

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139401.D
 Acq On : 17 Sep 2024 14:45
 Operator : RC/JU
 Sample : P3985-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Quant Time: Sep 17 15:19:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	65936	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	245326	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	133612	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	209074	20.000	ng	0.00
76) Chrysene-d12	14.033	240	115674	20.000	ng	0.00
86) Perylene-d12	15.498	264	100599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	327864	81.118	ng	0.01
7) Phenol-d6	6.510	99	446629	84.188	ng	0.00
23) Nitrobenzene-d5	7.439	82	293005	56.148	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	116984	82.241	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	560717	58.858	ng	0.00
79) Terphenyl-d14	12.980	244	384573	54.570	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	60027	37.017	ng	98
3) Pyridine	3.499	79	151255	42.306	ng	98
4) n-Nitrosodimethylamine	3.451	42	134117	43.280	ng	99
6) Aniline	6.540	93	166140	41.498	ng	# 80
8) 2-Chlorophenol	6.663	128	195020	46.874	ng	98
9) Benzaldehyde	6.428	77	41059	13.396	ng	98
10) Phenol	6.528	94	254027	47.014	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	178129	43.375	ng	99
12) 1,3-Dichlorobenzene	6.822	146	201559	42.598	ng	100
13) 1,4-Dichlorobenzene	6.898	146	205449	42.967	ng	99
14) 1,2-Dichlorobenzene	7.045	146	195514	43.273	ng	99
15) Benzyl Alcohol	7.022	79	197715	46.713	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	324717	51.306	ng	97
17) 2-Methylphenol	7.134	107	156329	47.292	ng	100
18) Hexachloroethane	7.392	117	80753	44.340	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	153903	48.955	ng	98
20) 3+4-Methylphenols	7.287	107	210538	46.684	ng	# 89
22) Acetophenone	7.287	105	286026	44.597	ng	98
24) Nitrobenzene	7.463	77	234062	43.580	ng	99
25) Isophorone	7.698	82	403023	48.834	ng	99
26) 2-Nitrophenol	7.781	139	102290	48.885	ng	95
27) 2,4-Dimethylphenol	7.816	122	157747	57.152	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	227938	48.460	ng	97
29) 2,4-Dichlorophenol	8.022	162	163566	46.647	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	174480	42.706	ng	97
31) Naphthalene	8.186	128	577603	45.099	ng	99
32) Benzoic acid	7.934	122	107640	41.672	ng	96
33) 4-Chloroaniline	8.228	127	61205	15.621	ng	98
34) Hexachlorobutadiene	8.298	225	120340	43.355	ng	100
35) Caprolactam	8.604	113	37504	34.770	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	188174	46.957	ng	98
37) 2-Methylnaphthalene	8.875	142	380257	46.776	ng	99
38) 1-Methylnaphthalene	8.975	142	353632	44.309	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	182728	46.145	ng	99
41) Hexachlorocyclopentadiene	9.028	237	183674	132.846	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	127066	49.322	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	124290	45.736	ng	98
46) 1,1'-Biphenyl	9.339	154	473057	46.021	ng	99
47) 2-Chloronaphthalene	9.363	162	347657	45.234	ng	99
48) 2-Nitroaniline	9.457	65	133786	46.800	ng	97
49) Acenaphthylene	9.780	152	567152	49.022	ng	100
50) Dimethylphthalate	9.639	163	420890	47.995	ng	99
51) 2,6-Dinitrotoluene	9.698	165	89160	45.894	ng	99
52) Acenaphthene	9.951	154	408441	50.584	ng	100
53) 3-Nitroaniline	9.869	138	52257	26.915	ng	94
54) 2,4-Dinitrophenol	9.975	184	88896	82.119	ng	94
55) Dibenzofuran	10.122	168	514943	45.755	ng	98
56) 4-Nitrophenol	10.028	139	128321	79.875	ng	94
57) 2,4-Dinitrotoluene	10.104	165	118617	45.225	ng	99
58) Fluorene	10.463	166	412444	44.916	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	102710	45.690	ng	99
60) Diethylphthalate	10.333	149	427712	47.262	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	204072	45.729	ng	96
62) 4-Nitroaniline	10.480	138	79576	37.554	ng	97
63) Azobenzene	10.616	77	450528	50.616	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	55721	50.497	ng	95
66) n-Nitrosodiphenylamine	10.575	169	340332	55.677	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	112640	54.367	ng	99
68) Hexachlorobenzene	11.010	284	121602	50.009	ng	99
69) Atrazine	11.098	200	104084	71.525	ng	99
70) Pentachlorophenol	11.204	266	129245	88.581	ng	99
71) Phenanthrene	11.427	178	497133	49.285	ng	100
72) Anthracene	11.474	178	494353	50.126	ng	99
73) Carbazole	11.627	167	406002	43.013	ng	99
74) Di-n-butylphthalate	11.957	149	527248	50.143	ng	100
75) Fluoranthene	12.610	202	412125	38.259	ng	99
77) Benzidine	12.727	184	106024	63.975	ng	99
78) Pyrene	12.839	202	410525	41.333	ng	100
80) Butylbenzylphthalate	13.457	149	156967	46.430	ng	98
81) Benzo(a)anthracene	14.021	228	382239	49.886	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	81489	36.316	ng	98
83) Chrysene	14.063	228	327610	46.474	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	215514	50.111	ng	99
85) Di-n-octyl phthalate	14.621	149	373584	58.984	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	185932	31.082	ng	100
88) Benzo(b)fluoranthene	15.074	252	334641	53.937	ng	99
89) Benzo(k)fluoranthene	15.104	252	324299	56.690	ng	99
90) Benzo(a)pyrene	15.439	252	276834	53.801	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	153160	30.985	ng	99
92) Benzo(g,h,i)perylene	17.415	276	134686	27.519	ng	99

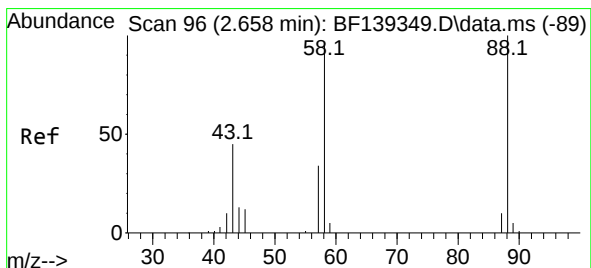
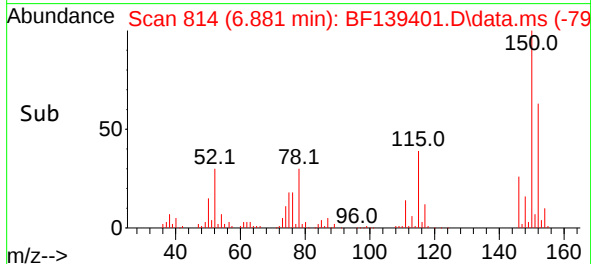
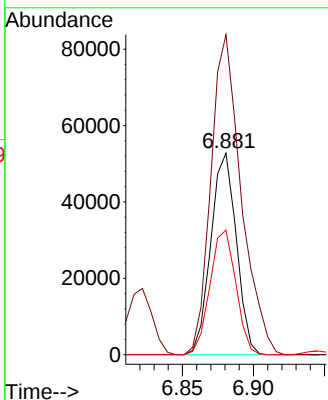
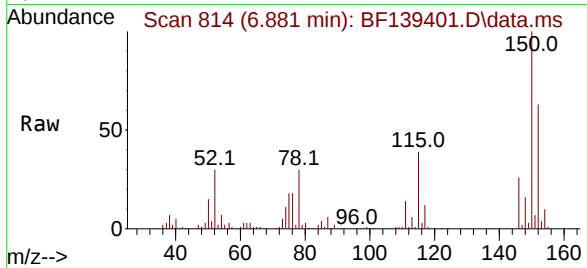
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139401.D
 Acq: 17 Sep 2024 14:45

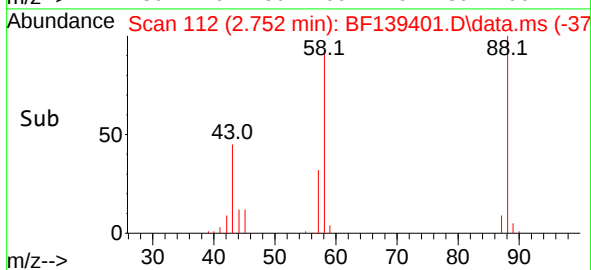
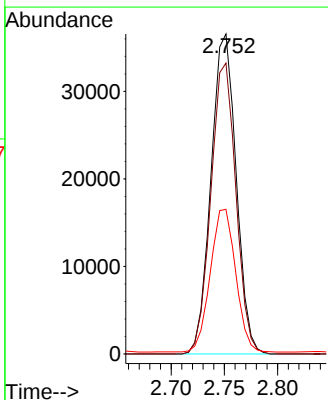
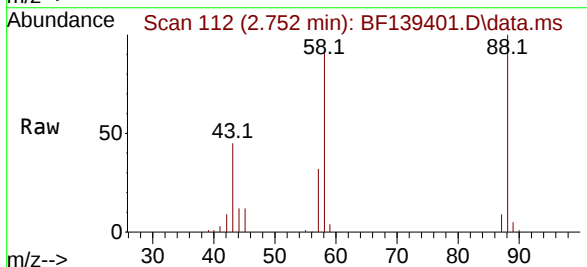
Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

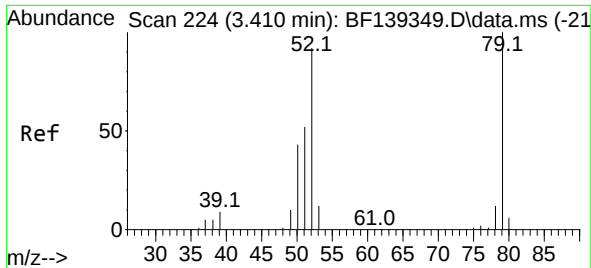
Tgt Ion:152 Resp: 65936
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.1 186.1
 115 61.8 48.1 72.1



#2
 1,4-Dioxane
 Concen: 37.017 ng
 RT: 2.752 min Scan# 112
 Delta R.T. 0.094 min
 Lab File: BF139401.D
 Acq: 17 Sep 2024 14:45

Tgt Ion: 88 Resp: 60027
 Ion Ratio Lower Upper
 88 100
 58 90.5 74.8 112.2
 43 45.2 36.4 54.6





#3

Pyridine

Concen: 42.306 ng

RT: 3.499 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

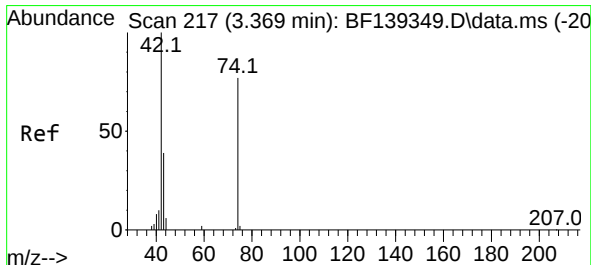
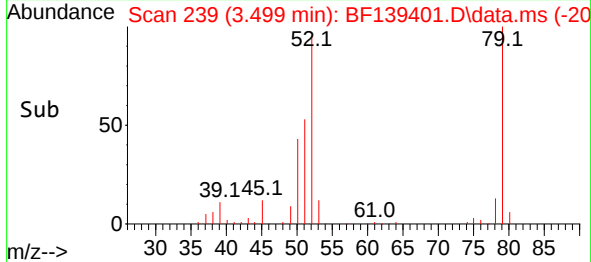
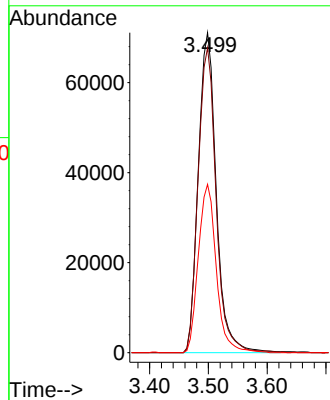
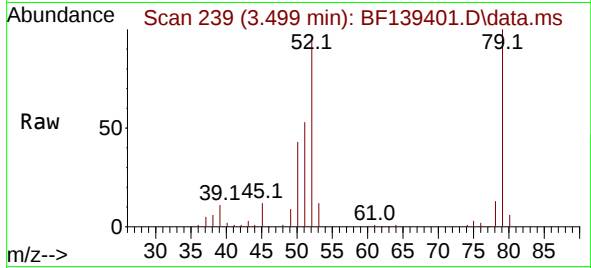
Tgt Ion: 79 Resp: 151255

Ion Ratio Lower Upper

79 100

52 95.3 73.8 110.8

51 52.6 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 43.280 ng

RT: 3.451 min Scan# 231

Delta R.T. 0.082 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

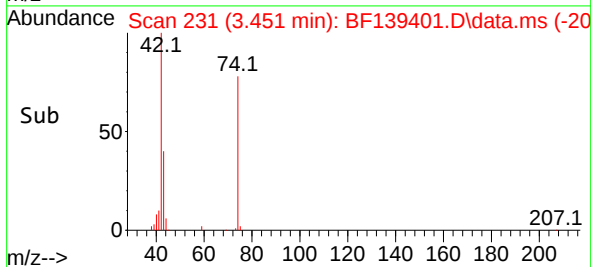
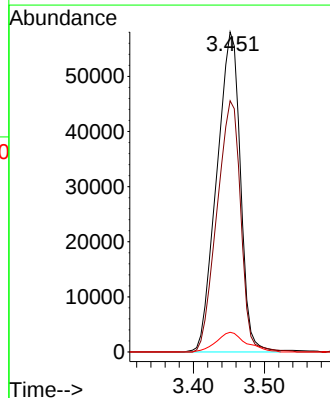
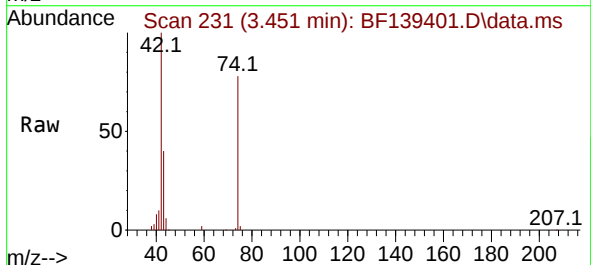
Tgt Ion: 42 Resp: 134117

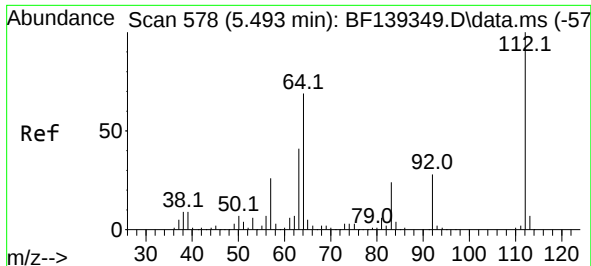
Ion Ratio Lower Upper

42 100

74 78.5 61.8 92.8

44 6.2 4.8 7.2

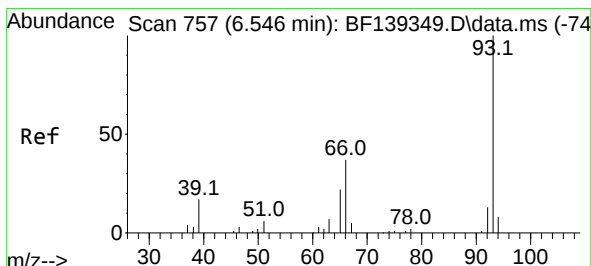
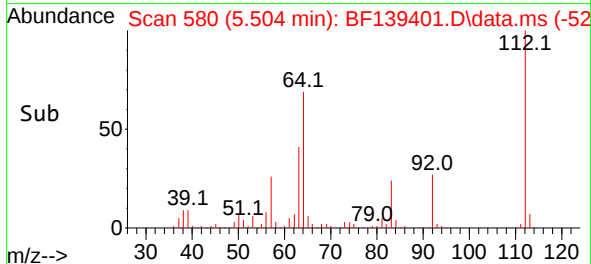
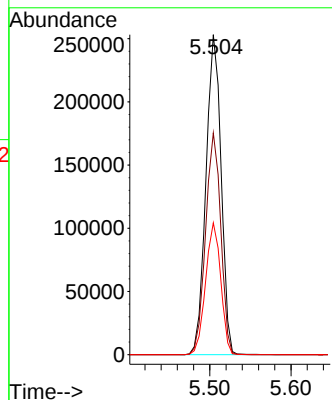
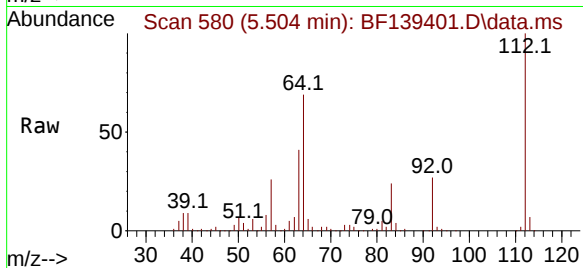




