

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139636.D
 Acq On : 03 Oct 2024 17:29
 Operator : RC/JU
 Sample : P4190-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-TMS

Quant Time: Oct 03 18:03:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	89373	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	340334	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	189635	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	355376	20.000	ng	0.00
76) Chrysene-d12	14.027	240	189160	20.000	ng	0.00
86) Perylene-d12	15.498	264	185966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	671354	130.198	ng	0.02
7) Phenol-d6	6.504	99	842315	121.472	ng	0.00
23) Nitrobenzene-d5	7.434	82	630400	93.782	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	250374	136.770	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1126063	91.160	ng	0.00
79) Terphenyl-d14	12.975	244	1175074	101.929	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.811	88	94243	42.274	ng	# 80
3) Pyridine	3.522	79	204255	37.673	ng	98
4) n-Nitrosodimethylamine	3.463	42	166982	47.051	ng	97
6) Aniline	6.534	93	190802	31.008	ng	94
8) 2-Chlorophenol	6.657	128	268273	48.561	ng	97
9) Benzaldehyde	6.416	77	11325	3.083	ng	96
10) Phenol	6.516	94	316149	43.359	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	267491	45.057	ng	99
12) 1,3-Dichlorobenzene	6.810	146	270333	43.498	ng	99
13) 1,4-Dichlorobenzene	6.887	146	274799	43.658	ng	100
14) 1,2-Dichlorobenzene	7.034	146	265063	44.932	ng	99
15) Benzyl Alcohol	7.010	79	264578	49.937	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	485496	47.239	ng	93
17) 2-Methylphenol	7.122	107	217972	47.262	ng	99
18) Hexachloroethane	7.375	117	104241	44.400	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	207313	46.502	ng	100
20) 3+4-Methylphenols	7.275	107	270229	46.649	ng	98
22) Acetophenone	7.275	105	379548	46.983	ng	99
24) Nitrobenzene	7.451	77	316136	45.418	ng	100
25) Isophorone	7.687	82	567036	47.495	ng	99
26) 2-Nitrophenol	7.763	139	145253	48.542	ng	98
27) 2,4-Dimethylphenol	7.804	122	223924	61.128	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	331094	46.442	ng	99
29) 2,4-Dichlorophenol	8.010	162	230915	48.328	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	233968	43.299	ng	99
31) Naphthalene	8.169	128	792794	45.561	ng	100
32) Benzoic acid	7.928	122	165488	45.432	ng	99
33) 4-Chloroaniline	8.216	127	76875	13.052	ng	99
34) Hexachlorobutadiene	8.281	225	150298	42.981	ng	99
35) Caprolactam	8.593	113	41152	26.259	ng	94
36) 4-Chloro-3-methylphenol	8.704	107	258461	47.785	ng	98
37) 2-Methylnaphthalene	8.863	142	527633	46.557	ng	99
38) 1-Methylnaphthalene	8.957	142	491602	44.377	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	245550	46.630	ng	99
41) Hexachlorocyclopentadiene	9.010	237	269061	166.636	ng	99
43) 2,4,6-Trichlorophenol	9.140	196	172603	48.622	ng	99

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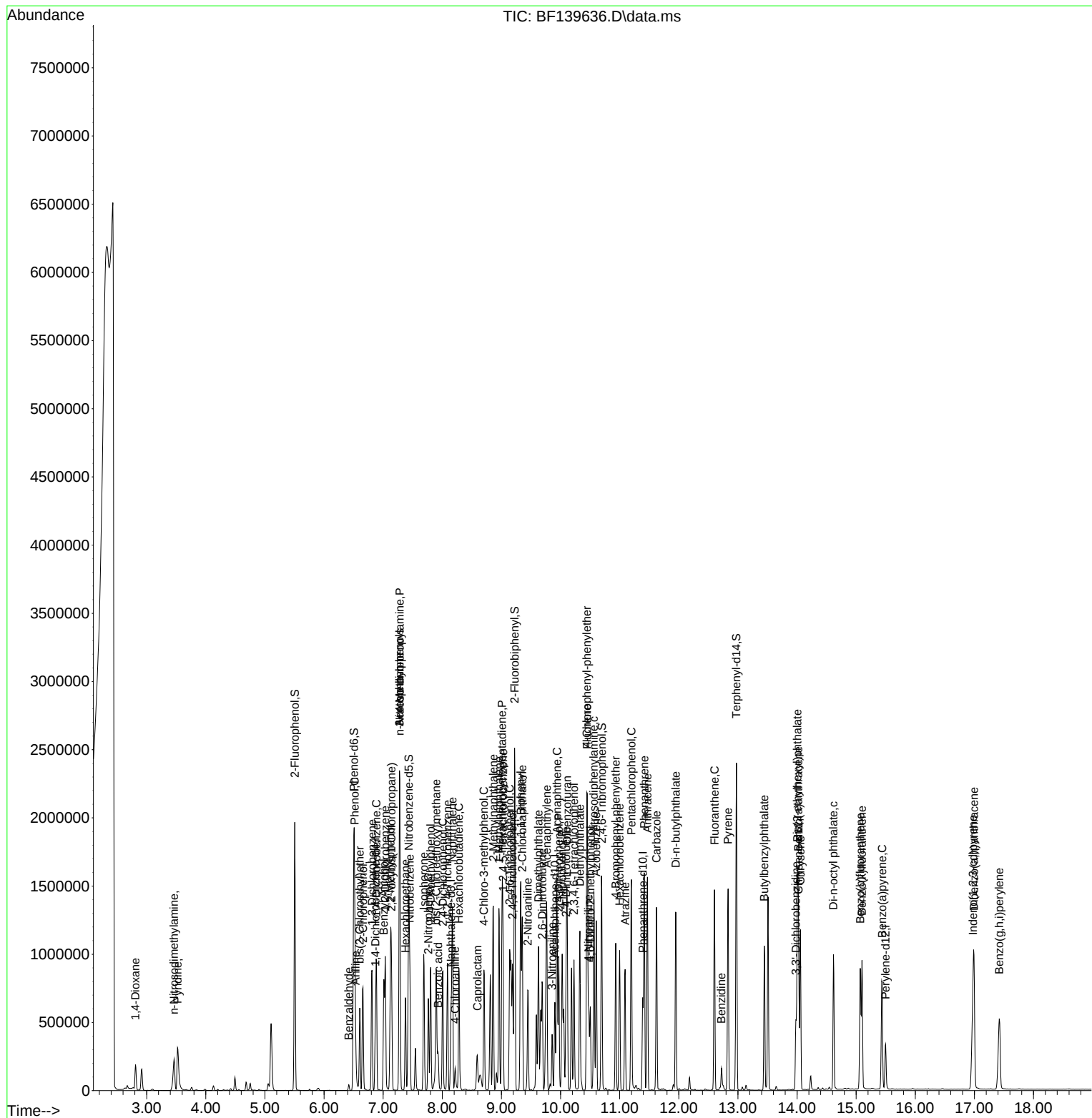
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	182348	47.632	ng	97
46) 1,1'-Biphenyl	9.328	154	665634	47.193	ng	100
47) 2-Chloronaphthalene	9.351	162	496231	46.931	ng	99
48) 2-Nitroaniline	9.445	65	189384	49.895	ng	98
49) Acenaphthylene	9.769	152	822285	51.136	ng	100
50) Dimethylphthalate	9.628	163	616174	49.637	ng	100
51) 2,6-Dinitrotoluene	9.692	165	132801	47.358	ng	94
52) Acenaphthene	9.939	154	499032	45.206	ng	99
53) 3-Nitroaniline	9.857	138	78430	27.369	ng	99
54) 2,4-Dinitrophenol	9.969	184	170974	113.357	ng	99
55) Dibenzofuran	10.110	168	744273	48.153	ng	100
56) 4-Nitrophenol	10.028	139	198788	90.966	ng	97
57) 2,4-Dinitrotoluene	10.092	165	180959	49.369	ng	99
58) Fluorene	10.451	166	584687	47.495	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	160327	51.852	ng	98
60) Diethylphthalate	10.328	149	609365	47.525	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	286971	46.595	ng	97
62) 4-Nitroaniline	10.475	138	133494	45.542	ng	98
63) Azobenzene	10.604	77	612606	47.509	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	104136	51.884	ng	97
66) n-Nitrosodiphenylamine	10.563	169	505373	48.245	ng	99
67) 4-Bromophenyl-phenylether	10.934	248	170509	46.796	ng	99
68) Hexachlorobenzene	10.998	284	187023	46.256	ng	100
69) Atrazine	11.092	200	143114	50.921	ng	99
70) Pentachlorophenol	11.198	266	247626	102.855	ng	98
71) Phenanthrene	11.416	178	831580	49.628	ng	99
72) Anthracene	11.469	178	841521	50.764	ng	99
73) Carbazole	11.622	167	759654	47.713	ng	100
74) Di-n-butylphthalate	11.951	149	935403	48.314	ng	99
75) Fluoranthene	12.604	202	854081	46.628	ng	100
77) Benzidine	12.722	184	90945	27.257	ng	98
78) Pyrene	12.833	202	866834	51.236	ng	100
80) Butylbenzylphthalate	13.445	149	327735	54.157	ng	99
81) Benzo(a)anthracene	14.022	228	623660	50.147	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	138650	36.428	ng	97
83) Chrysene	14.057	228	551308	48.487	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	428519	56.708	ng	100
85) Di-n-octyl phthalate	14.616	149	617910	55.661	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	639022	58.382	ng	99
88) Benzo(b)fluoranthene	15.069	252	590465	49.106	ng	99
89) Benzo(k)fluoranthene	15.098	252	458301	44.932	ng	100
90) Benzo(a)pyrene	15.439	252	505301	53.296	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	530632	58.450	ng	99
92) Benzo(g,h,i)perylene	17.421	276	491143	53.944	ng	99

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

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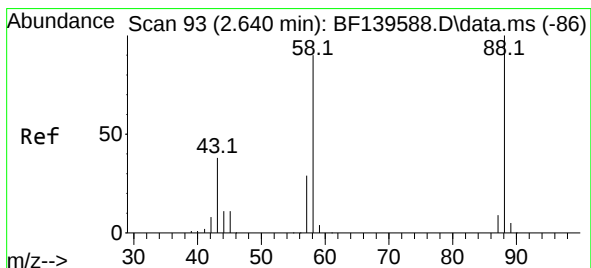
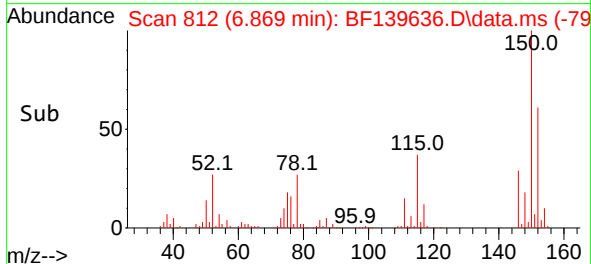
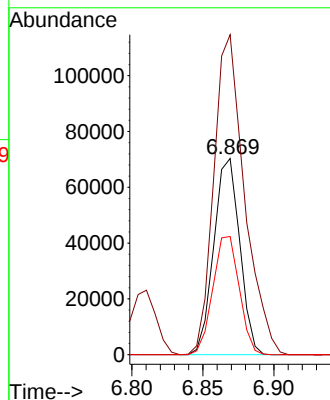
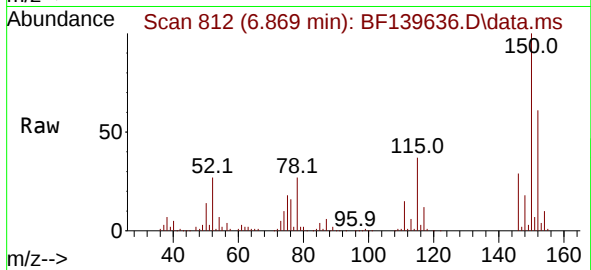




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

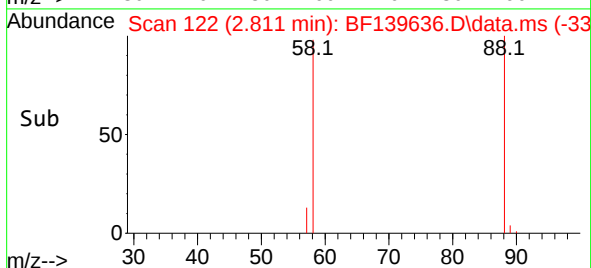
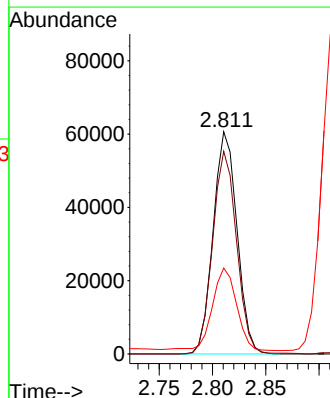
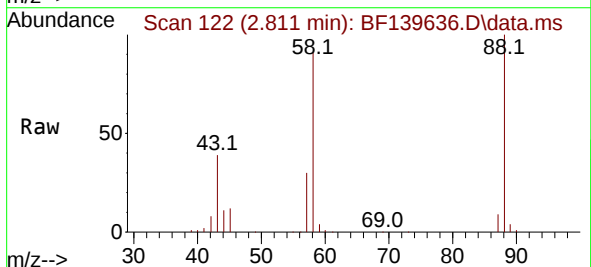
Instrument :
BNA_F
ClientSampleId :
TP-TMS

Tgt Ion:152 Resp: 89373
Ion Ratio Lower Upper
152 100
150 163.1 127.2 190.8
115 60.3 49.0 73.4



#2
1,4-Dioxane
Concen: 42.274 ng
RT: 2.811 min Scan# 122
Delta R.T. 0.171 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion: 88 Resp: 94243
Ion Ratio Lower Upper
88 100
58 91.7 72.0 108.0
43 0.0 30.8 46.2#





#3

Pyridine

Concen: 37.673 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.129 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

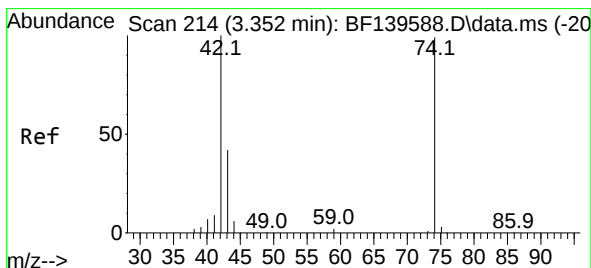
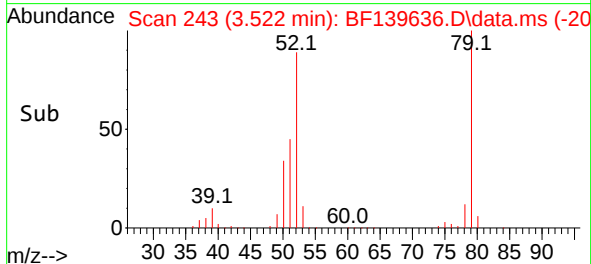
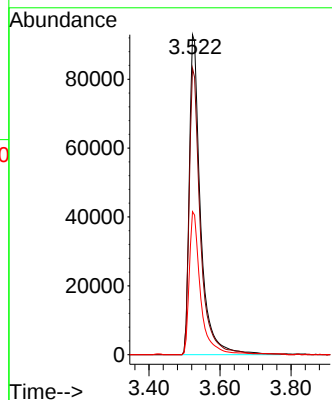
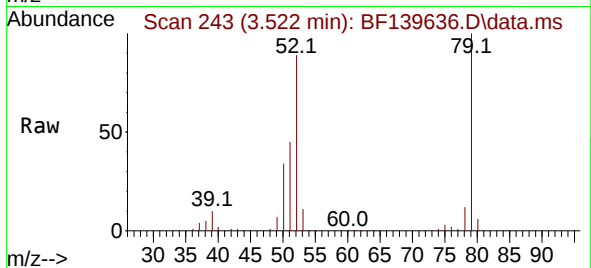
Tgt Ion: 79 Resp: 204255

Ion Ratio Lower Upper

79 100

52 89.5 72.6 109.0

51 44.7 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 47.051 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.112 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

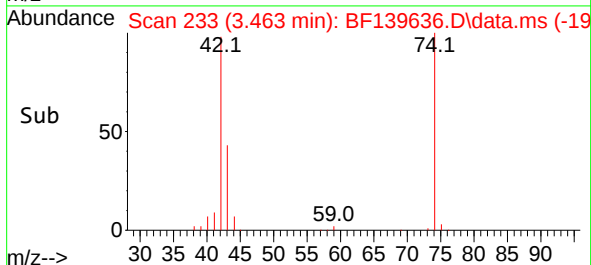
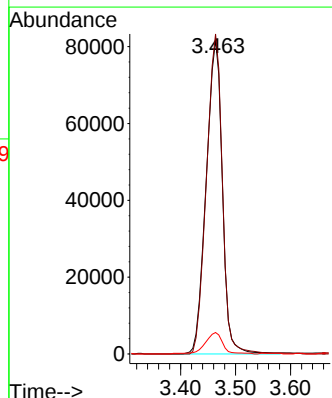
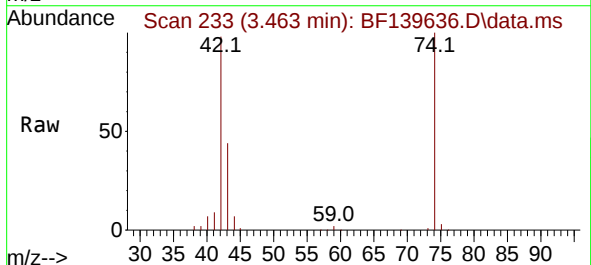
Tgt Ion: 42 Resp: 166982

Ion Ratio Lower Upper

42 100

74 102.0 79.0 118.6

44 6.8 5.2 7.8

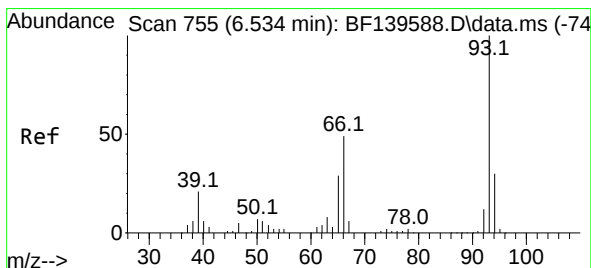
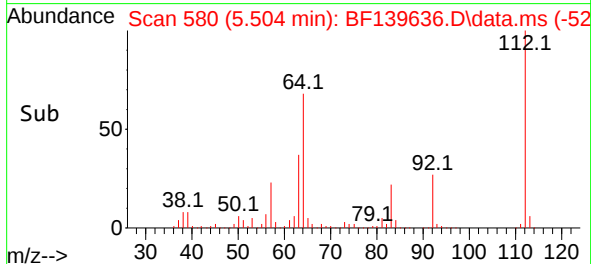
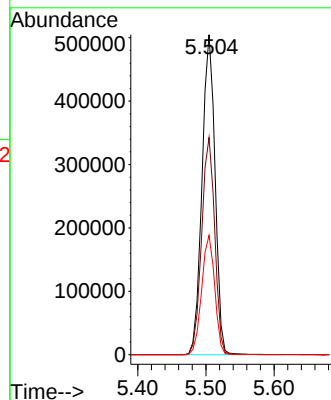
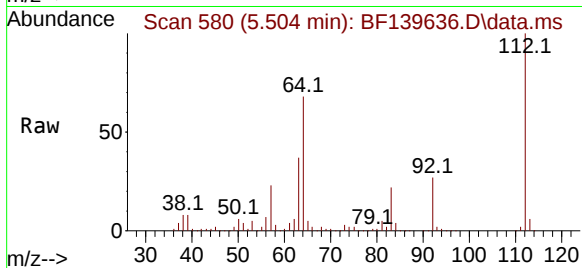




#5
2-Fluorophenol
Concen: 130.198 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

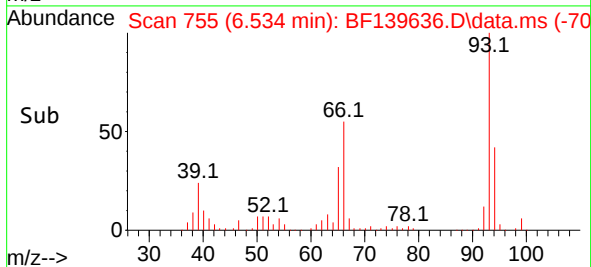
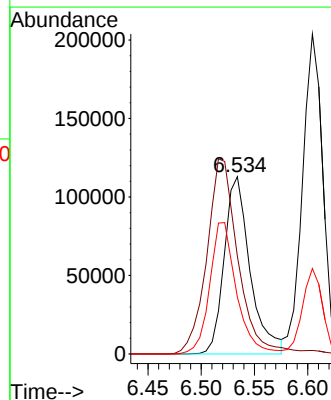
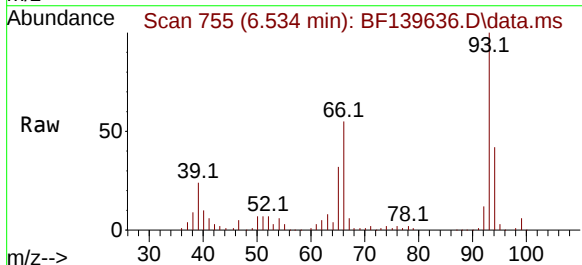
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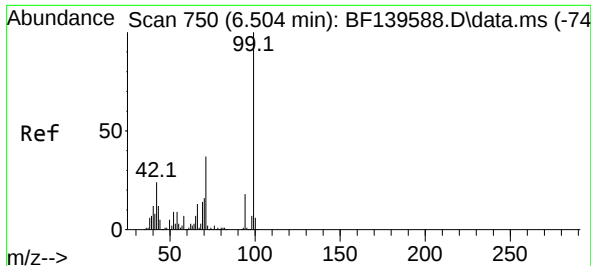
Tgt Ion:112 Resp: 671354
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 37.3 29.4 44.2



#6
Aniline
Concen: 31.008 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion: 93 Resp: 190802
Ion Ratio Lower Upper
93 100
66 55.1 40.9 61.3
65 32.1 23.3 34.9





#7
Phenol-d6
Concen: 121.472 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

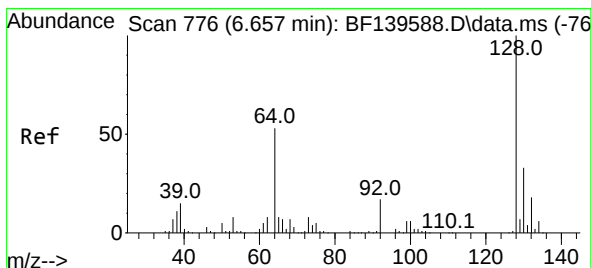
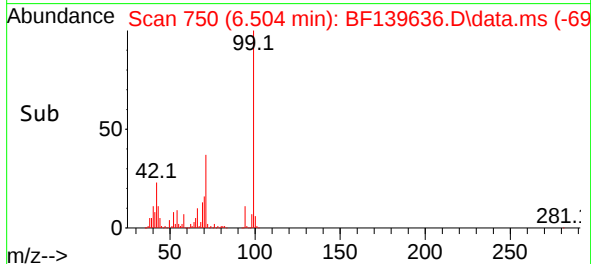
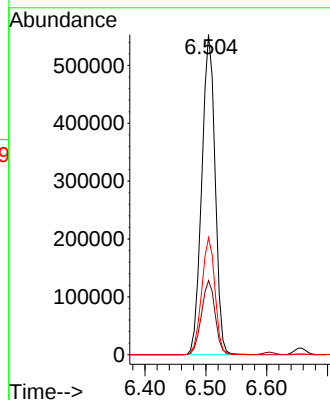
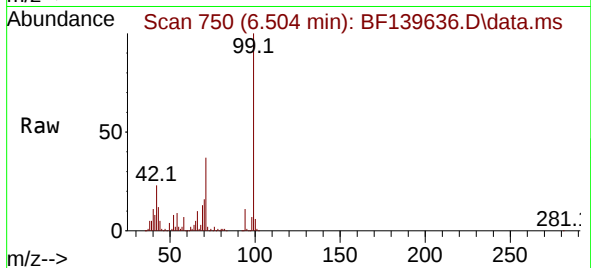
Instrument :

BNA_F

ClientSampleId :

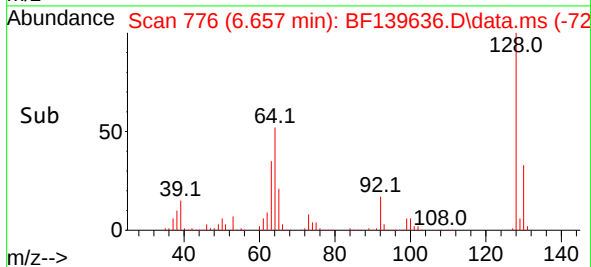
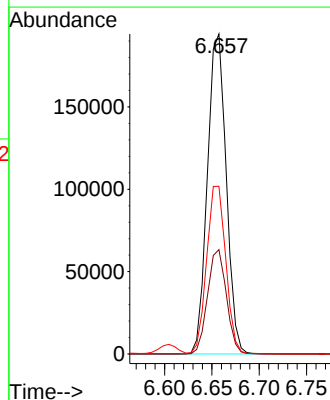
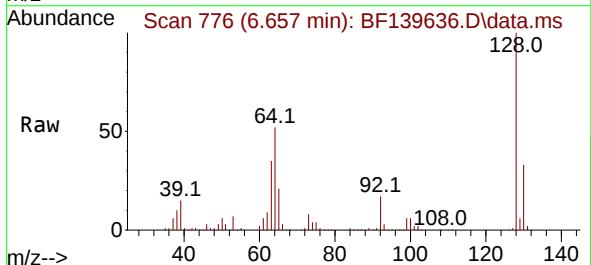
TP-TMS

