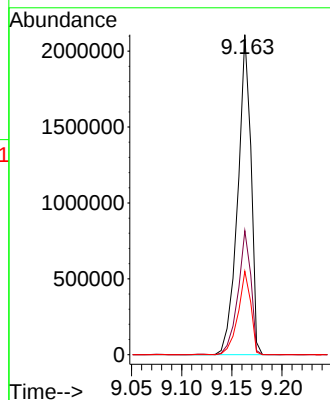
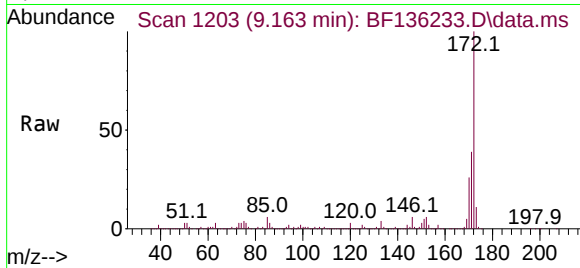




#45
2-Fluorobiphenyl
Concen: 100.073 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

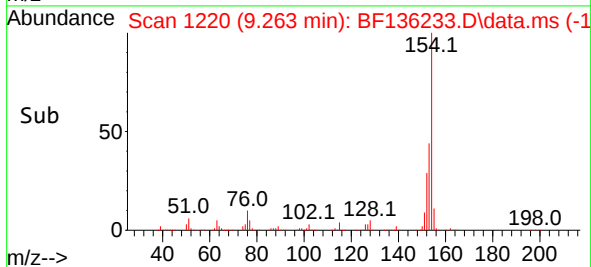
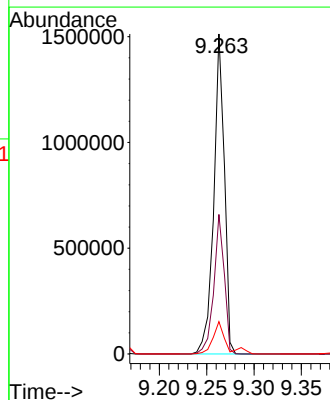
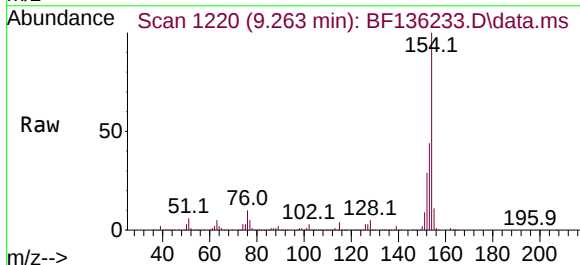
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

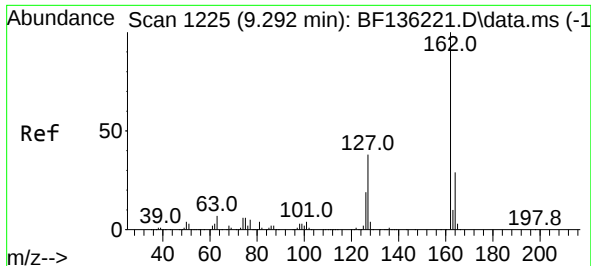
Tgt Ion:172 Resp: 1923558
Ion Ratio Lower Upper
172 100
171 38.8 31.5 47.3
170 26.0 20.8 31.2



#46
1,1'-Biphenyl
Concen: 54.303 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:154 Resp: 1175713
Ion Ratio Lower Upper
154 100
153 43.6 24.6 64.6
76 10.1 0.0 29.4





#47

2-Chloronaphthalene

Concen: 52.095 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Instrument :

BNA_F

ClientSampleId :

TP-9MSD

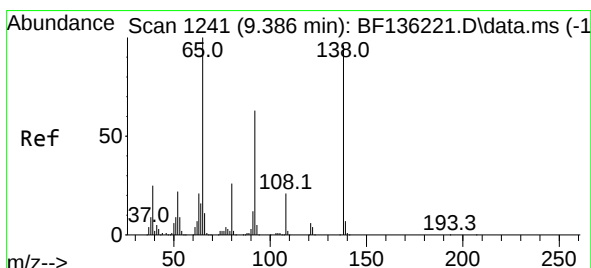
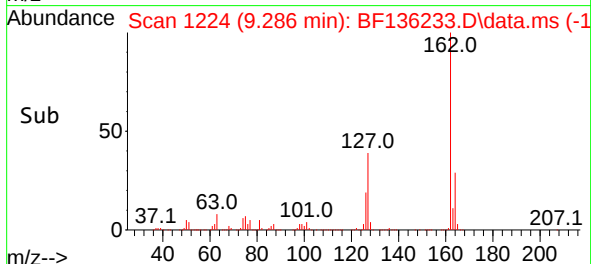
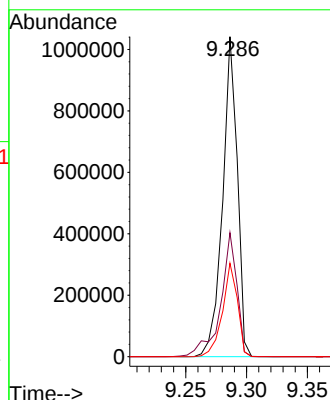
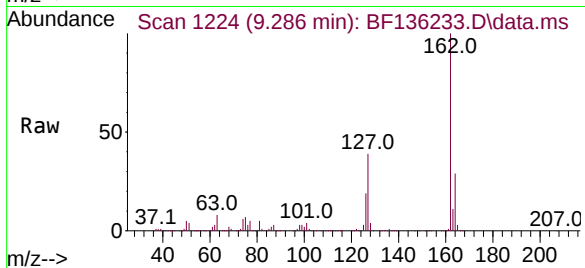
Tgt Ion:162 Resp: 875924

Ion Ratio Lower Upper

162 100

127 38.8 30.2 45.2

164 29.2 22.8 34.2



#48

2-Nitroaniline

Concen: 51.380 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

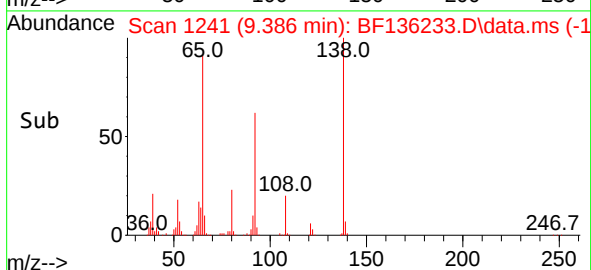
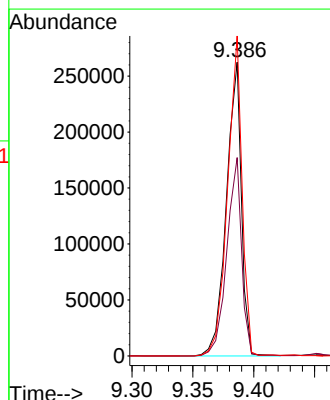
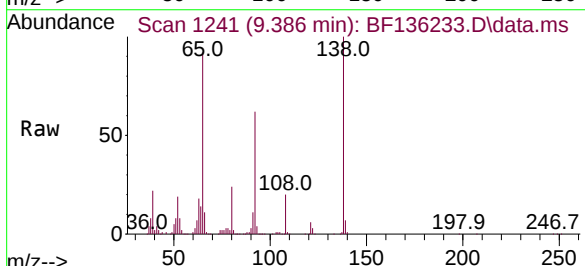
Tgt Ion: 65 Resp: 225547

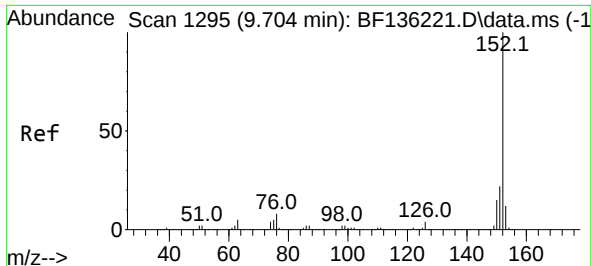
Ion Ratio Lower Upper

65 100

92 67.6 50.6 75.8

138 109.0 76.7 115.1

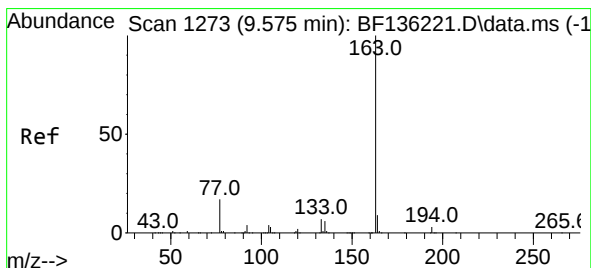
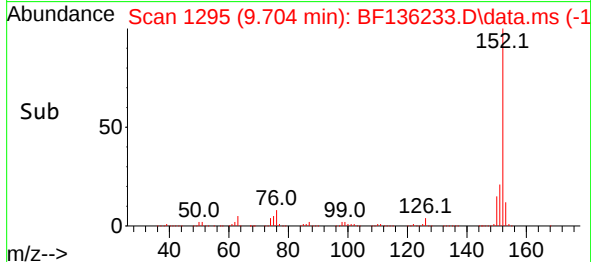
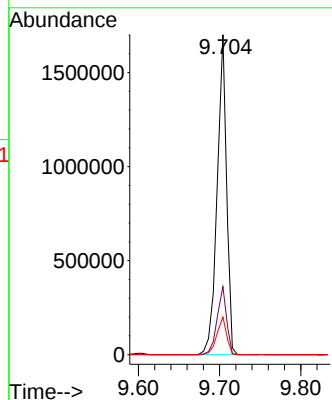
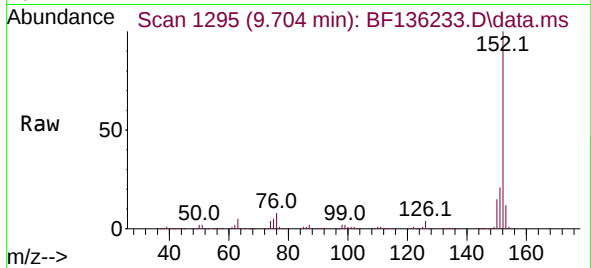




#49
Acenaphthylene
Concen: 57.244 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

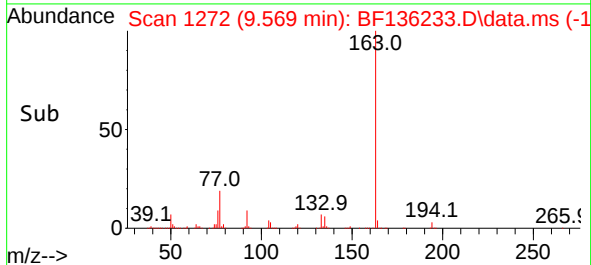
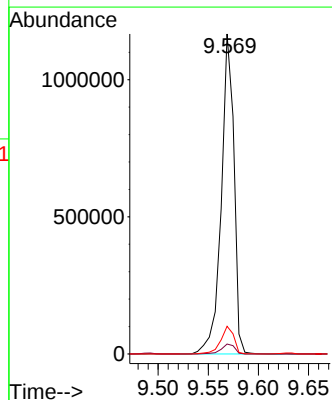
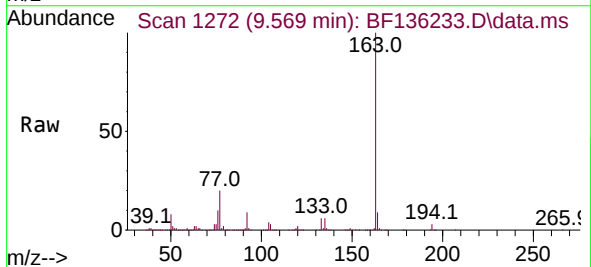
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

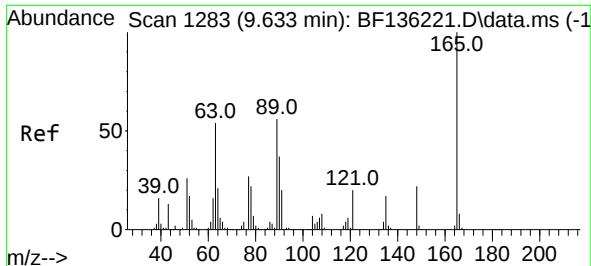
Tgt Ion:152 Resp: 1373545
Ion Ratio Lower Upper
152 100
151 21.3 17.5 26.3
153 11.8 9.6 14.4



#50
Dimethylphthalate
Concen: 55.234 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:163 Resp: 1024963
Ion Ratio Lower Upper
163 100
194 3.1 2.5 3.7
164 8.7 7.0 10.6