#5
2-Fluorophenol
Concen: 81.118 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

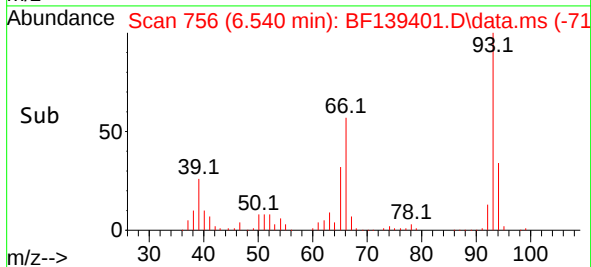
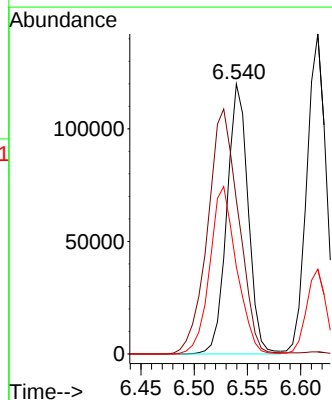
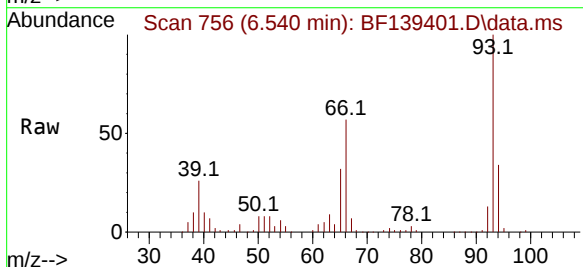
Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion:112 Resp: 327864
Ion Ratio Lower Upper
112 100
64 69.3 54.8 82.2
63 41.2 33.0 49.4



#6
Aniline
Concen: 41.498 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion: 93 Resp: 166140
Ion Ratio Lower Upper
93 100
66 56.9 35.4 53.0#
65 32.2 18.2 27.4#





#7

Phenol-d6

Concen: 84.188 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

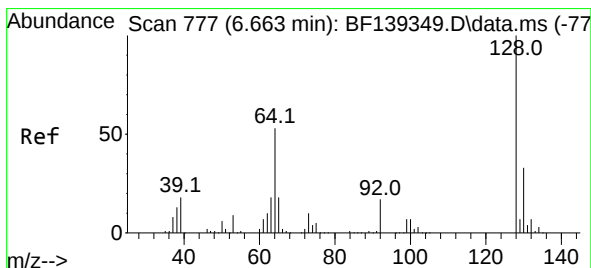
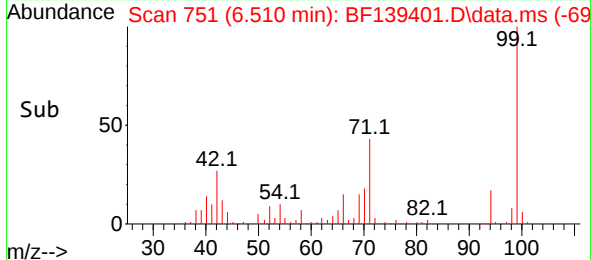
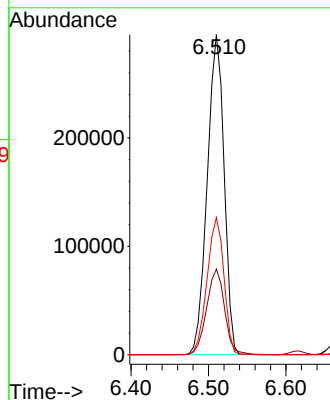
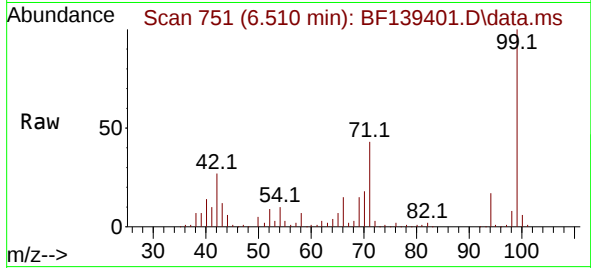
Tgt Ion: 99 Resp: 446629

Ion Ratio Lower Upper

99 100

42 26.8 21.9 32.9

71 42.8 34.6 52.0



#8

2-Chlorophenol

Concen: 46.874 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

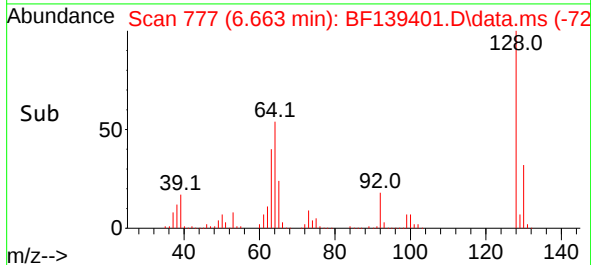
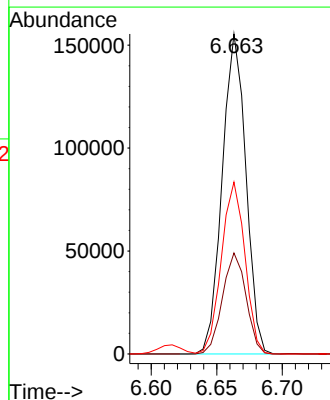
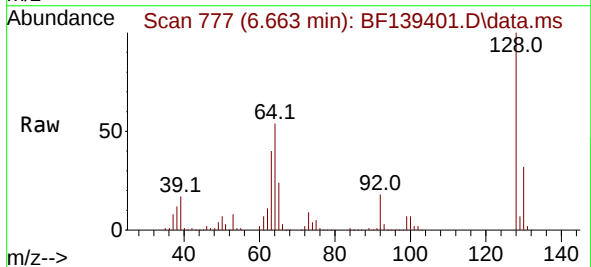
Tgt Ion: 128 Resp: 195020

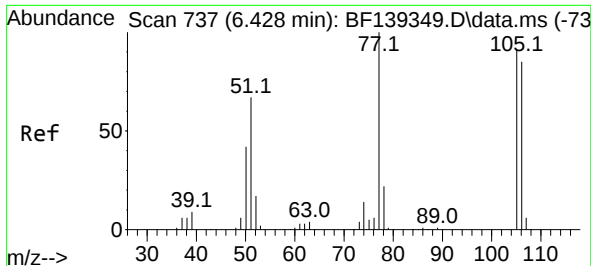
Ion Ratio Lower Upper

128 100

130 31.5 12.8 52.8

64 53.7 35.1 75.1





#9

Benzaldehyde

Concen: 13.396 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

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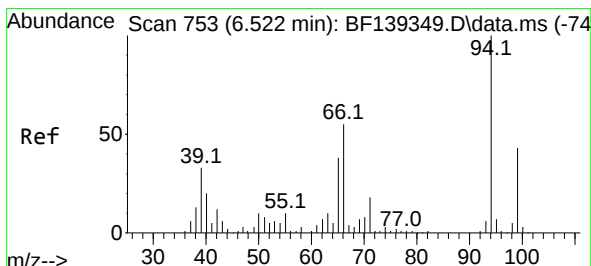
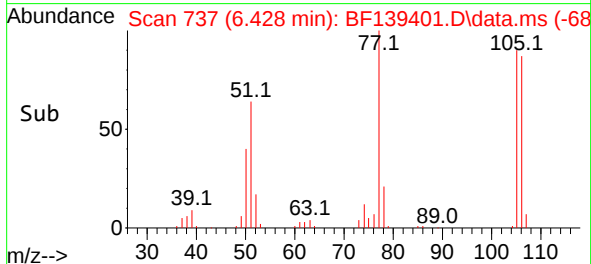
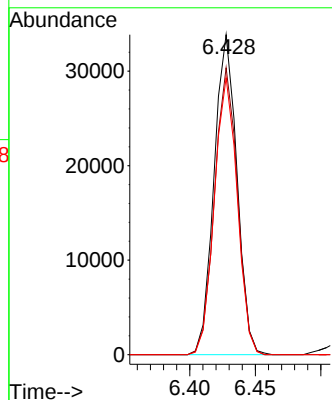
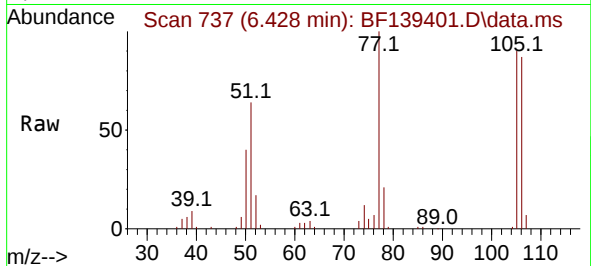
Tgt Ion: 77 Resp: 41059

Ion Ratio Lower Upper

77 100

105 89.6 71.0 111.0

106 86.6 64.9 104.9



#10

Phenol

Concen: 47.014 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

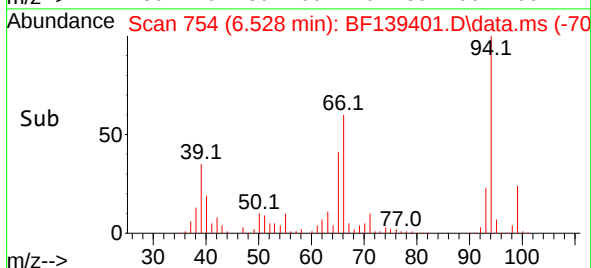
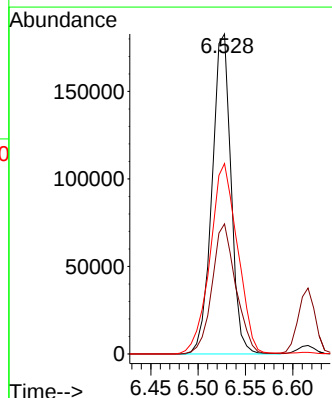
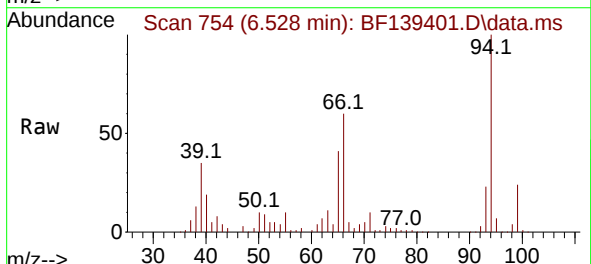
Tgt Ion: 94 Resp: 254027

Ion Ratio Lower Upper

94 100

65 40.7 17.6 57.6

66 59.5 35.2 75.2



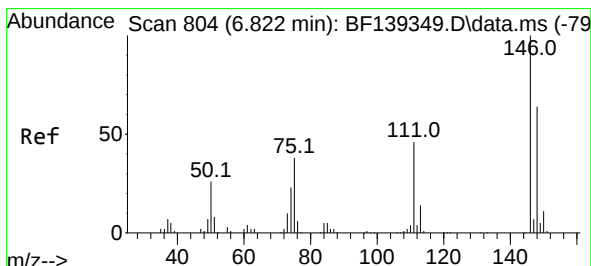
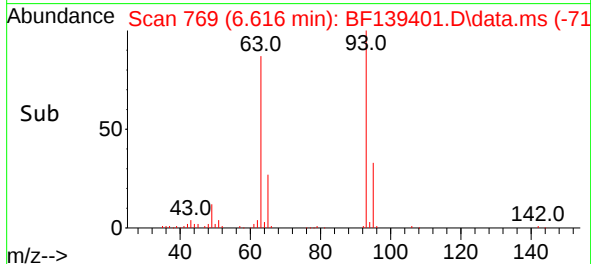
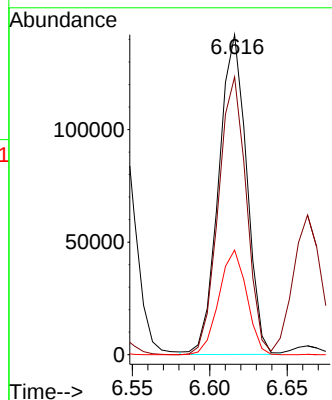
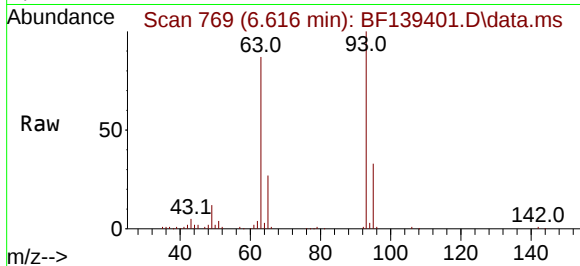


#11
bis(2-Chloroethyl)ether
Concen: 43.375 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion: 93 Resp: 178129

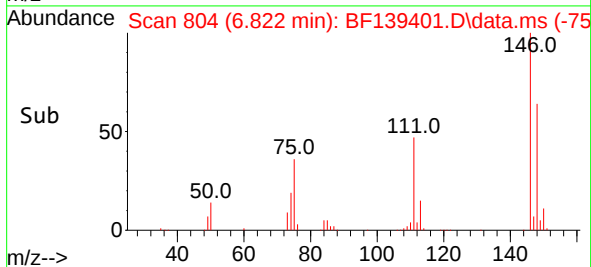
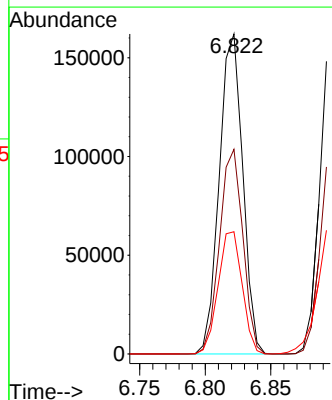
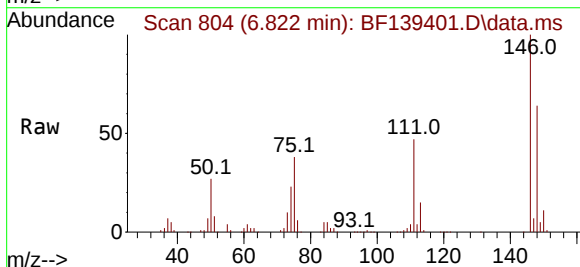
Ion	Ratio	Lower	Upper
93	100		
63	86.8	65.3	105.3
95	32.7	12.4	52.4

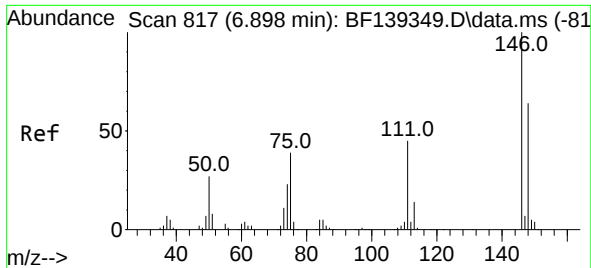


#12
1,3-Dichlorobenzene
Concen: 42.598 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion: 146 Resp: 201559

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
75	38.2	30.6	46.0

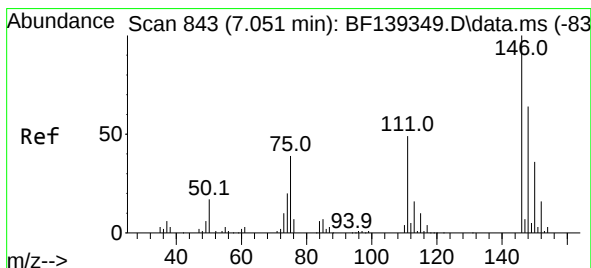
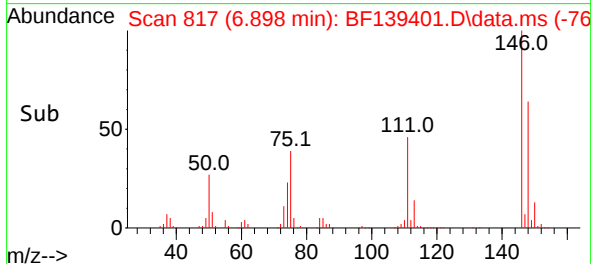
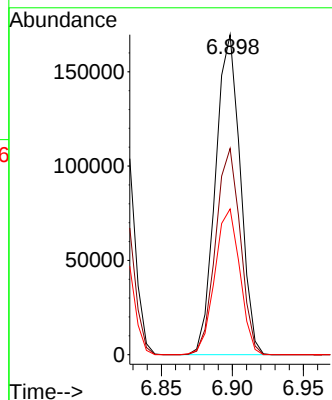
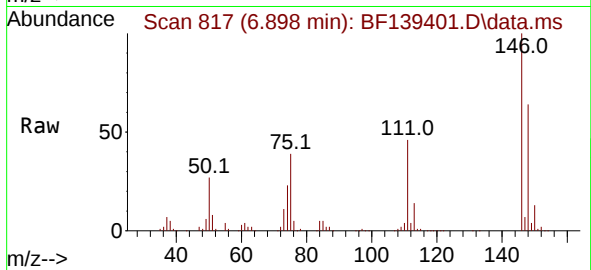