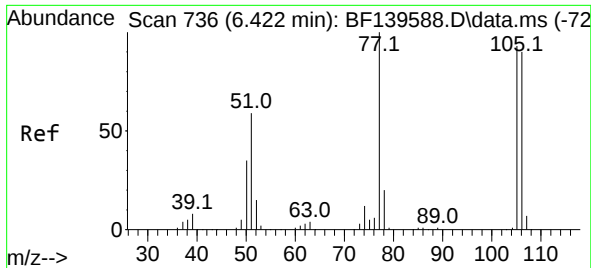
Tgt Ion: 99 Resp: 842315
Ion Ratio Lower Upper
99 100
42 23.2 19.1 28.7
71 36.5 29.7 44.5



#8
2-Chlorophenol
Concen: 48.561 ng
RT: 6.657 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF139636.D
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Tgt Ion:128 Resp: 268273
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 52.4 35.1 75.1





#9

Benzaldehyde

Concen: 3.083 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

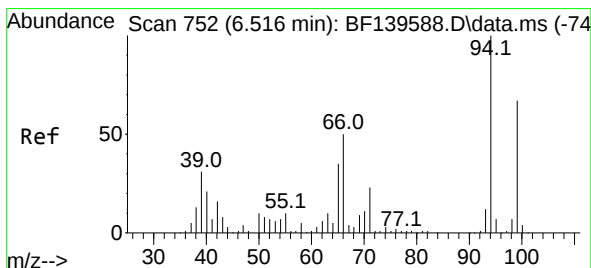
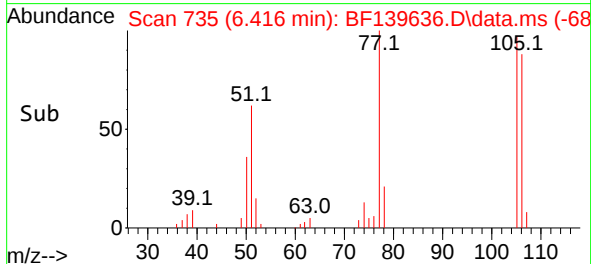
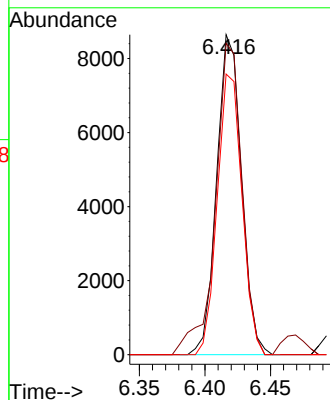
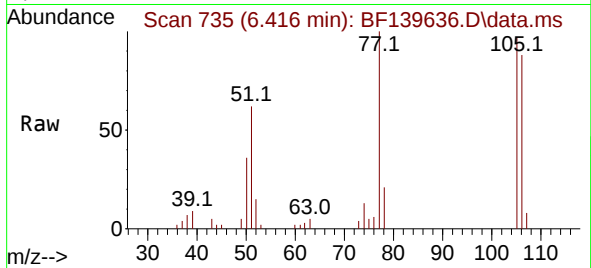
Tgt Ion: 77 Resp: 11325

Ion Ratio Lower Upper

77 100

105 97.2 72.7 112.7

106 87.7 70.1 110.1



#10

Phenol

Concen: 43.359 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF139636.D

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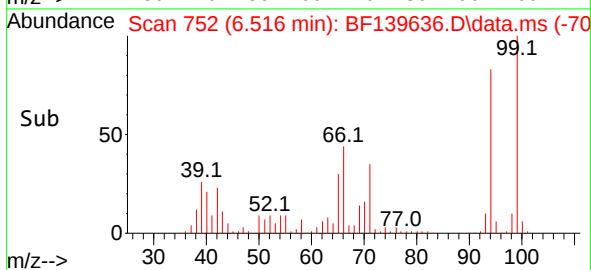
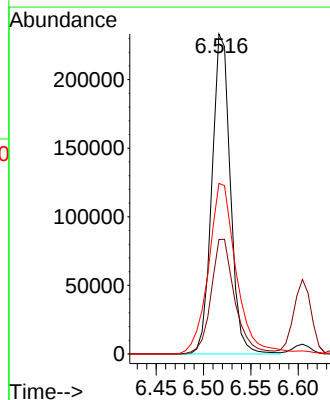
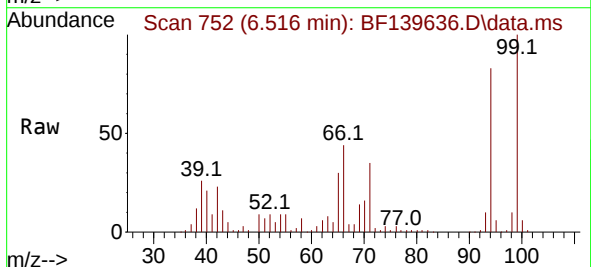
Tgt Ion: 94 Resp: 316149

Ion Ratio Lower Upper

94 100

65 35.8 15.3 55.3

66 53.3 30.5 70.5

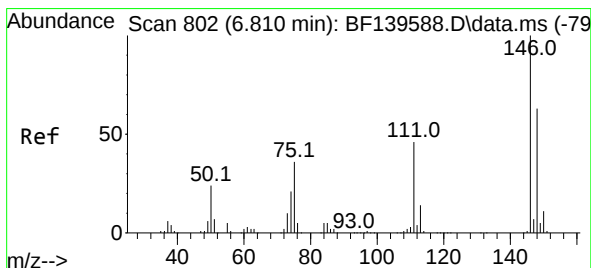
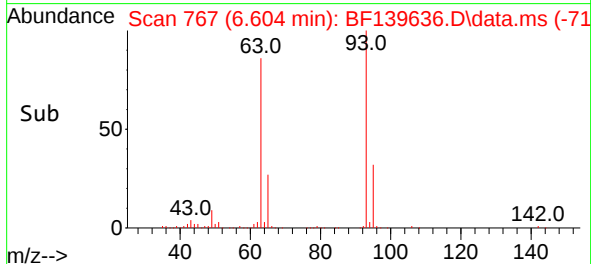
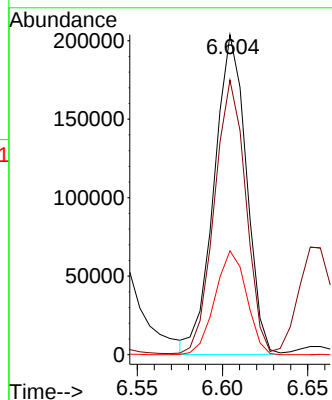
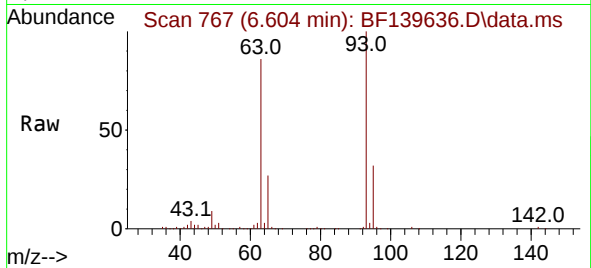




#11
bis(2-Chloroethyl)ether
Concen: 45.057 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

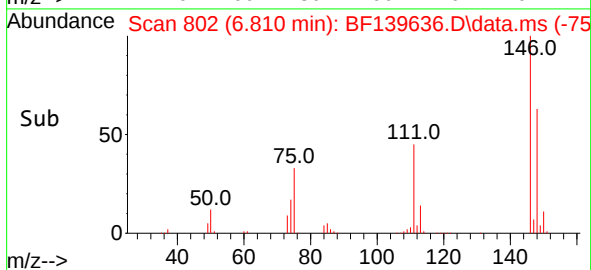
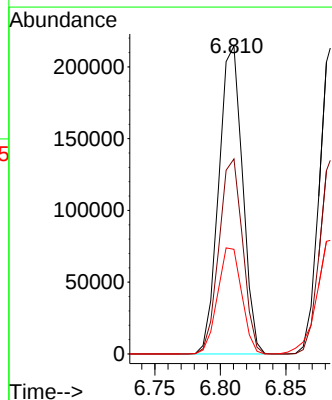
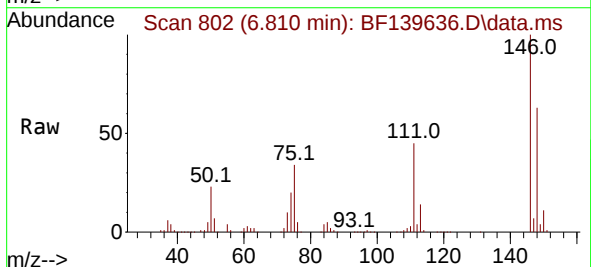
Instrument :
BNA_F
ClientSampleId :
TP-TMS

Tgt Ion: 93 Resp: 267491
Ion Ratio Lower Upper
93 100
63 85.8 64.1 104.1
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.498 ng
RT: 6.810 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion: 146 Resp: 270333
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.4
75 34.0 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 43.658 ng

RT: 6.887 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

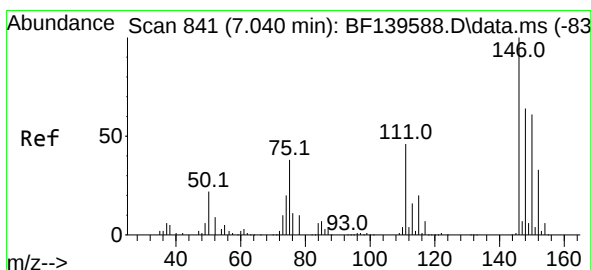
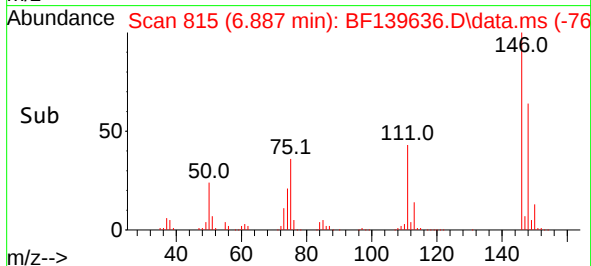
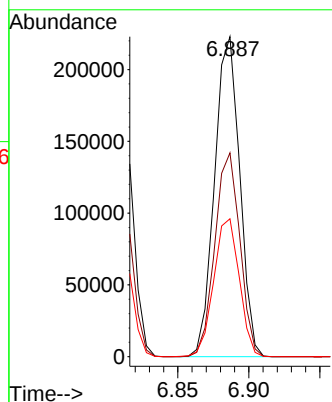
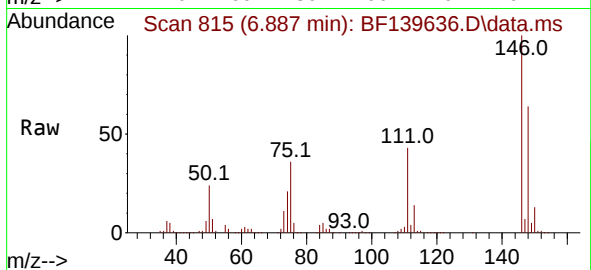
Tgt Ion:146 Resp: 274799

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 43.1 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 44.932 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

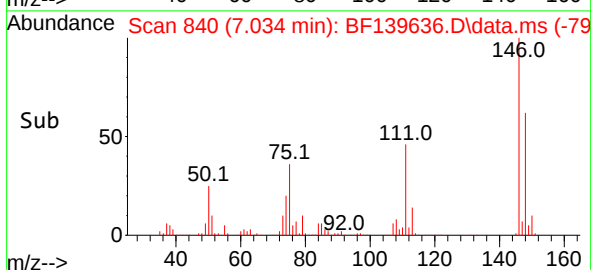
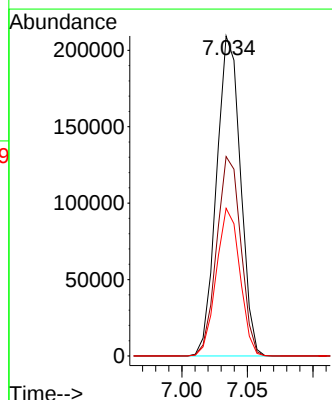
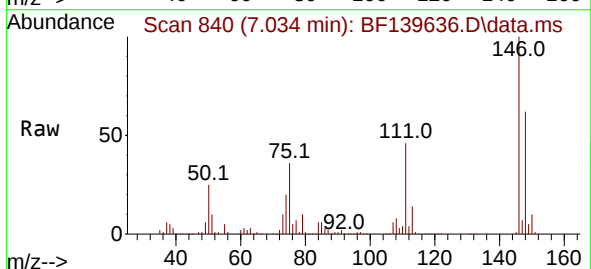
Tgt Ion:146 Resp: 265063

Ion Ratio Lower Upper

146 100

148 62.3 51.2 76.8

111 46.2 37.0 55.6

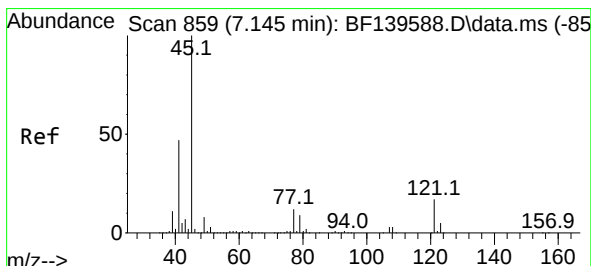
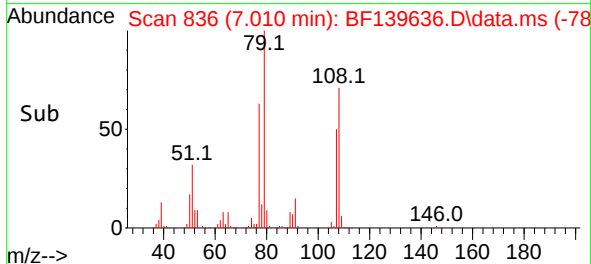
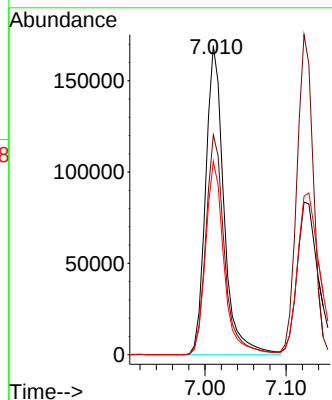
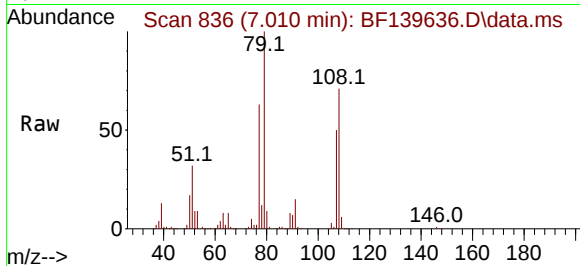




#15
Benzyl Alcohol
Concen: 49.937 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

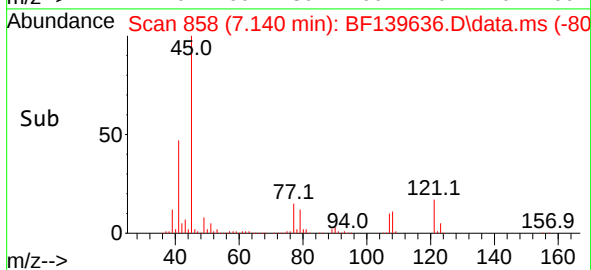
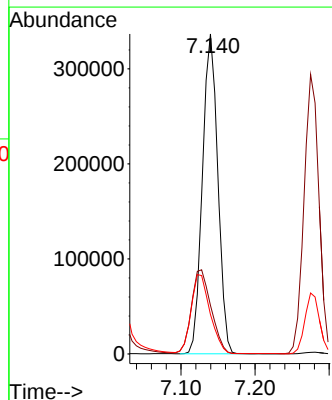
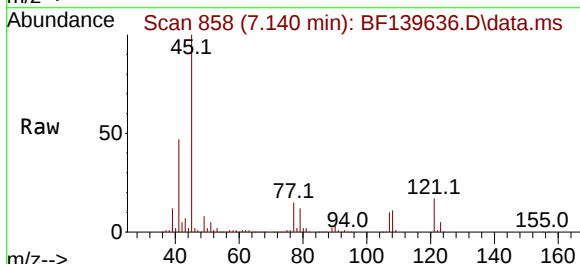
Instrument :
BNA_F
ClientSampleId :
TP-TMS

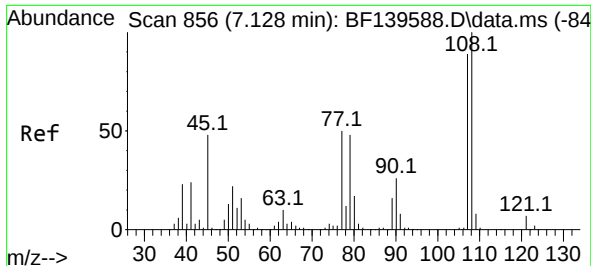
Tgt Ion: 79 Resp: 264578
Ion Ratio Lower Upper
79 100
108 71.2 55.1 82.7
77 62.6 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.239 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion: 45 Resp: 485496
Ion Ratio Lower Upper
45 100
77 15.2 0.0 32.5
79 12.4 0.0 29.7

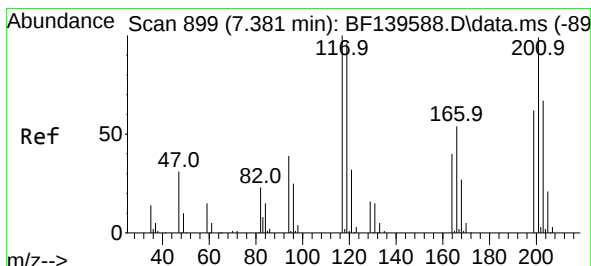
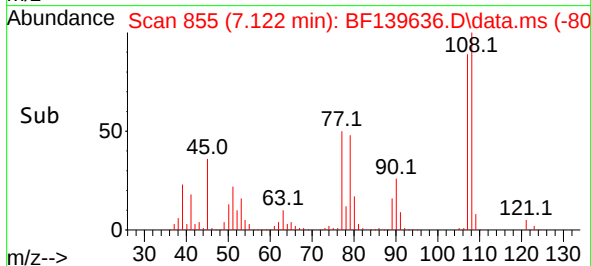
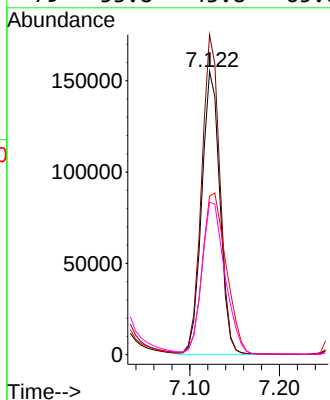
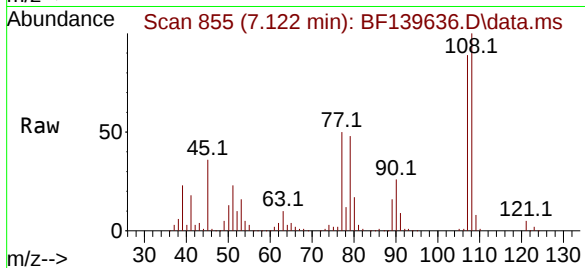




#17
2-Methylphenol
Concen: 47.262 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

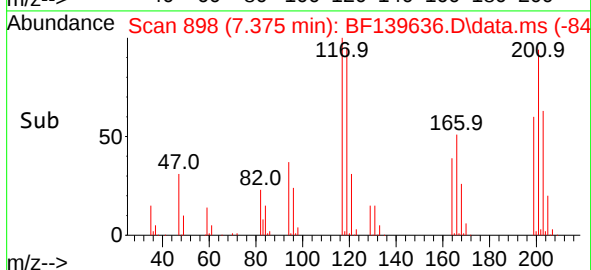
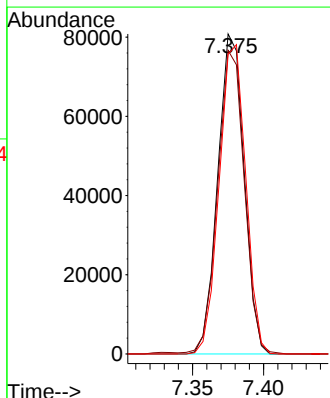
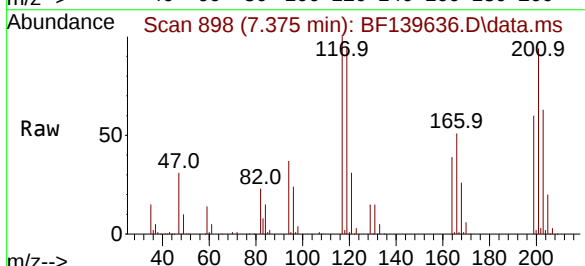
Instrument :
BNA_F
ClientSampleId :
TP-TMS

Tgt Ion:	107	Resp:	217972
Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.8	134.6
77	56.0	44.6	67.0
79	53.8	43.8	65.6



#18
Hexachloroethane
Concen: 44.400 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:	117	Resp:	104241
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.0	115.6
201	93.7	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 46.502 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

Tgt Ion: 70 Resp: 207313

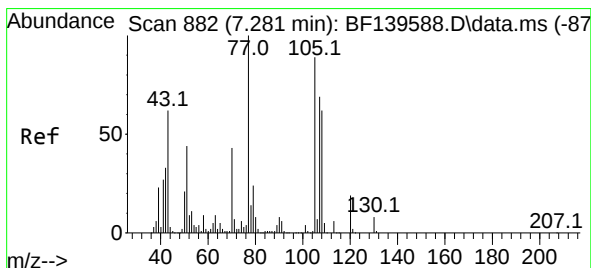
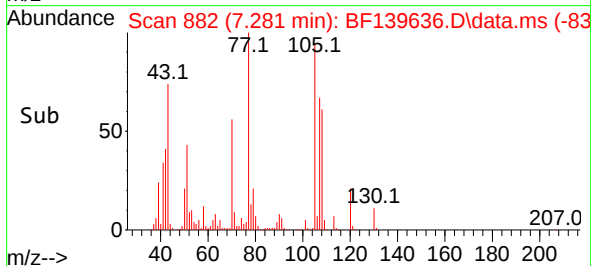
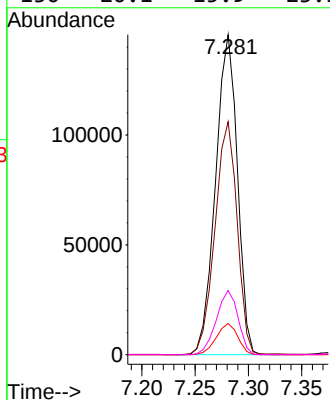
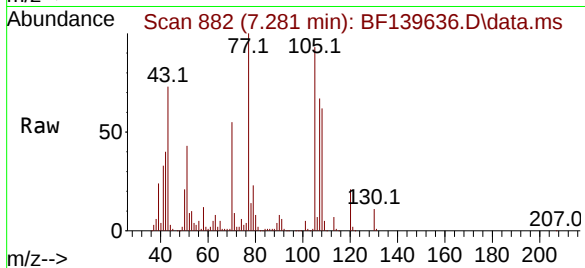
Ion Ratio Lower Upper

70 100

42 72.8 58.0 87.0

101 9.7 7.8 11.8

130 20.1 15.9 23.9



#20

3+4-Methylphenols

Concen: 46.649 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Tgt Ion:107 Resp: 270229

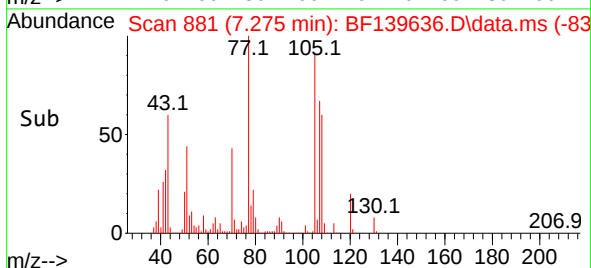
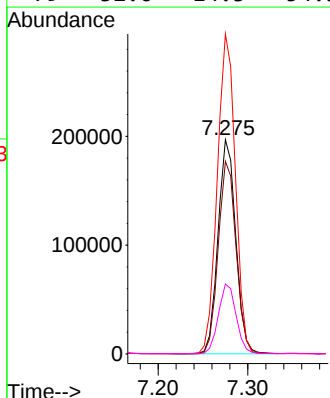
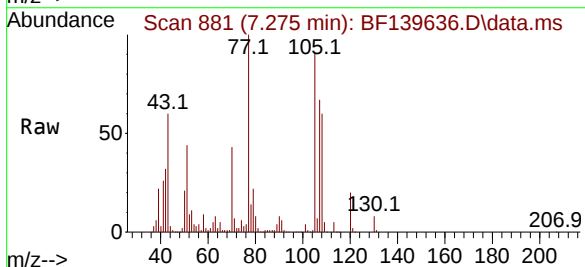
Ion Ratio Lower Upper