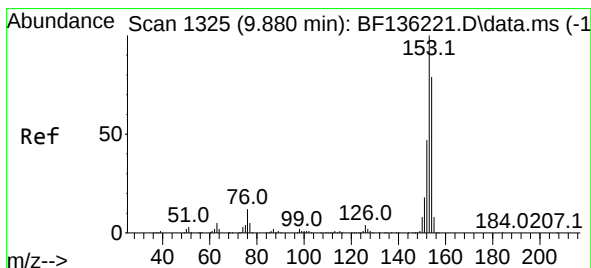
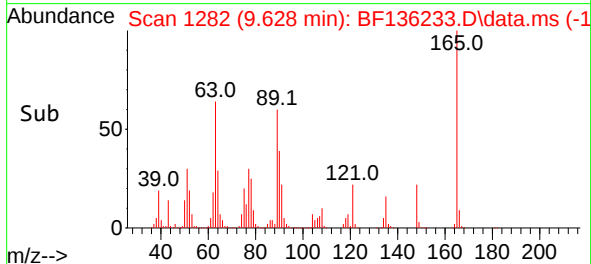
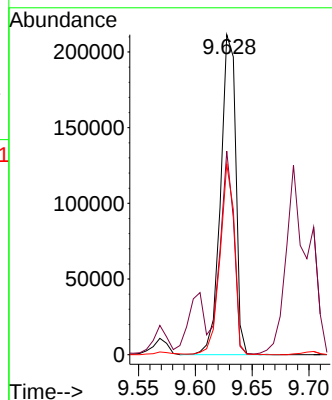
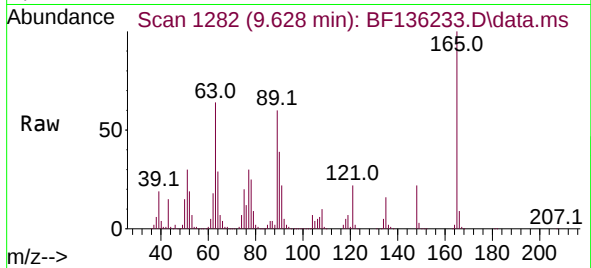




#51
2,6-Dinitrotoluene
Concen: 52.016 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

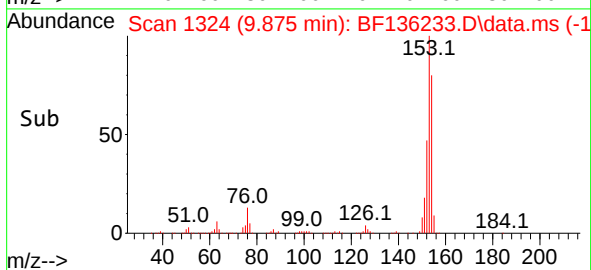
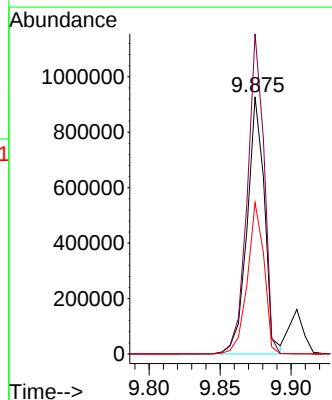
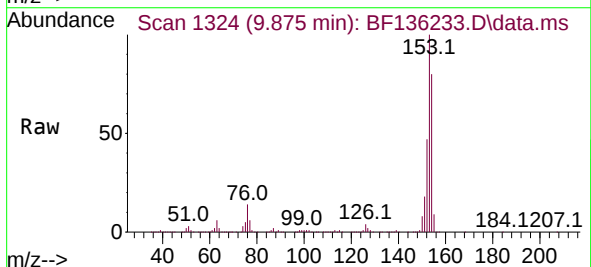
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

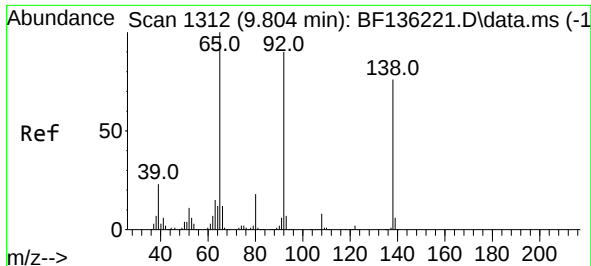
Tgt Ion:165 Resp: 197192
Ion Ratio Lower Upper
165 100
63 63.6 46.2 69.2
89 59.6 44.9 67.3



#52
Acenaphthene
Concen: 52.036 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:154 Resp: 789039
Ion Ratio Lower Upper
154 100
153 124.4 100.8 151.2
152 58.9 47.0 70.6

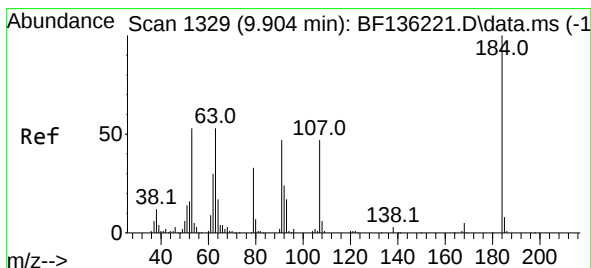
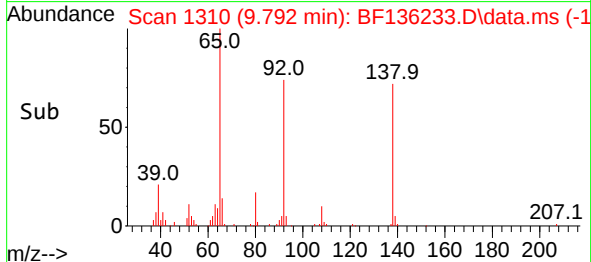
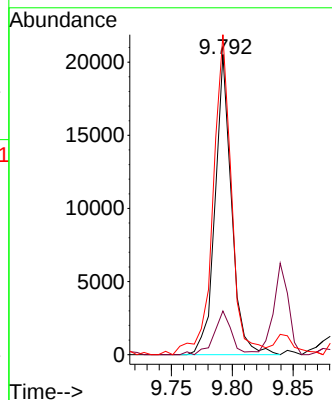
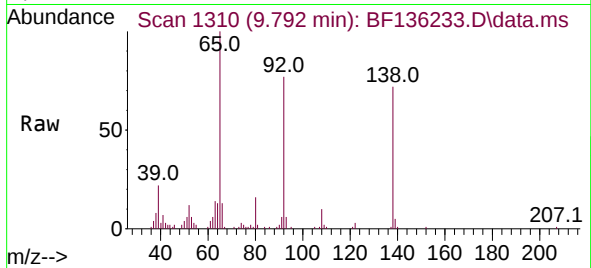




#53
3-Nitroaniline
Concen: 5.123 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

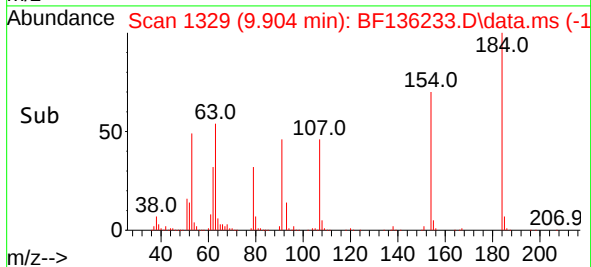
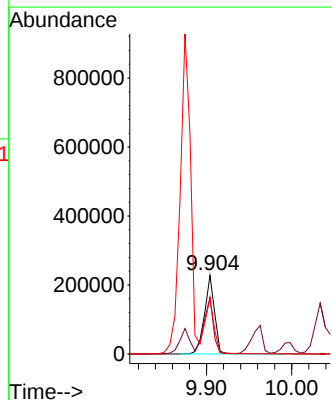
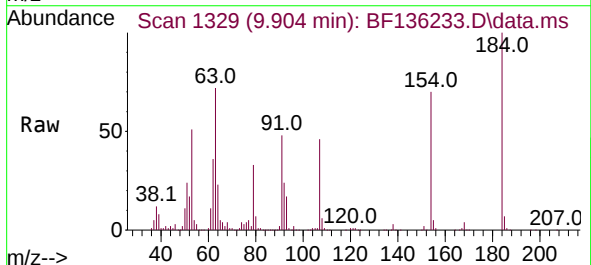
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

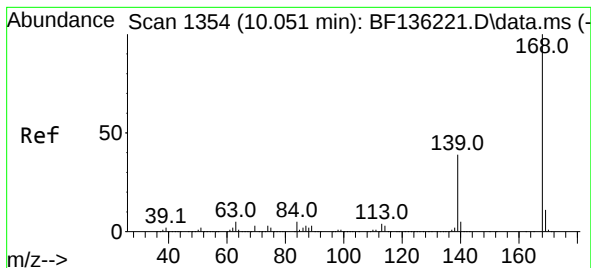
Tgt Ion:138 Resp: 19271
Ion Ratio Lower Upper
138 100
108 14.5 8.7 13.1#
92 106.5 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 106.152 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:184 Resp: 187161
Ion Ratio Lower Upper
184 100
63 72.1 55.0 82.4
154 70.3 54.9 82.3





#55

Dibenzenofuran

Concen: 52.749 ng

RT: 10.051 min Scan# 1354

Delta R.T. 0.000 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Instrument :

BNA_F

ClientSampleId :

TP-9MSD

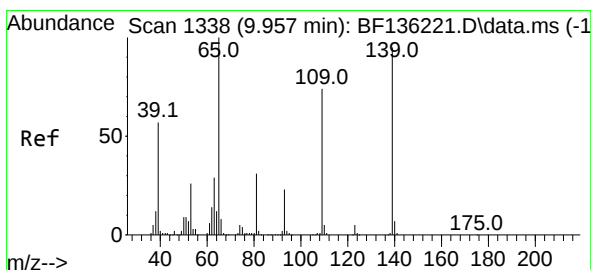
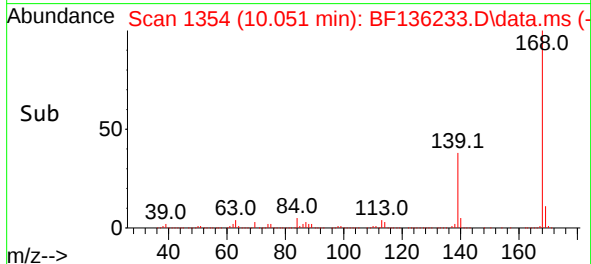
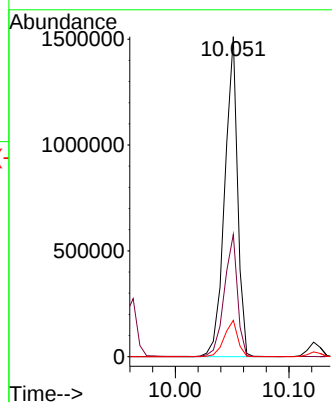
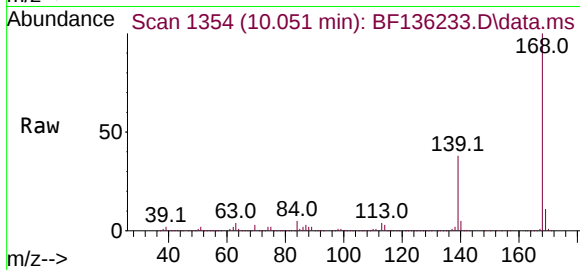
Tgt Ion:168 Resp: 1190206

Ion Ratio Lower Upper

168 100

139 38.2 30.9 46.3

169 11.3 9.1 13.7



#56

4-Nitrophenol

Concen: 85.365 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

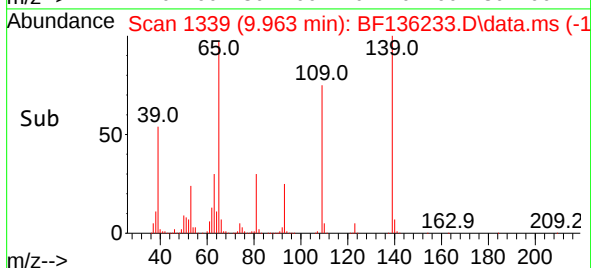
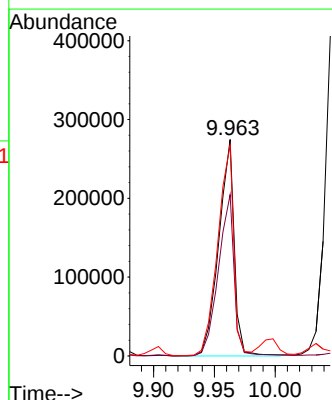
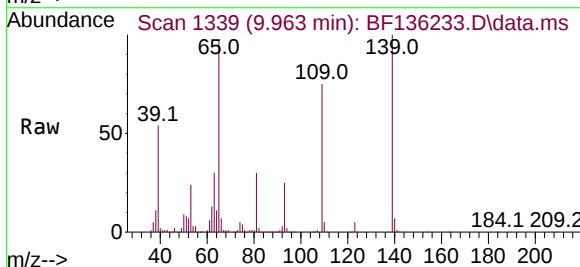
Tgt Ion:139 Resp: 243880