#13
1,4-Dichlorobenzene
Concen: 42.967 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

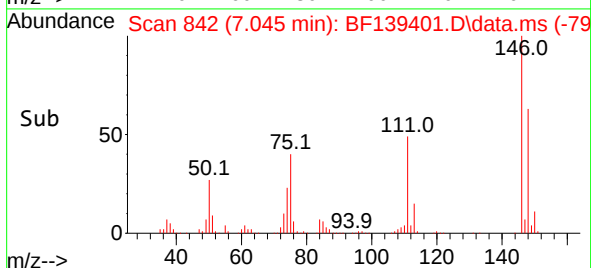
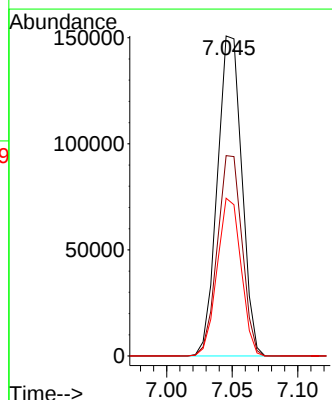
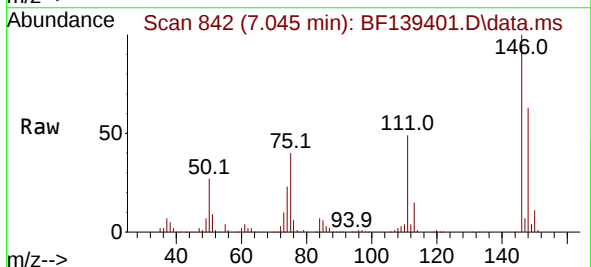
Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion:146 Resp: 205449
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
111 45.5 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 43.273 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:146 Resp: 195514
Ion Ratio Lower Upper
146 100
148 62.6 50.9 76.3
111 49.3 38.9 58.3

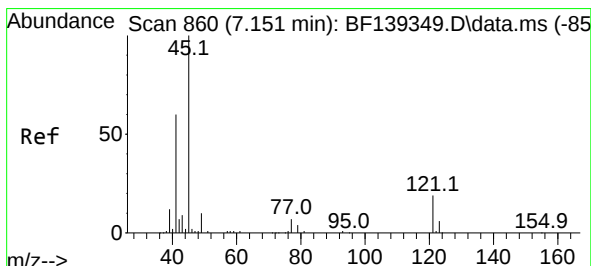
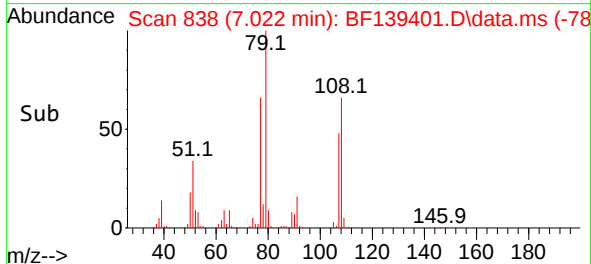
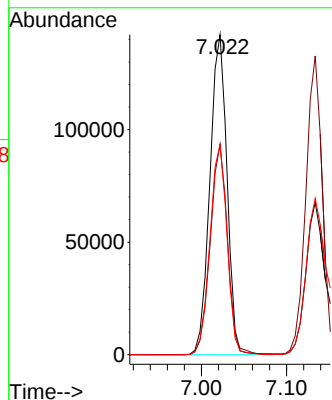
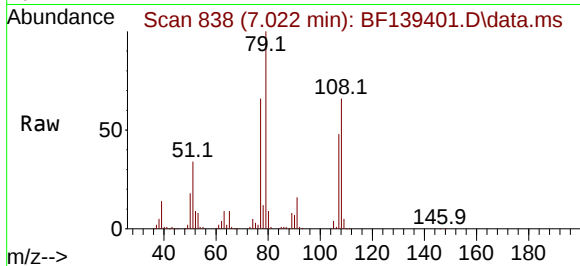




#15
Benzyl Alcohol
Concen: 46.713 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

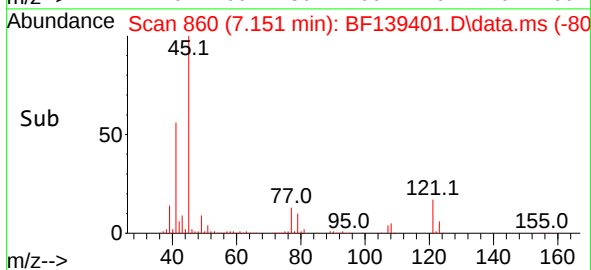
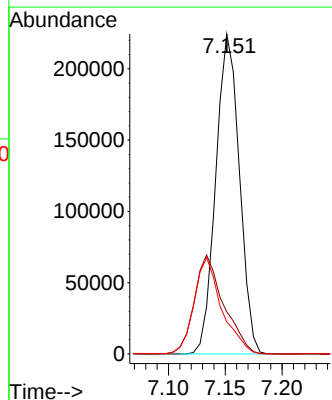
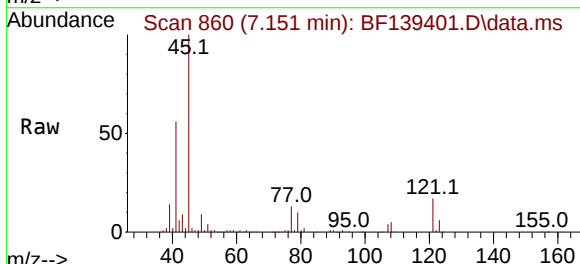
Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion: 79 Resp: 197715
Ion Ratio Lower Upper
79 100
108 65.7 50.4 75.6
77 65.7 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.306 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion: 45 Resp: 324717
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.0
79 10.1 0.0 29.1

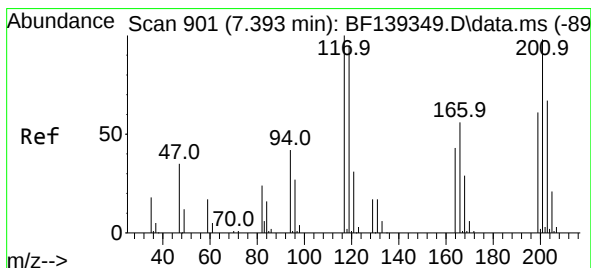
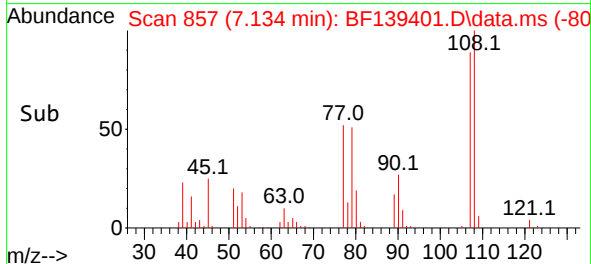
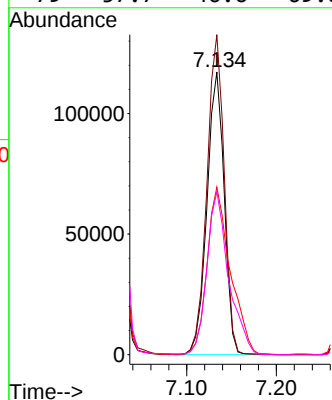
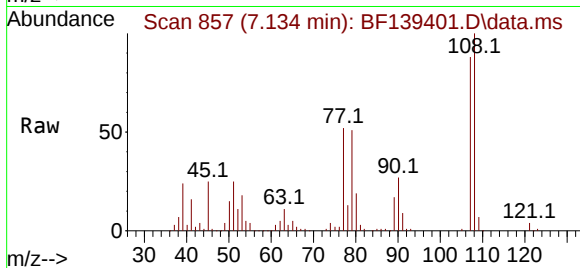




#17
2-Methylphenol
Concen: 47.292 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

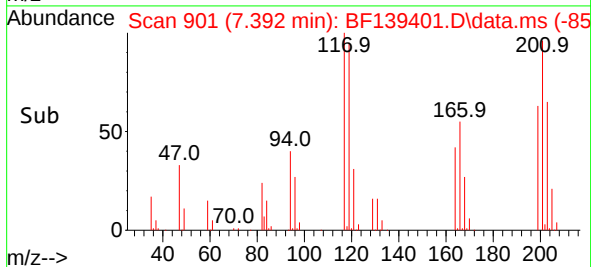
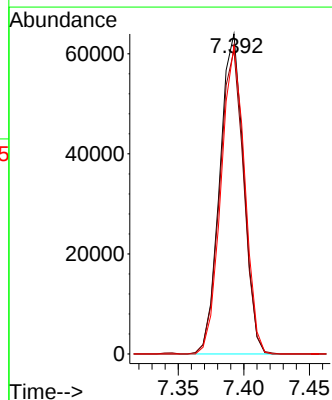
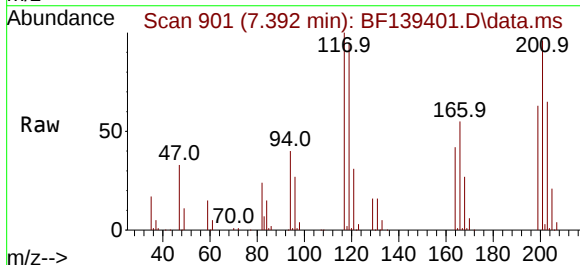
Instrument :
BNA_F
ClientSampleId :
TP-7MS

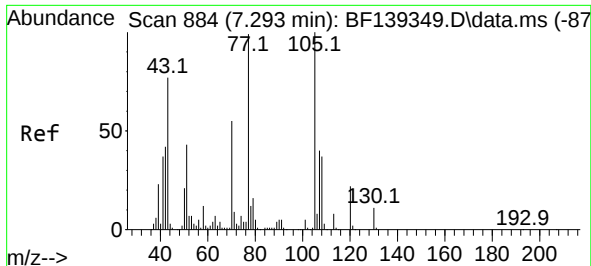
Tgt Ion:107 Resp: 156329
Ion Ratio Lower Upper
107 100
108 113.2 90.5 135.7
77 59.2 47.1 70.7
79 57.7 46.6 69.8



#18
Hexachloroethane
Concen: 44.340 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:117 Resp: 80753
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8
201 96.3 78.6 118.0



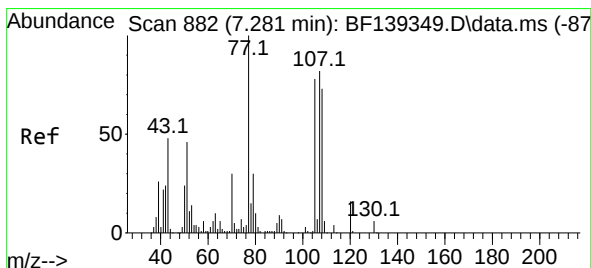
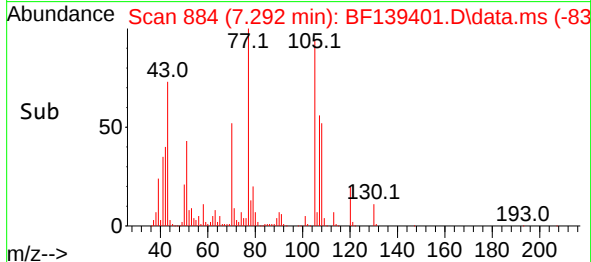
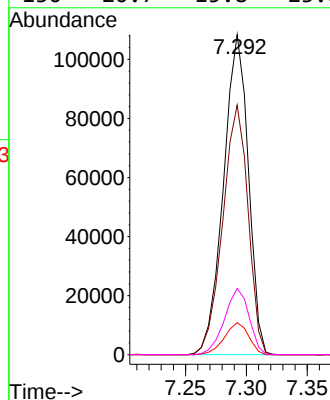
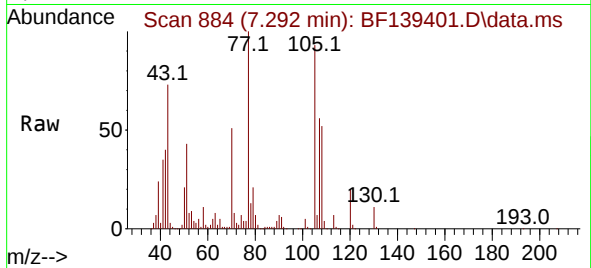


#19
n-Nitroso-di-n-propylamine
Concen: 48.955 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion: 70 Resp: 153903

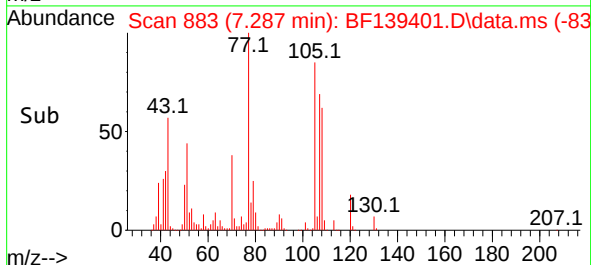
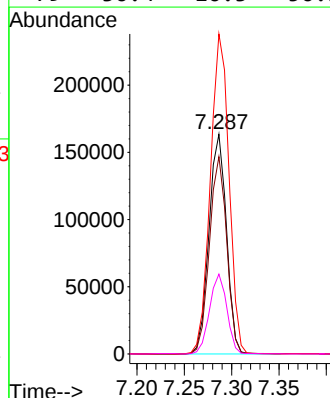
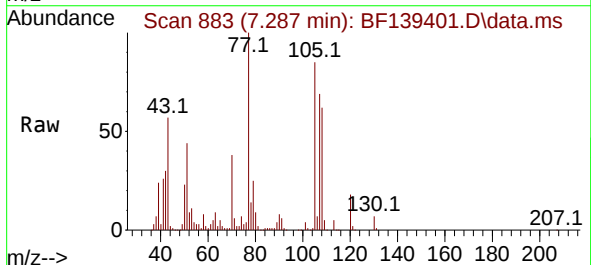
Ion	Ratio	Lower	Upper
70	100		
42	78.0	61.2	91.8
101	10.0	7.5	11.3
130	20.7	15.8	23.8

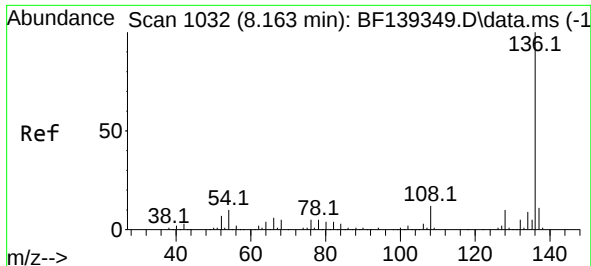


#20
3+4-Methylphenols
Concen: 46.684 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion: 107 Resp: 210538

Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.6	108.6
77	145.7	101.6	141.6#
79	36.4	16.3	56.3

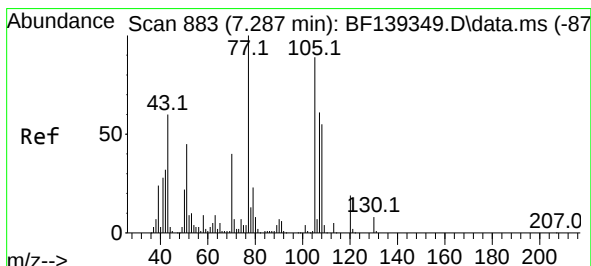
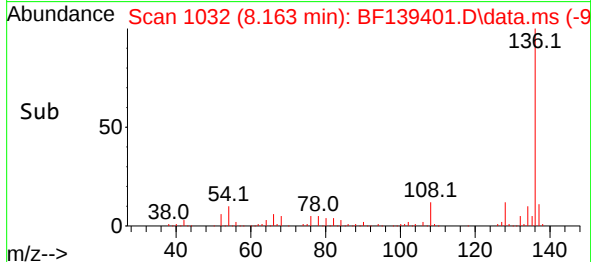
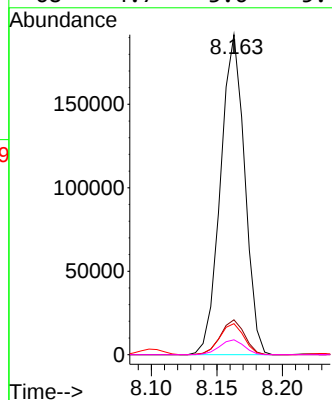
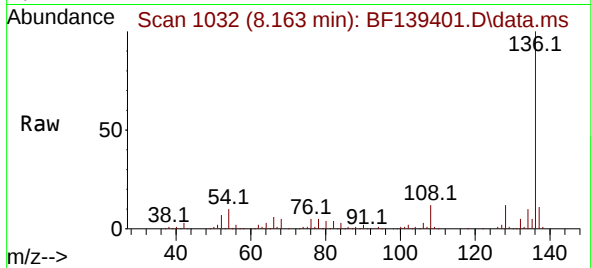