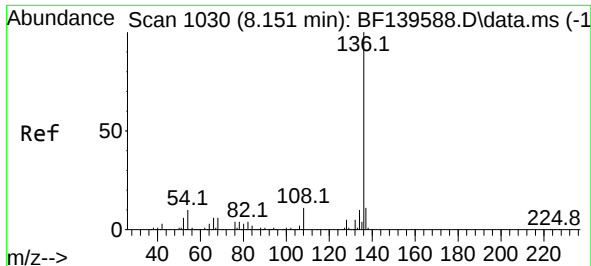
107 100

108 90.0 70.2 110.2

77 149.4 125.3 165.3

79 32.6 14.3 54.3



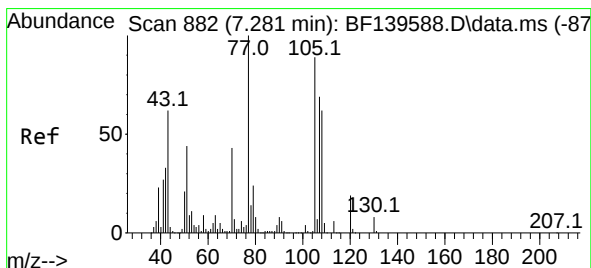
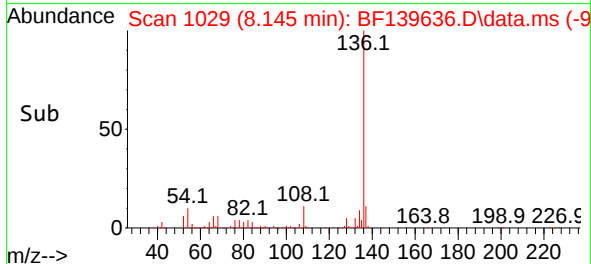
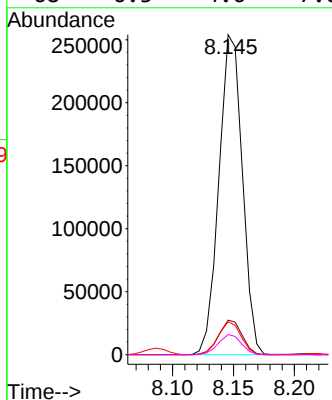
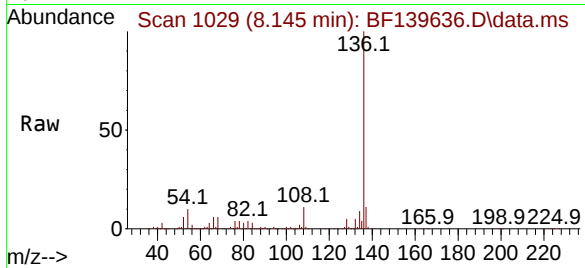


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Instrument :
BNA_F
ClientSampleId :
TP-TMS

Tgt Ion:136 Resp: 340334

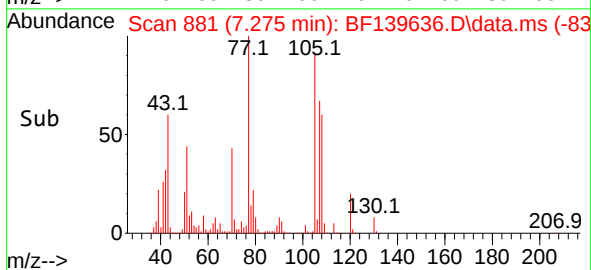
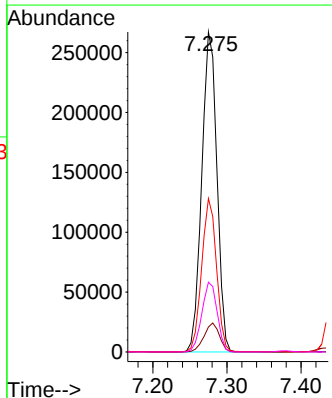
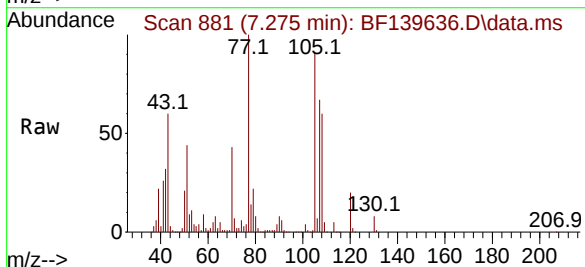
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.3	8.3	12.5
68	6.3	4.6	7.0



#22
Acetophenone
Concen: 46.983 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:105 Resp: 379548

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.6	10.0
51	48.0	39.4	59.0
120	21.8	17.4	26.2





#23

Nitrobenzene-d5

Concen: 93.782 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

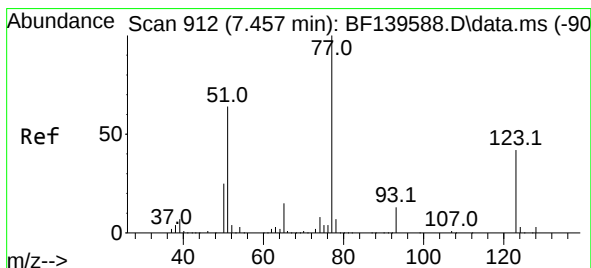
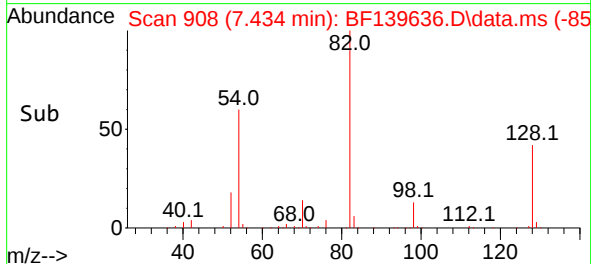
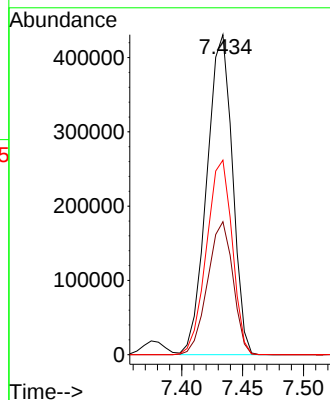
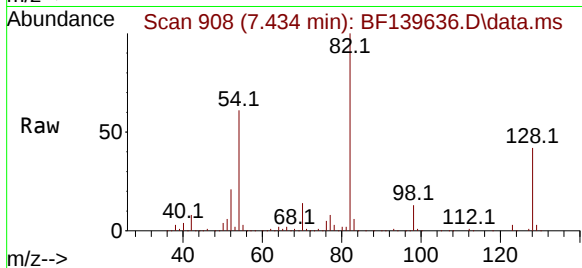
Tgt Ion: 82 Resp: 630400

Ion Ratio Lower Upper

82 100

128 41.5 32.4 48.6

54 60.8 49.1 73.7



#24

Nitrobenzene

Concen: 45.418 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

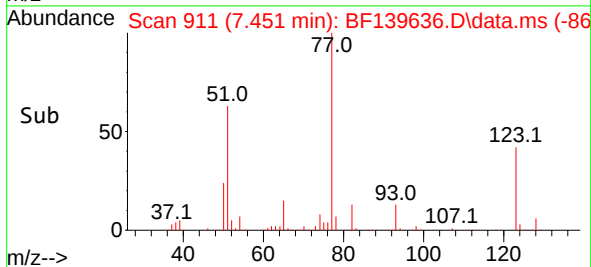
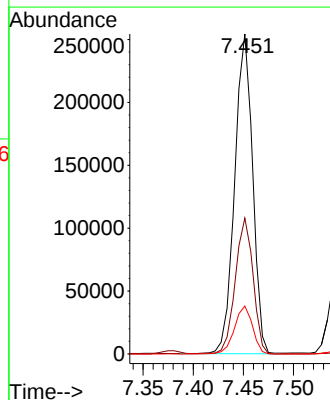
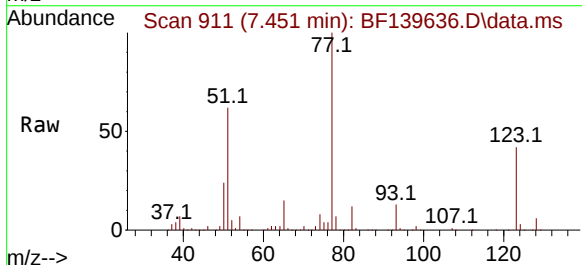
Tgt Ion: 77 Resp: 316136

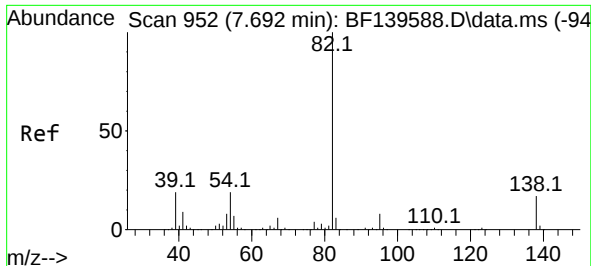
Ion Ratio Lower Upper

77 100

123 42.4 34.2 51.4

65 15.0 12.1 18.1

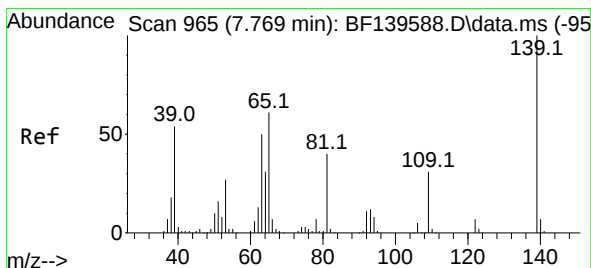
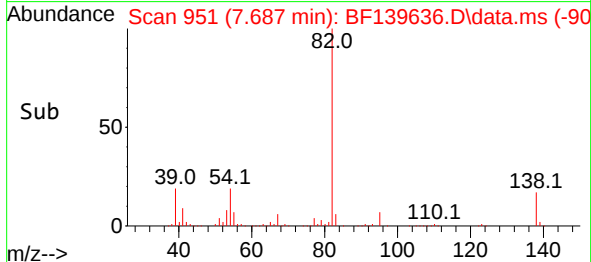
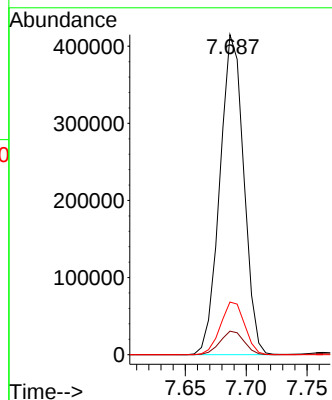
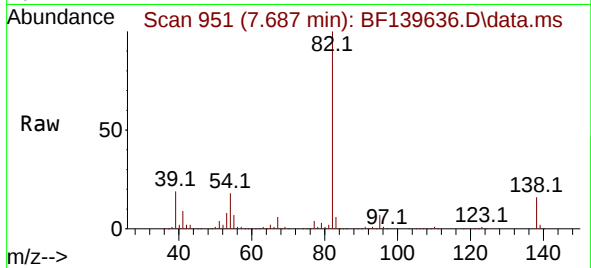




#25
Isophorone
Concen: 47.495 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

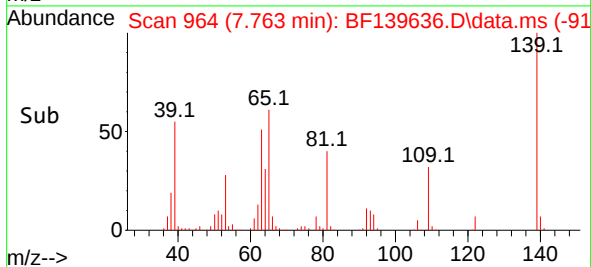
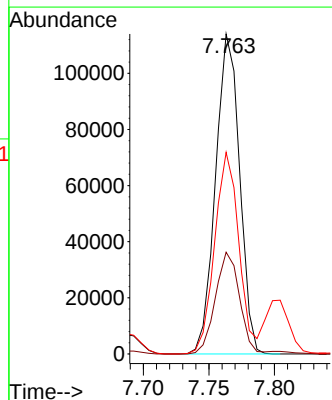
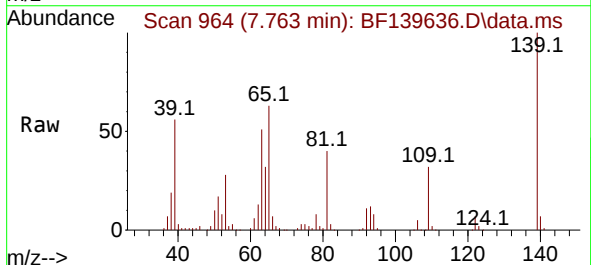
Instrument :
BNA_F
ClientSampleId :
TP-TMS

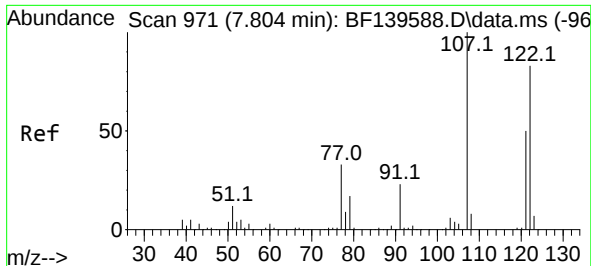
Tgt Ion: 82 Resp: 567036
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.4 13.4 20.2



#26
2-Nitrophenol
Concen: 48.542 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:139 Resp: 145253
Ion Ratio Lower Upper
139 100
109 31.8 24.9 37.3
65 63.0 48.6 72.8

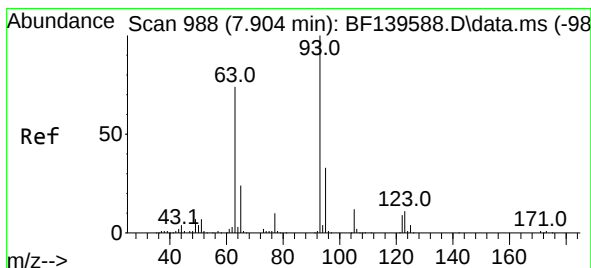
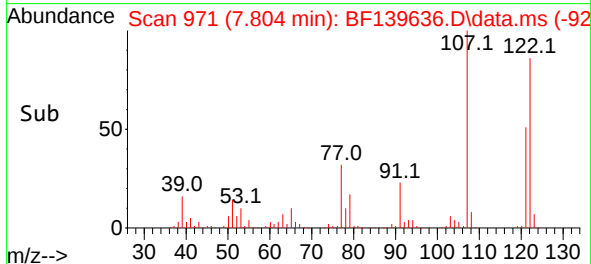
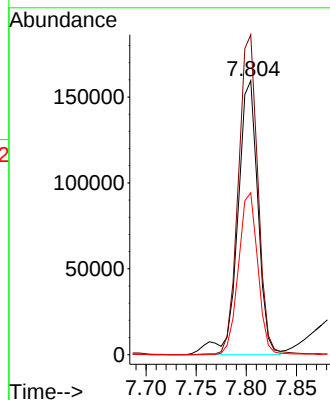
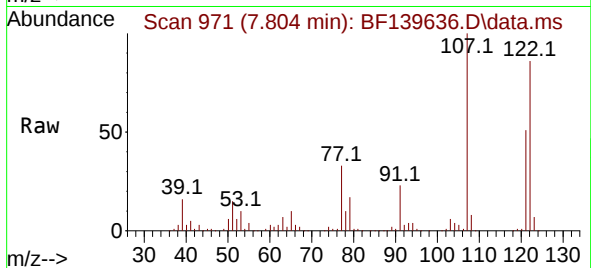




#27
2,4-Dimethylphenol
Concen: 61.128 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

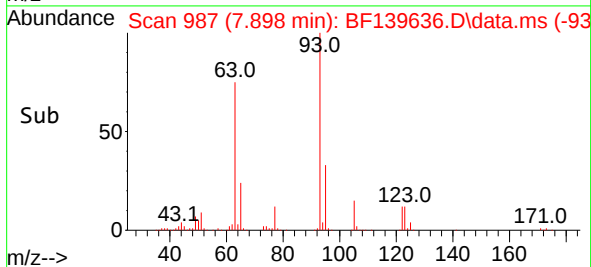
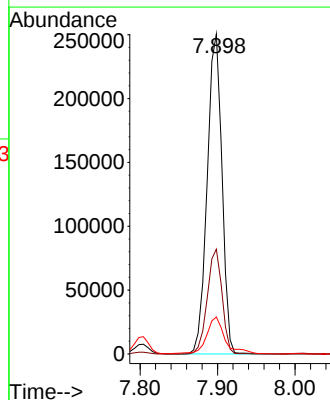
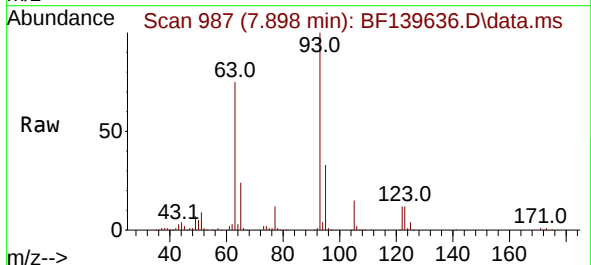
Instrument :
BNA_F
ClientSampleId :
TP-TMS

Tgt Ion:122 Resp: 223924
Ion Ratio Lower Upper
122 100
107 116.8 95.4 143.0
121 59.1 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 46.442 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion: 93 Resp: 331094
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.328 ng

RT: 8.010 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

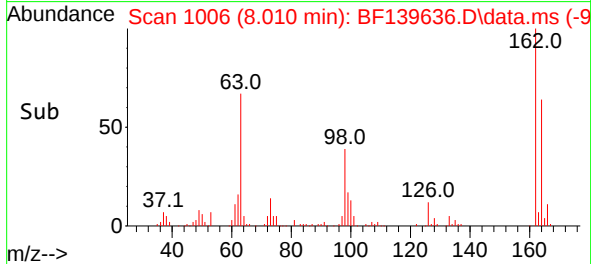
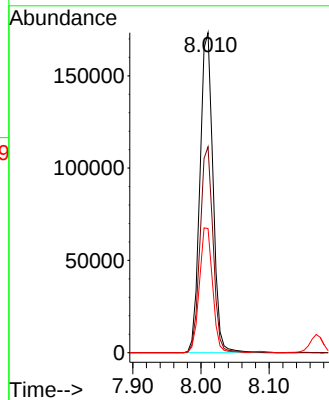
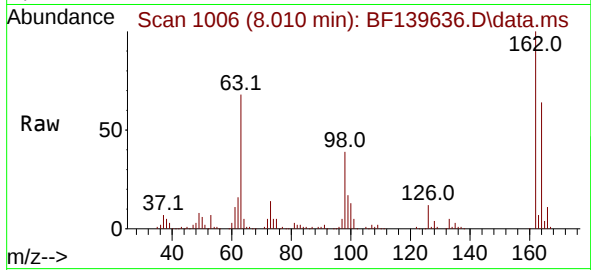
Tgt Ion:162 Resp: 230915

Ion Ratio Lower Upper

162 100

164 64.3 43.1 83.1

98 38.8 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 43.299 ng

RT: 8.087 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

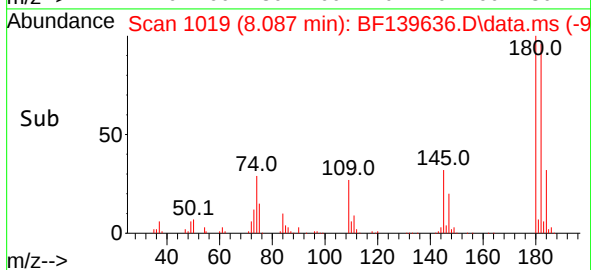
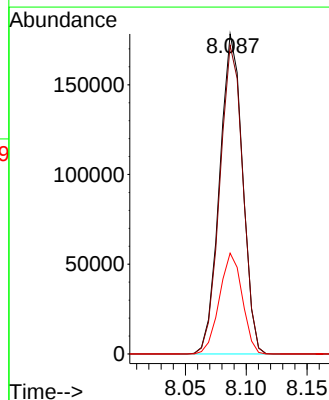
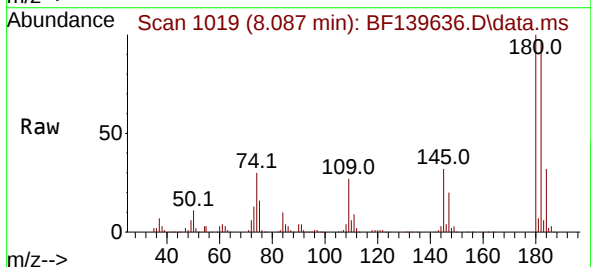
Tgt Ion:180 Resp: 233968

Ion Ratio Lower Upper

180 100

182 96.4 76.0 114.0

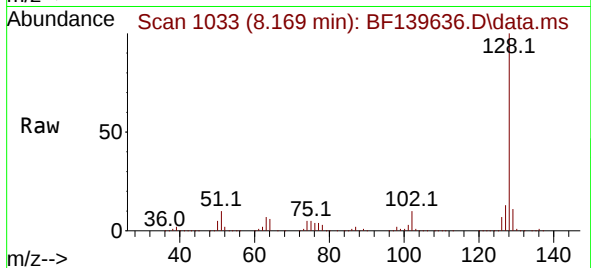
145 31.5 25.0 37.6



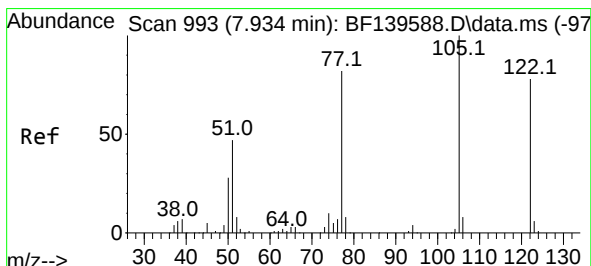
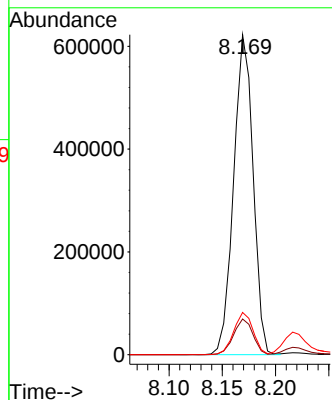
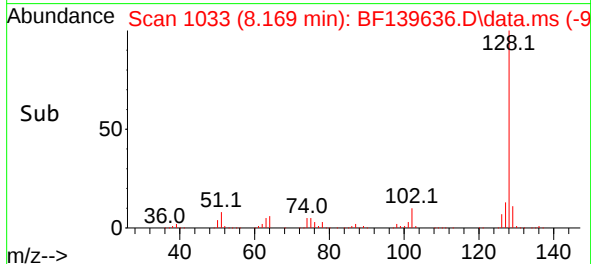


#31
Naphthalene
Concen: 45.561 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Instrument :
BNA_F
ClientSampleId :
TP-TMS

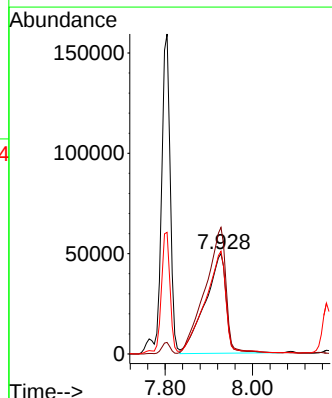
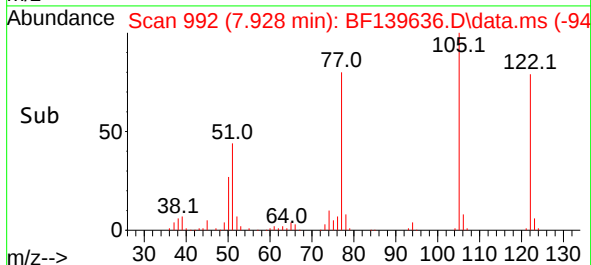
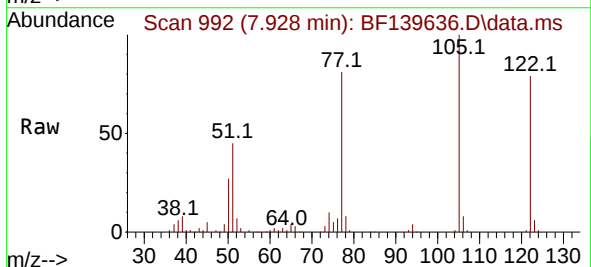