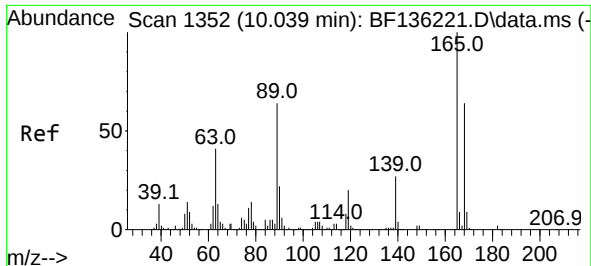
Ion Ratio Lower Upper

139 100

109 74.6 57.8 97.8

65 97.5 86.0 126.0

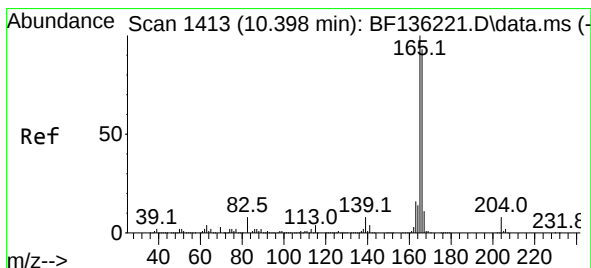
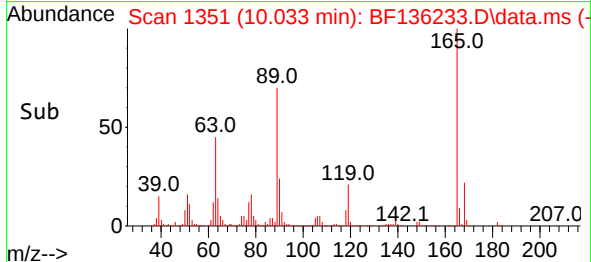
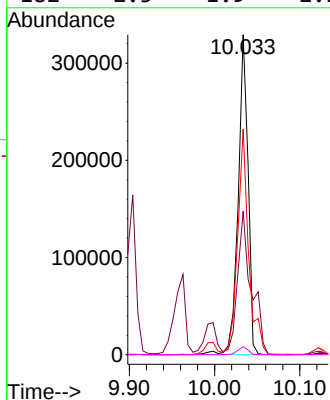
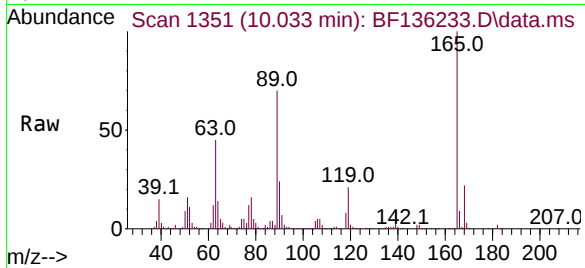




#57
2,4-Dinitrotoluene
Concen: 52.340 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

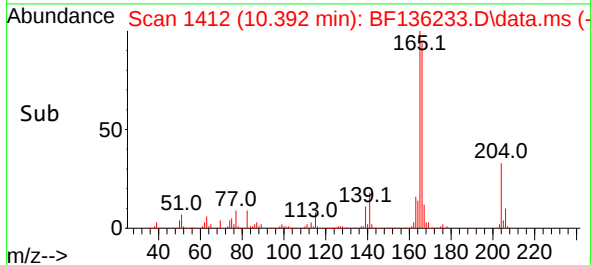
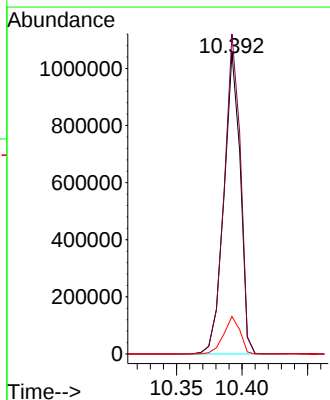
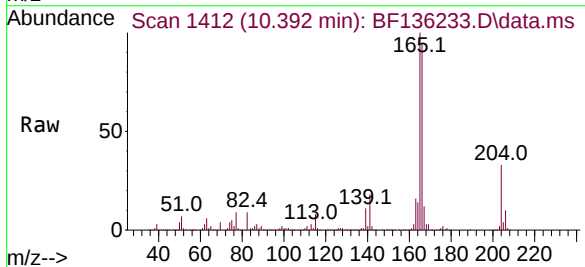
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

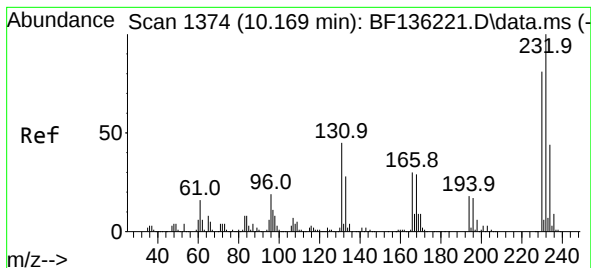
Tgt Ion:165 Resp: 265046
Ion Ratio Lower Upper
165 100
63 44.8 33.0 49.4
89 70.5 51.5 77.3
182 2.5 1.9 2.9



#58
Fluorene
Concen: 51.446 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:166 Resp: 910511
Ion Ratio Lower Upper
166 100
165 106.3 86.2 129.4
167 12.4 9.1 13.7

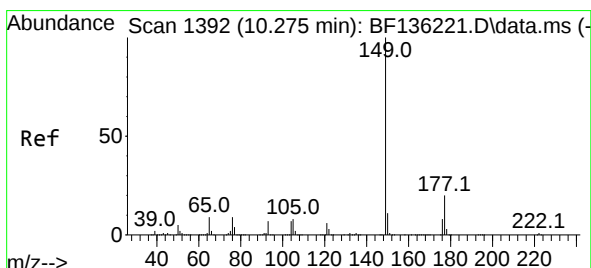
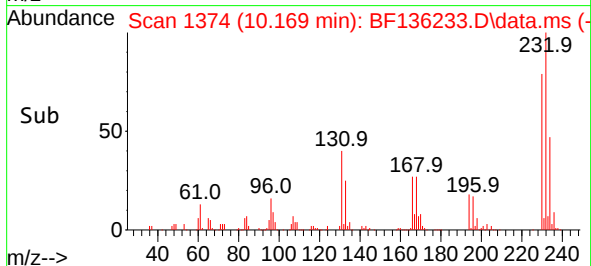
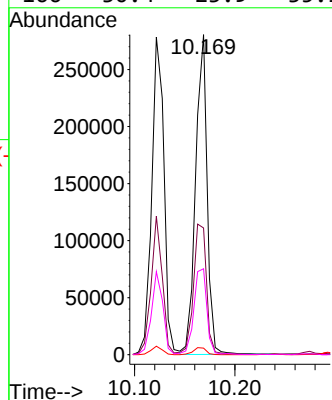
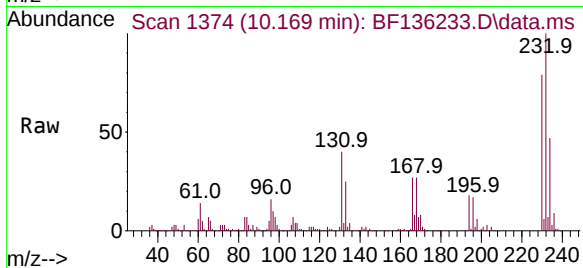




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.780 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

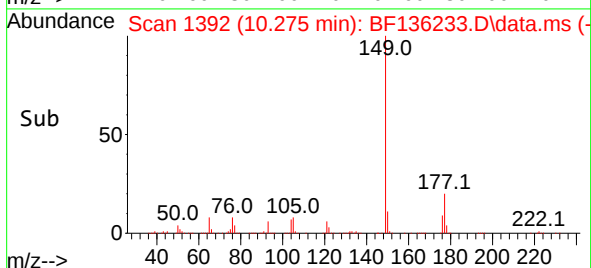
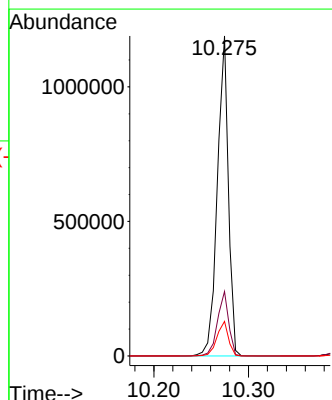
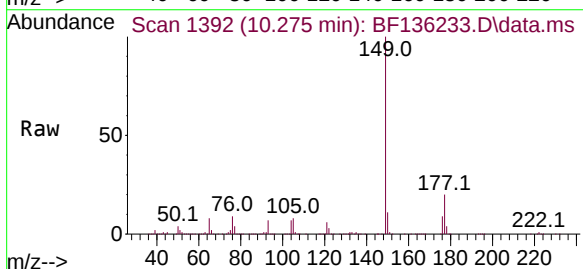
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

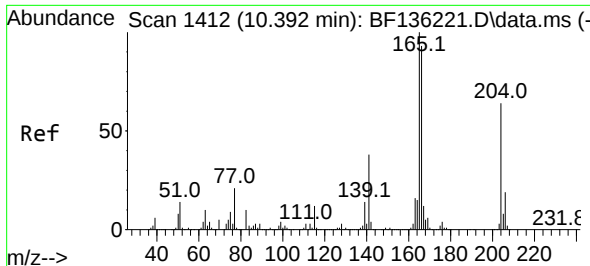
Tgt Ion:232 Resp: 223614
Ion Ratio Lower Upper
232 100
131 46.7 36.4 54.6
130 2.5 1.9 2.9
166 30.4 23.9 35.9



#60
Diethylphthalate
Concen: 52.026 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:149 Resp: 965733
Ion Ratio Lower Upper
149 100
177 20.2 15.8 23.6
150 10.8 8.8 13.2

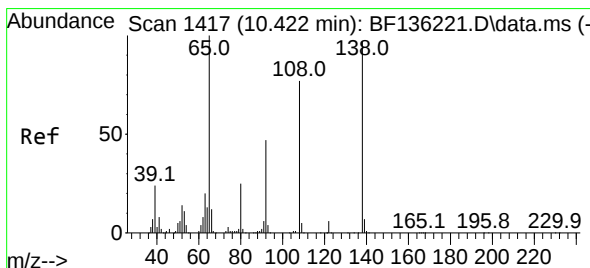
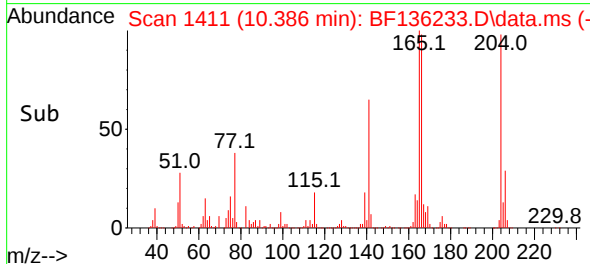
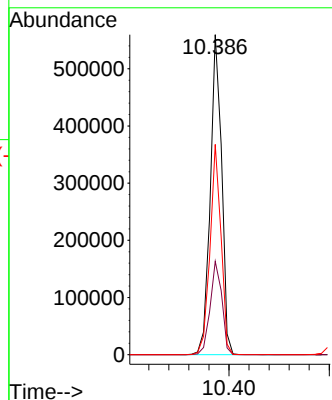
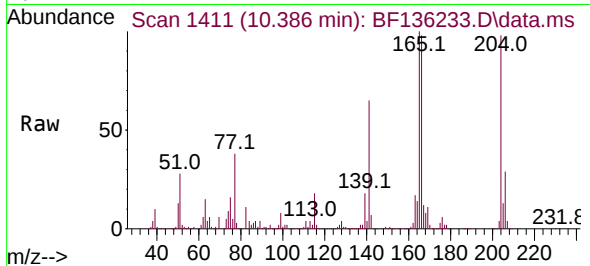




#61
4-Chlorophenyl-phenylether
Concen: 51.249 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

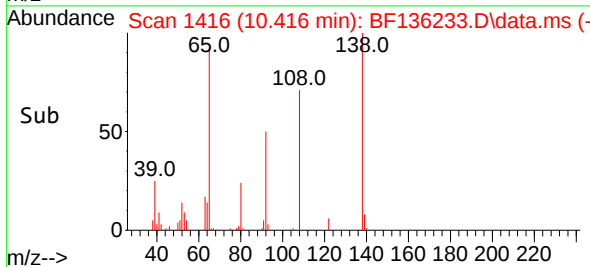
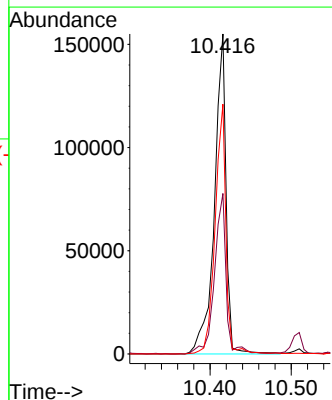
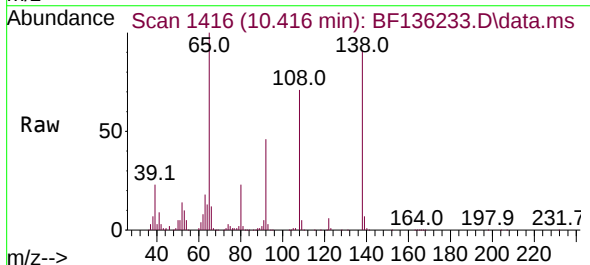
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

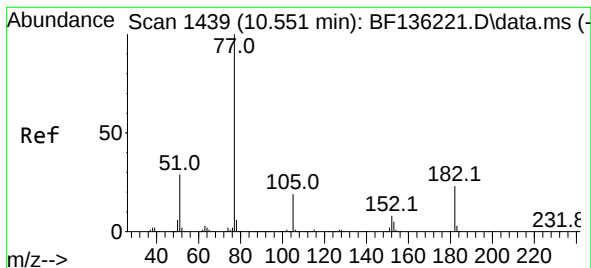
Tgt Ion:204 Resp: 440484
Ion Ratio Lower Upper
204 100
206 29.2 23.4 35.0
141 65.7 47.6 71.4



#62
4-Nitroaniline
Concen: 41.917 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:138 Resp: 154336
Ion Ratio Lower Upper
138 100
92 50.2 28.5 68.5
108 78.1 59.8 99.8