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

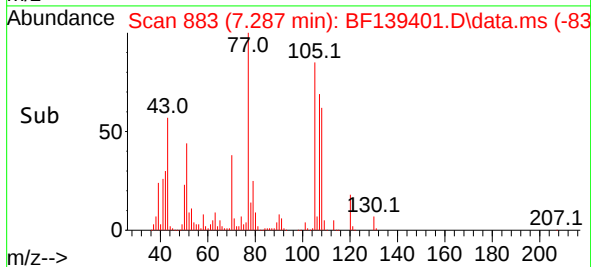
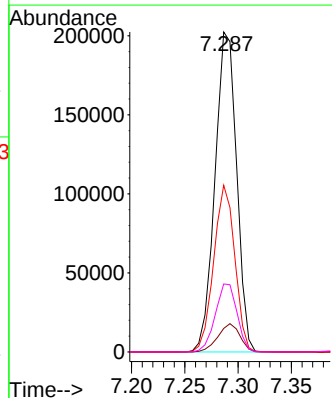
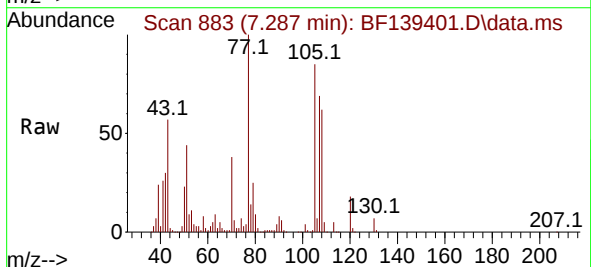
Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion:	136	Resp:	245326
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	9.7	7.8	11.8
68	4.7	3.6	5.4



#22
Acetophenone
Concen: 44.597 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:	105	Resp:	286026
Ion Ratio	Lower	Upper	
105	100		
71	7.3	5.9	8.9
51	52.1	40.0	60.0
120	21.3	17.1	25.7





#23

Nitrobenzene-d5

Concen: 56.148 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

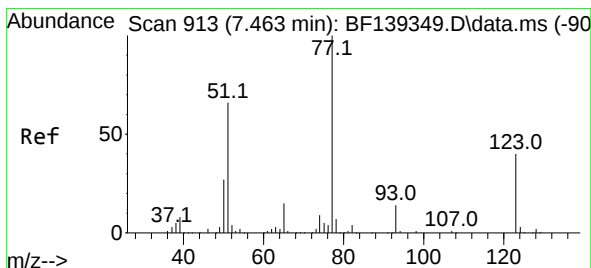
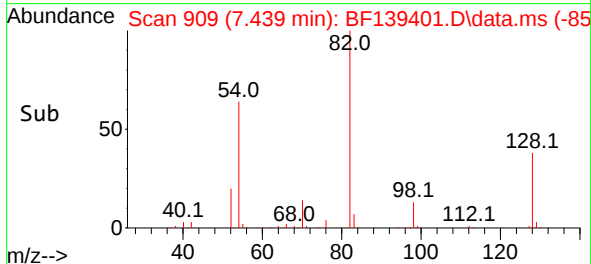
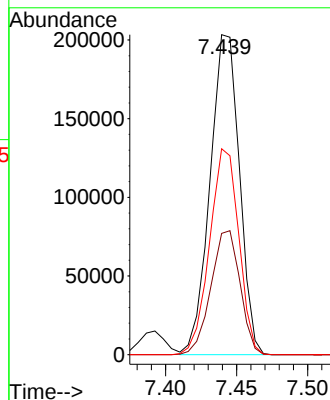
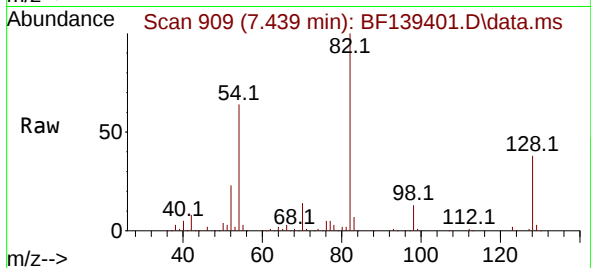
Tgt Ion: 82 Resp: 293005

Ion Ratio Lower Upper

82 100

128 37.9 31.8 47.6

54 64.3 50.6 75.8



#24

Nitrobenzene

Concen: 43.580 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

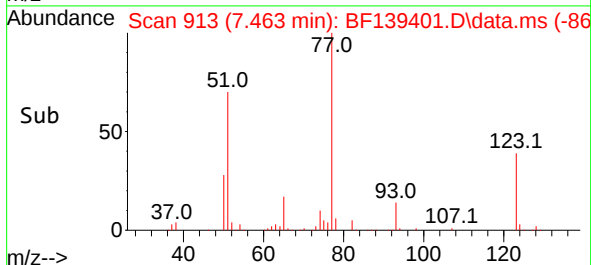
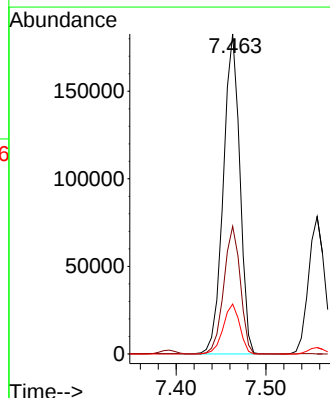
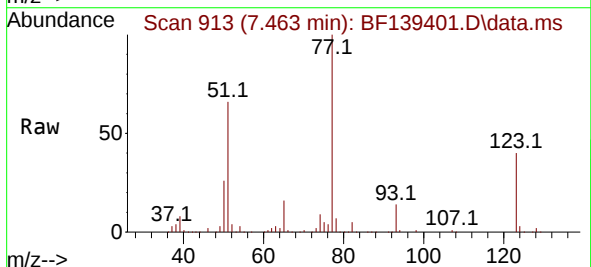
Tgt Ion: 77 Resp: 234062

Ion Ratio Lower Upper

77 100

123 39.9 32.2 48.4

65 15.6 12.2 18.4

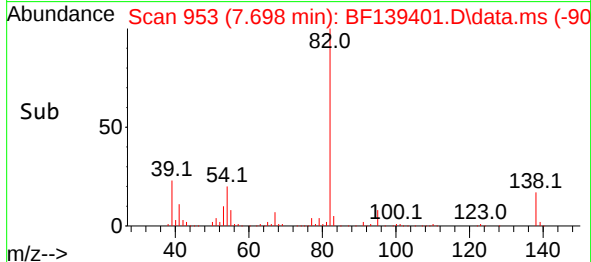
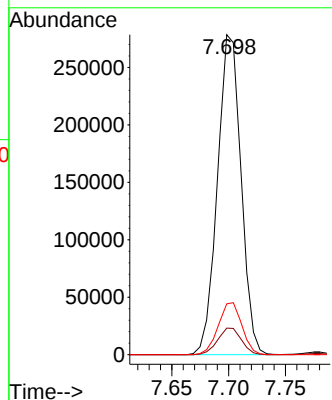
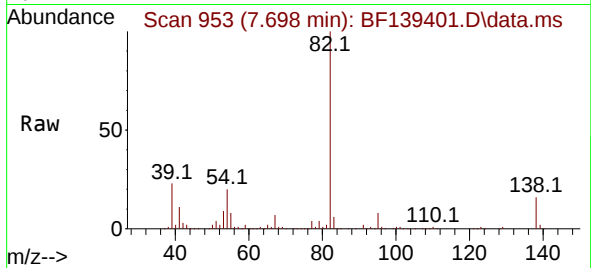




#25
Isophorone
Concen: 48.834 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

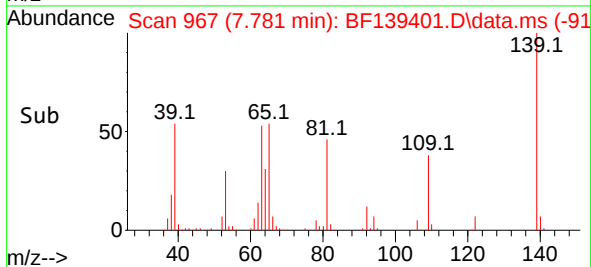
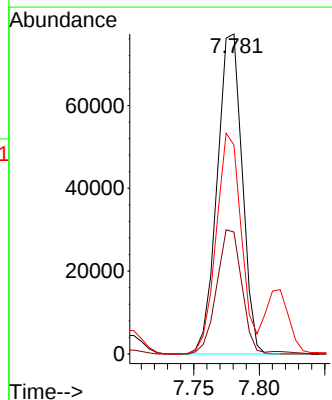
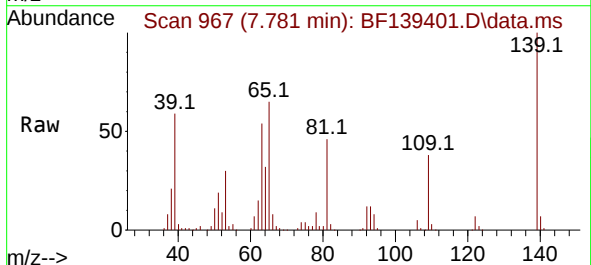
Instrument :
BNA_F
ClientSampleId :
TP-7MS

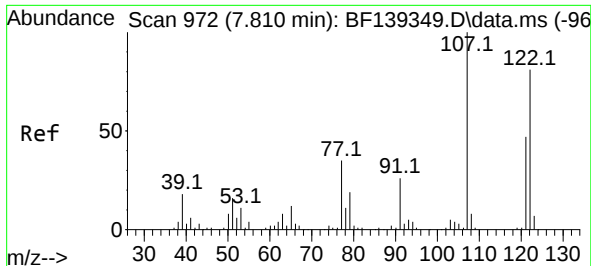
Tgt Ion: 82 Resp: 403023
Ion Ratio Lower Upper
82 100
95 8.3 6.7 10.1
138 15.9 13.3 19.9



#26
2-Nitrophenol
Concen: 48.885 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:139 Resp: 102290
Ion Ratio Lower Upper
139 100
109 38.1 32.2 48.2
65 65.3 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 57.152 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

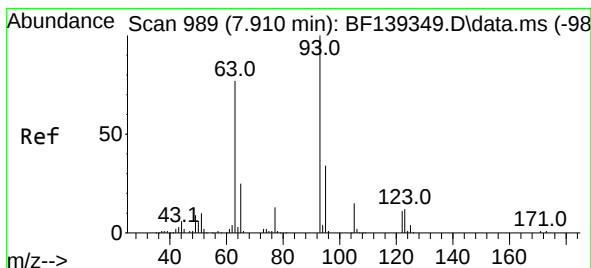
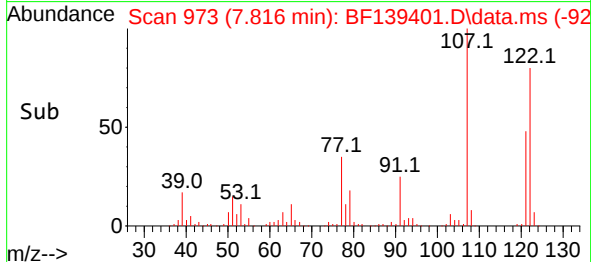
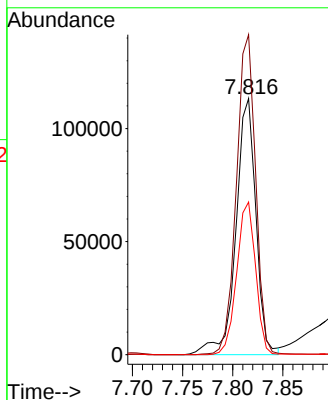
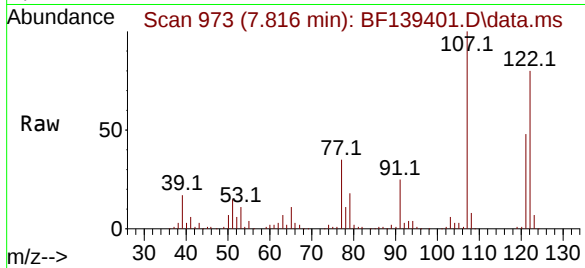
Tgt Ion:122 Resp: 157747

Ion Ratio Lower Upper

122 100

107 124.9 99.1 148.7

121 59.6 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.460 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

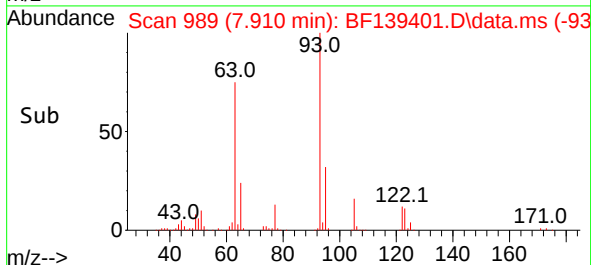
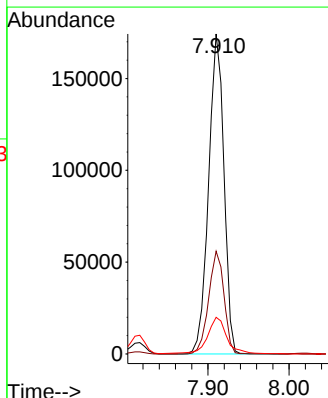
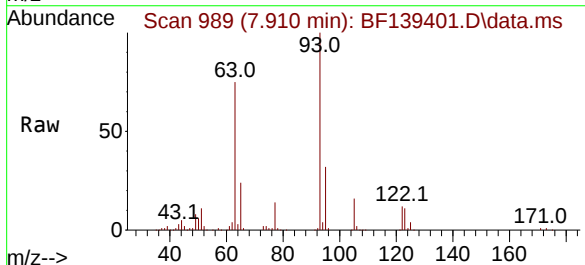
Tgt Ion: 93 Resp: 227938

Ion Ratio Lower Upper

93 100

95 32.1 26.9 40.3

123 11.5 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 46.647 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

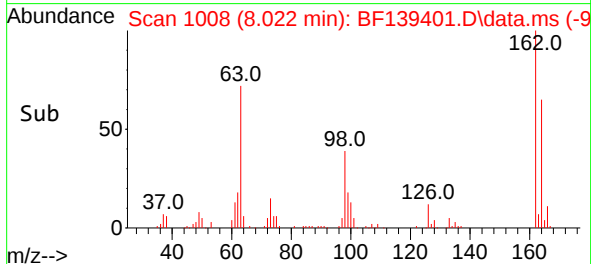
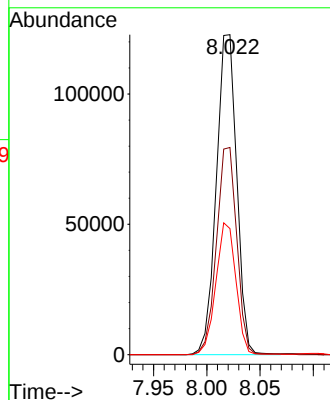
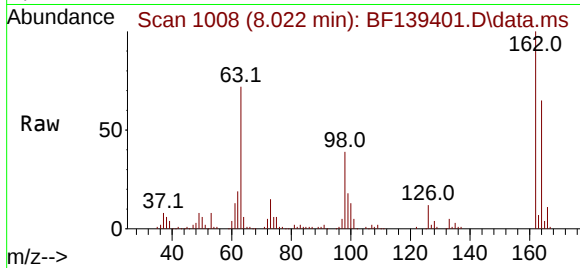
Tgt Ion:162 Resp: 163566

Ion Ratio Lower Upper

162 100

164 64.7 43.6 83.6

98 39.4 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 42.706 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

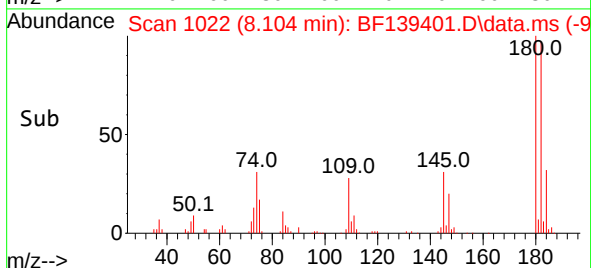
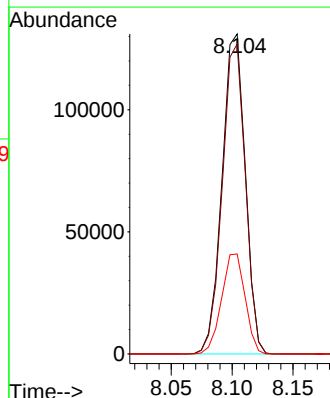
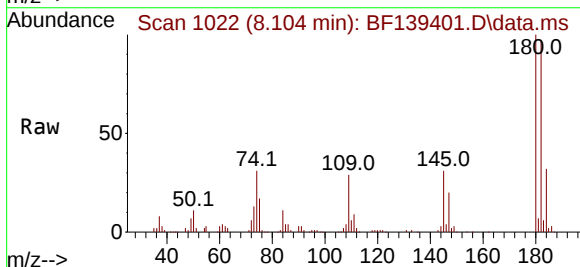
Tgt Ion:180 Resp: 174480