Tgt Ion:128 Resp: 792794
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 45.432 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:122 Resp: 165488
Ion Ratio Lower Upper
122 100
105 126.2 104.9 144.9
77 102.5 82.7 122.7

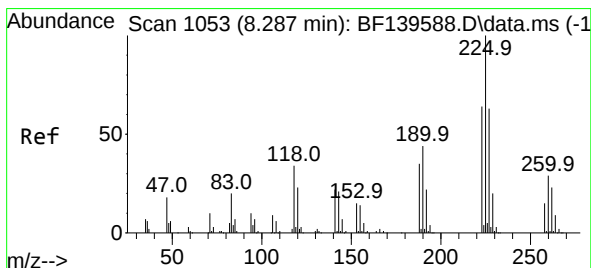
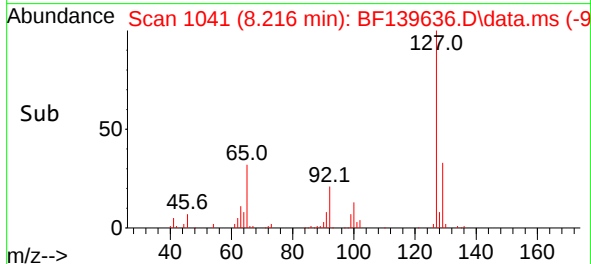
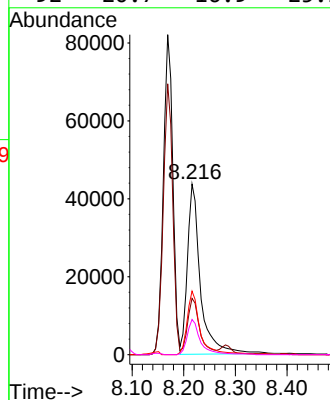
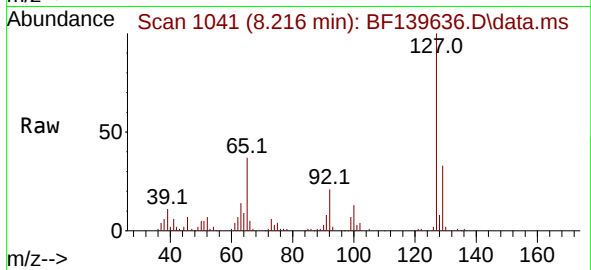




#33
4-Chloroaniline
Concen: 13.052 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

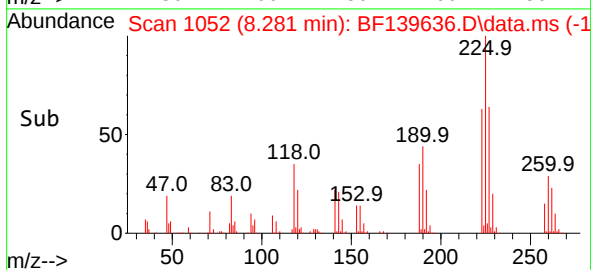
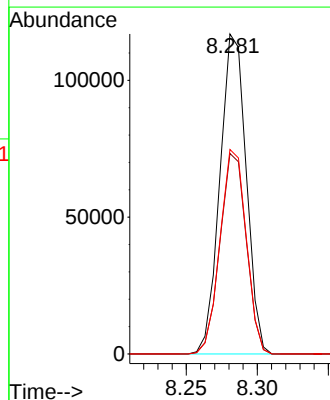
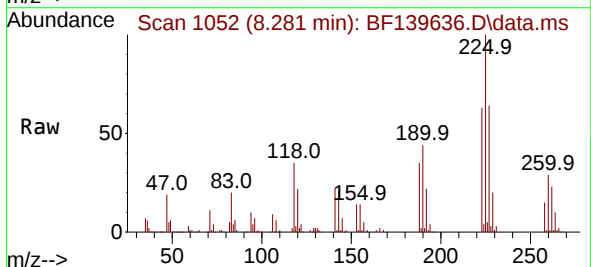
Instrument :
BNA_F
ClientSampleId :
TP-TMS

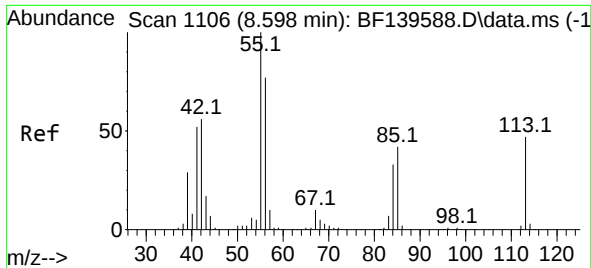
Tgt Ion:127	Resp:	76875
Ion Ratio	Lower	Upper
127	100	
129	33.0	26.2 39.4
65	37.3	29.3 43.9
92	20.7	16.9 25.3



#34
Hexachlorobutadiene
Concen: 42.981 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:225	Resp:	150298
Ion Ratio	Lower	Upper
225	100	
223	62.6	50.9 76.3
227	63.9	50.7 76.1

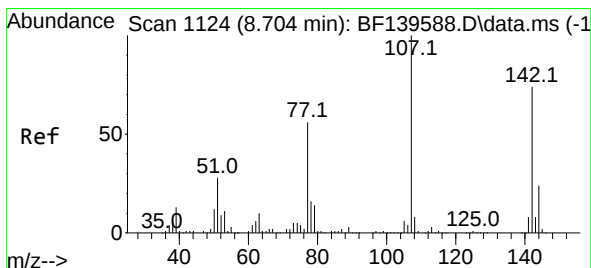
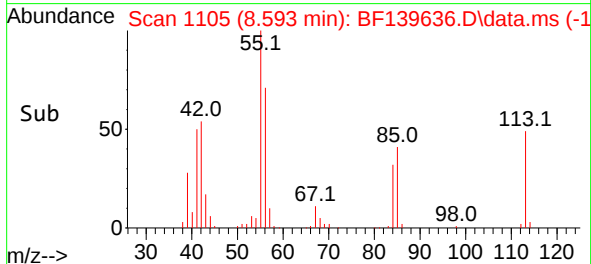
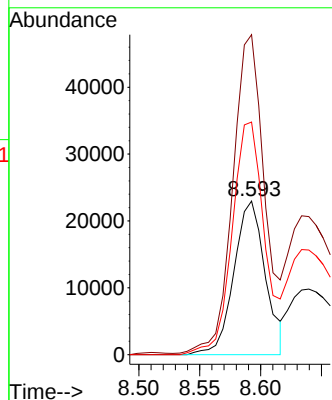
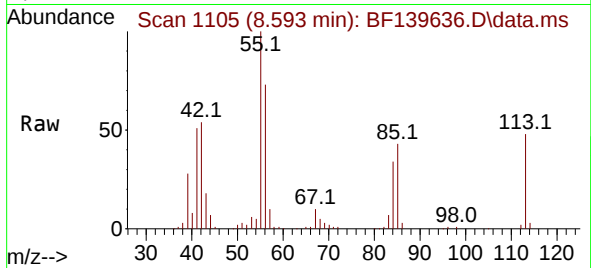




#35
 Caprolactam
 Concen: 26.259 ng
 RT: 8.593 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF139636.D
 Acq: 03 Oct 2024 17:29

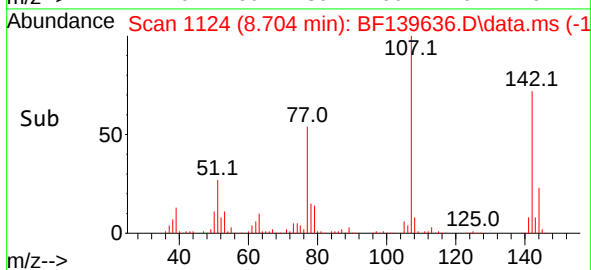
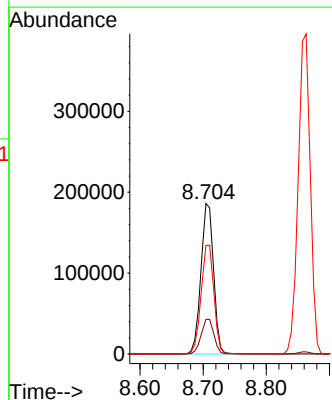
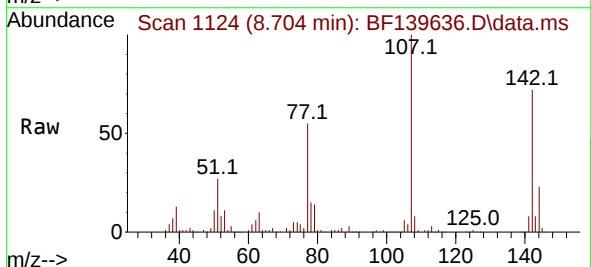
Instrument :
 BNA_F
 ClientSampleId :
 TP-TMS

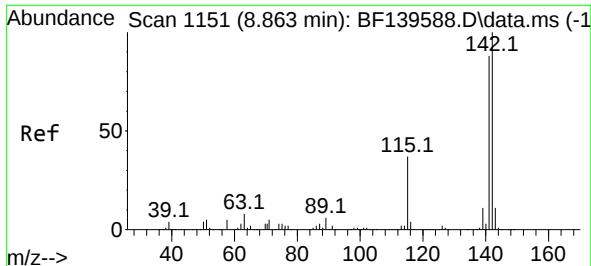
Tgt Ion:113 Resp: 41152
 Ion Ratio Lower Upper
 113 100
 55 208.4 193.4 233.4
 56 151.5 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.785 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF139636.D
 Acq: 03 Oct 2024 17:29

Tgt Ion:107 Resp: 258461
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.0 28.6
 142 72.3 59.2 88.8





#37

2-Methylnaphthalene

Concen: 46.557 ng

RT: 8.863 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

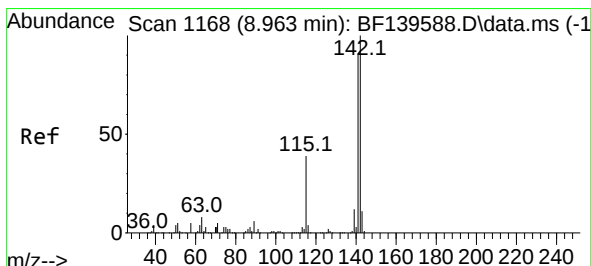
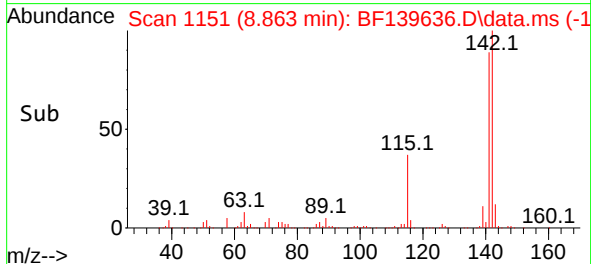
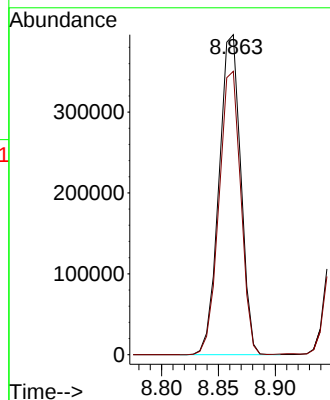
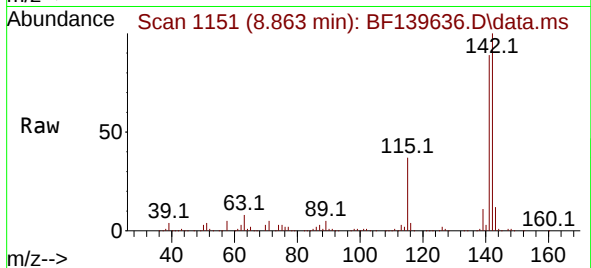
TP-TMS

Tgt Ion:142 Resp: 527633

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6



#38

1-Methylnaphthalene

Concen: 44.377 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF139636.D

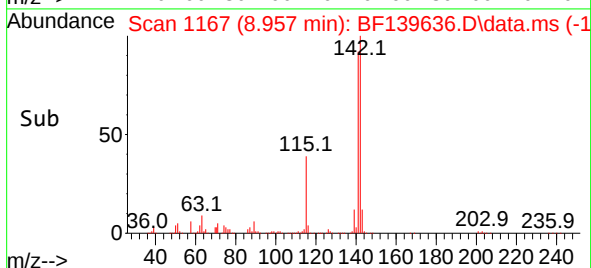
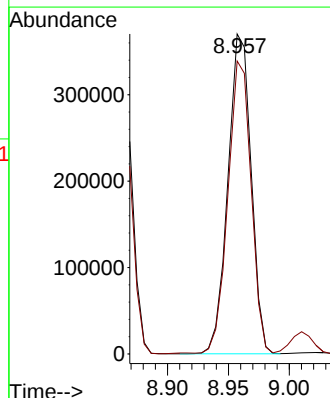
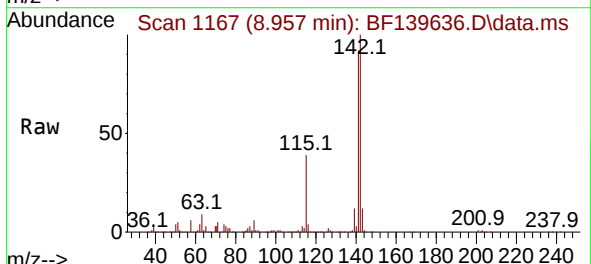
Acq: 03 Oct 2024 17:29

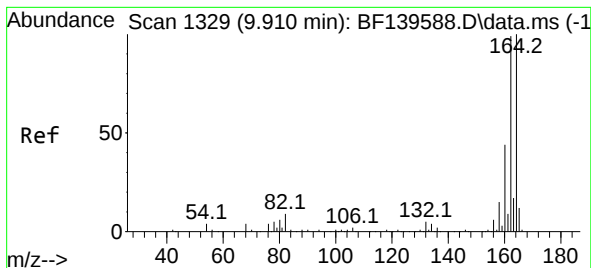
Tgt Ion:142 Resp: 491602

Ion Ratio Lower Upper

142 100

141 91.5 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

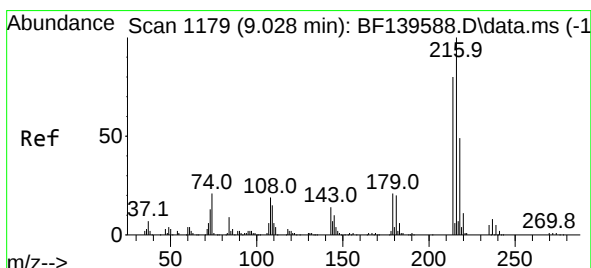
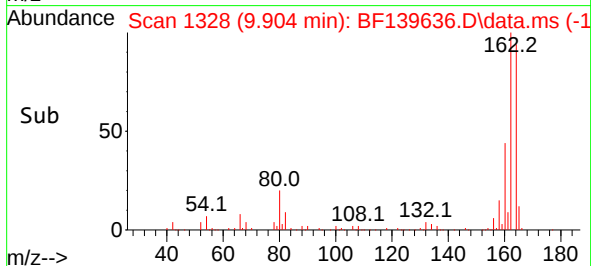
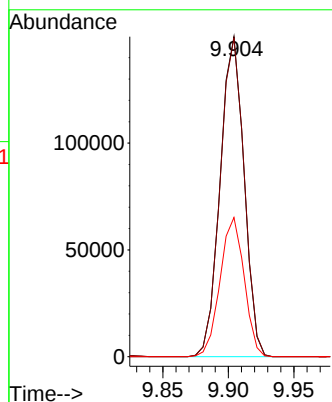
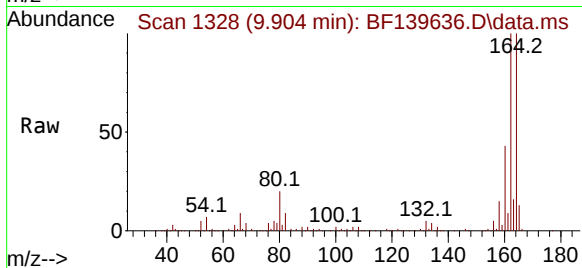
Tgt Ion:164 Resp: 189635

Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.0

160 43.5 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.630 ng

RT: 9.028 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Tgt Ion:216 Resp: 245550

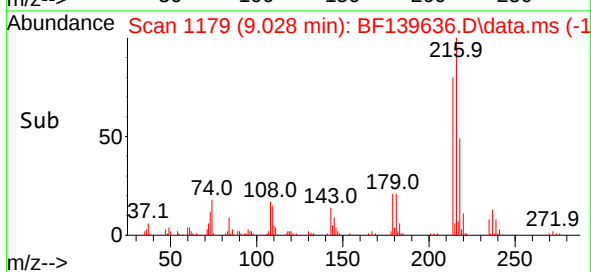
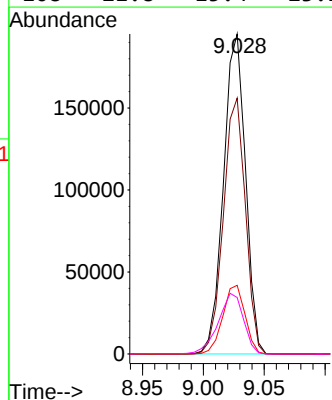
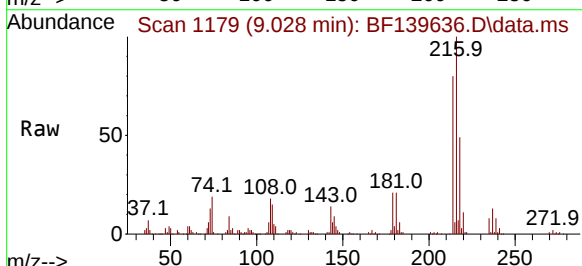
Ion Ratio Lower Upper

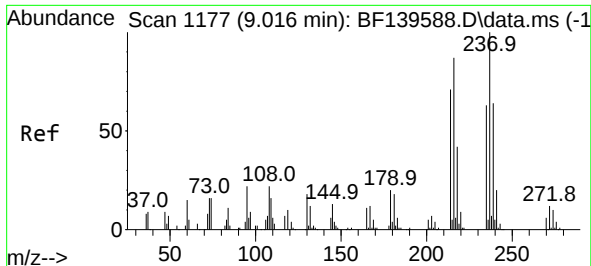
216 100

214 80.0 63.7 95.5

179 21.7 16.9 25.3

108 21.8 15.4 23.2

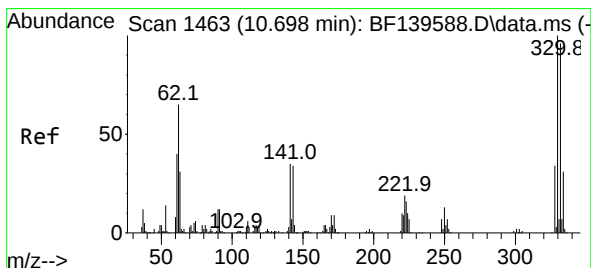
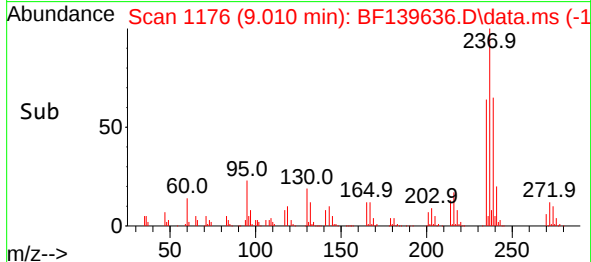
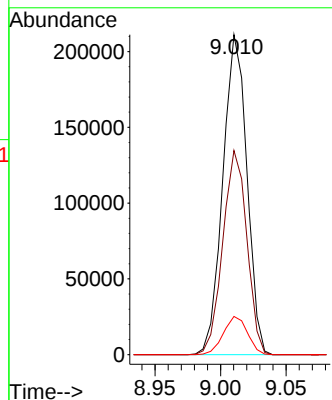
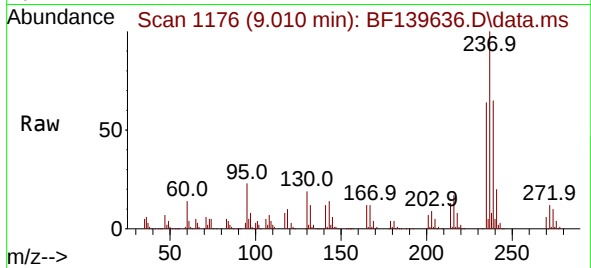




#41
Hexachlorocyclopentadiene
Concen: 166.636 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

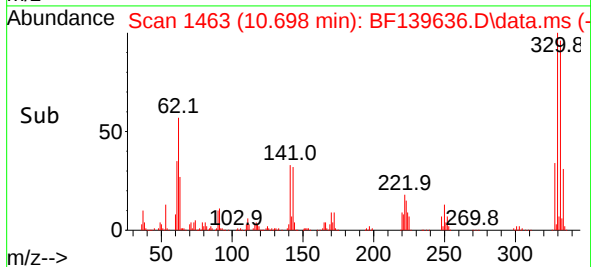
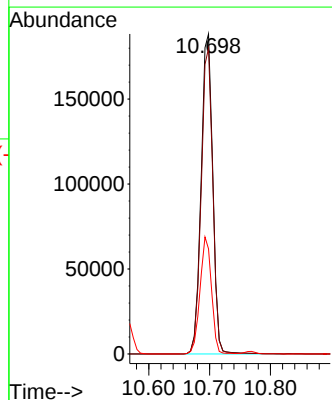
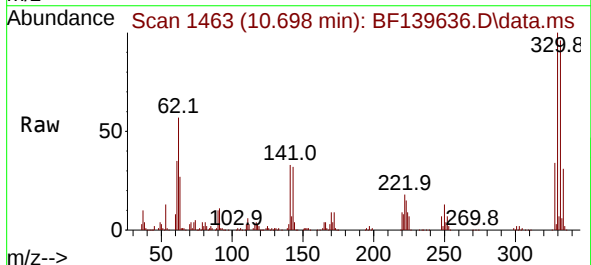
Instrument :
BNA_F
ClientSampleId :
TP-TMS

Tgt Ion:237 Resp: 269061
Ion Ratio Lower Upper
237 100
235 63.8 42.5 82.5
272 12.0 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 136.770 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:330 Resp: 250374
Ion Ratio Lower Upper
330 100
332 95.2 76.5 114.7
141 36.1 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 48.622 ng

RT: 9.140 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

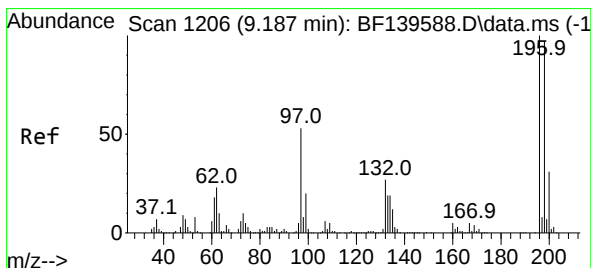
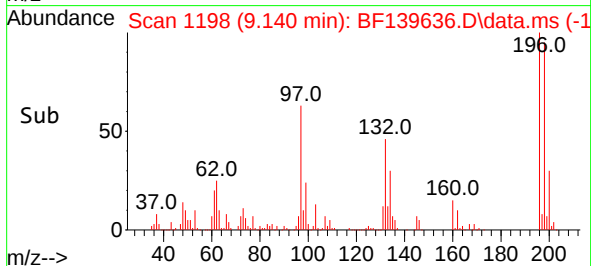
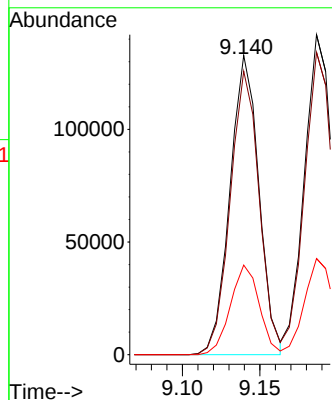
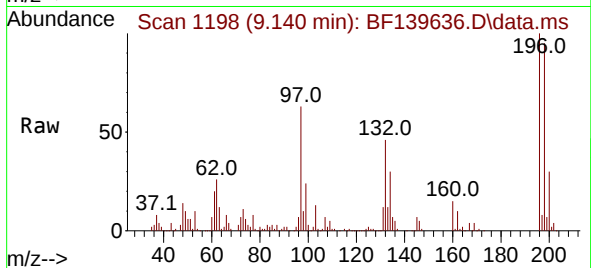
Tgt Ion:196 Resp: 172603

Ion Ratio Lower Upper

196 100

198 94.7 75.2 112.8

200 29.9 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 47.632 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Tgt Ion:196 Resp: 182348