#63

Azobenzene

Concen: 52.140 ng

RT: 10.551 min Scan# 1439

Delta R.T. 0.000 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Instrument :

BNA_F

ClientSampleId :

TP-9MSD

Tgt Ion: 77 Resp: 897274

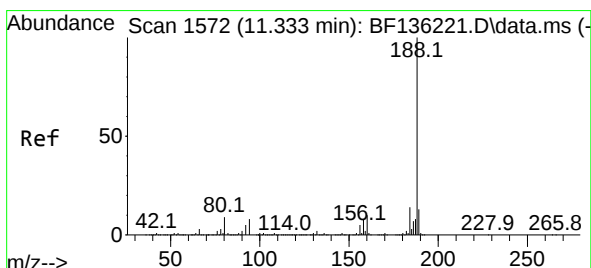
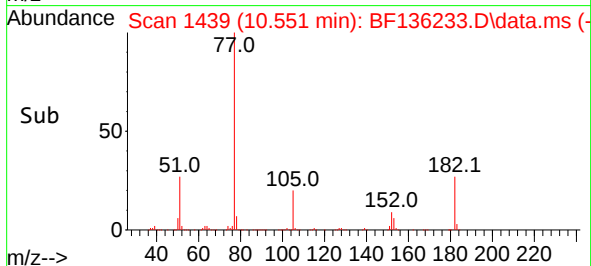
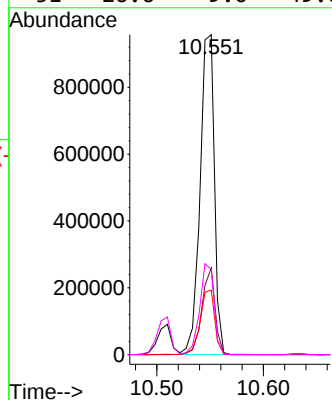
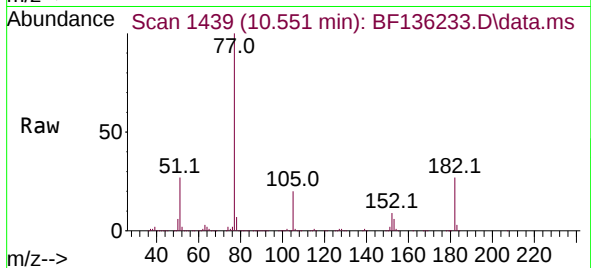
Ion Ratio Lower Upper

77 100

182 27.1 3.3 43.3

105 20.2 0.0 39.5

51 26.6 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: BF136233.D

Acq: 27 Nov 2023 21:02

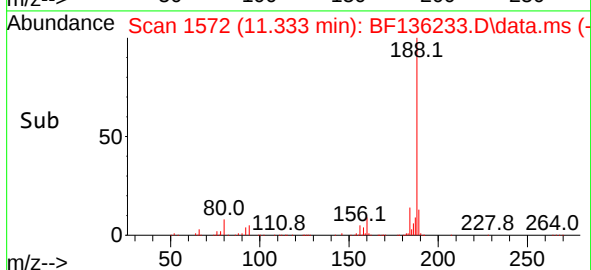
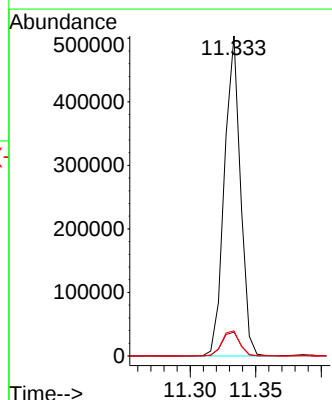
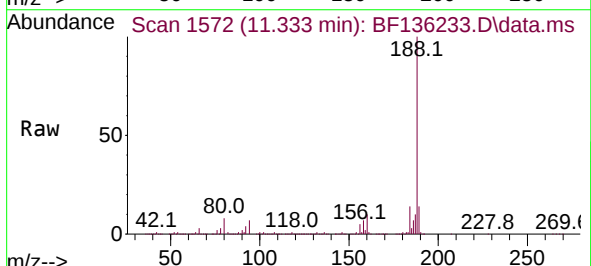
Tgt Ion: 188 Resp: 427009

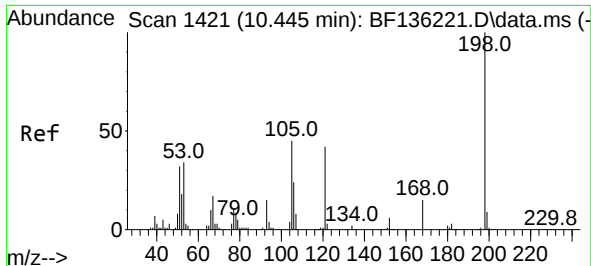
Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

80 7.8 7.2 10.8

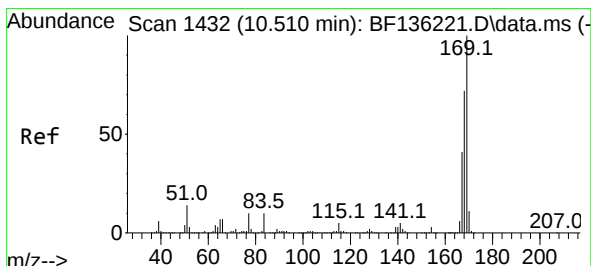
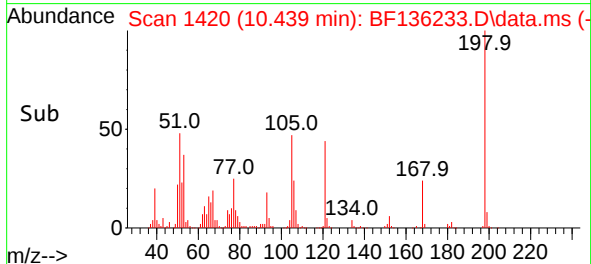
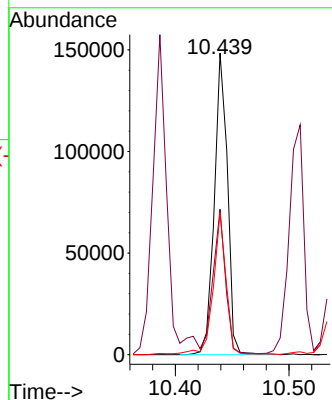
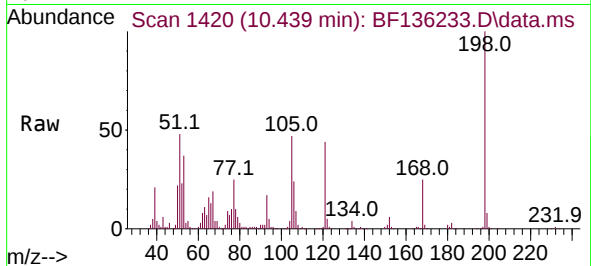




#65
4,6-Dinitro-2-methylphenol
Concen: 50.941 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

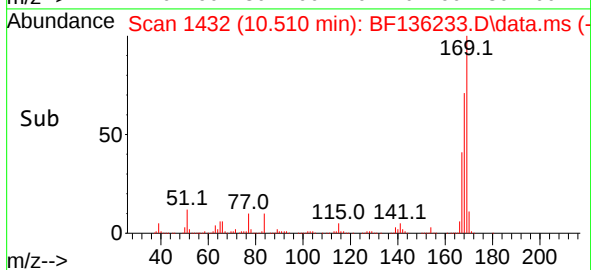
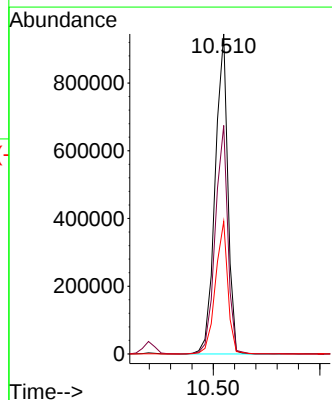
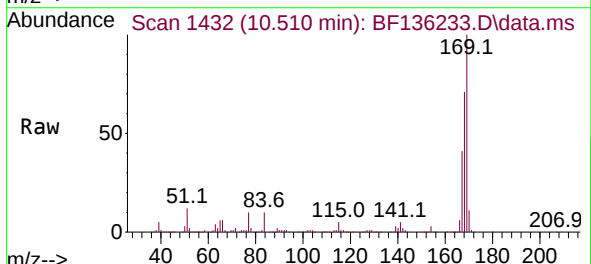
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

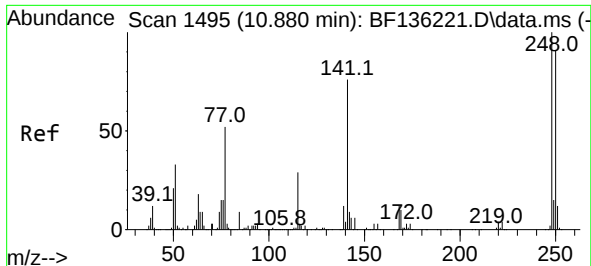
Tgt Ion:198 Resp: 118952
Ion Ratio Lower Upper
198 100
51 48.2 28.2 68.2
105 47.2 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 56.826 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:169 Resp: 777619
Ion Ratio Lower Upper
169 100
168 71.4 57.8 86.6
167 41.4 32.7 49.1

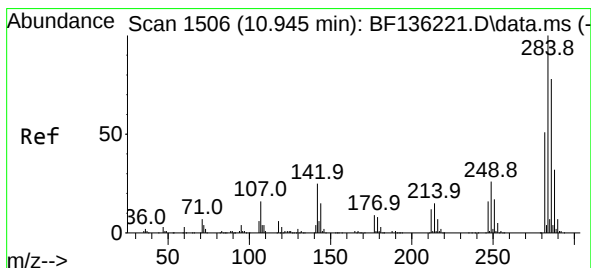
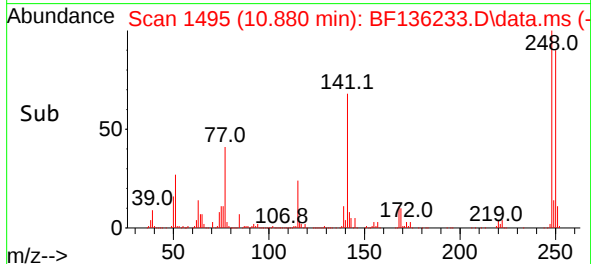
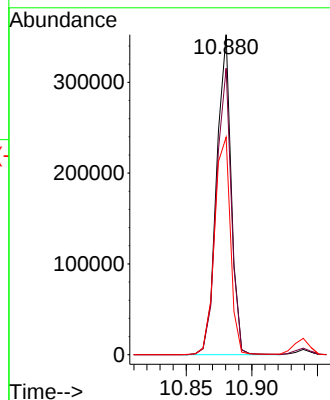
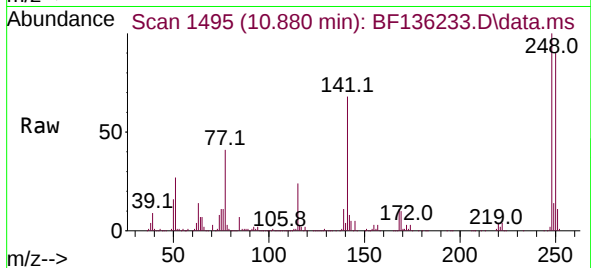




#67
4-Bromophenyl-phenylether
Concen: 54.703 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

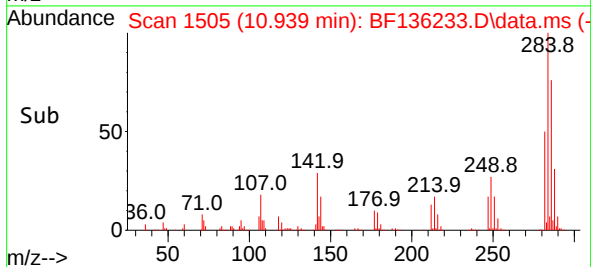
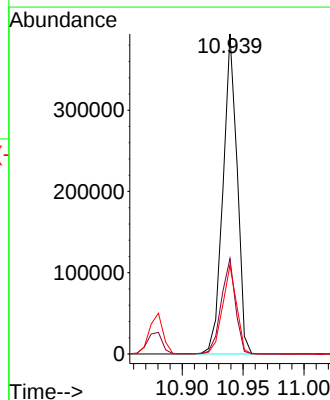
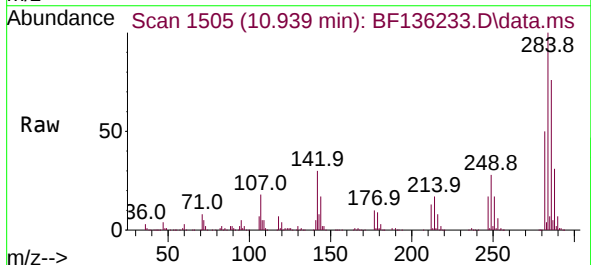
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

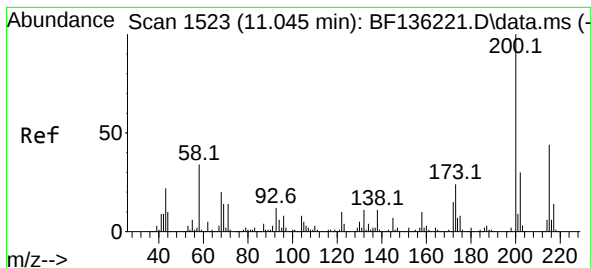
Tgt Ion:248 Resp: 272518
Ion Ratio Lower Upper
248 100
250 89.5 72.5 108.7
141 67.9 60.8 91.2