Ion Ratio Lower Upper

180 100

182 96.9 75.7 113.5

145 31.3 26.5 39.7

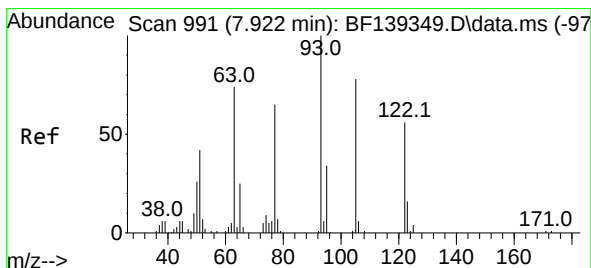
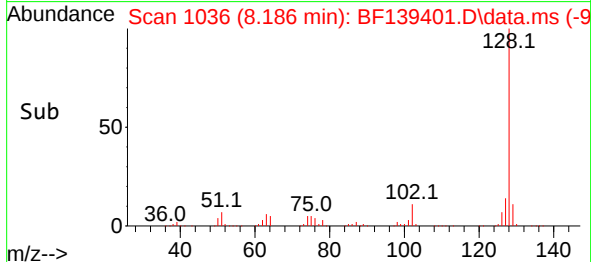
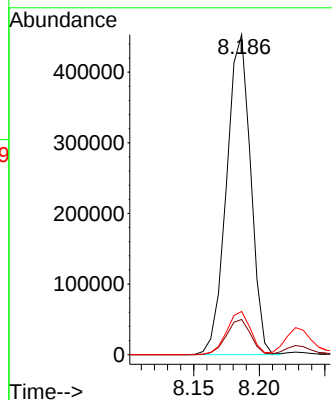
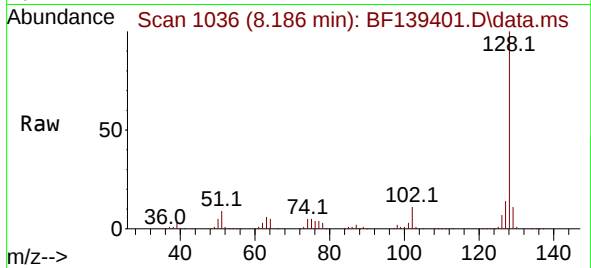




#31
Naphthalene
Concen: 45.099 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

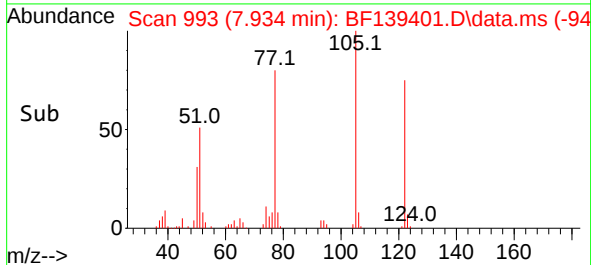
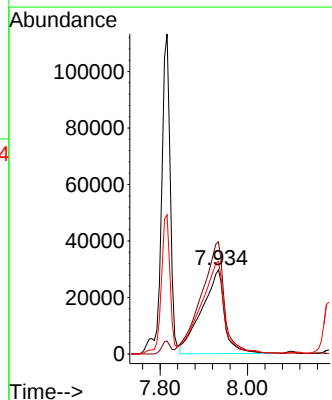
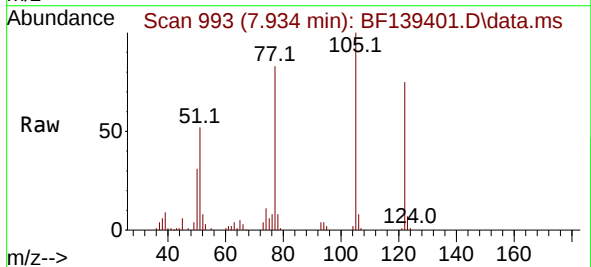
Instrument :
BNA_F
ClientSampleId :
TP-7MS

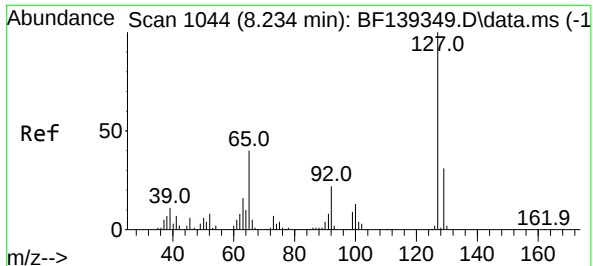
Tgt Ion:128 Resp: 577603
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 41.672 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:122 Resp: 107640
Ion Ratio Lower Upper
122 100
105 133.4 117.1 157.1
77 110.0 95.4 135.4

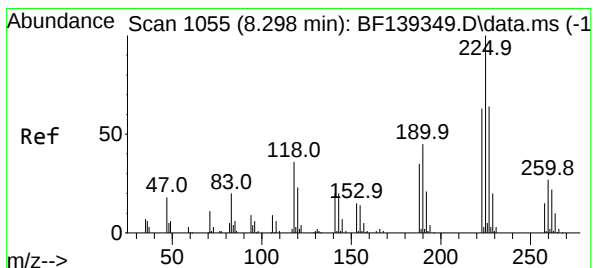
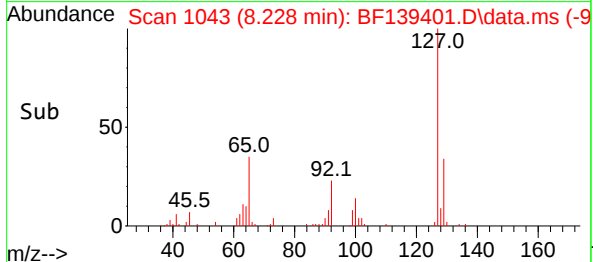
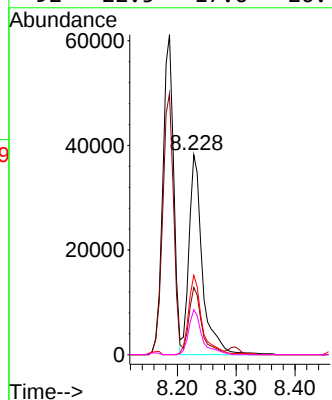
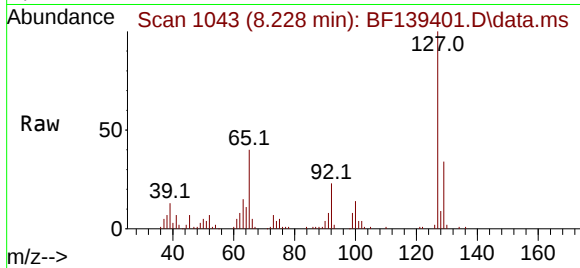




#33
4-Chloroaniline
Concen: 15.621 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

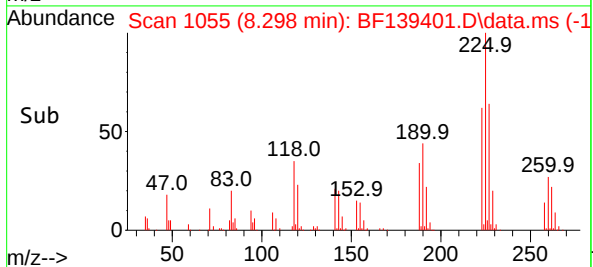
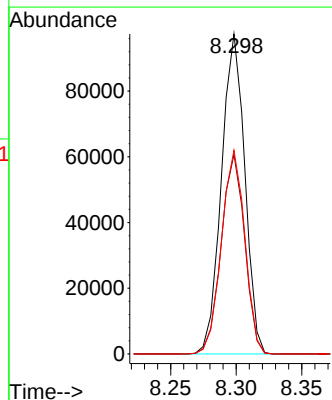
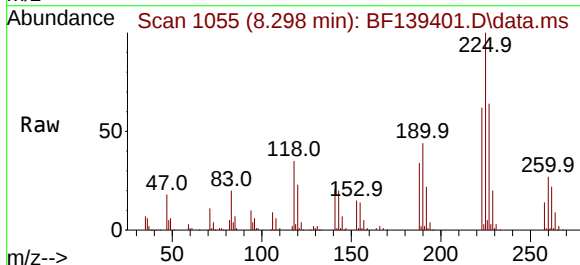
Instrument :
BNA_F
ClientSampleId :
TP-7MS

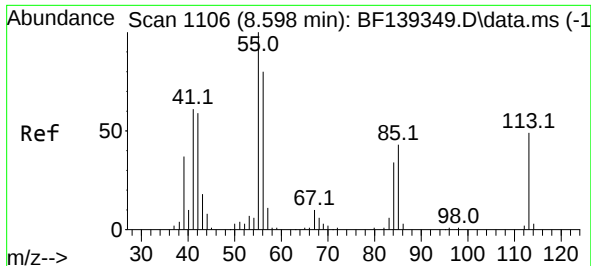
Tgt Ion:	127	Resp:	61205
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.5	38.3
65	39.7	31.5	47.3
92	22.5	17.6	26.4



#34
Hexachlorobutadiene
Concen: 43.355 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:	225	Resp:	120340
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.1	75.1
227	63.7	51.0	76.6

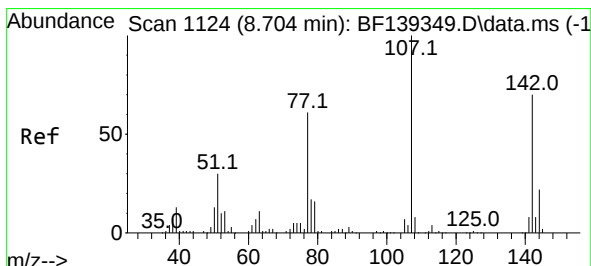
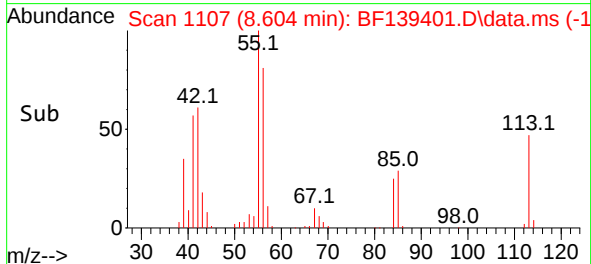
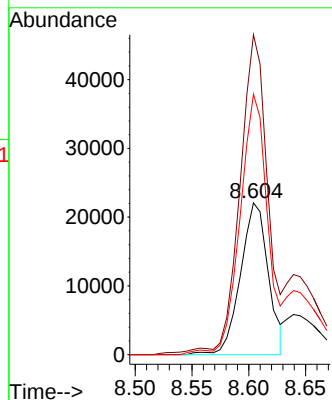
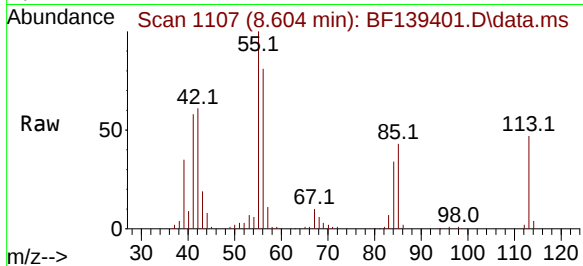




#35
 Caprolactam
 Concen: 34.770 ng
 RT: 8.604 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF139401.D
 Acq: 17 Sep 2024 14:45

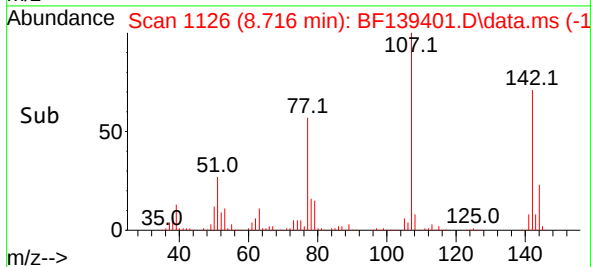
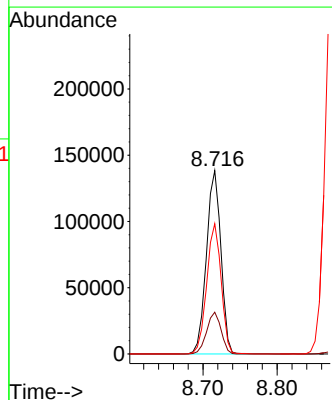
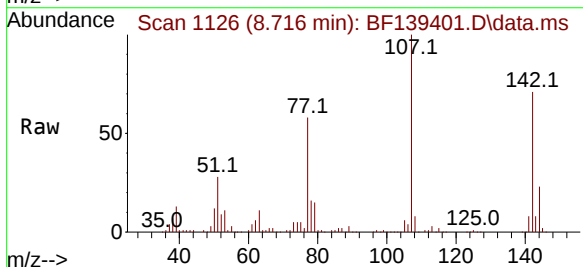
Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

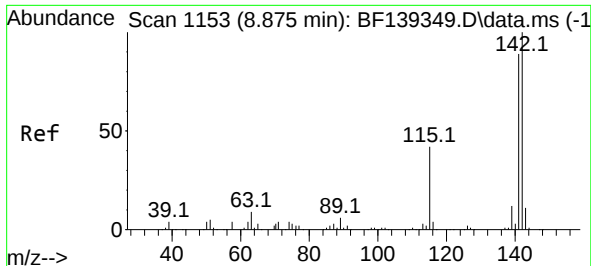
Tgt Ion:113 Resp: 37504
 Ion Ratio Lower Upper
 113 100
 55 210.8 186.1 226.1
 56 171.6 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 46.957 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF139401.D
 Acq: 17 Sep 2024 14:45

Tgt Ion:107 Resp: 188174
 Ion Ratio Lower Upper
 107 100
 144 22.8 17.5 26.3
 142 71.0 55.8 83.8





#37

2-Methylnaphthalene

Concen: 46.776 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

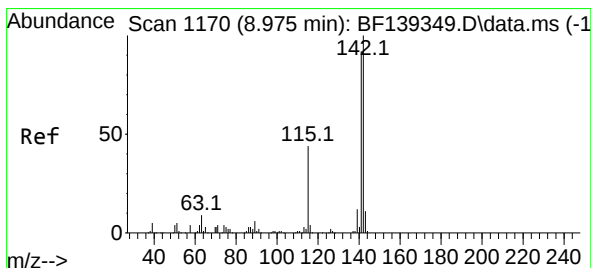
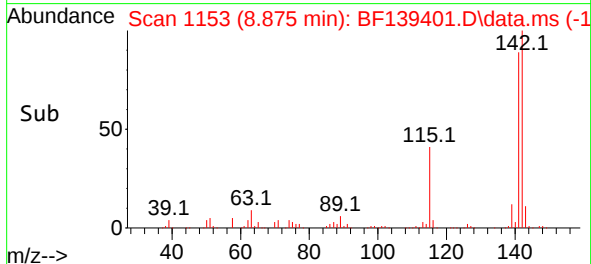
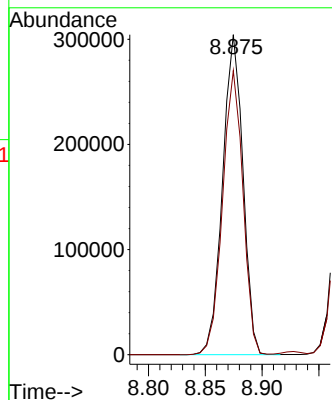
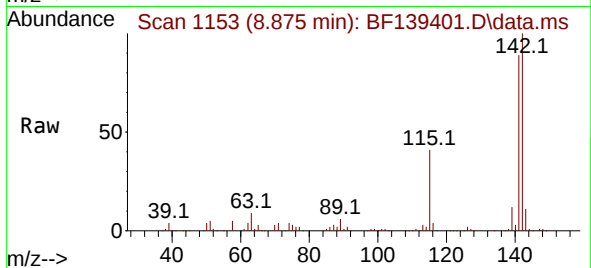
TP-7MS