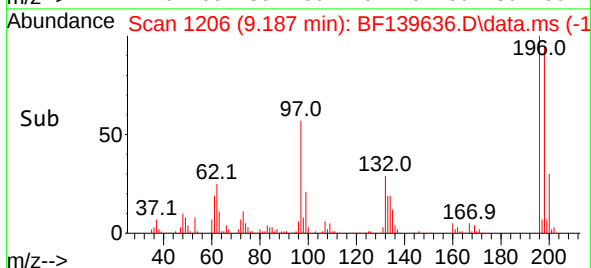
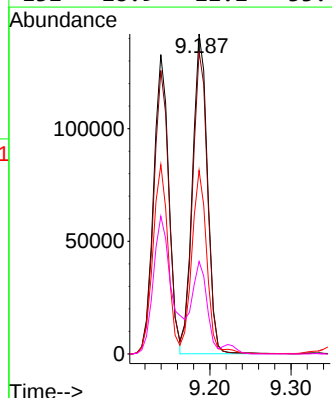
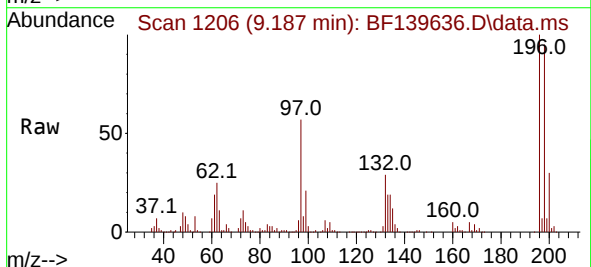
Ion Ratio Lower Upper

196 100

198 94.5 77.5 116.3

97 57.3 43.1 64.7

132 28.9 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 91.160 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

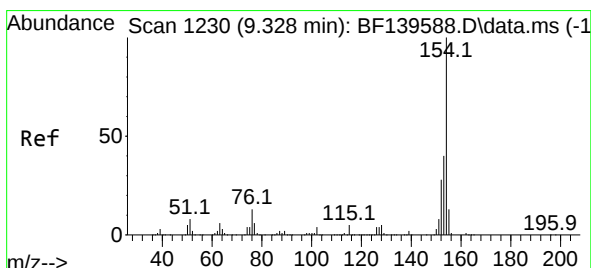
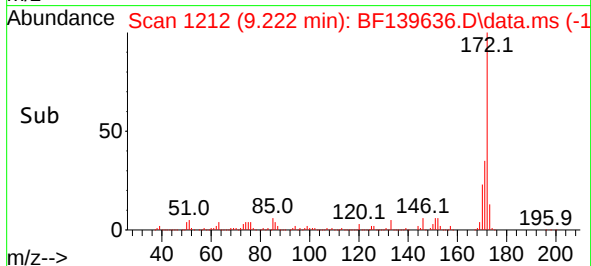
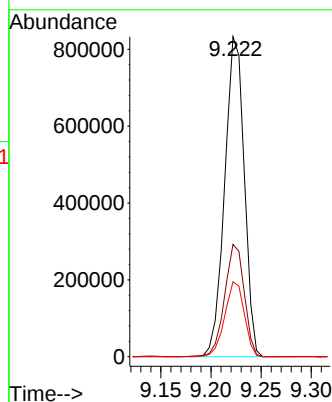
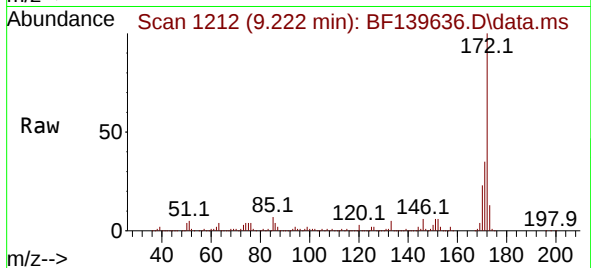
Tgt Ion:172 Resp: 1126063

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 47.193 ng

RT: 9.328 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

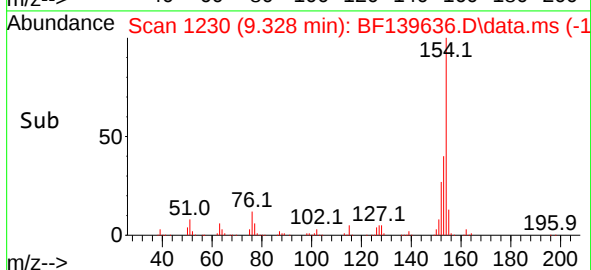
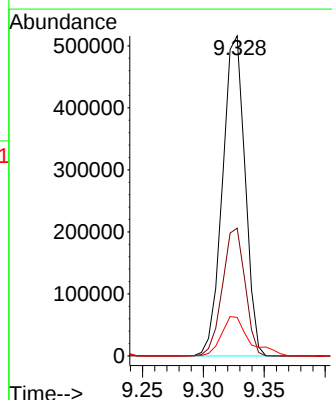
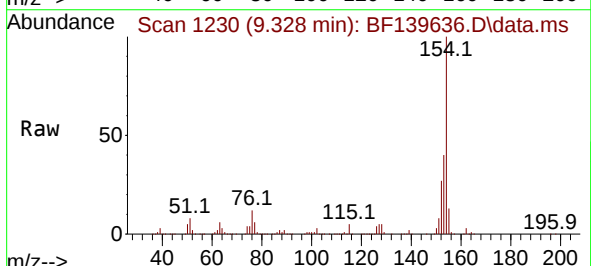
Tgt Ion:154 Resp: 665634

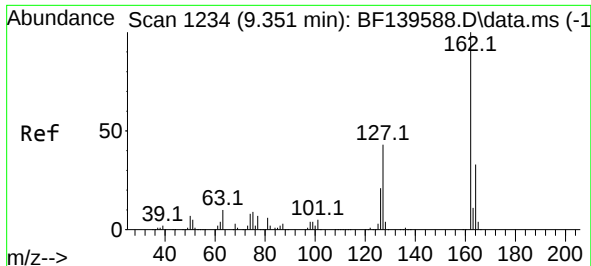
Ion Ratio Lower Upper

154 100

153 40.0 20.1 60.1

76 12.1 0.0 32.6

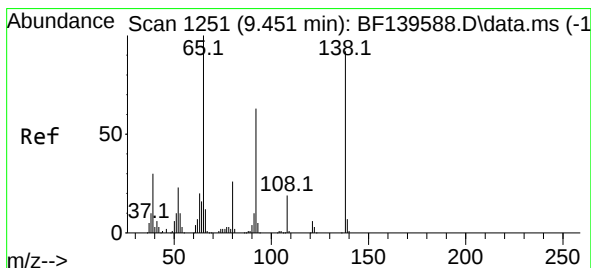
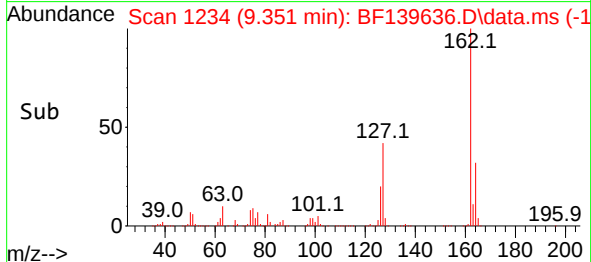
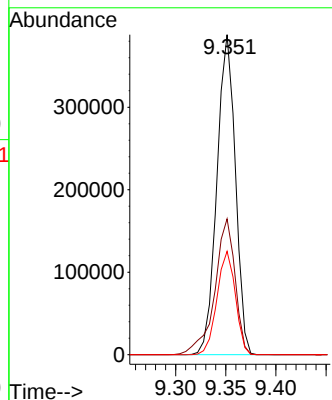
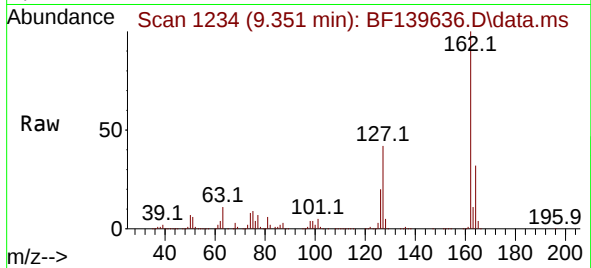




#47
2-Chloronaphthalene
Concen: 46.931 ng
RT: 9.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

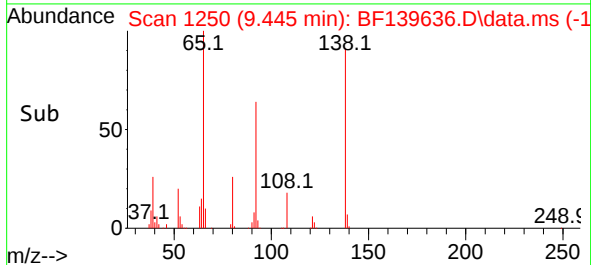
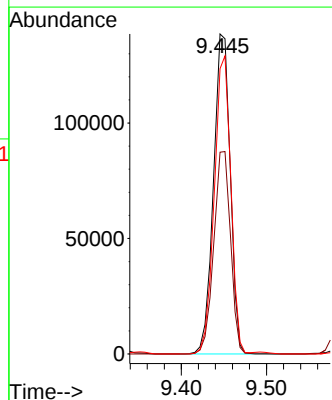
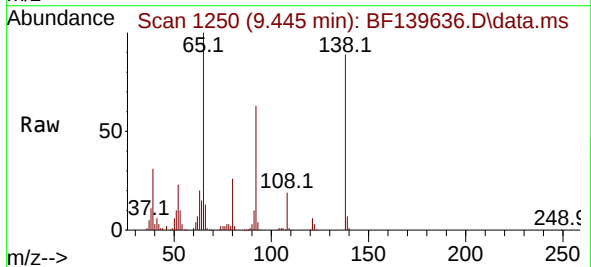
Instrument :
BNA_F
ClientSampleId :
TP-TMS

Tgt Ion:162 Resp: 496231
Ion Ratio Lower Upper
162 100
127 42.4 35.0 52.4
164 32.3 26.1 39.1



#48
2-Nitroaniline
Concen: 49.895 ng
RT: 9.445 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion: 65 Resp: 189384
Ion Ratio Lower Upper
65 100
92 63.0 50.0 75.0
138 89.2 73.8 110.8

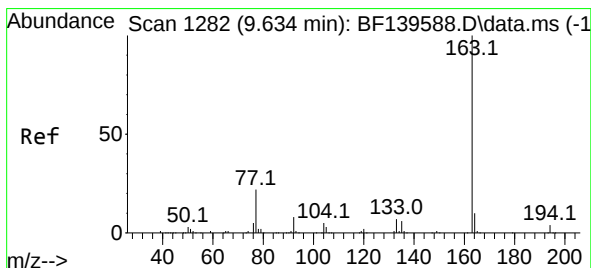
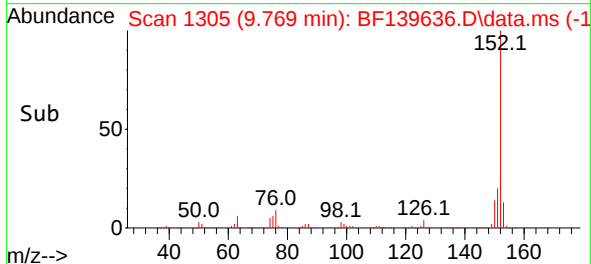
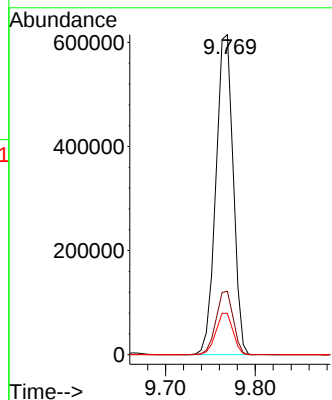
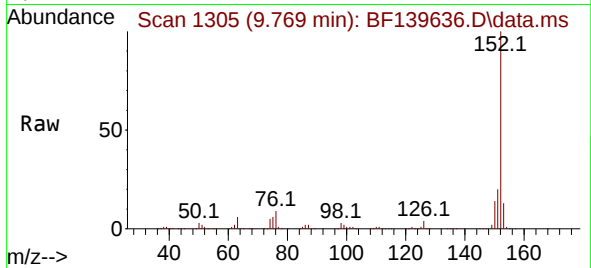




#49
Acenaphthylene
Concen: 51.136 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

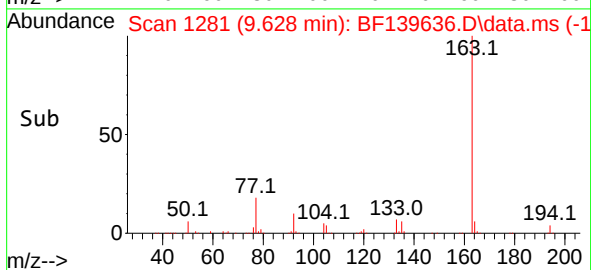
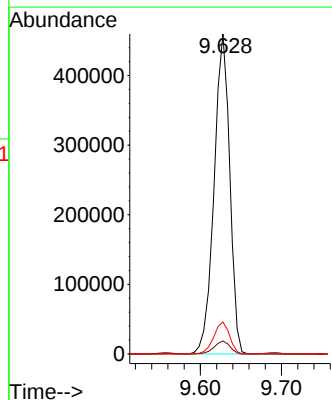
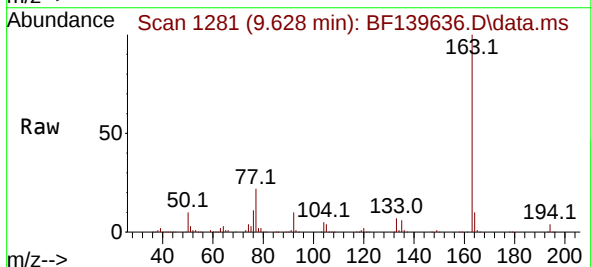
Instrument :
BNA_F
ClientSampleId :
TP-TMS

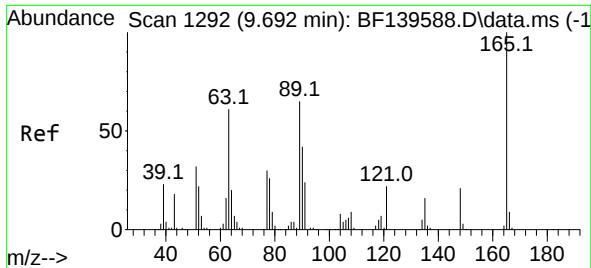
Tgt Ion:152 Resp: 822285
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 49.637 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:163 Resp: 616174
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.1 12.1

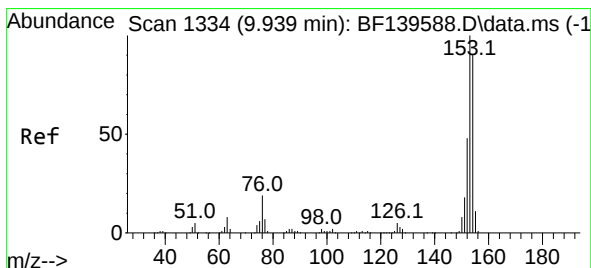
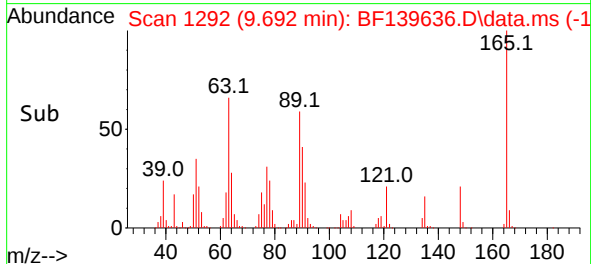
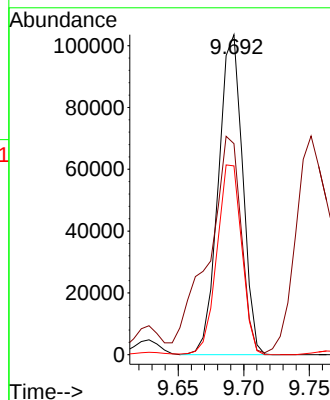
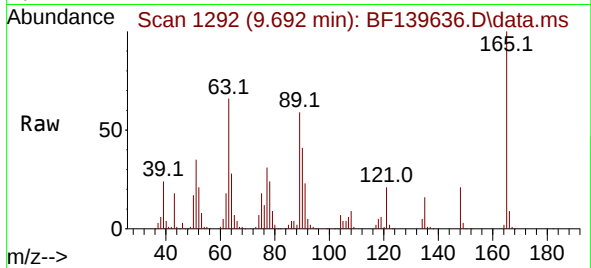




#51
2,6-Dinitrotoluene
Concen: 47.358 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

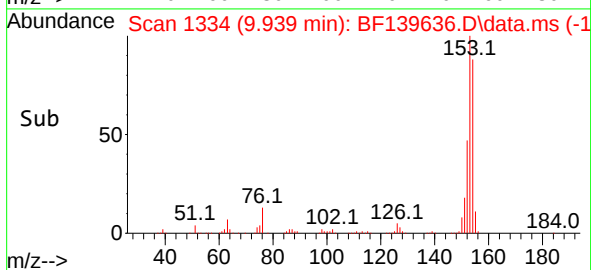
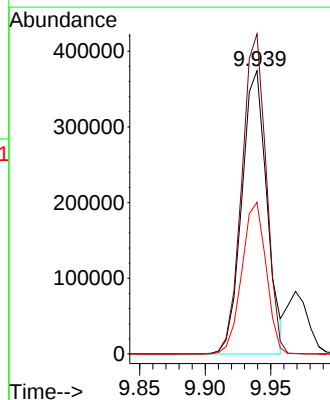
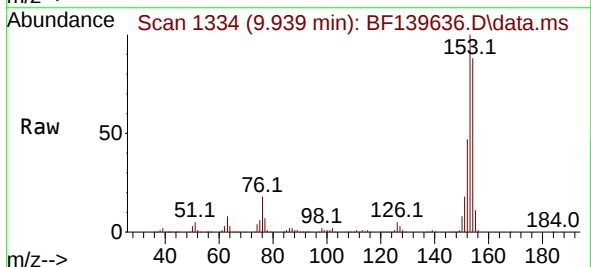
Instrument :
BNA_F
ClientSampleId :
TP-TMS

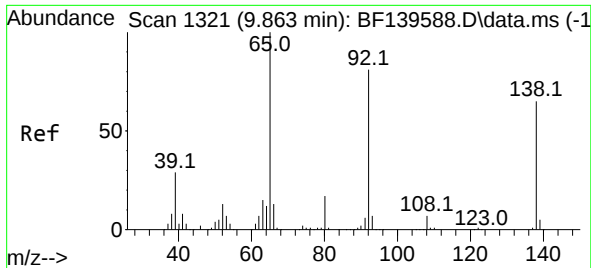
Tgt Ion:165 Resp: 132801
Ion Ratio Lower Upper
165 100
63 65.9 56.7 85.1
89 59.0 51.6 77.4



#52
Acenaphthene
Concen: 45.206 ng
RT: 9.939 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:154 Resp: 499032
Ion Ratio Lower Upper
154 100
153 113.0 88.8 133.2
152 53.6 42.5 63.7

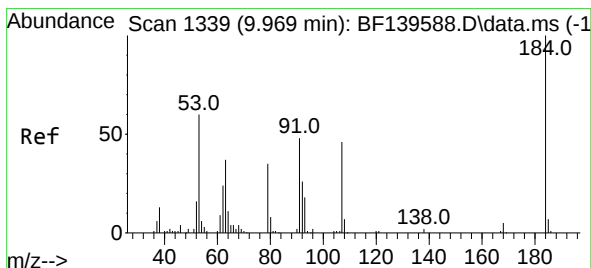
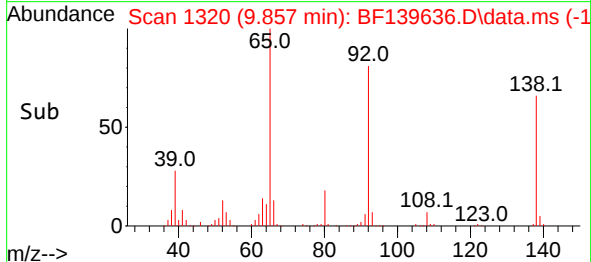
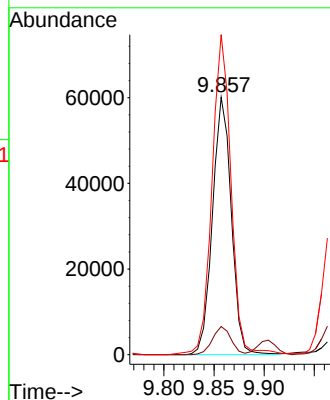
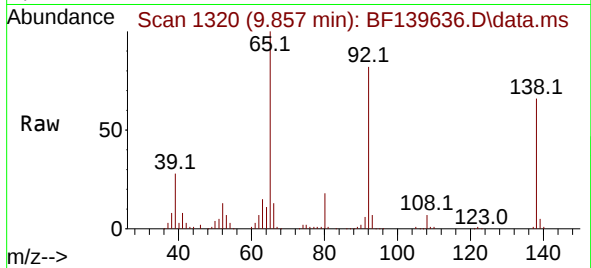




#53
3-Nitroaniline
Concen: 27.369 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

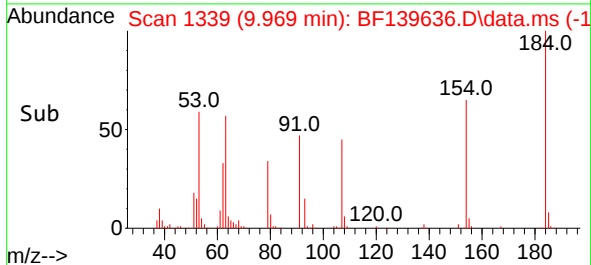
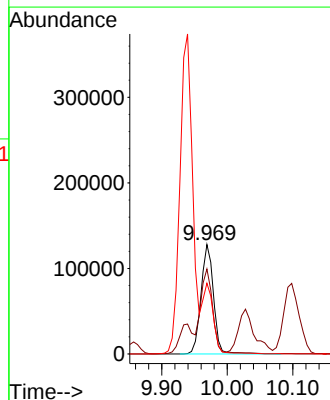
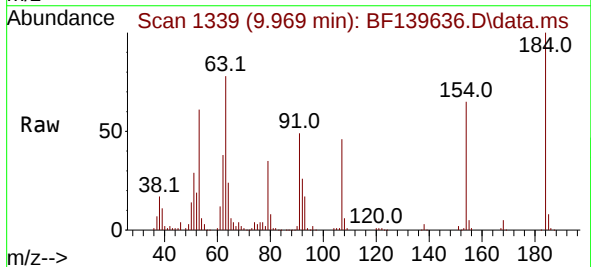
Instrument :
BNA_F
ClientSampleId :
TP-TMS

Tgt Ion:138 Resp: 78430
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 124.3 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 113.357 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:184 Resp: 170974
Ion Ratio Lower Upper
184 100
63 77.6 61.7 92.5
154 64.6 53.0 79.4

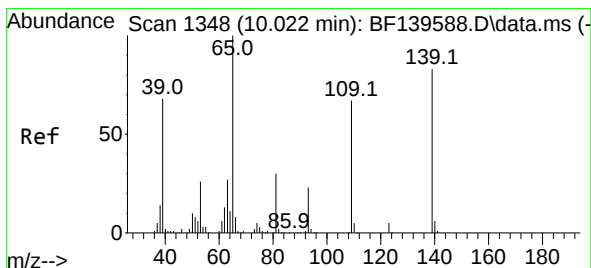
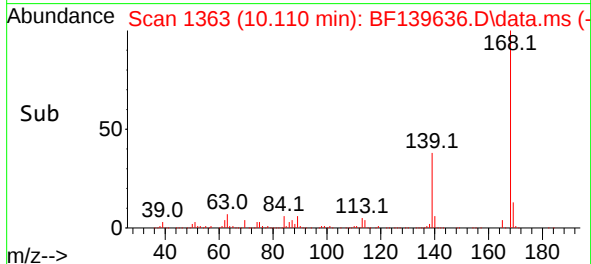
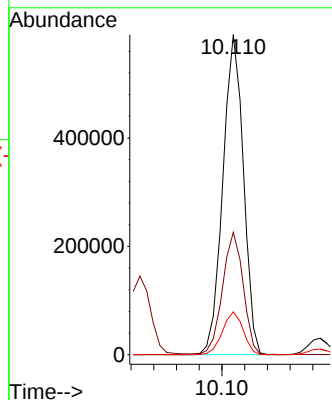
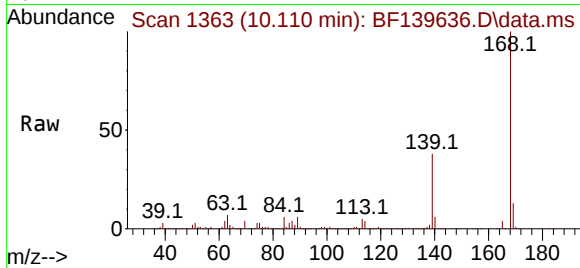




#55
Dibenzenofuran
Concen: 48.153 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