#68
Hexachlorobenzene
Concen: 55.145 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:284 Resp: 317950
Ion Ratio Lower Upper
284 100
142 29.8 19.8 29.8#
249 27.7 21.0 31.4





#69

Atrazine

Concen: 57.841 ng

RT: 11.039 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Instrument :

BNA_F

ClientSampleId :

TP-9MSD

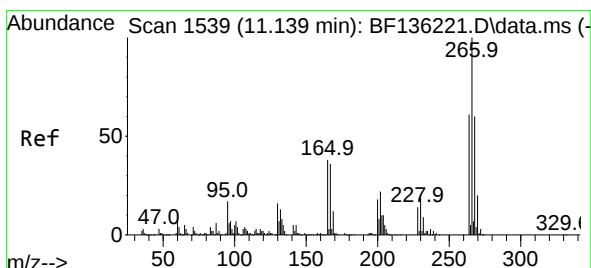
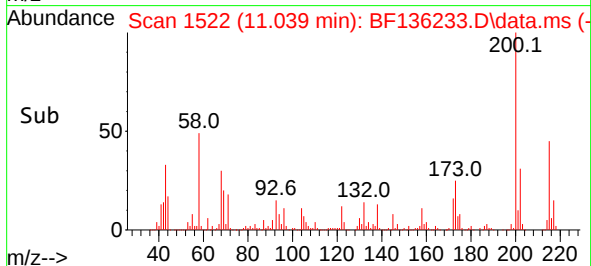
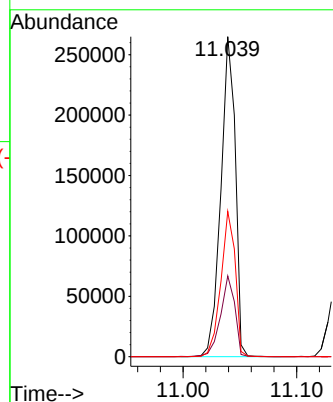
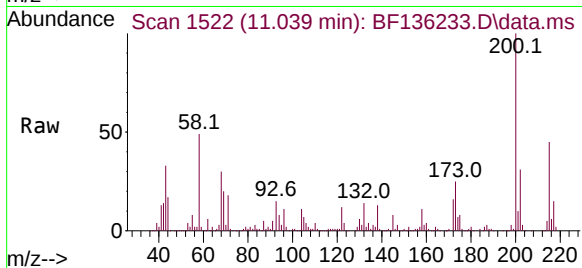
Tgt Ion:200 Resp: 234797

Ion Ratio Lower Upper

200 100

173 25.3 4.3 44.3

215 45.4 23.8 63.8



#70

Pentachlorophenol

Concen: 99.168 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

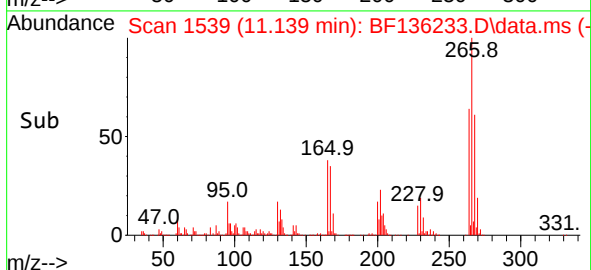
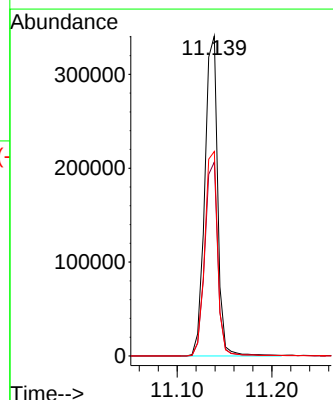
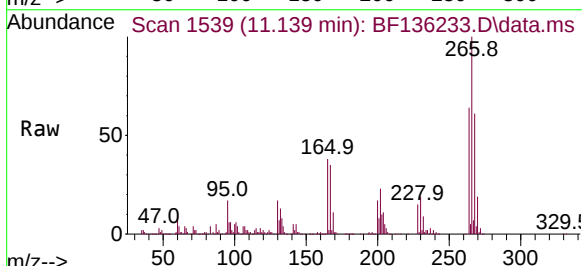
Tgt Ion:266 Resp: 323198

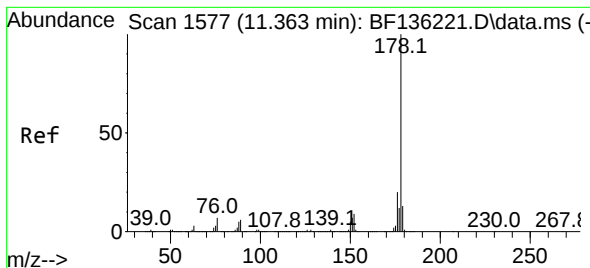
Ion Ratio Lower Upper

266 100

268 60.6 47.9 71.9

264 63.9 49.1 73.7





#71

Phenanthrene

Concen: 55.427 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Instrument :

BNA_F

ClientSampleId :

TP-9MSD

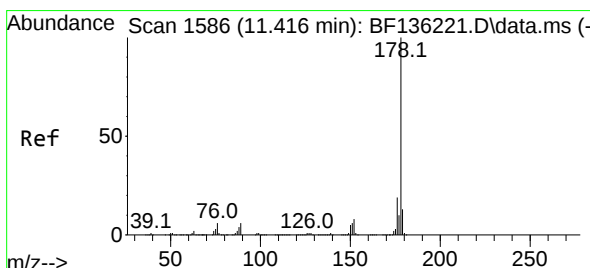
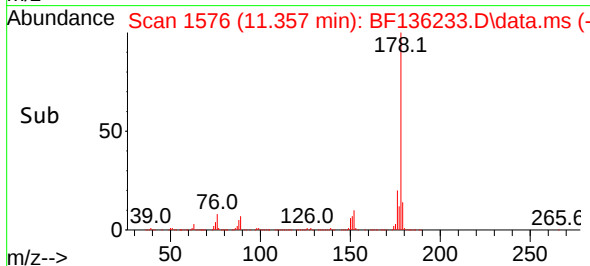
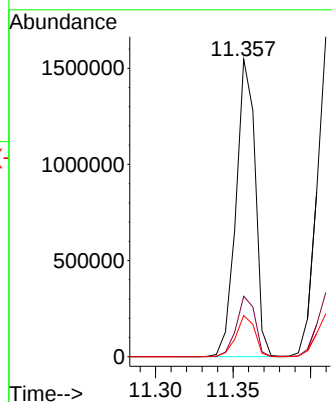
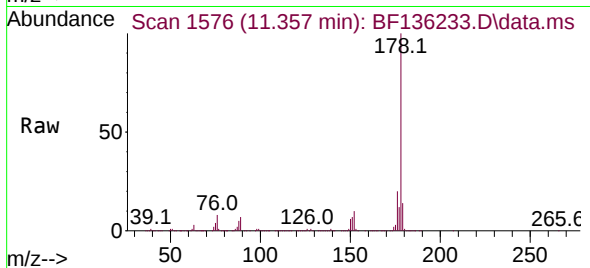
Tgt Ion:178 Resp: 1330245

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.2

179 13.8 10.3 15.5



#72

Anthracene

Concen: 55.374 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

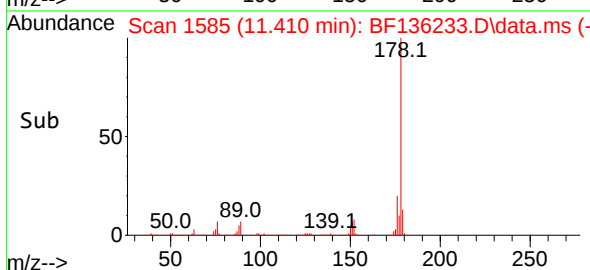
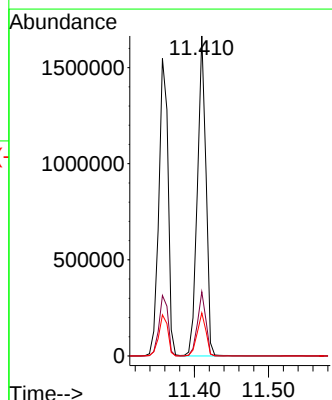
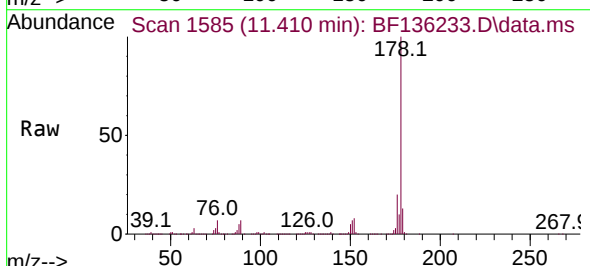
Tgt Ion:178 Resp: 1332719

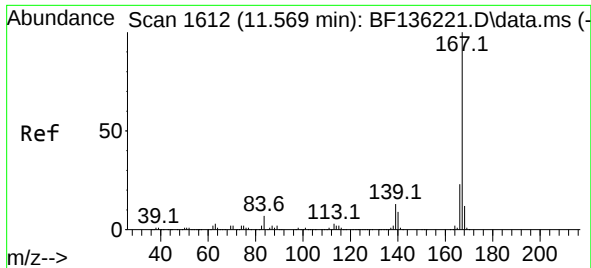
Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

179 13.4 10.5 15.7



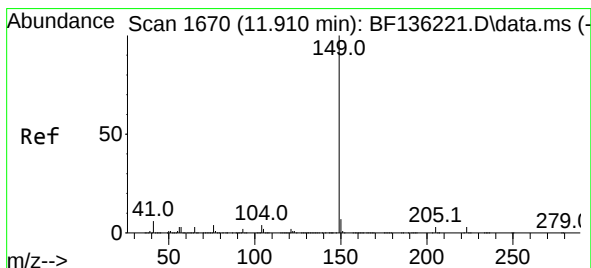
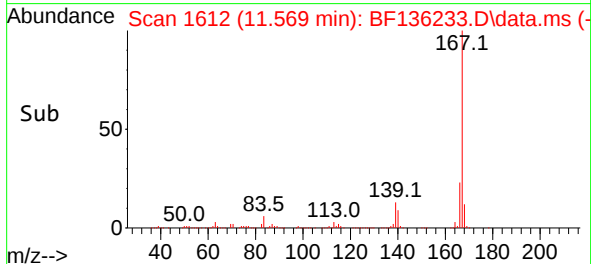
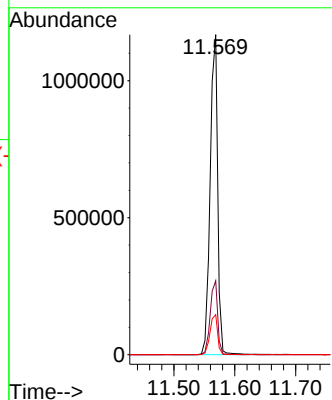
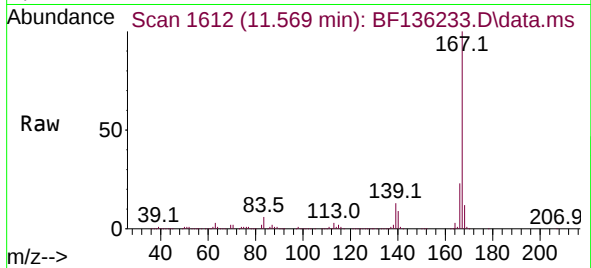


#73
 Carbazole
 Concen: 49.131 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136233.D
 Acq: 27 Nov 2023 21:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MSD

Tgt Ion:167 Resp: 1005694

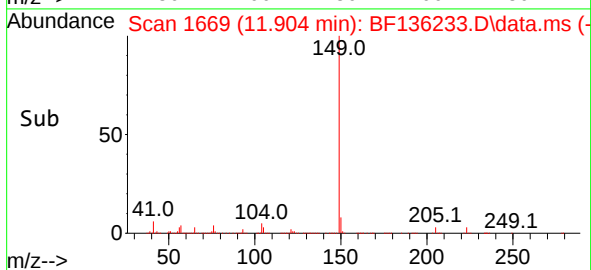
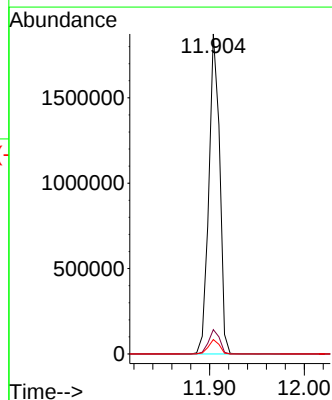
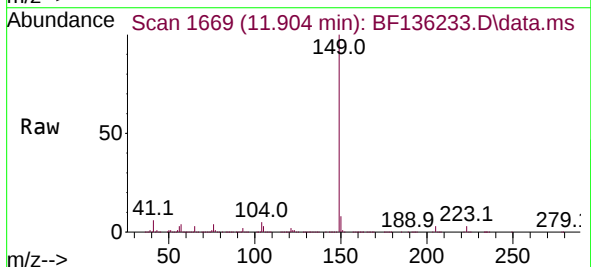
Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.4	27.6
139	12.5	10.5	15.7