Tgt Ion:142 Resp: 380257

Ion Ratio Lower Upper

142 100

141 88.8 71.6 107.4



#38

1-Methylnaphthalene

Concen: 44.309 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139401.D

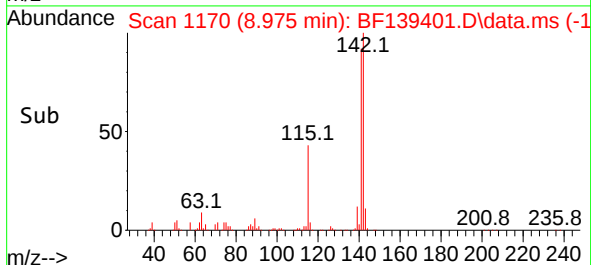
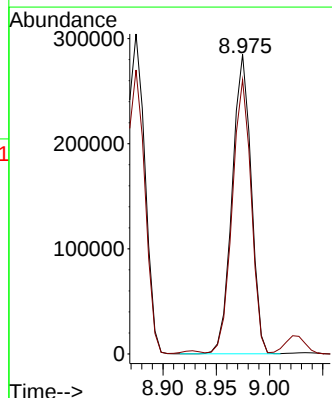
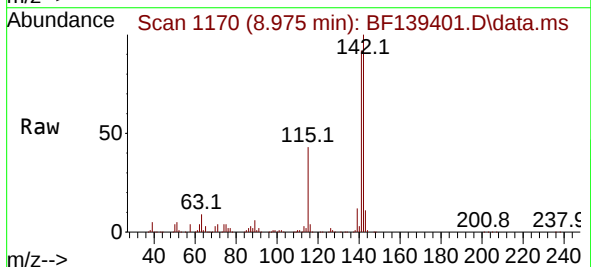
Acq: 17 Sep 2024 14:45

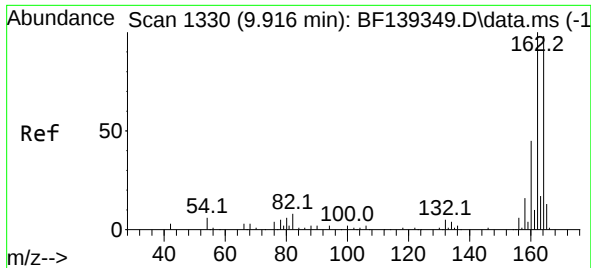
Tgt Ion:142 Resp: 353632

Ion Ratio Lower Upper

142 100

141 91.5 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

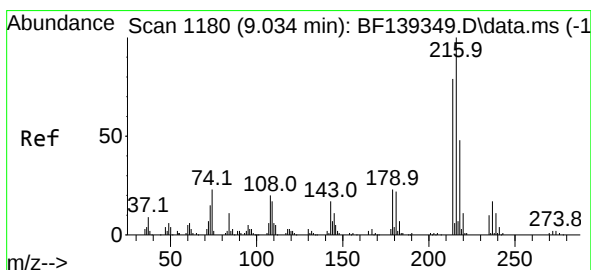
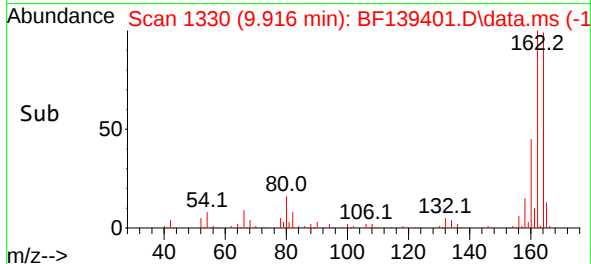
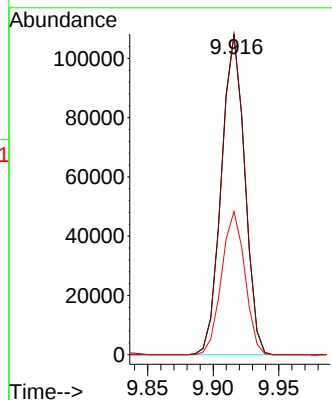
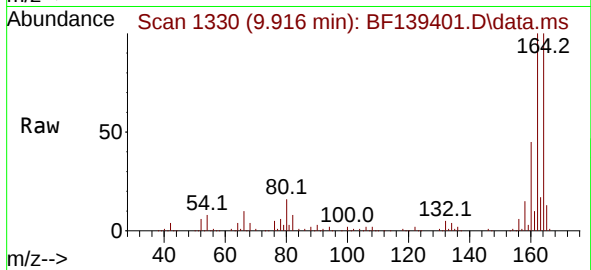
Tgt Ion:164 Resp: 133612

Ion Ratio Lower Upper

164 100

162 99.8 81.3 121.9

160 44.7 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.145 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Tgt Ion:216 Resp: 182728

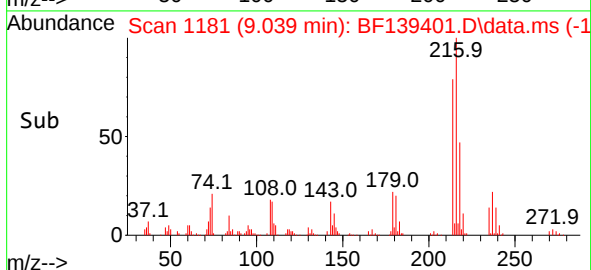
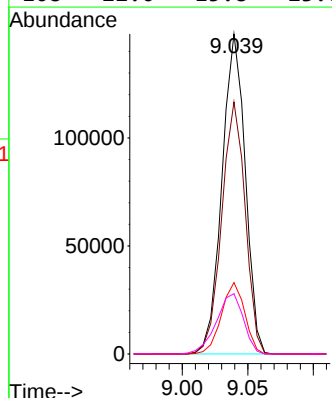
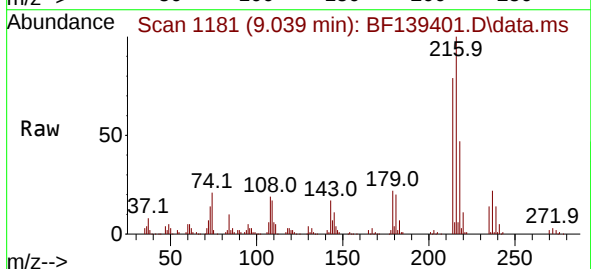
Ion Ratio Lower Upper

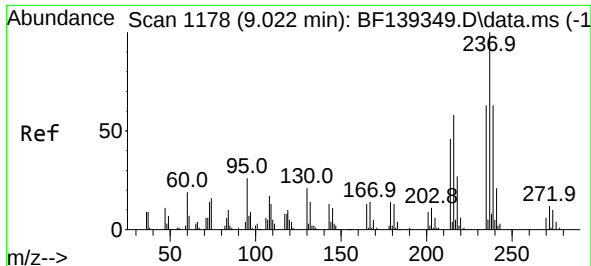
216 100

214 79.1 63.4 95.0

179 22.4 18.2 27.2

108 22.0 15.8 23.6

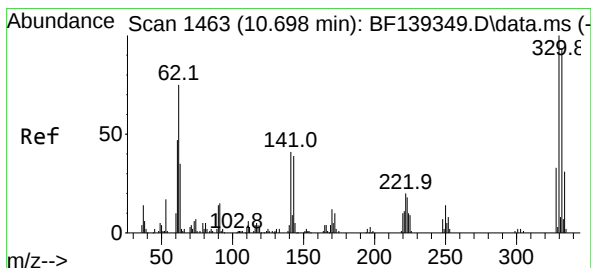
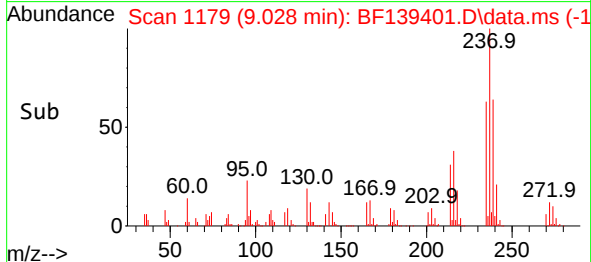
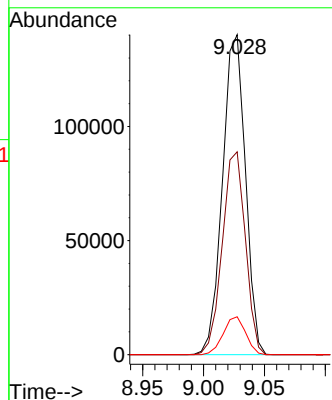
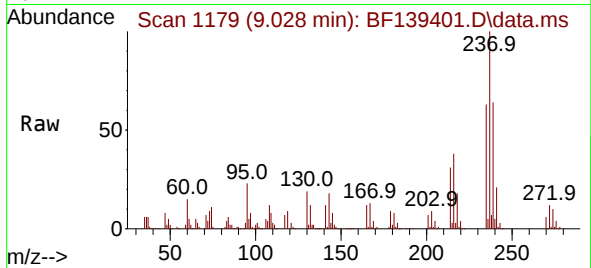




#41
Hexachlorocyclopentadiene
Concen: 132.846 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

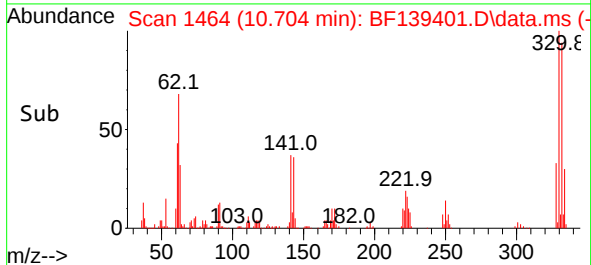
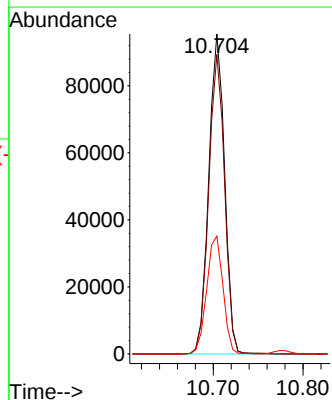
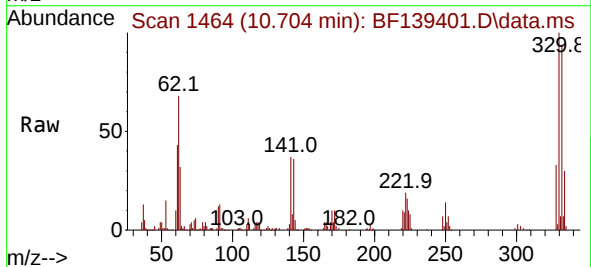
Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion:237 Resp: 183674
Ion Ratio Lower Upper
237 100
235 63.4 42.7 82.7
272 11.8 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 82.241 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:330 Resp: 116984
Ion Ratio Lower Upper
330 100
332 93.5 75.2 112.8
141 38.1 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 49.322 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

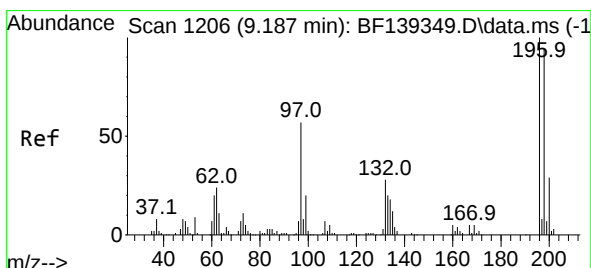
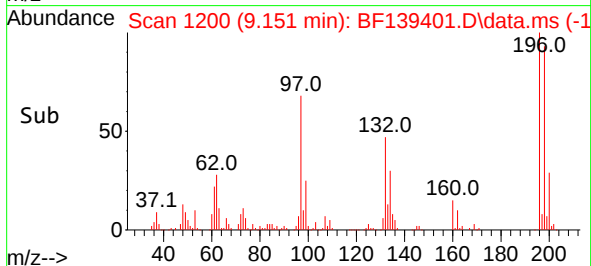
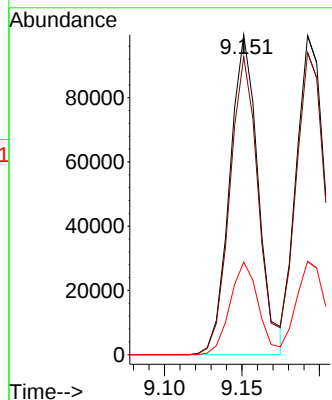
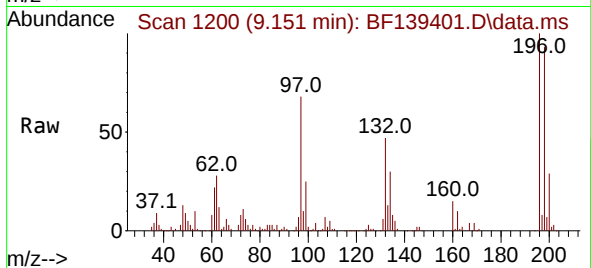
Tgt Ion:196 Resp: 127066

Ion Ratio Lower Upper

196 100

198 93.1 75.8 113.6

200 29.0 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 45.736 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Tgt Ion:196 Resp: 124290

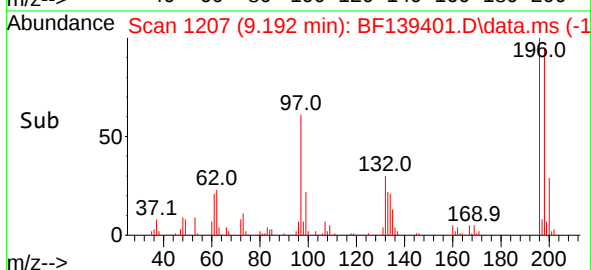
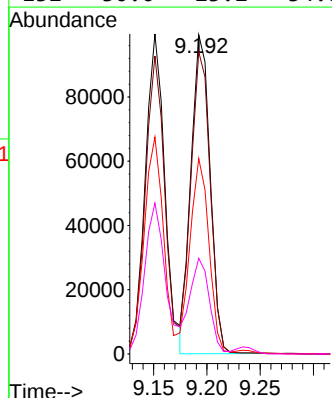
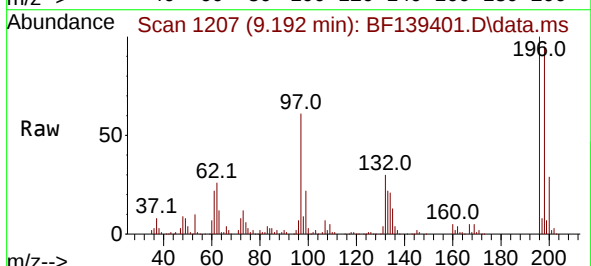
Ion Ratio Lower Upper

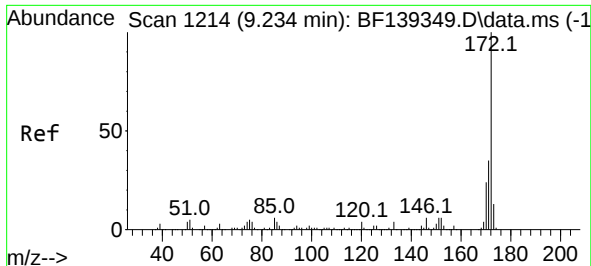
196 100

198 94.7 74.8 112.2

97 61.2 47.3 70.9

132 30.0 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 58.858 ng

RT: 9.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

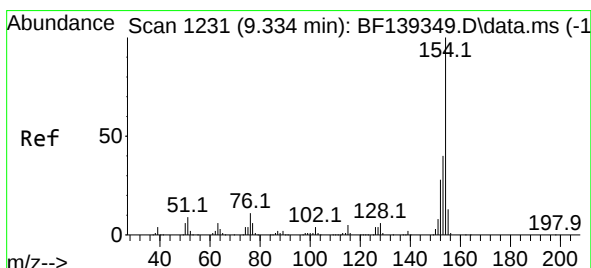
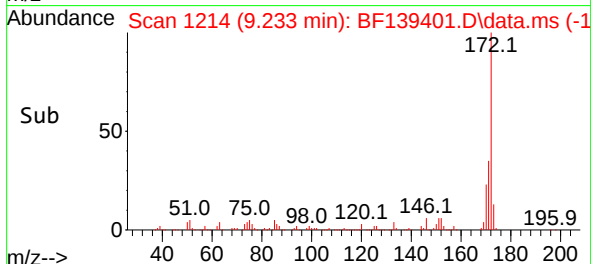
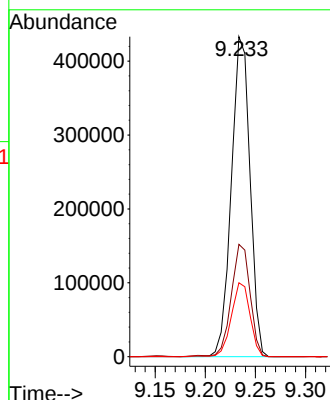
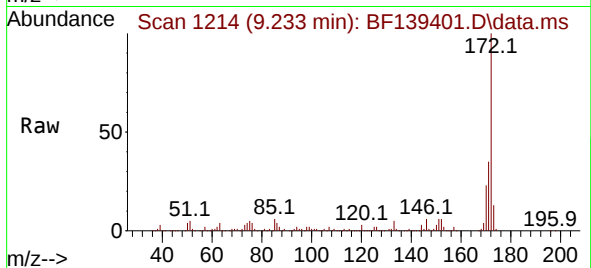
Tgt Ion:172 Resp: 560717