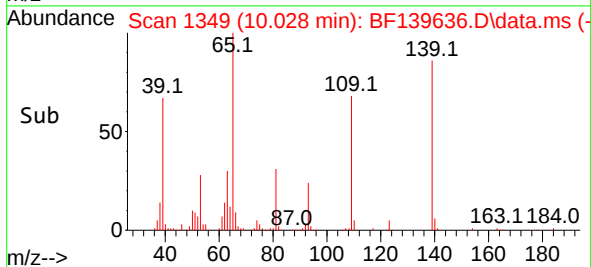
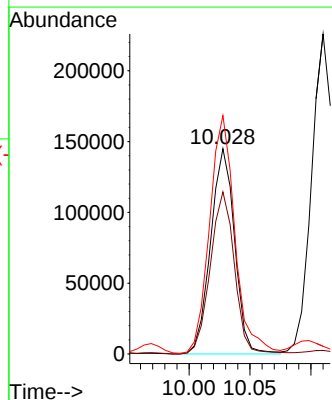
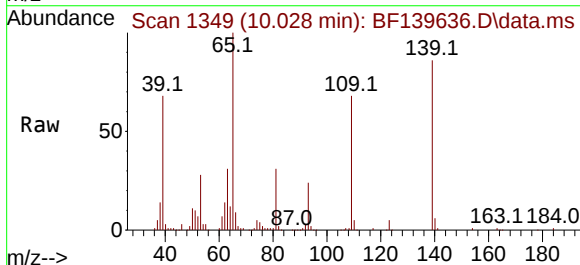
Instrument :
BNA_F
ClientSampleId :
TP-TMS

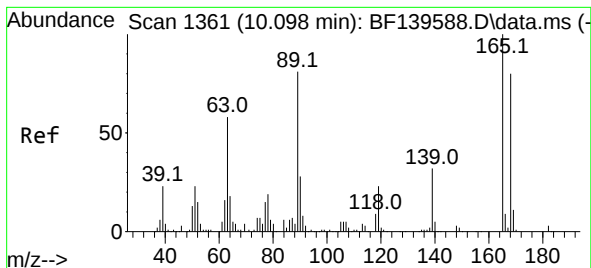
Tgt Ion:168 Resp: 744273
Ion Ratio Lower Upper
168 100
139 38.3 30.4 45.6
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 90.966 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:139 Resp: 198788
Ion Ratio Lower Upper
139 100
109 79.0 60.3 100.3
65 116.1 100.8 140.8

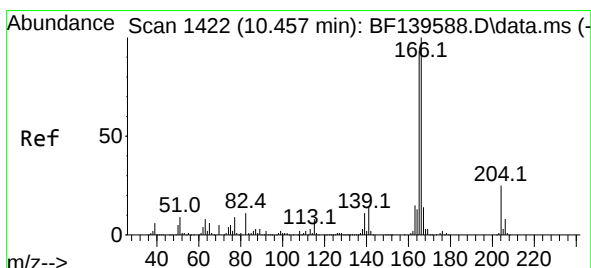
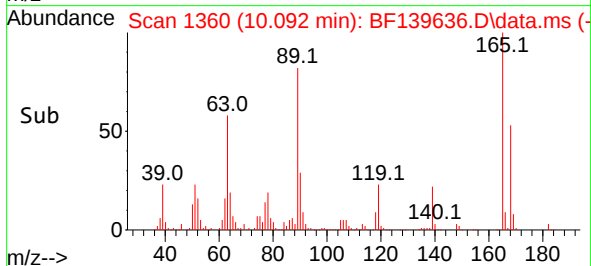
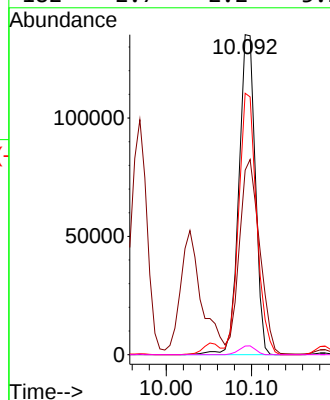
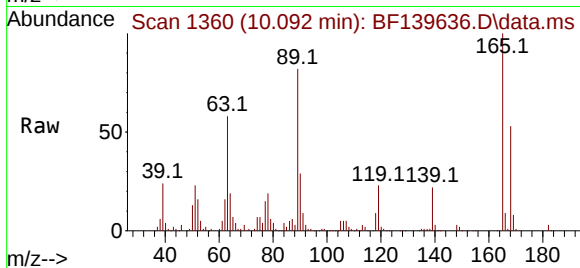




#57
2,4-Dinitrotoluene
Concen: 49.369 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

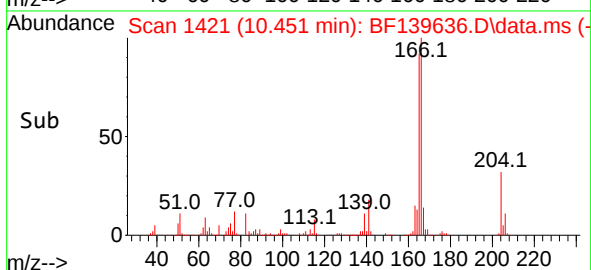
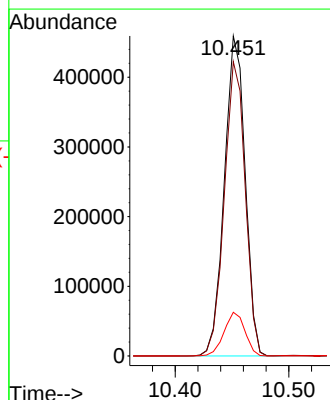
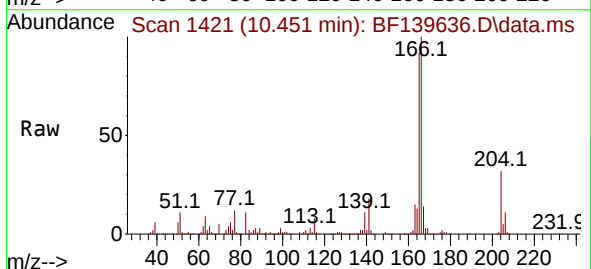
Instrument :
BNA_F
ClientSampleId :
TP-TMS

Tgt Ion:165 Resp: 180959
Ion Ratio Lower Upper
165 100
63 57.7 46.9 70.3
89 81.7 64.4 96.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 47.495 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:166 Resp: 584687
Ion Ratio Lower Upper
166 100
165 91.9 74.4 111.6
167 13.7 10.9 16.3

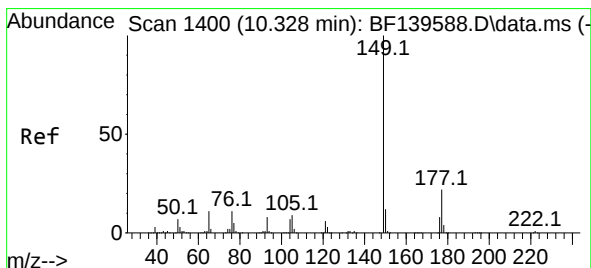
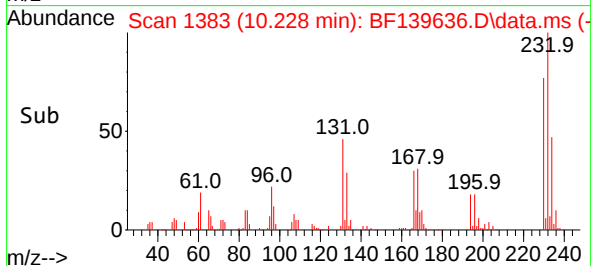
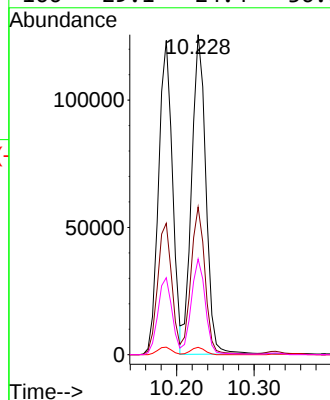
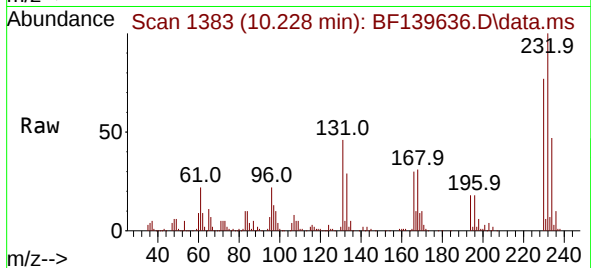




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.852 ng
RT: 10.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

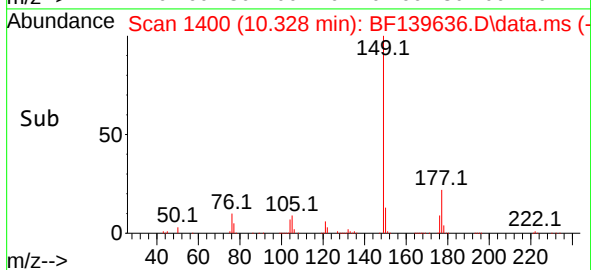
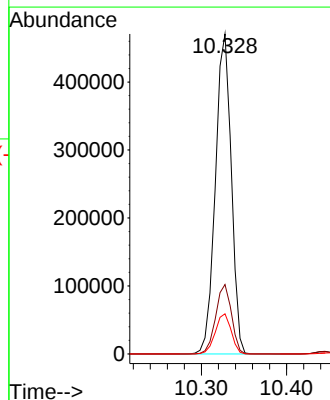
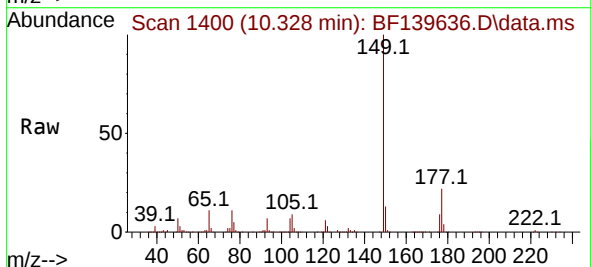
Instrument :
BNA_F
ClientSampleId :
TP-TMS

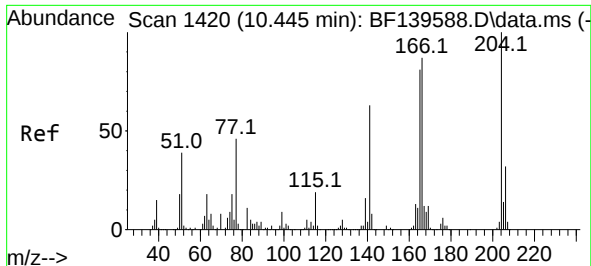
Tgt Ion:232 Resp: 160327
Ion Ratio Lower Upper
232 100
131 46.0 37.8 56.6
130 2.3 1.9 2.9
166 29.1 24.4 36.6



#60
Diethylphthalate
Concen: 47.525 ng
RT: 10.328 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:149 Resp: 609365
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 12.6 10.0 15.0

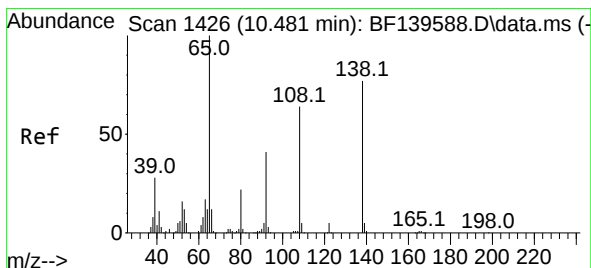
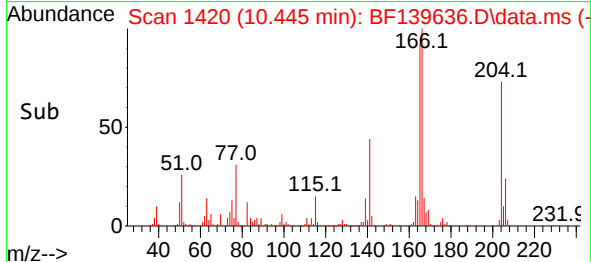
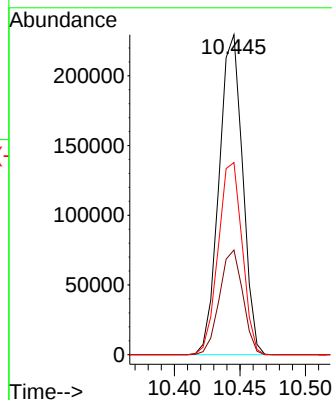
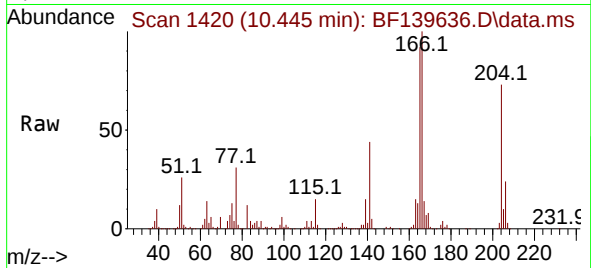




#61
4-Chlorophenyl-phenylether
Concen: 46.595 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

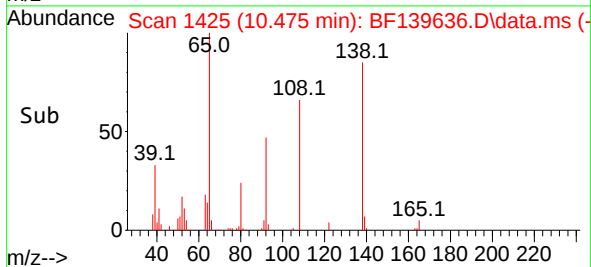
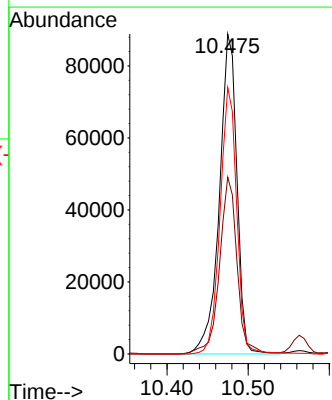
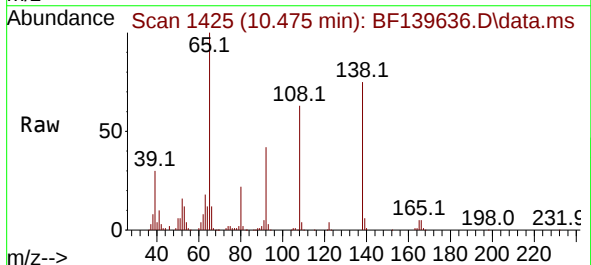
Instrument :
BNA_F
ClientSampleId :
TP-TMS

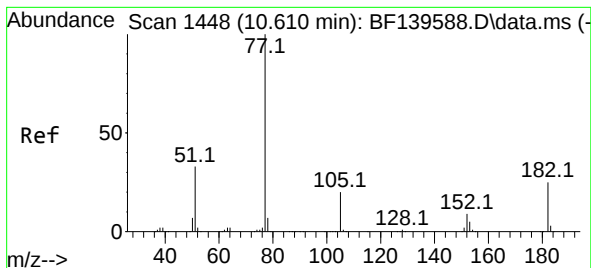
Tgt Ion:204 Resp: 286971
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 60.0 50.5 75.7



#62
4-Nitroaniline
Concen: 45.542 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:138 Resp: 133494
Ion Ratio Lower Upper
138 100
92 55.3 33.3 73.3
108 83.3 62.1 102.1





#63

Azobenzene

Concen: 47.509 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

Tgt Ion: 77 Resp: 612606

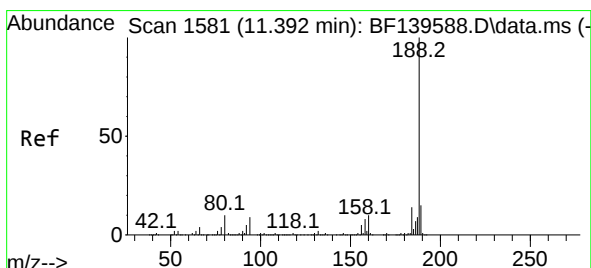
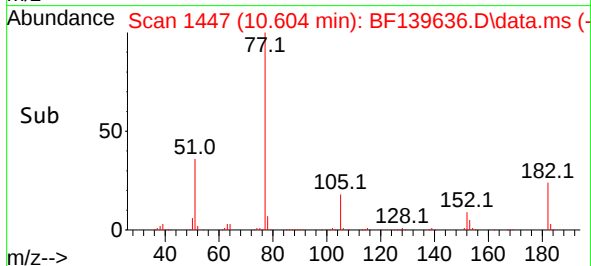
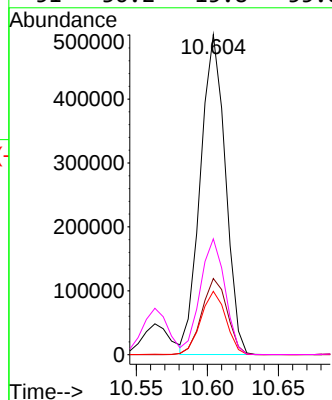
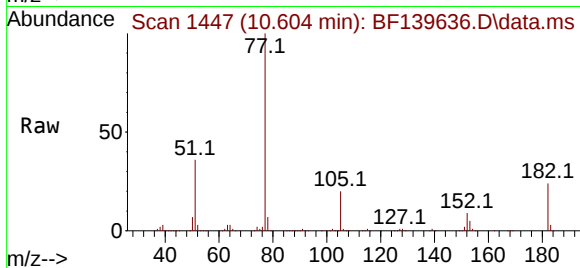
Ion Ratio Lower Upper

77 100

182 23.8 4.2 44.2

105 19.8 0.0 39.6

51 36.2 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

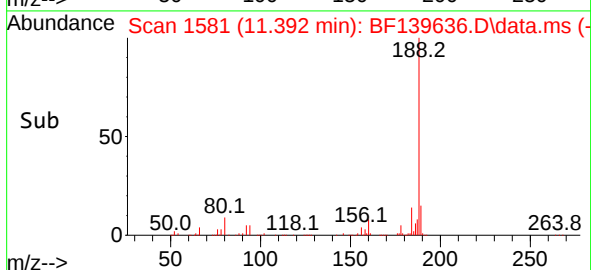
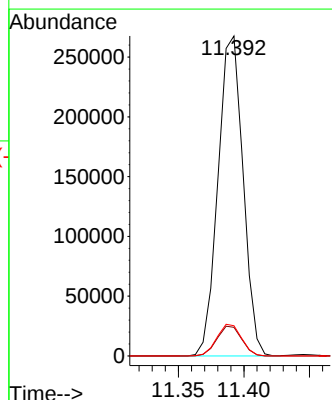
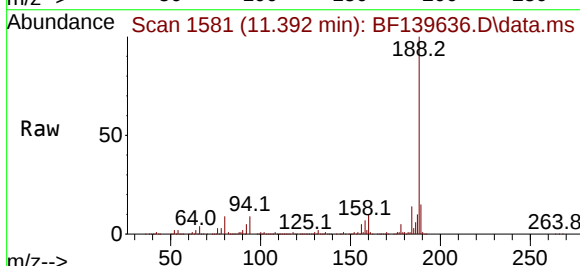
Tgt Ion:188 Resp: 355376

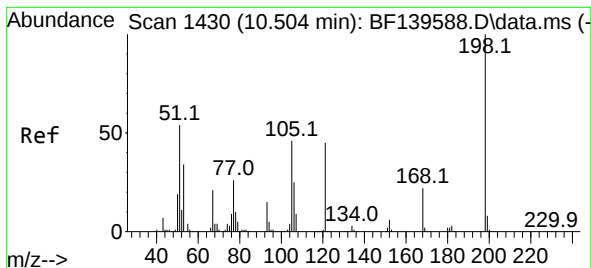
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.4 8.2 12.2

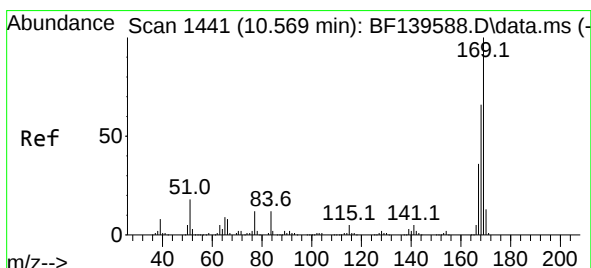
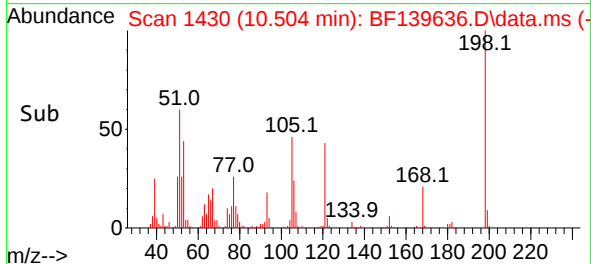
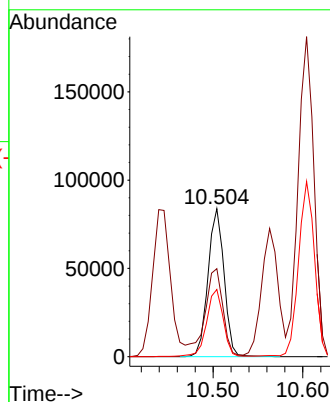
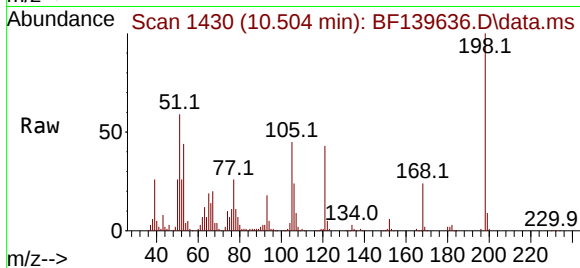




#65
4,6-Dinitro-2-methylphenol
Concen: 51.884 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

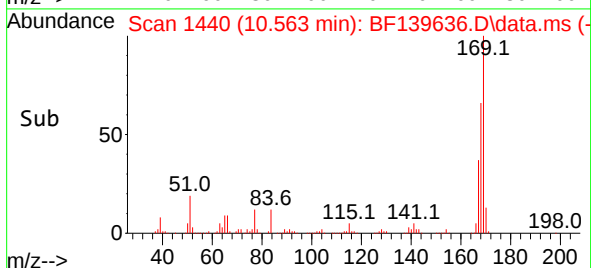
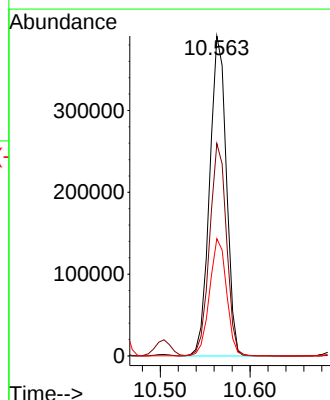
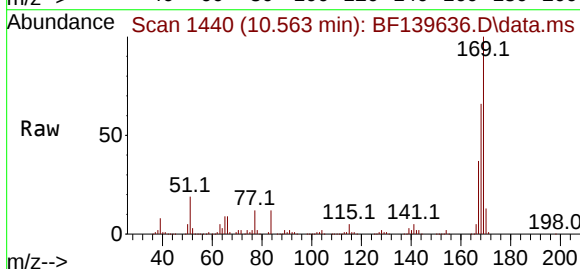
Instrument :
BNA_F
ClientSampleId :
TP-TMS

Tgt Ion:198 Resp: 104136
Ion Ratio Lower Upper
198 100
51 59.4 43.0 83.0
105 45.4 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 48.245 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:169 Resp: 505373
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.6 28.6 43.0





#67

4-Bromophenyl-phenylether

Concen: 46.796 ng

RT: 10.934 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

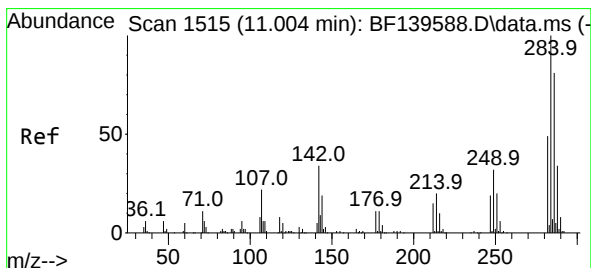
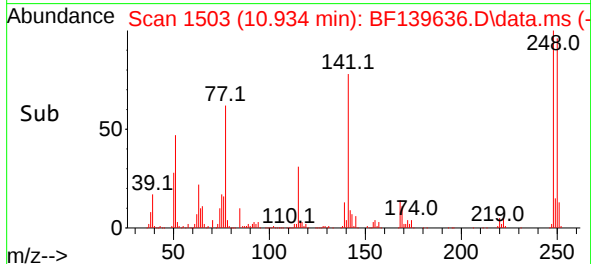
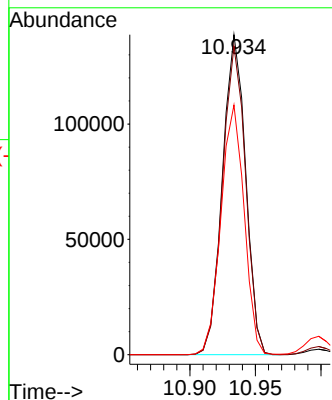
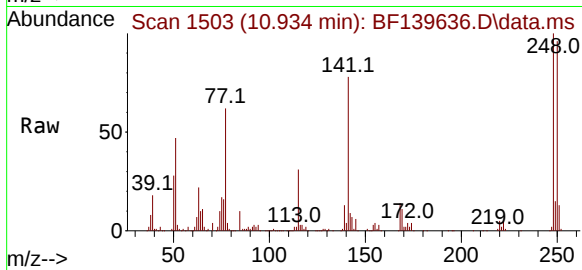
Tgt Ion:248 Resp: 170509