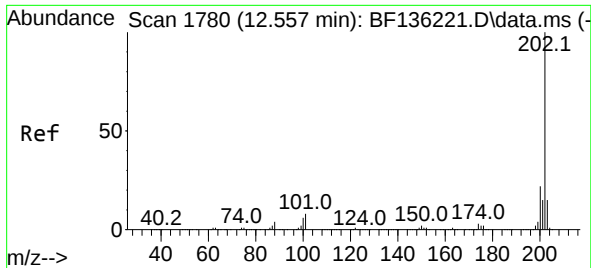


#74
 Di-n-butylphthalate
 Concen: 57.854 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136233.D
 Acq: 27 Nov 2023 21:02

Tgt Ion:149 Resp: 1481750

Ion	Ratio	Lower	Upper
149	100		
150	7.6	6.0	9.0
104	4.5	3.5	5.3

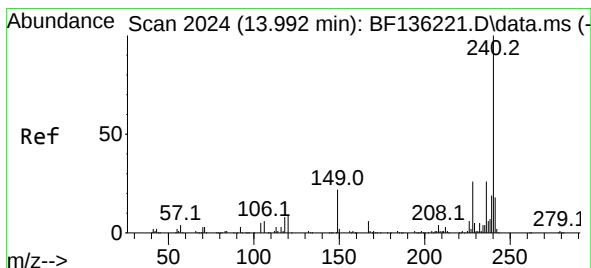
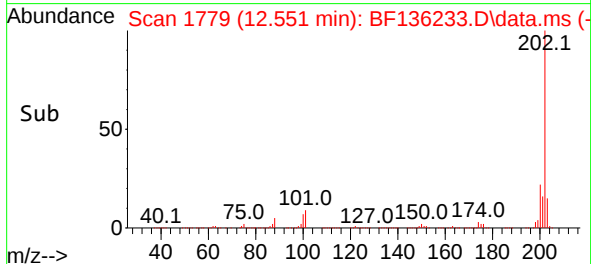
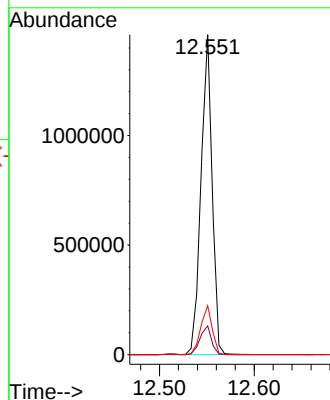
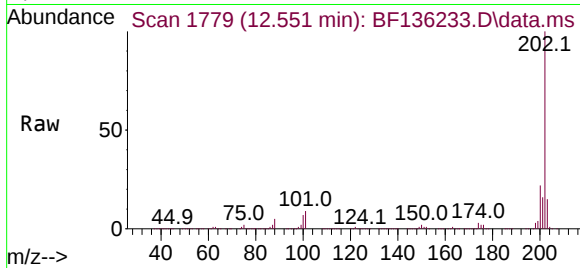




#75
Fluoranthene
Concen: 48.878 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

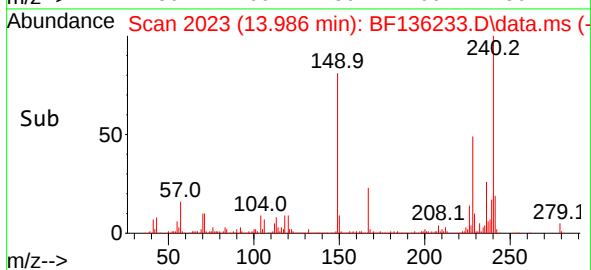
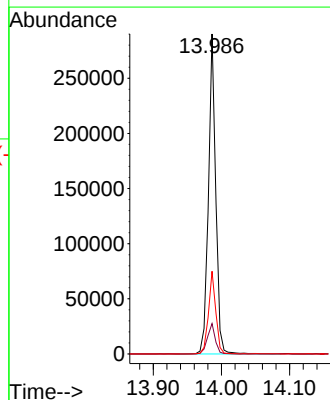
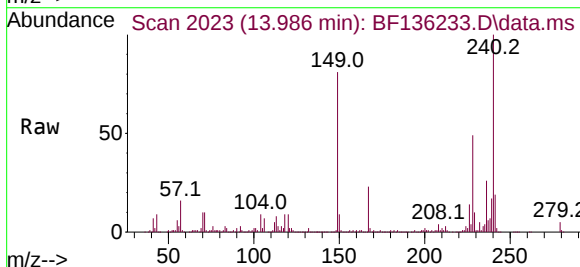
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

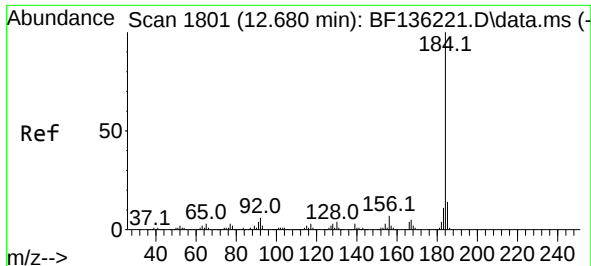
Tgt Ion:202 Resp: 1190855
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.8
203 15.3 0.0 34.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:240 Resp: 216714
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.2
236 25.8 21.1 31.7

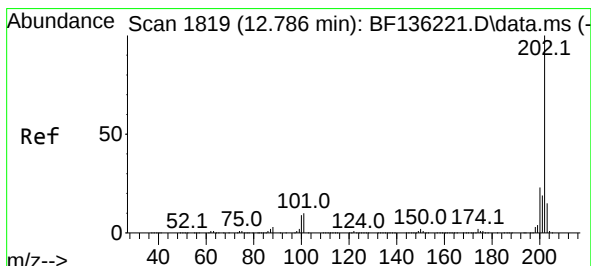
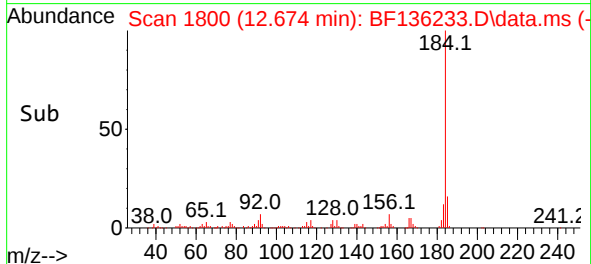
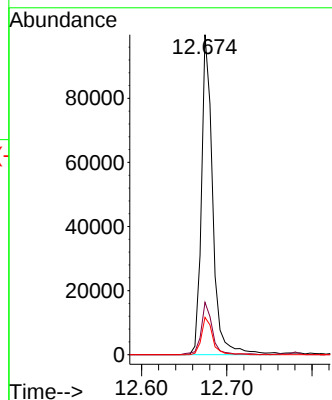
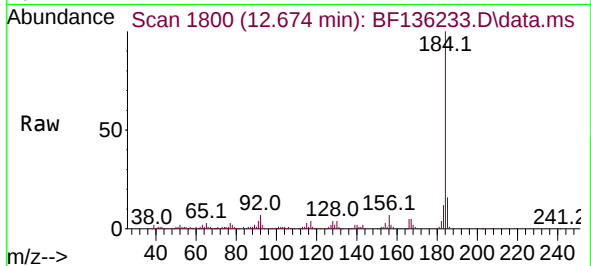




#77
Benzidine
Concen: 25.800 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

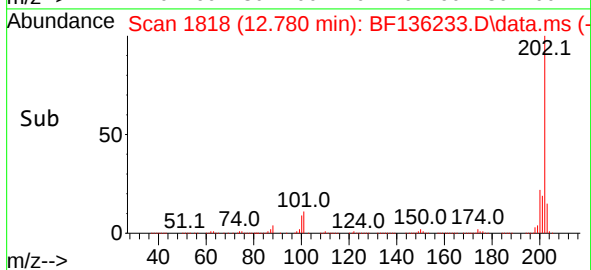
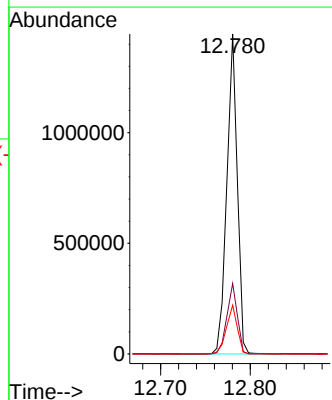
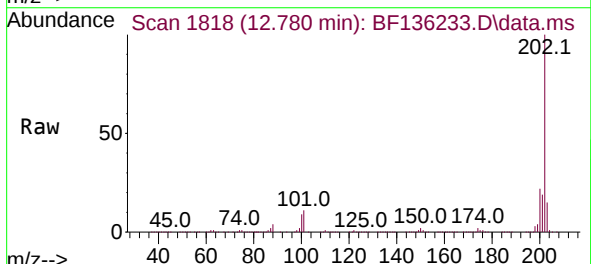
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

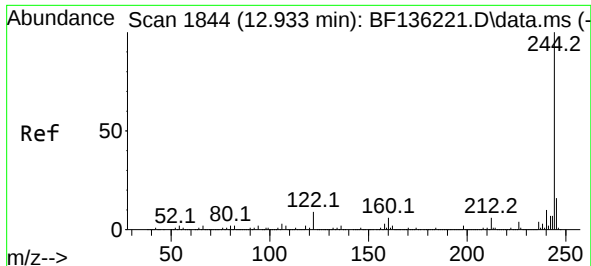
Tgt Ion:184 Resp: 91910
Ion Ratio Lower Upper
184 100
185 16.3 11.0 16.6
183 11.6 9.0 13.4



#78
Pyrene
Concen: 49.262 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:202 Resp: 1169192
Ion Ratio Lower Upper
202 100
200 22.1 18.4 27.6
203 15.3 11.8 17.6

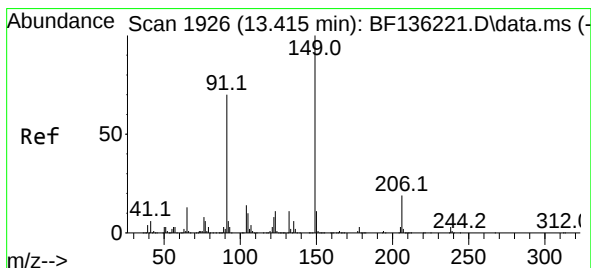
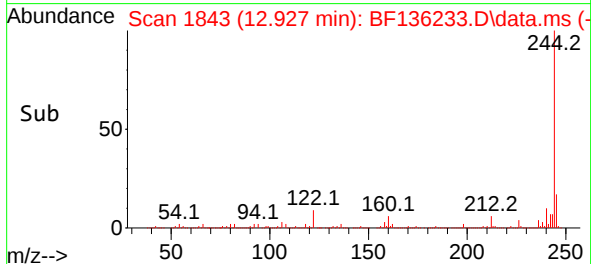
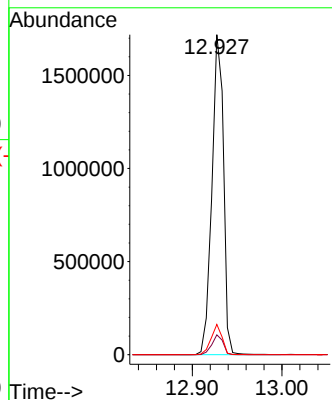
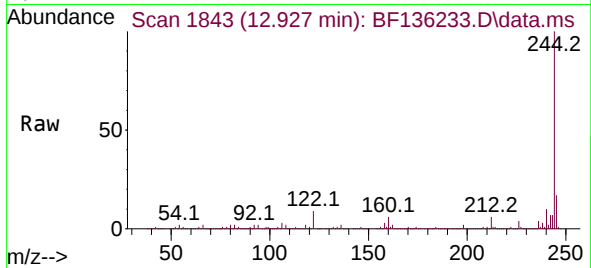




#79
 Terphenyl-d14
 Concen: 81.847 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136233.D
 Acq: 27 Nov 2023 21:02

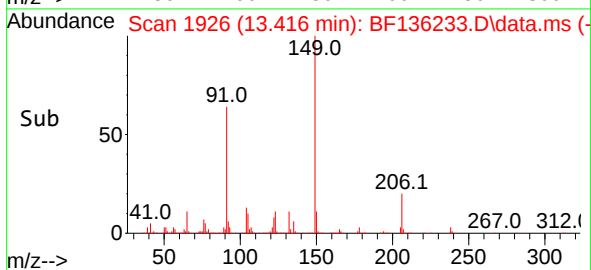
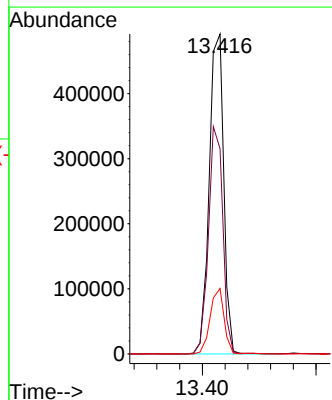
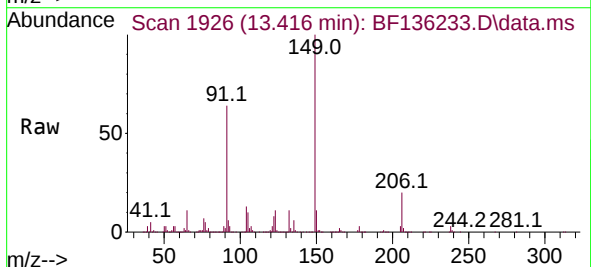
Instrument :
 BNA_F
 ClientSampleId :
 TP-9MSD