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 46.021 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

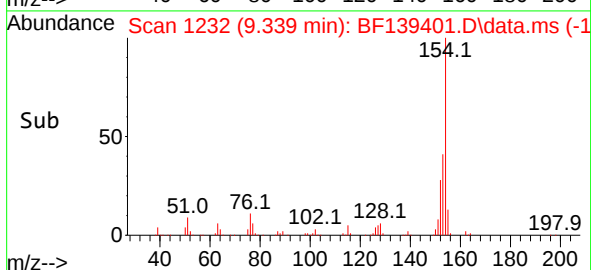
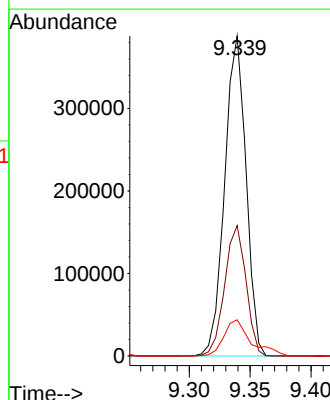
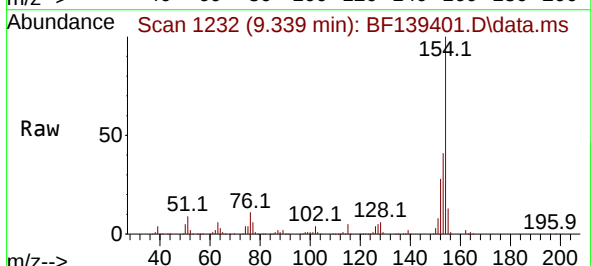
Tgt Ion:154 Resp: 473057

Ion Ratio Lower Upper

154 100

153 40.8 20.1 60.1

76 11.3 0.0 31.1

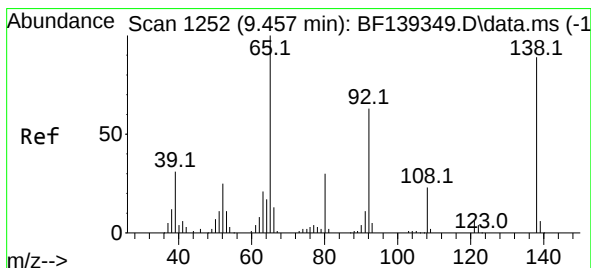
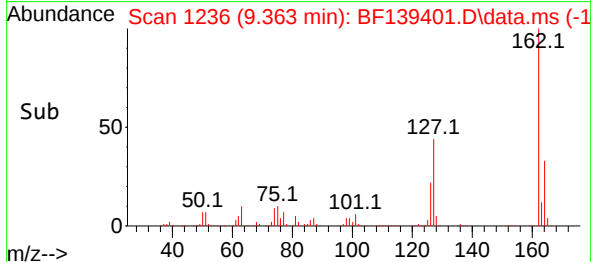
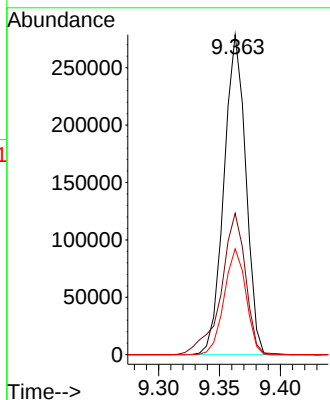
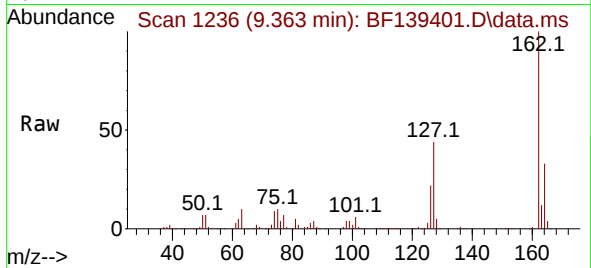




#47
2-Chloronaphthalene
Concen: 45.234 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

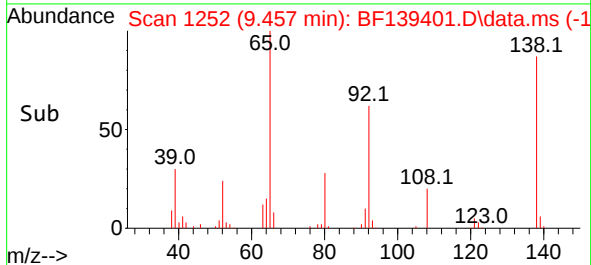
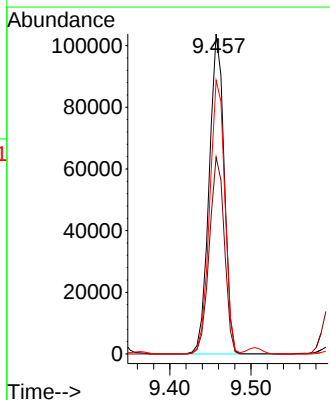
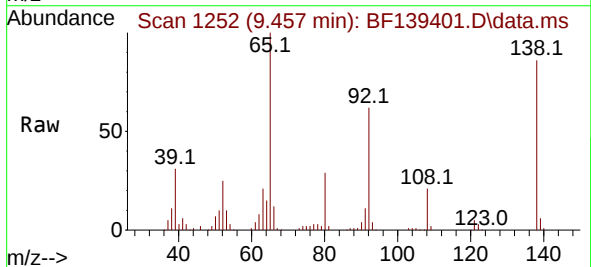
Instrument :
BNA_F
ClientSampleId :
TP-7MS

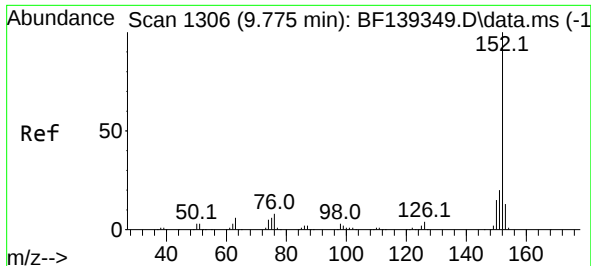
Tgt Ion:162 Resp: 347657
Ion Ratio Lower Upper
162 100
127 44.2 35.0 52.4
164 33.1 25.8 38.6



#48
2-Nitroaniline
Concen: 46.800 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion: 65 Resp: 133786
Ion Ratio Lower Upper
65 100
92 61.6 50.3 75.5
138 85.5 71.3 106.9





#49

Acenaphthylene

Concen: 49.022 ng

RT: 9.780 min Scan# 1

Delta R.T. 0.005 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

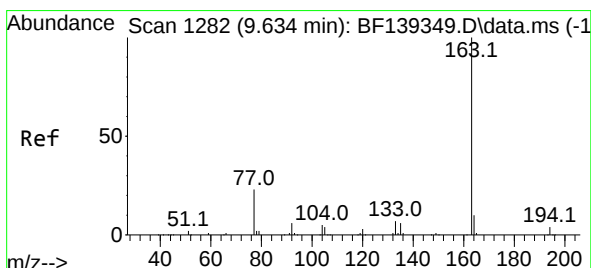
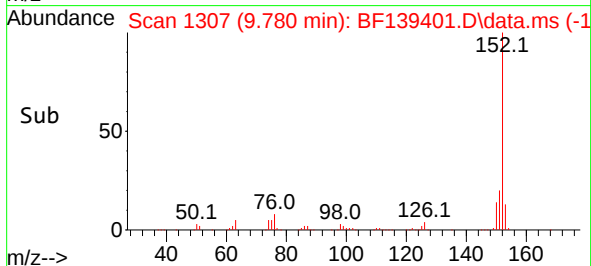
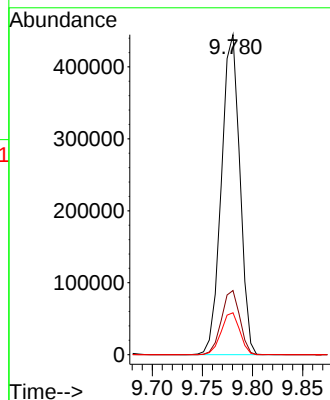
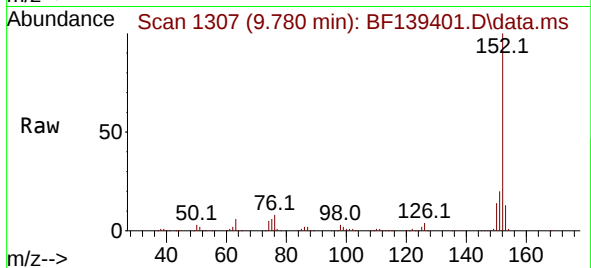
Tgt Ion:152 Resp: 567152

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 47.995 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

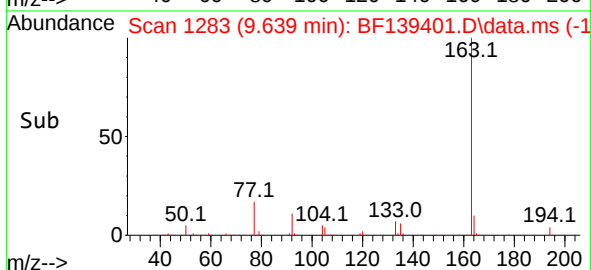
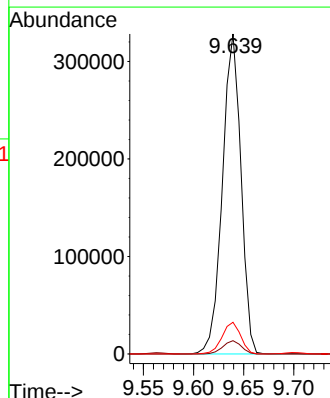
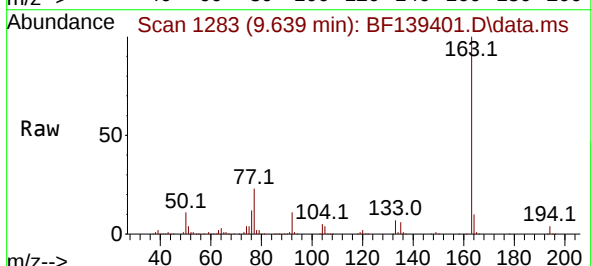
Tgt Ion:163 Resp: 420890

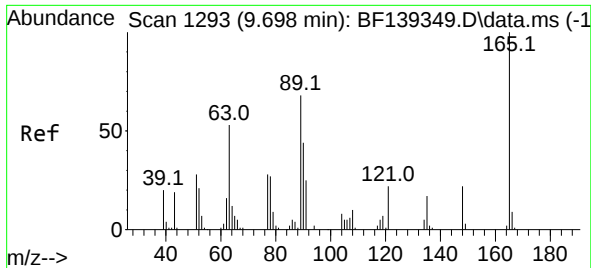
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 9.9 8.2 12.2

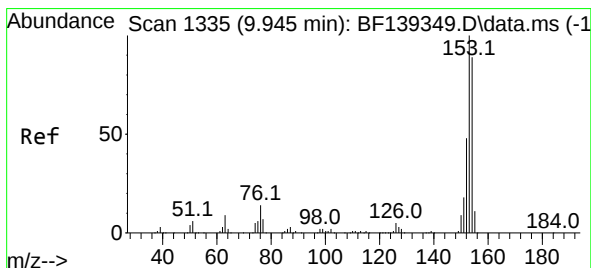
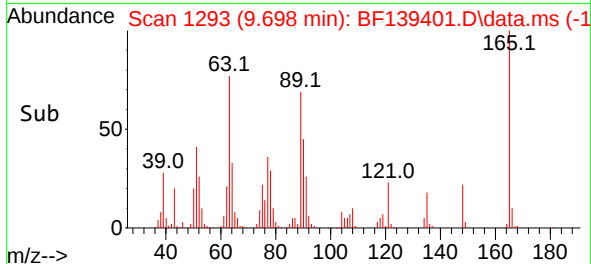
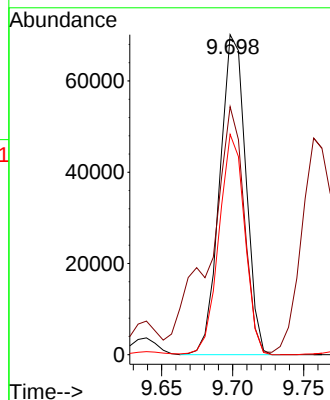
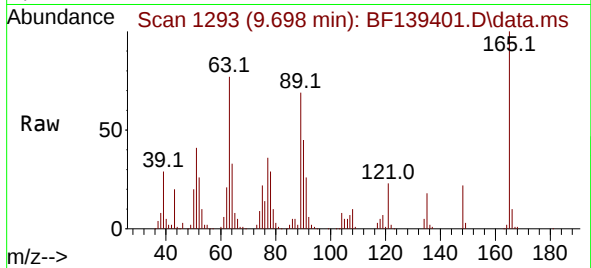




#51
2,6-Dinitrotoluene
Concen: 45.894 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

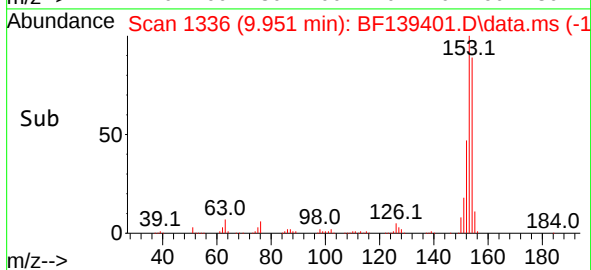
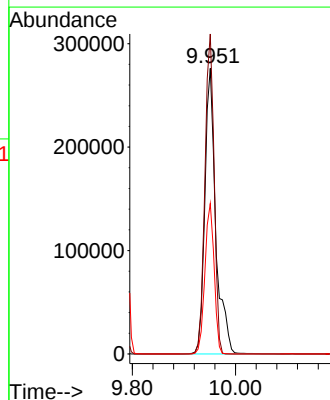
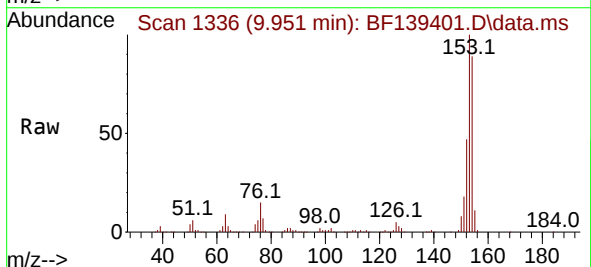
Instrument :
BNA_F
ClientSampleId :
TP-7MS

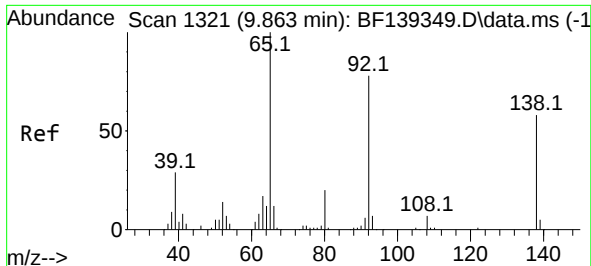
Tgt Ion:165	Resp:	89160
Ion Ratio	Lower	Upper
165	100	
63	77.5	60.9 91.3
89	68.9	54.7 82.1



#52
Acenaphthene
Concen: 50.584 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:154	Resp:	408441
Ion Ratio	Lower	Upper
154	100	
153	112.0	89.5 134.3
152	52.6	42.6 64.0

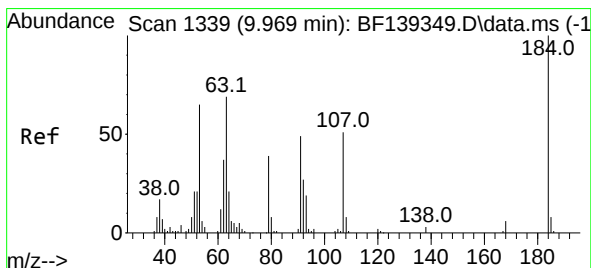
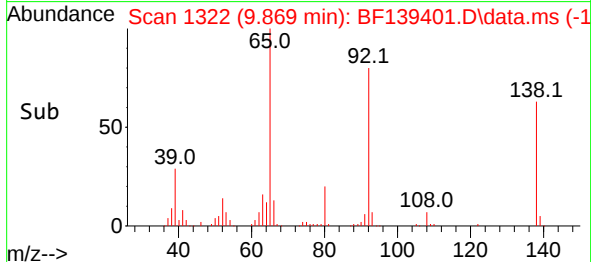
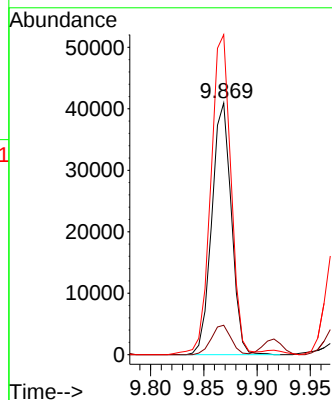
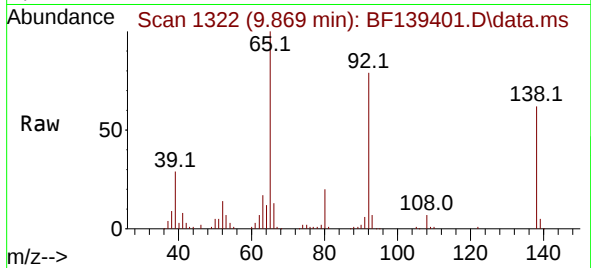