Ion Ratio Lower Upper

248 100

250 96.4 77.1 115.7

141 78.0 60.4 90.6



#68

Hexachlorobenzene

Concen: 46.256 ng

RT: 10.998 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

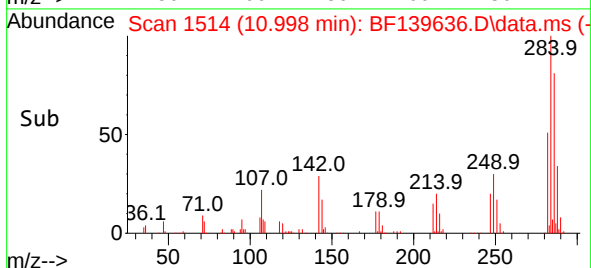
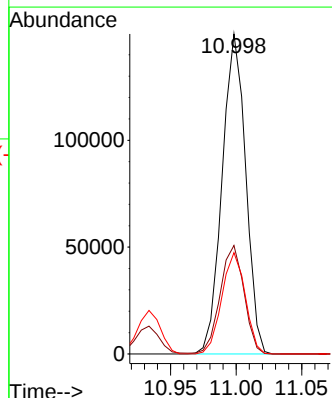
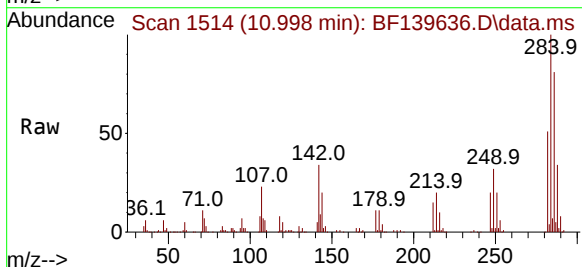
Tgt Ion:284 Resp: 187023

Ion Ratio Lower Upper

284 100

142 33.9 26.9 40.3

249 31.7 25.4 38.0





#69

Atrazine

Concen: 50.921 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

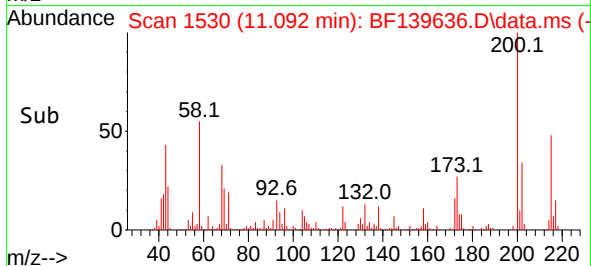
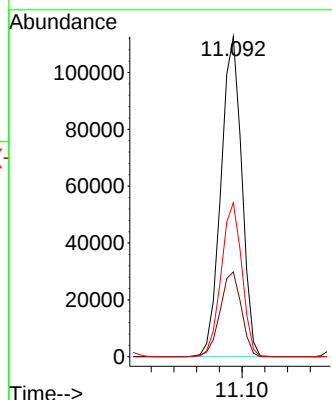
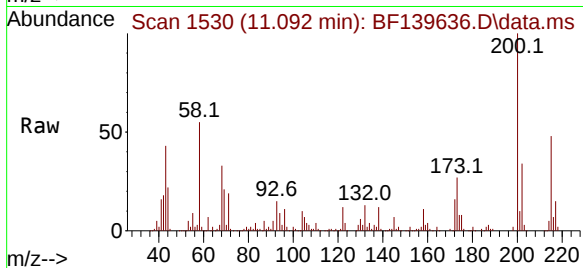
Tgt Ion:200 Resp: 143114

Ion Ratio Lower Upper

200 100

173 26.5 6.7 46.7

215 48.1 27.5 67.5



#70

Pentachlorophenol

Concen: 102.855 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

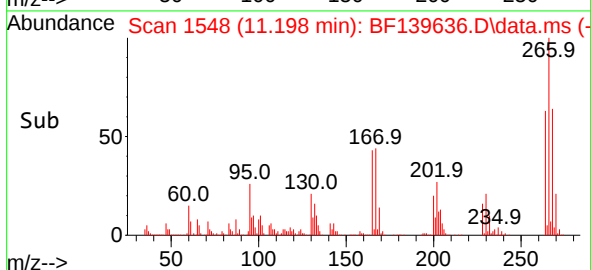
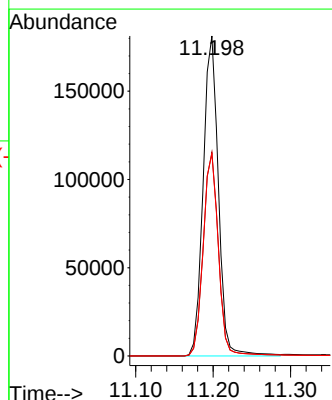
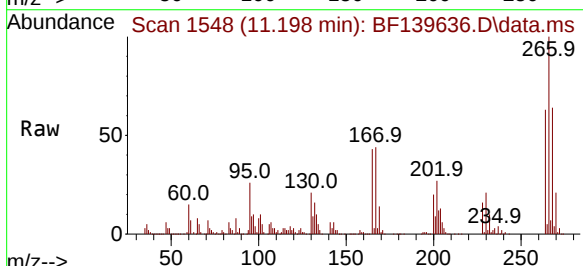
Tgt Ion:266 Resp: 247626

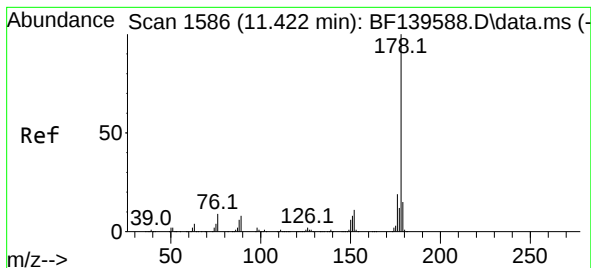
Ion Ratio Lower Upper

266 100

268 63.6 50.0 75.0

264 63.3 49.3 73.9





#71

Phenanthrene

Concen: 49.628 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

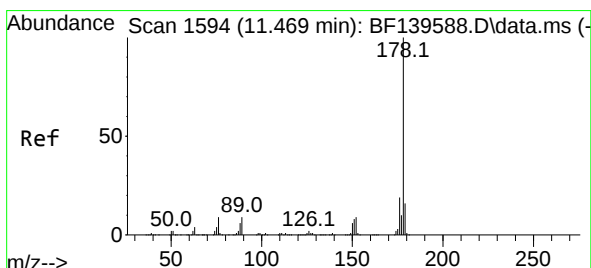
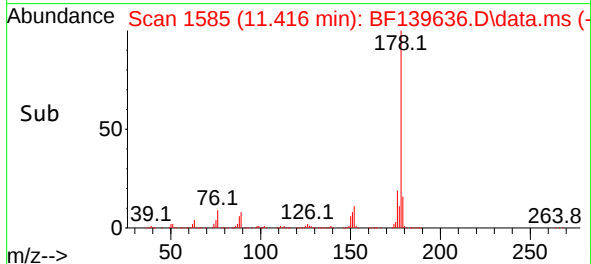
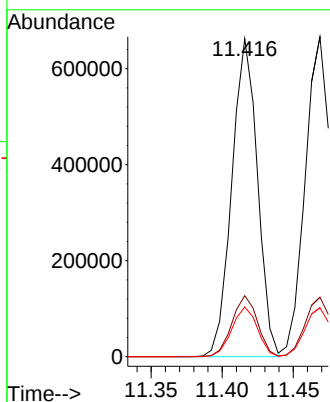
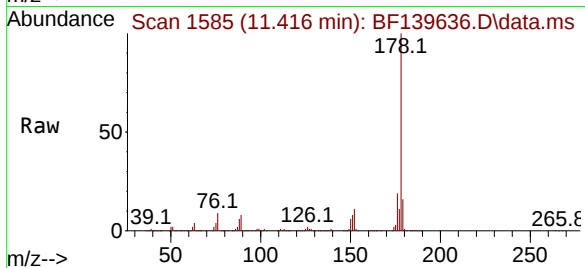
Tgt Ion:178 Resp: 831580

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.7 12.3 18.5



#72

Anthracene

Concen: 50.764 ng

RT: 11.469 min Scan# 1594

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

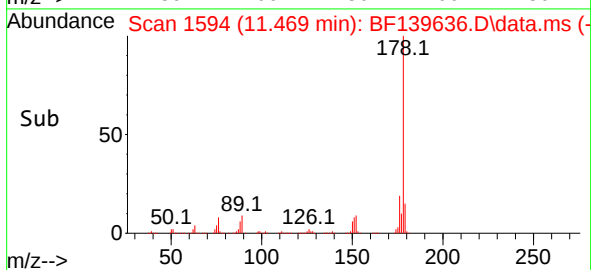
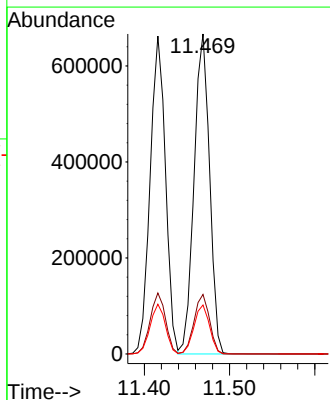
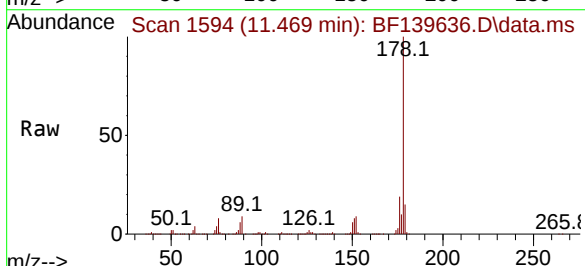
Tgt Ion:178 Resp: 841521

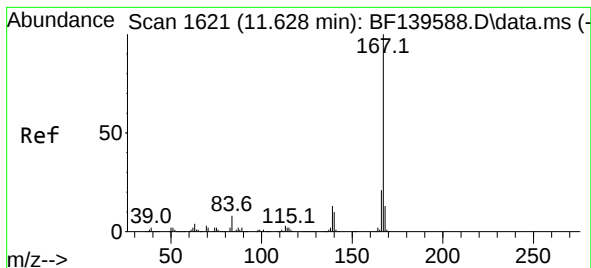
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.3 12.5 18.7





#73

Carbazole

Concen: 47.713 ng

RT: 11.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

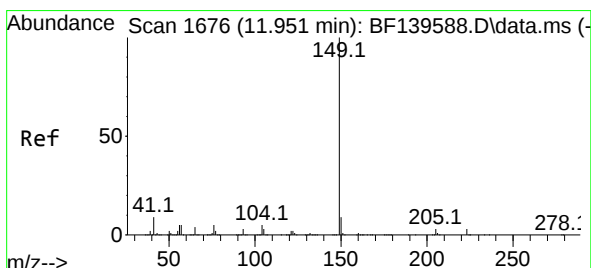
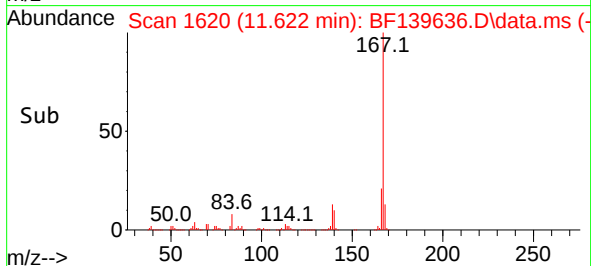
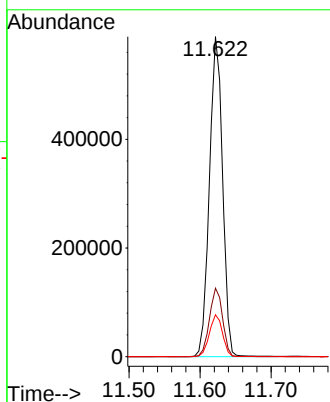
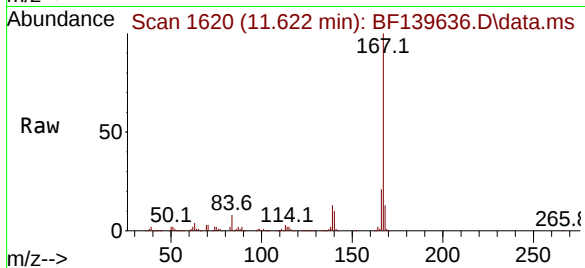
Tgt Ion:167 Resp: 759654

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 48.314 ng

RT: 11.951 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

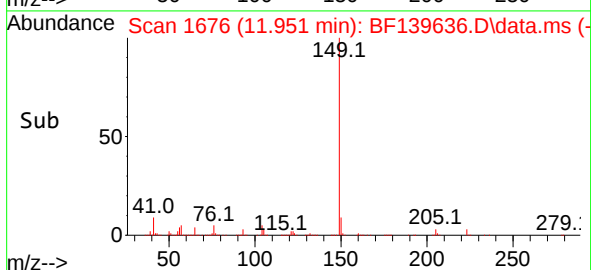
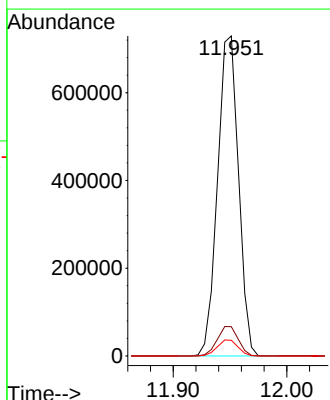
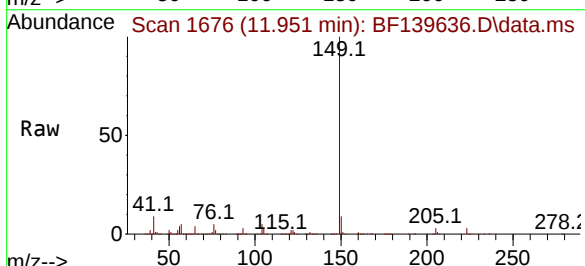
Tgt Ion:149 Resp: 935403

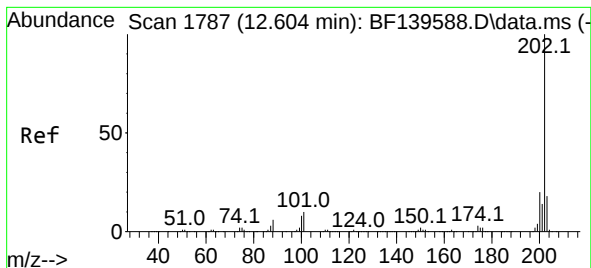
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 46.628 ng

RT: 12.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

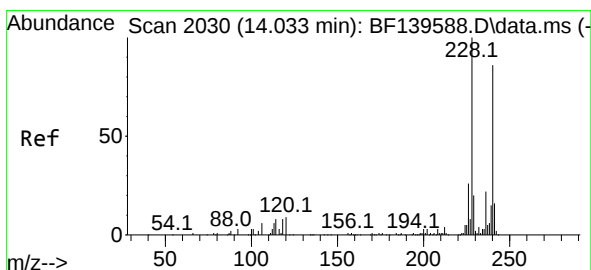
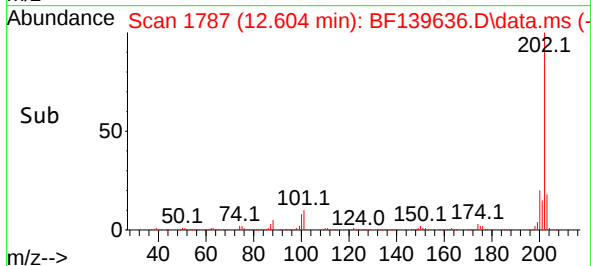
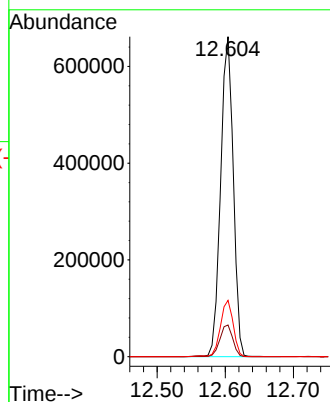
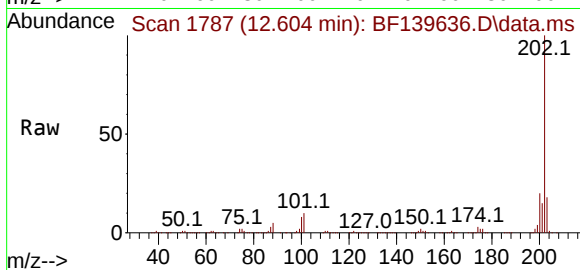
Tgt Ion:202 Resp: 854081

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.2

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

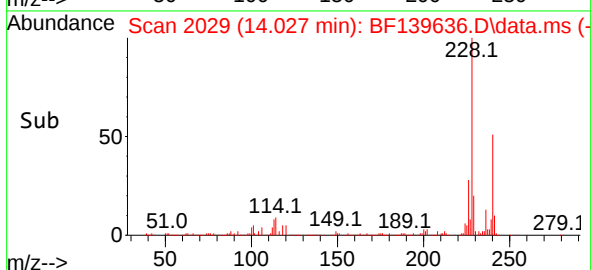
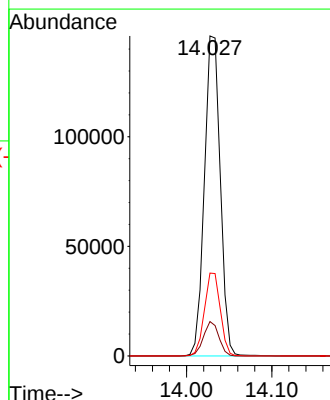
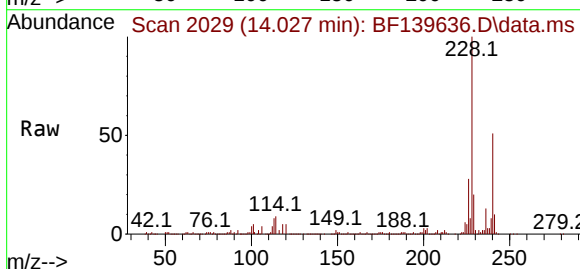
Tgt Ion:240 Resp: 189160

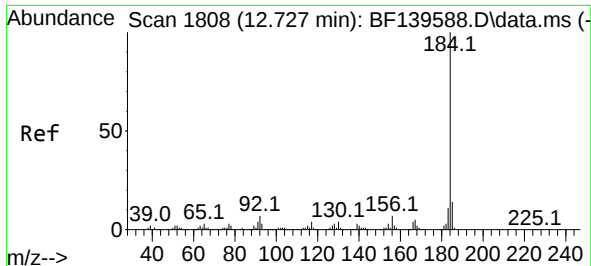
Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

236 25.9 20.3 30.5

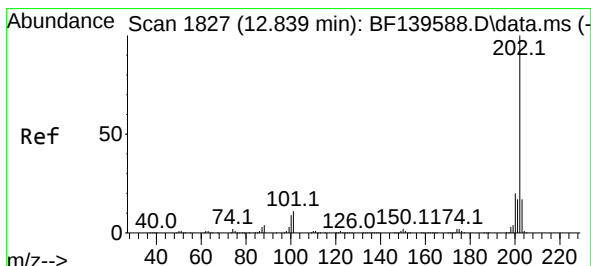
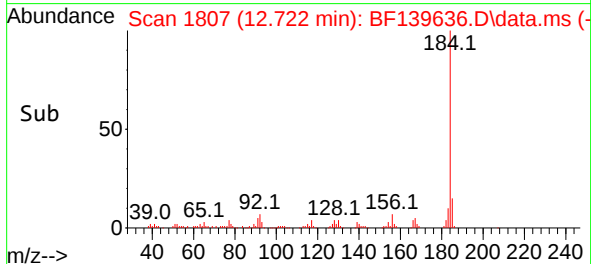
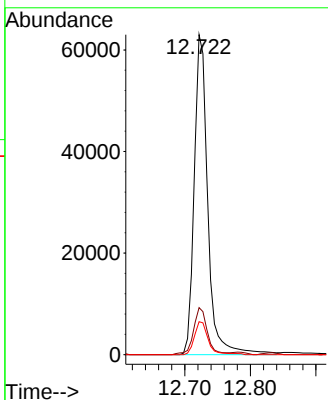
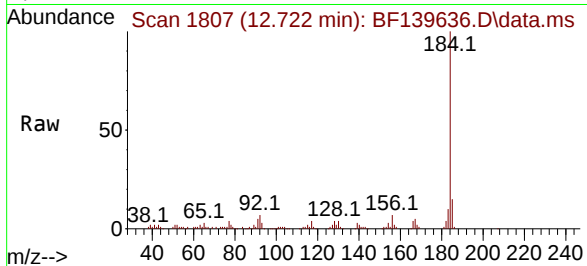




#77
Benzidine
Concen: 27.257 ng
RT: 12.722 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

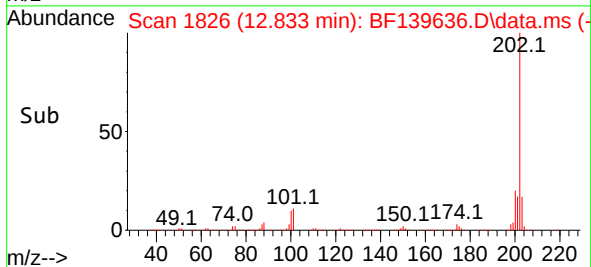
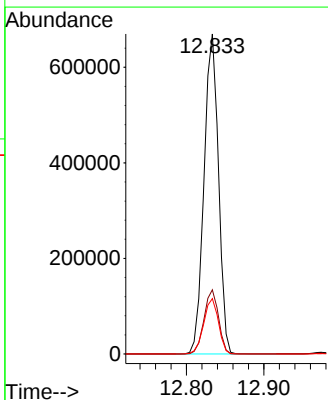
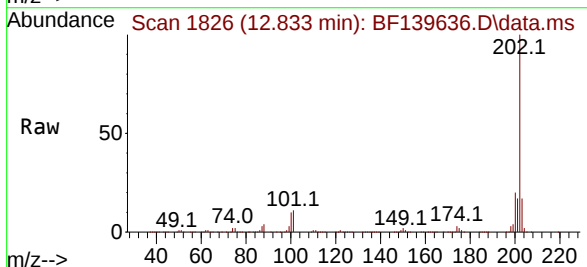
Instrument :
BNA_F
ClientSampleId :
TP-TMS

Tgt Ion:184 Resp: 90945
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.0
183 10.3 8.8 13.2



#78
Pyrene
Concen: 51.236 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:202 Resp: 866834
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.6
203 17.3 13.8 20.8





#79

Terphenyl-d14

Concen: 101.929 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.005 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

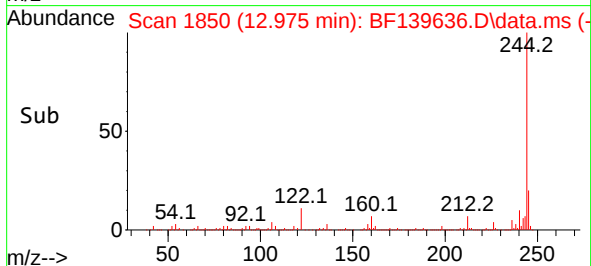
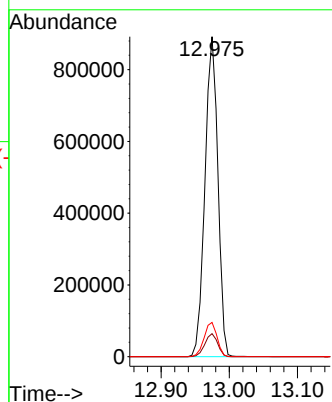
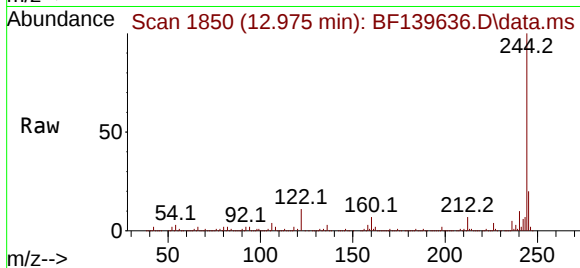
Tgt Ion:244 Resp: 1175074