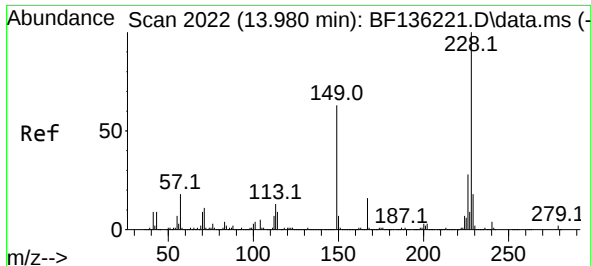
Tgt Ion:244 Resp: 1537714
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.6 7.0
 122 9.4 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 58.766 ng
 RT: 13.416 min Scan# 1926
 Delta R.T. 0.000 min
 Lab File: BF136233.D
 Acq: 27 Nov 2023 21:02

Tgt Ion:149 Resp: 434076
 Ion Ratio Lower Upper
 149 100
 91 64.2 56.4 84.6
 206 20.5 14.8 22.2

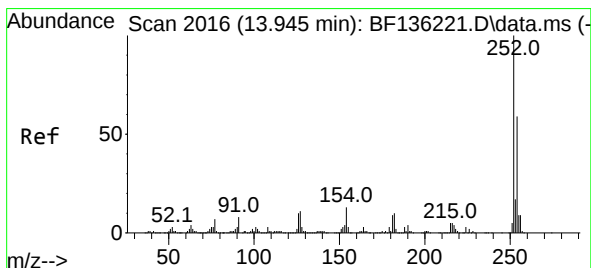
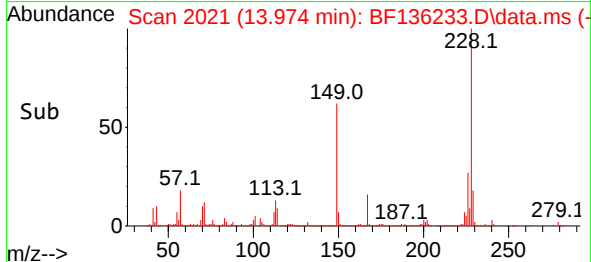
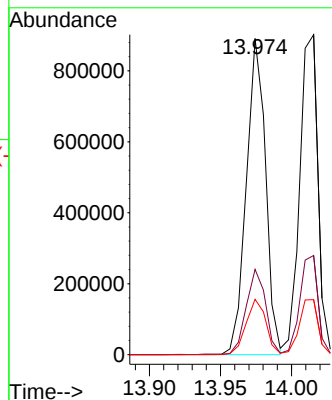
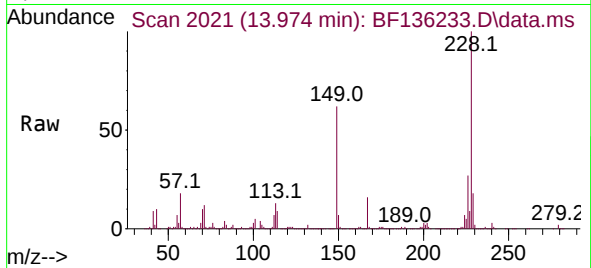




#81
Benzo(a)anthracene
Concen: 52.242 ng
RT: 13.974 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

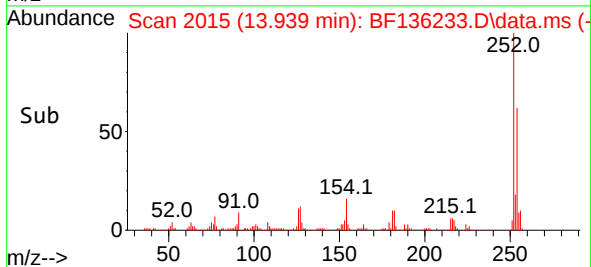
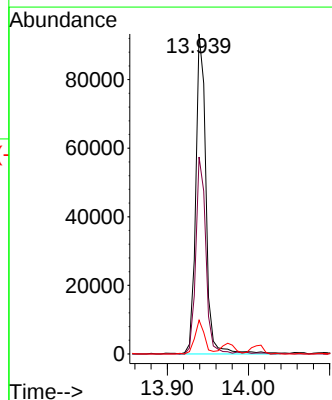
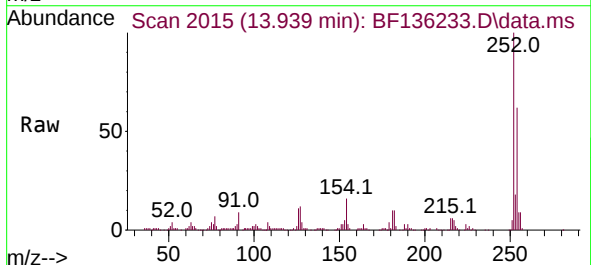
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

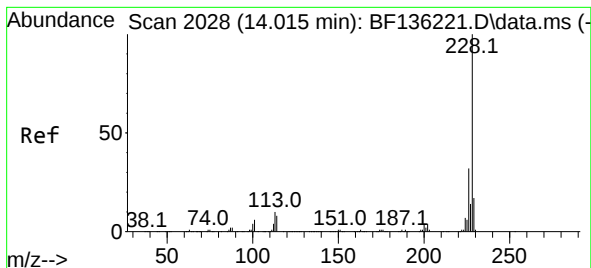
Tgt Ion:228 Resp: 840937
Ion Ratio Lower Upper
228 100
226 27.0 22.6 34.0
229 17.5 14.0 21.0



#82
3,3'-Dichlorobenzidine
Concen: 21.243 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:252 Resp: 82312
Ion Ratio Lower Upper
252 100
254 61.5 47.4 71.2
126 10.6 8.3 12.5





#83

Chrysene

Concen: 51.945 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Instrument :

BNA_F

ClientSampleId :

TP-9MSD

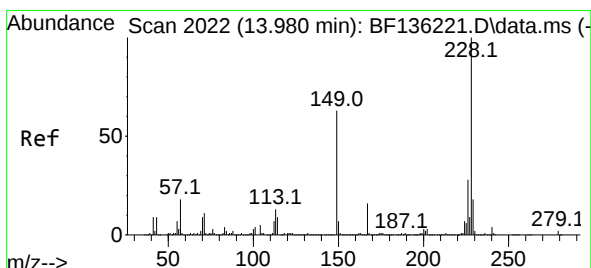
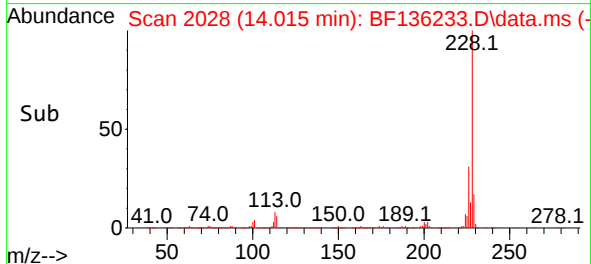
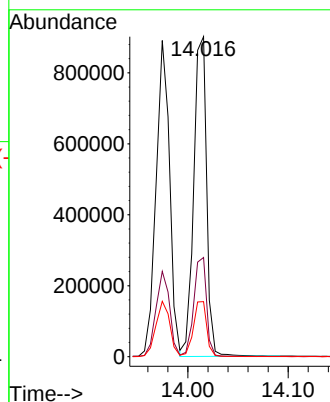
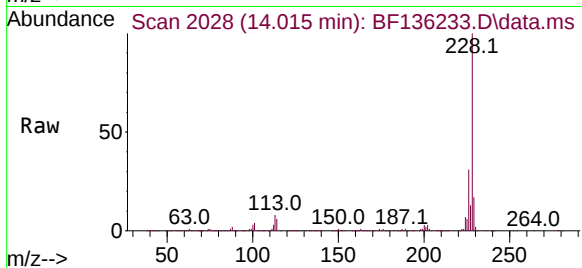
Tgt Ion:228 Resp: 807331

Ion Ratio Lower Upper

228 100

226 31.0 25.5 38.3

229 17.2 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.603 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

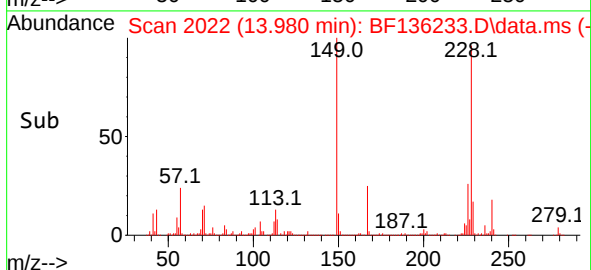
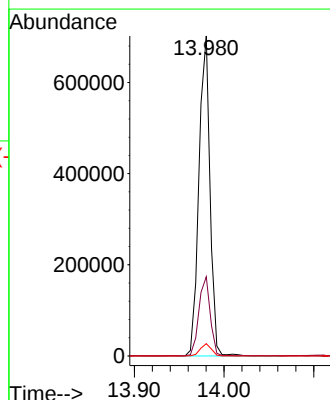
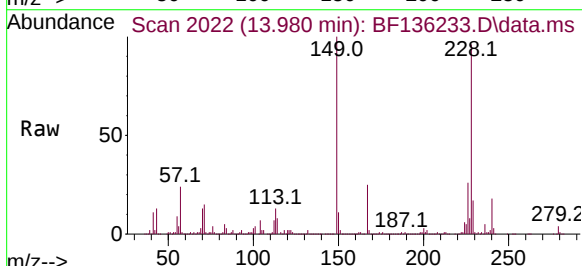
Tgt Ion:149 Resp: 599286

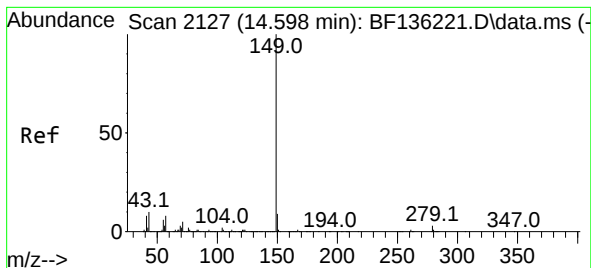
Ion Ratio Lower Upper

149 100

167 24.7 20.2 30.2

279 3.9 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 64.406 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Instrument :

BNA_F

ClientSampleId :

TP-9MSD

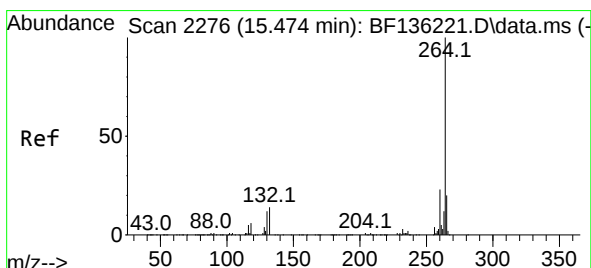
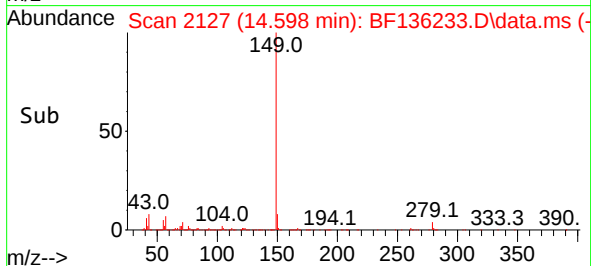
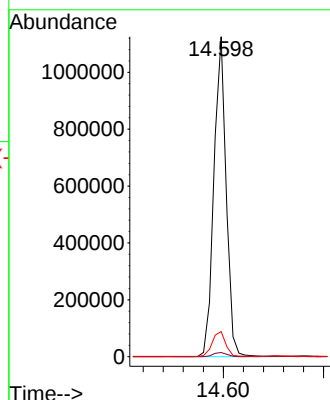
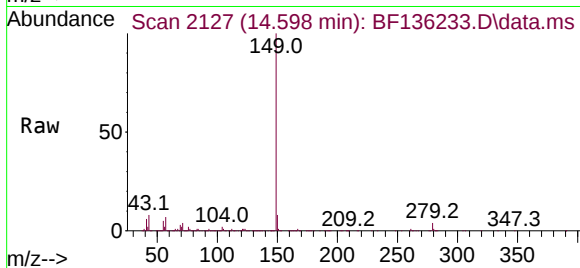
Tgt Ion:149 Resp: 955754

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 8.5 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: BF136233.D