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.7 8.6 12.8



#80

Butylbenzylphthalate

Concen: 54.157 ng

RT: 13.445 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

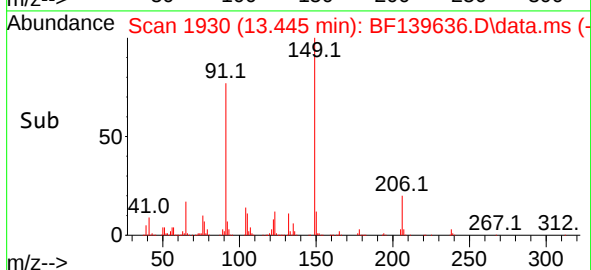
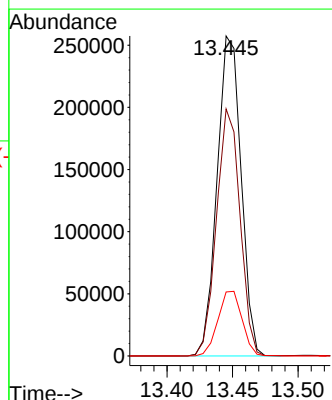
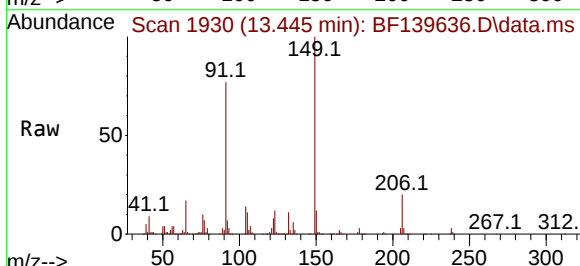
Tgt Ion:149 Resp: 327735

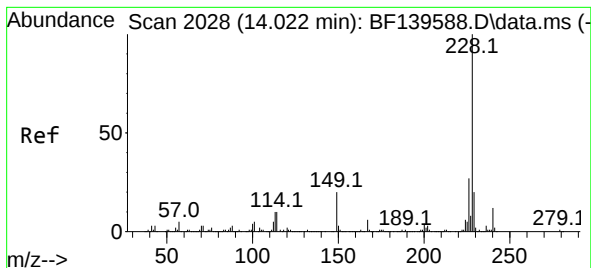
Ion Ratio Lower Upper

149 100

91 77.2 61.0 91.4

206 20.0 16.6 24.8





#81

Benzo(a)anthracene

Concen: 50.147 ng

RT: 14.022 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

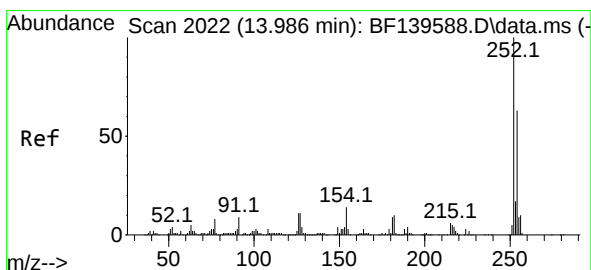
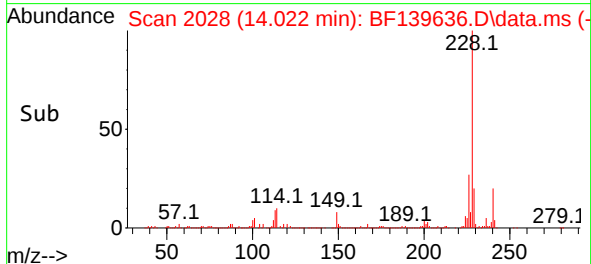
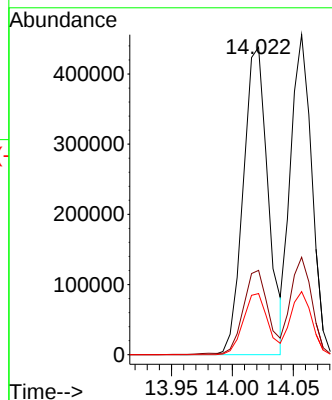
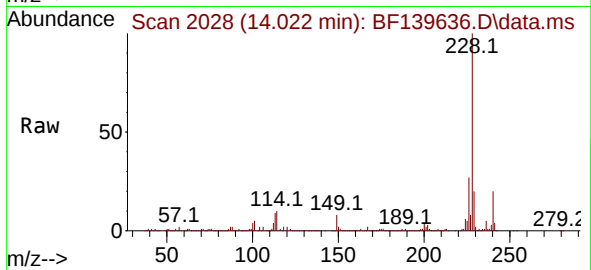
Tgt Ion:228 Resp: 623660

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 36.428 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

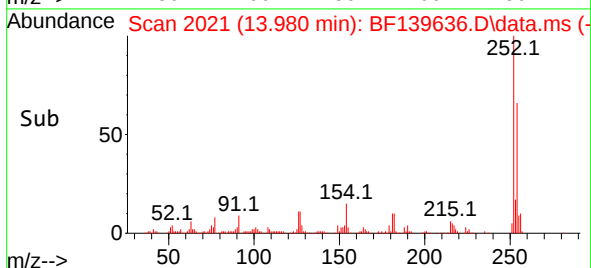
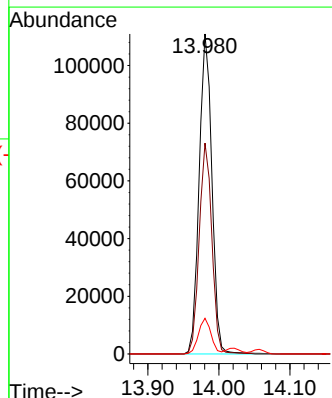
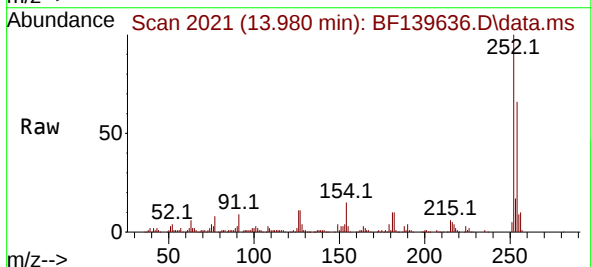
Tgt Ion:252 Resp: 138650

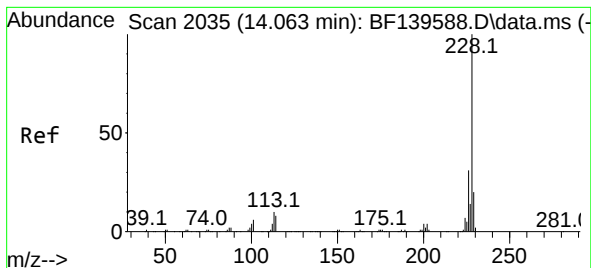
Ion Ratio Lower Upper

252 100

254 65.9 50.5 75.7

126 11.1 8.8 13.2





#83

Chrysene

Concen: 48.487 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

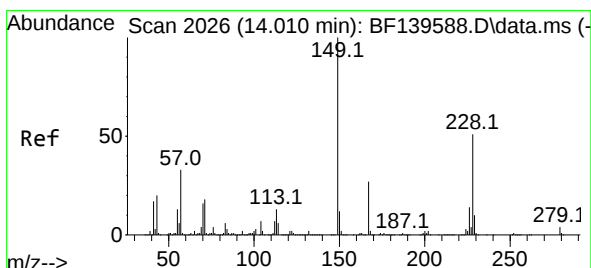
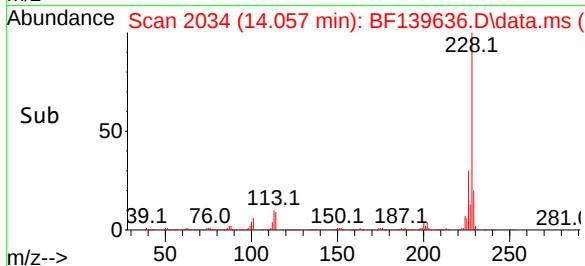
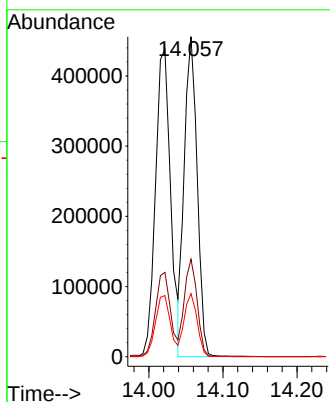
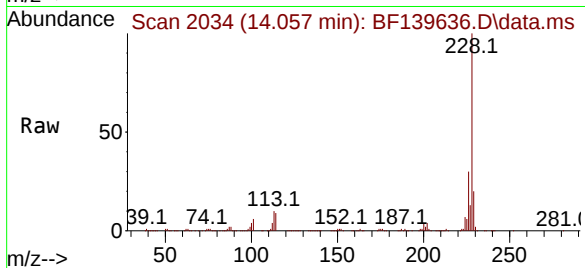
Tgt Ion:228 Resp: 551308

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.708 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

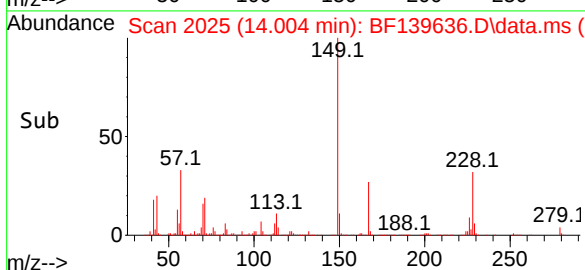
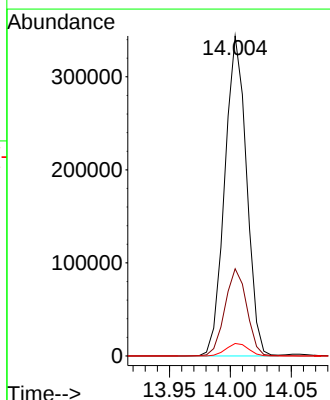
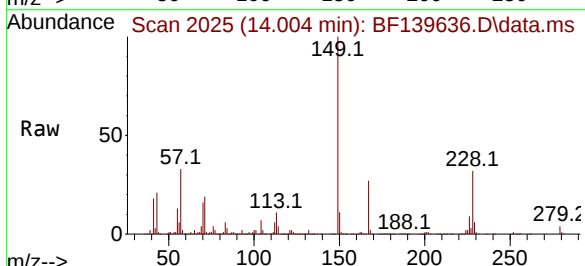
Tgt Ion:149 Resp: 428519

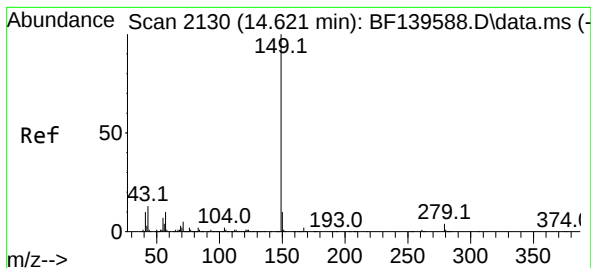
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 55.661 ng

RT: 14.616 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

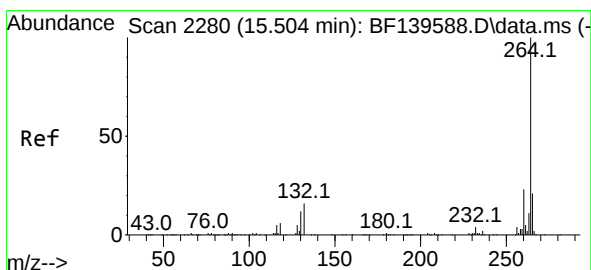
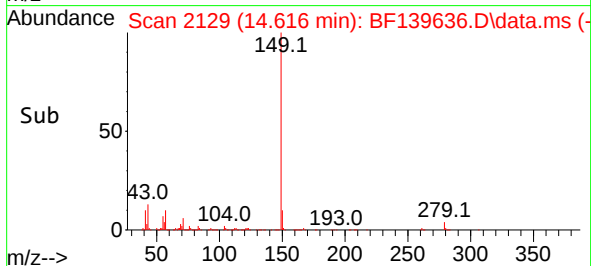
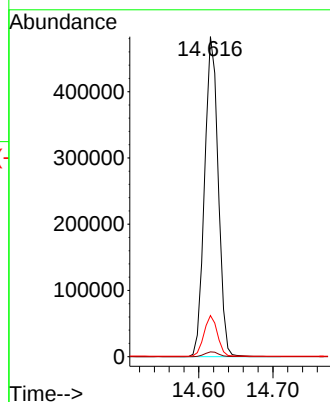
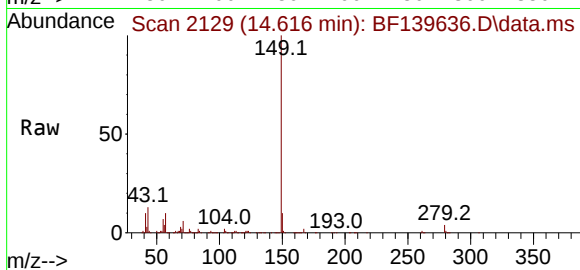
Tgt Ion:149 Resp: 617910

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.6 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

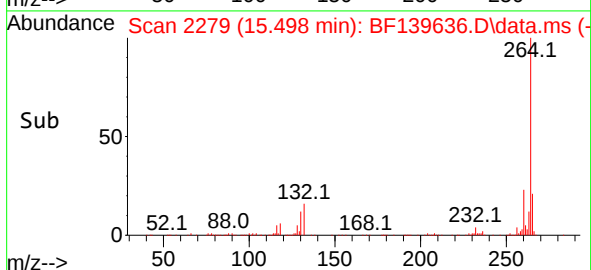
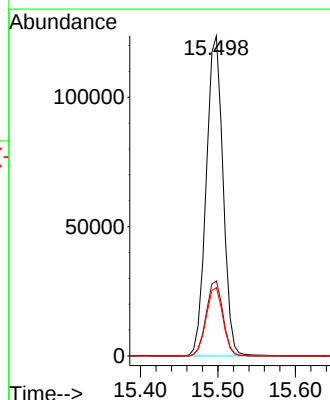
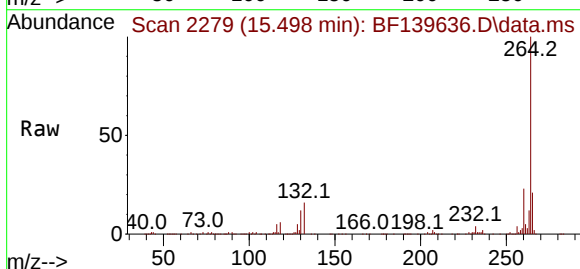
Tgt Ion:264 Resp: 185966

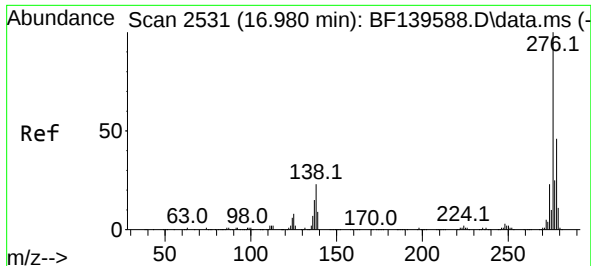
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.4 16.9 25.3

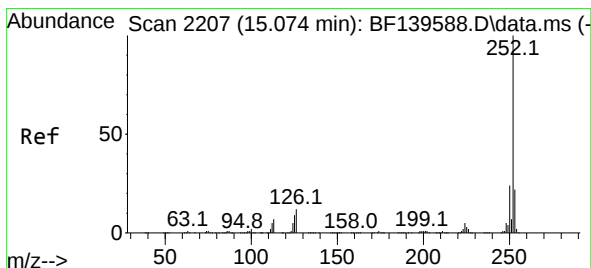
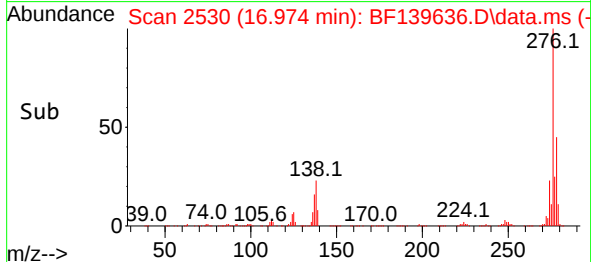
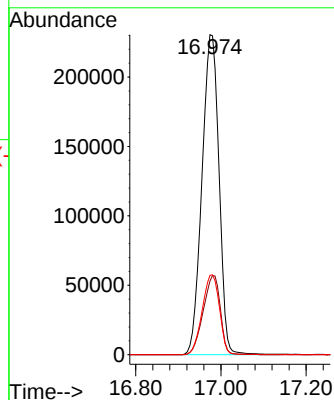
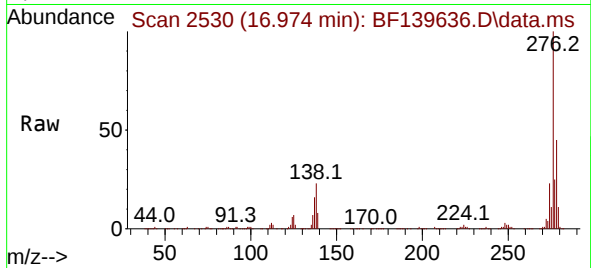




#87
Indeno(1,2,3-cd)pyrene
Concen: 58.382 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

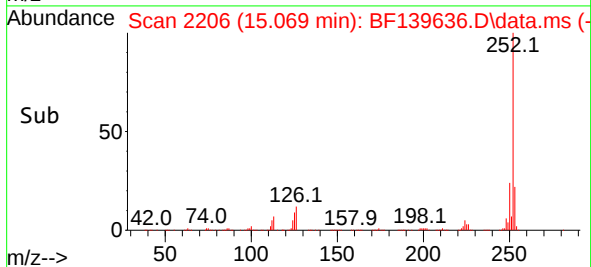
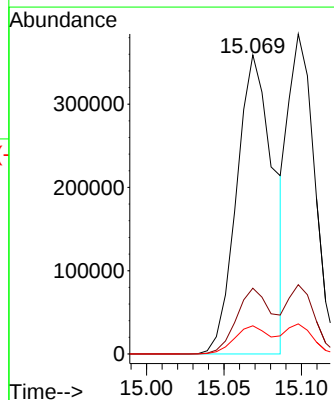
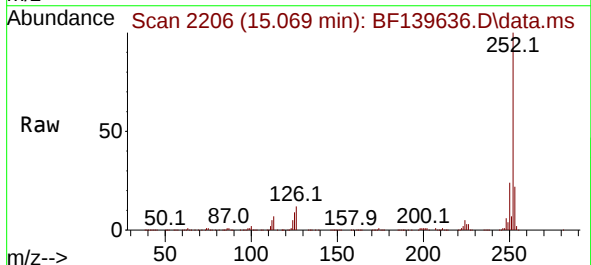
Instrument :
BNA_F
ClientSampleId :
TP-TMS

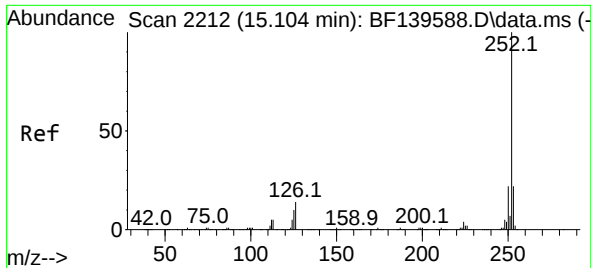
Tgt Ion:276 Resp: 639022
Ion Ratio Lower Upper
276 100
138 24.8 19.4 29.0
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 49.106 ng
RT: 15.069 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:252 Resp: 590465
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 44.932 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

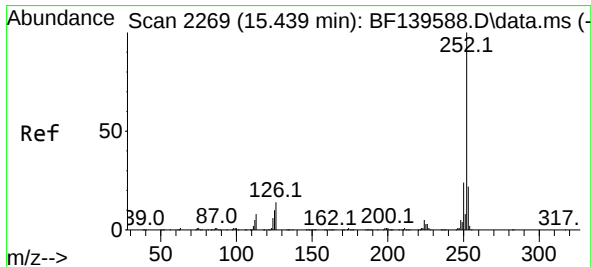
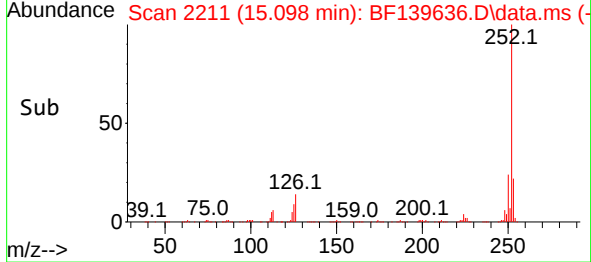
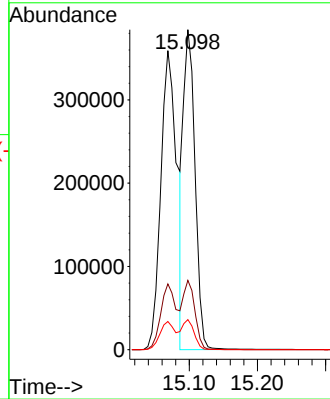
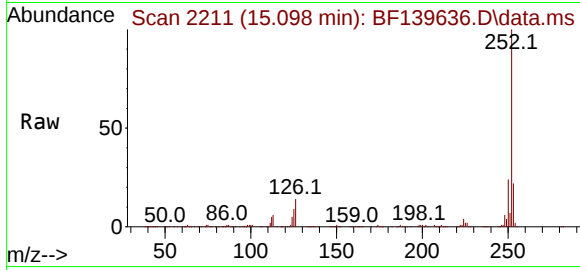
Tgt Ion:252 Resp: 458301

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.4 7.6 11.4



#90

Benzo(a)pyrene

Concen: 53.296 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

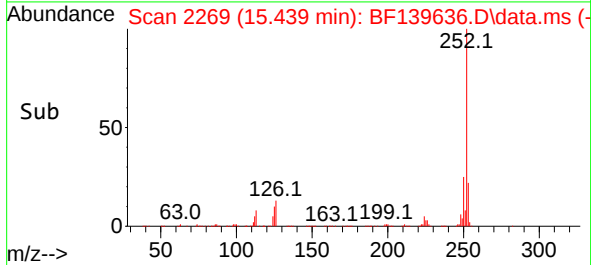
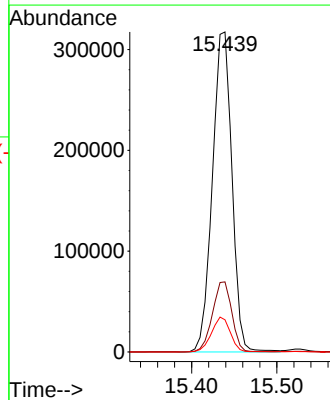
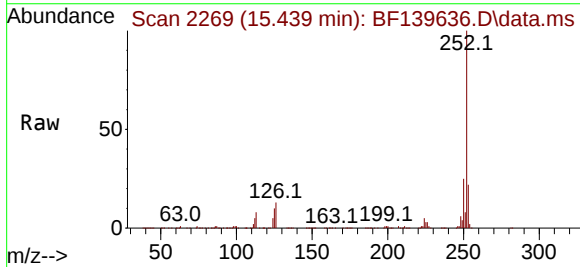
Tgt Ion:252 Resp: 505301

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.0 8.3 12.5

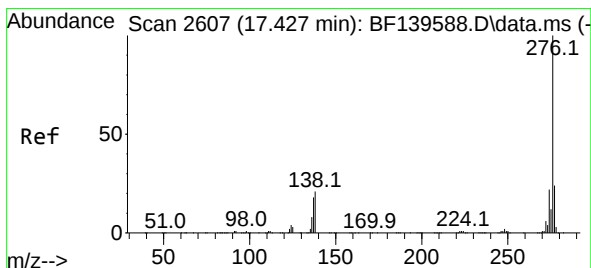
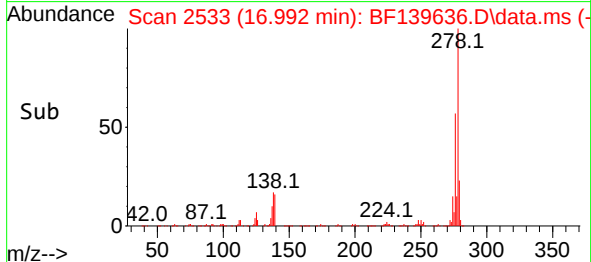
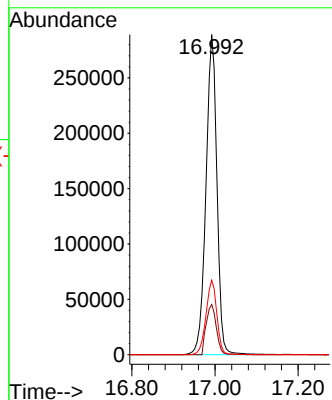
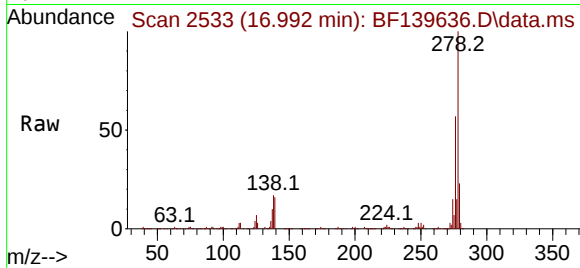




#91
Dibenzo(a,h)anthracene
Concen: 58.450 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Instrument :
BNA_F
ClientSampleId :
TP-TMS

Tgt Ion:278 Resp: 530632
Ion Ratio Lower Upper
278 100
139 15.6 12.2 18.4
279 23.3 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 53.944 ng
RT: 17.421 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:276 Resp: 491143
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 21.6 17.0 25.6