Acq: 27 Nov 2023 21:02

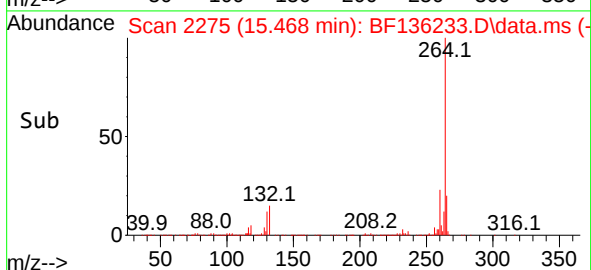
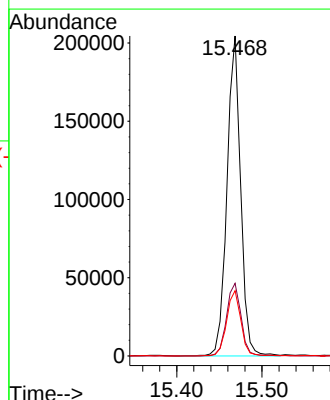
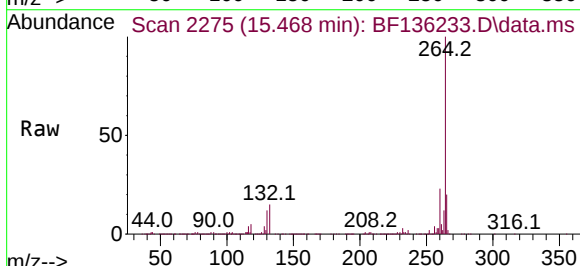
Tgt Ion:264 Resp: 227811

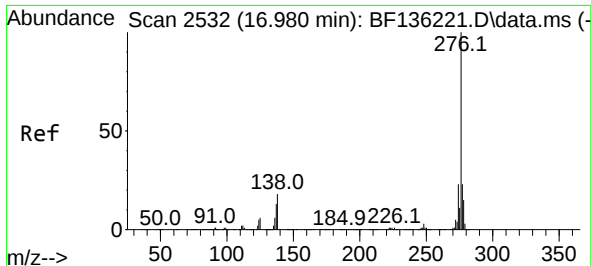
Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 20.4 15.7 23.5

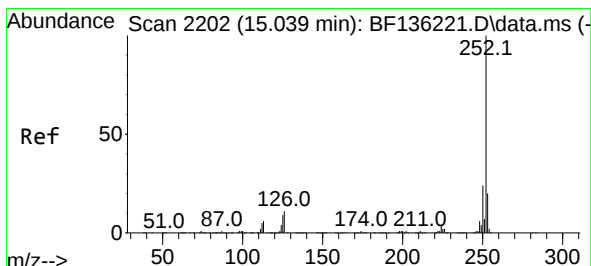
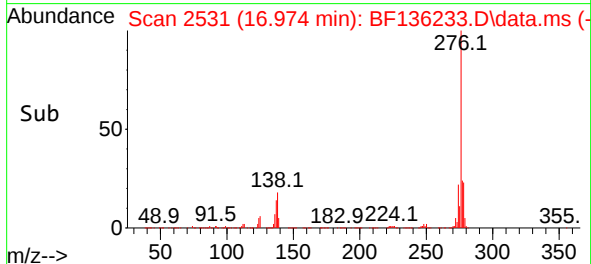
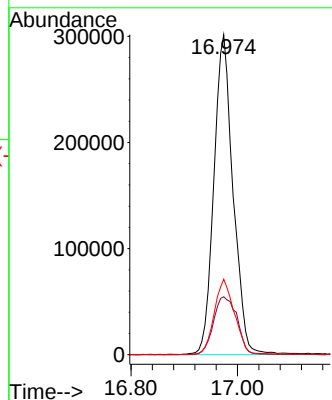
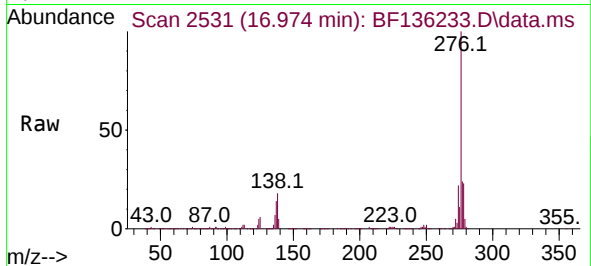




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.460 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

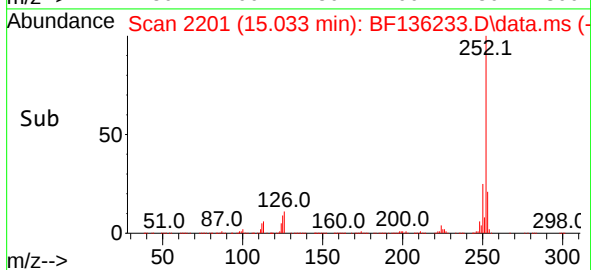
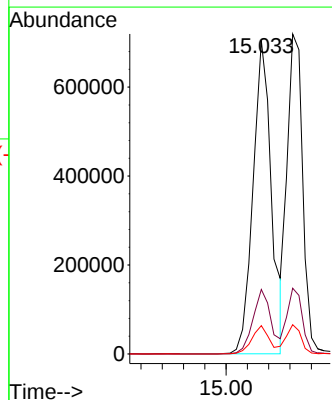
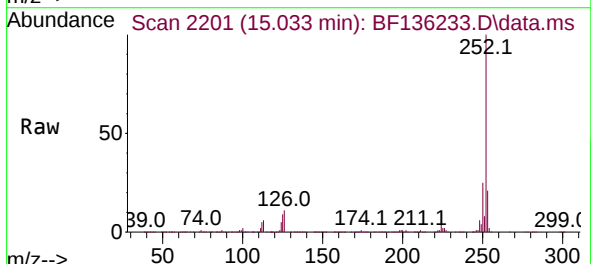
Instrument :
BNA_F
ClientSampleId :
TP-9MSD

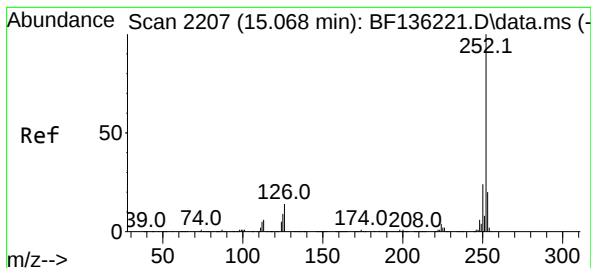
Tgt Ion:276 Resp: 753526
Ion Ratio Lower Upper
276 100
138 22.6 17.7 26.5
277 24.8 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 52.898 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:252 Resp: 845465
Ion Ratio Lower Upper
252 100
253 20.6 16.2 24.2
125 9.0 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 48.619 ng

RT: 15.063 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

Instrument :

BNA_F

ClientSampleId :

TP-9MSD

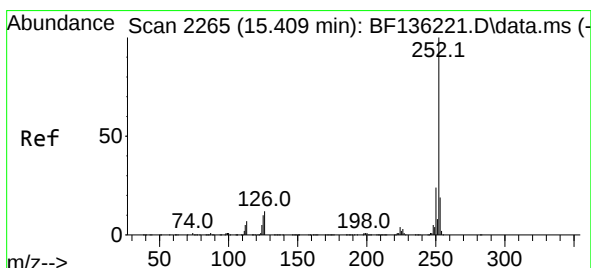
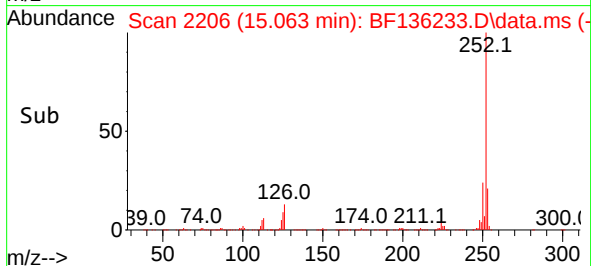
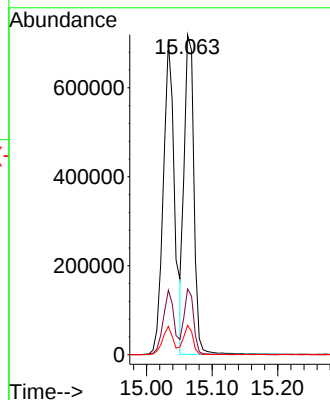
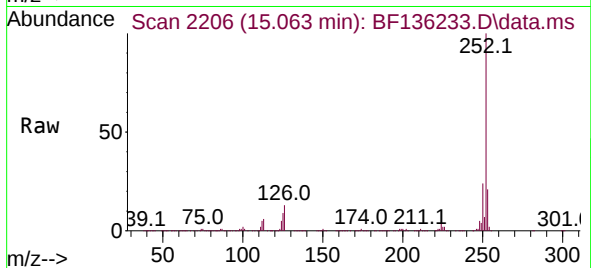
Tgt Ion:252 Resp: 738038

Ion Ratio Lower Upper

252 100

253 20.6 15.6 23.4

125 9.2 7.0 10.4



#90

Benzo(a)pyrene

Concen: 52.658 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.005 min

Lab File: BF136233.D

Acq: 27 Nov 2023 21:02

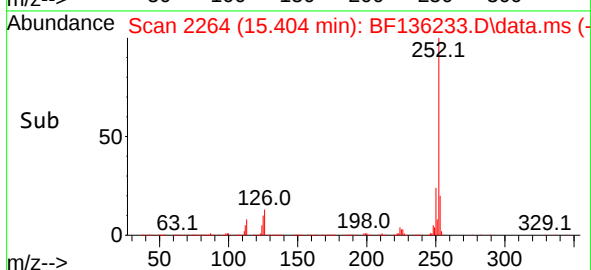
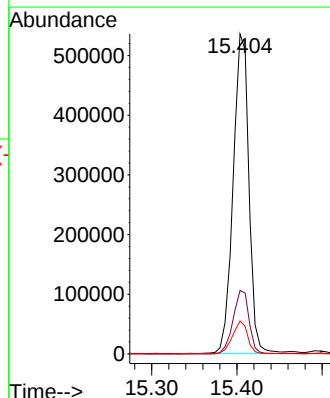
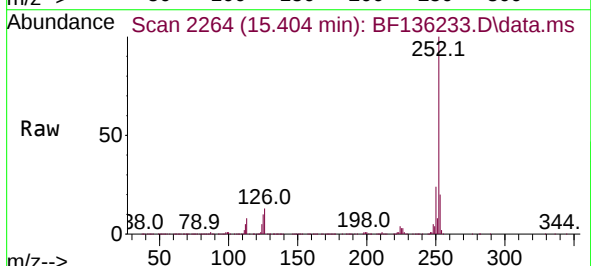
Tgt Ion:252 Resp: 688005

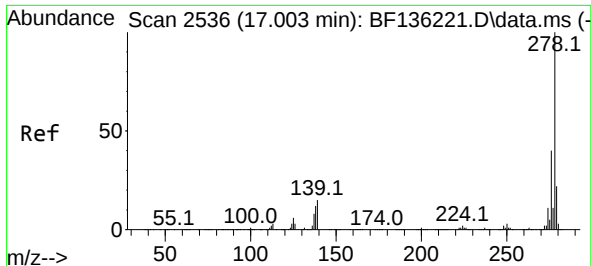
Ion Ratio Lower Upper

252 100

253 19.9 15.5 23.3

125 10.3 7.9 11.9

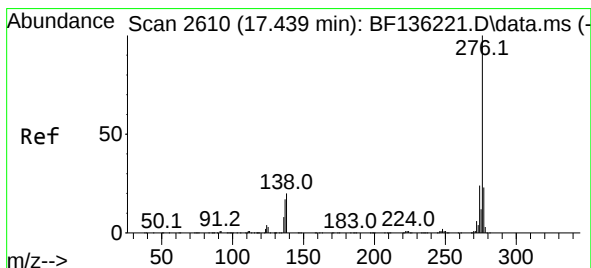
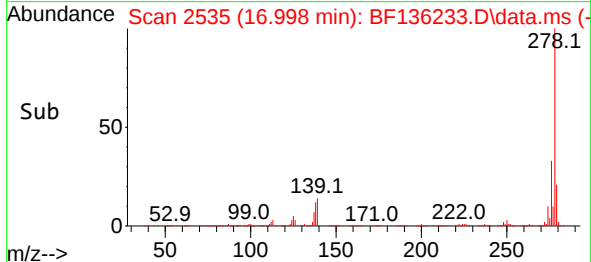
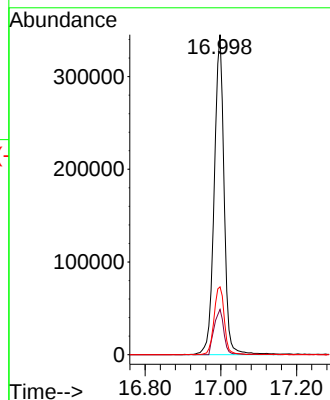
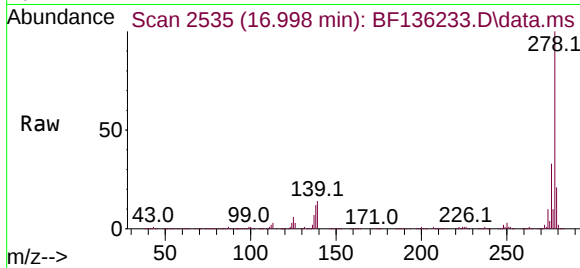




#91
Dibenzo(a,h)anthracene
Concen: 45.612 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Tgt Ion:278 Resp: 621433
Ion Ratio Lower Upper
278 100
139 14.1 11.7 17.5
279 21.2 17.8 26.8



#92
Benzo(g,h,i)perylene
Concen: 41.806 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF136233.D
Acq: 27 Nov 2023 21:02

Tgt Ion:276 Resp: 569837
Ion Ratio Lower Upper
276 100
277 22.1 18.6 27.8
138 19.2 15.8 23.8