#53
3-Nitroaniline
Concen: 26.915 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

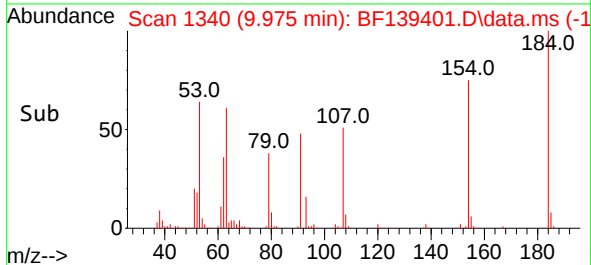
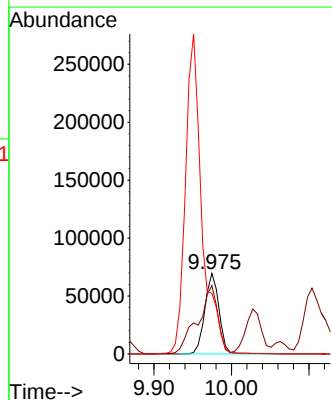
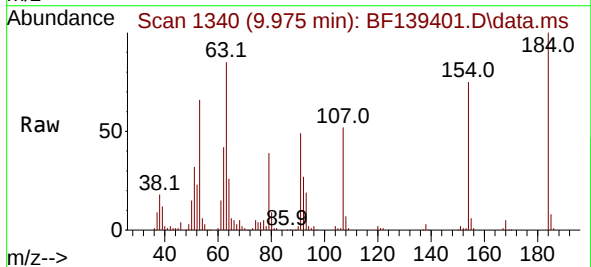
Instrument :
BNA_F
ClientSampleId :
TP-7MS

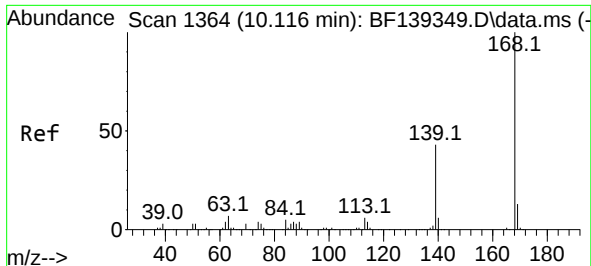
Tgt Ion:138 Resp: 52257
Ion Ratio Lower Upper
138 100
108 11.7 9.8 14.8
92 127.1 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 82.119 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:184 Resp: 88896
Ion Ratio Lower Upper
184 100
63 85.1 69.3 103.9
154 75.4 67.5 101.3

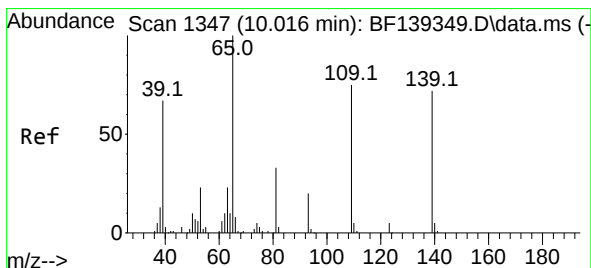
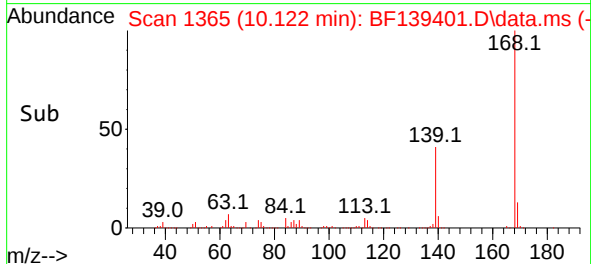
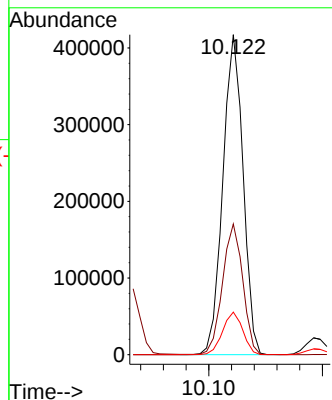
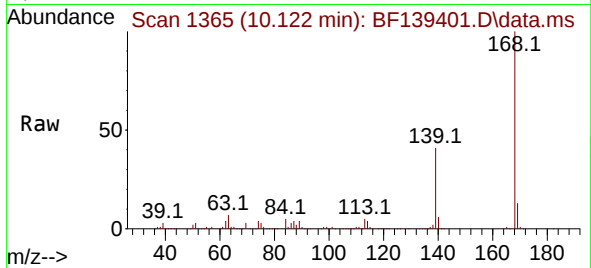




#55
Dibenzenofuran
Concen: 45.755 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

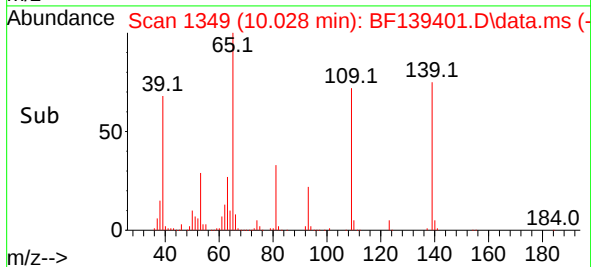
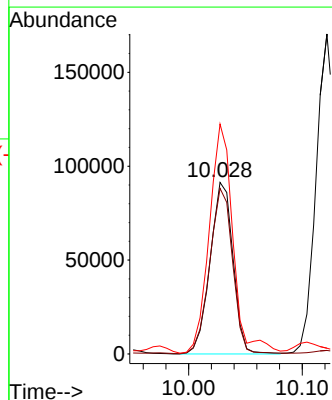
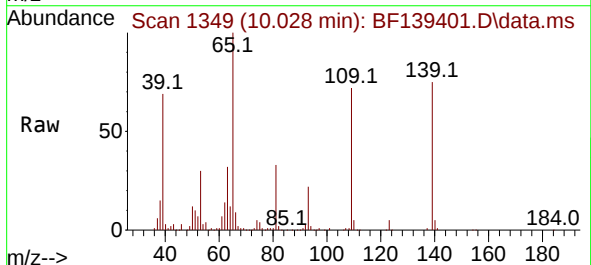
Instrument :
BNA_F
ClientSampleId :
TP-7MS

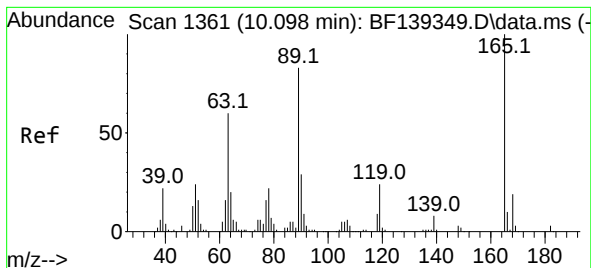
Tgt Ion:168 Resp: 514943
Ion Ratio Lower Upper
168 100
139 40.8 34.1 51.1
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 79.875 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:139 Resp: 128321
Ion Ratio Lower Upper
139 100
109 96.5 84.1 124.1
65 134.0 120.0 160.0

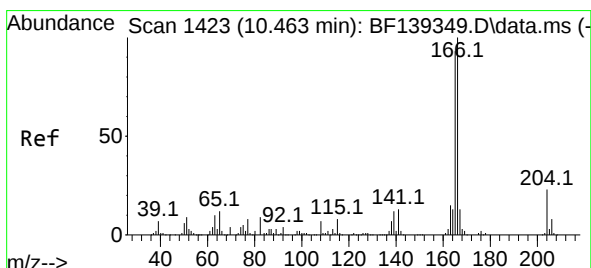
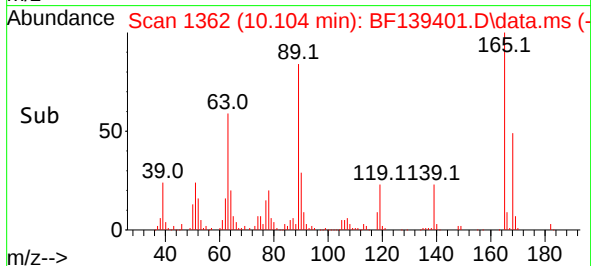
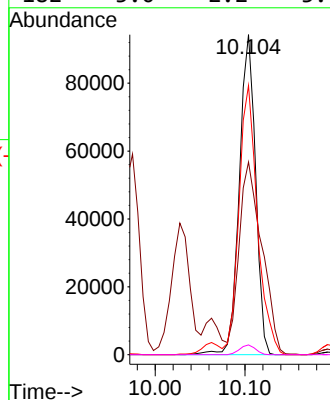
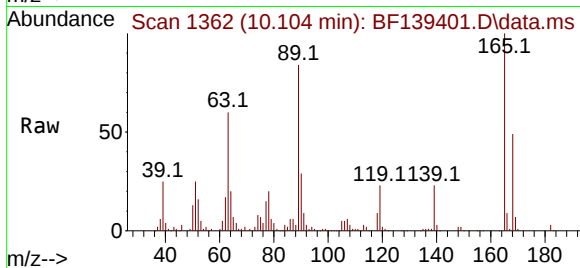




#57
2,4-Dinitrotoluene
Concen: 45.225 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

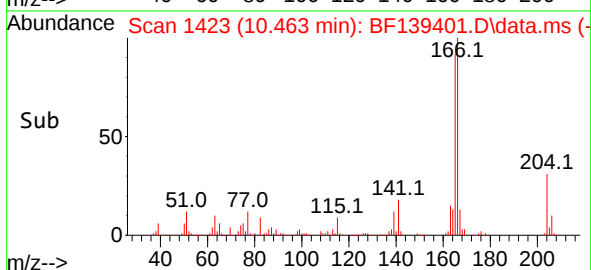
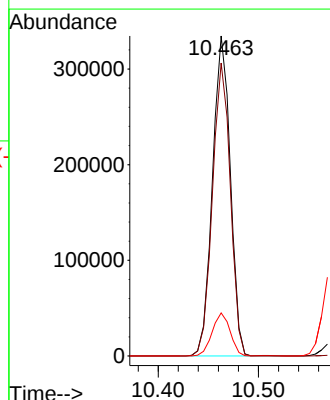
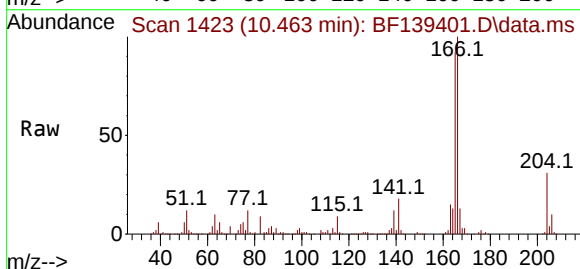
Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion:165 Resp: 118617
Ion Ratio Lower Upper
165 100
63 60.2 47.8 71.6
89 84.1 66.7 100.1
182 3.0 2.2 3.4



#58
Fluorene
Concen: 44.916 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:166 Resp: 412444
Ion Ratio Lower Upper
166 100
165 91.6 74.5 111.7
167 13.4 10.6 16.0

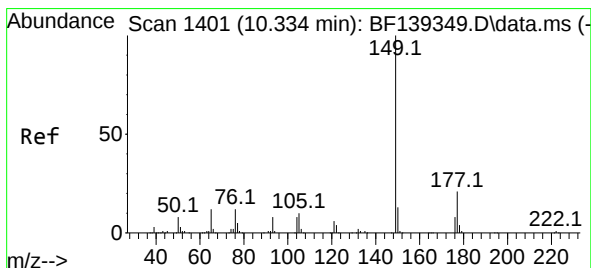
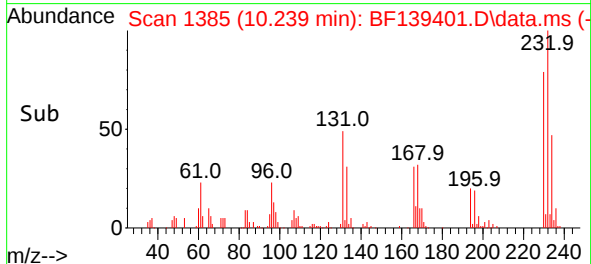
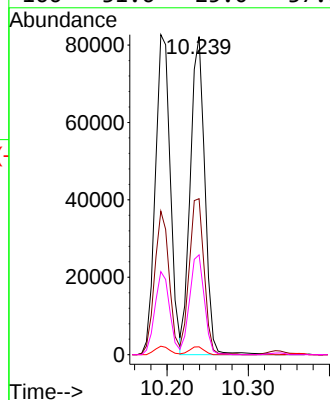
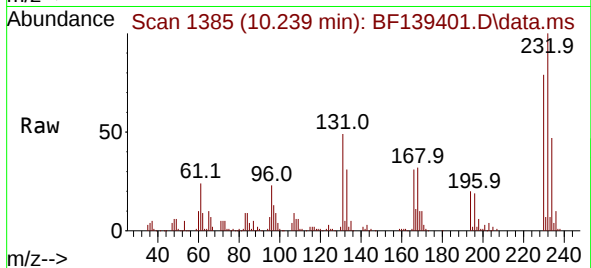




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.690 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

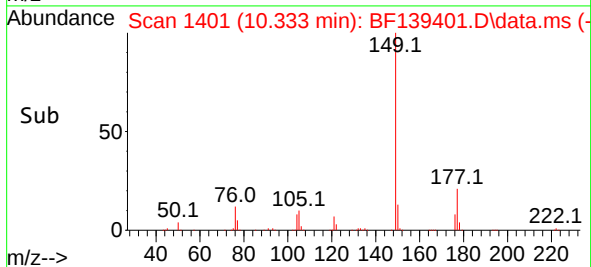
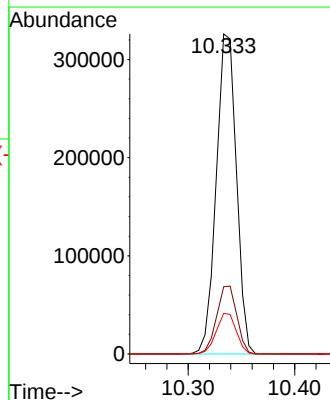
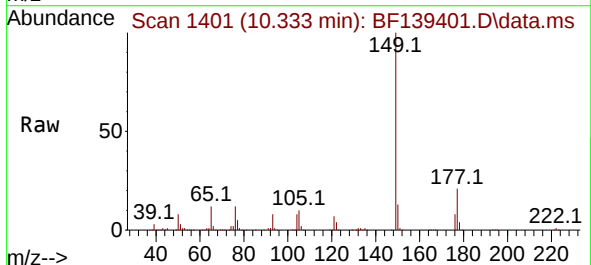
Instrument :
BNA_F
ClientSampleId :
TP-7MS

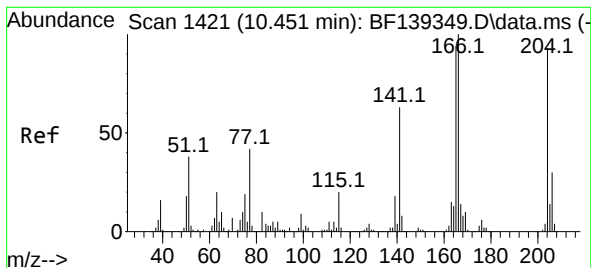
Tgt Ion:232 Resp: 102710
Ion Ratio Lower Upper
232 100
131 50.0 40.7 61.1
130 2.5 2.2 3.2
166 31.6 25.0 37.6



#60
Diethylphthalate
Concen: 47.262 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:149 Resp: 427712
Ion Ratio Lower Upper
149 100
177 21.0 16.6 24.8
150 12.7 10.6 15.8

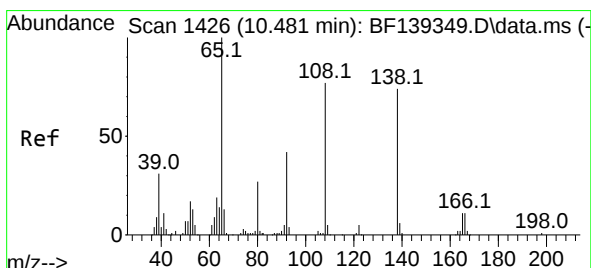
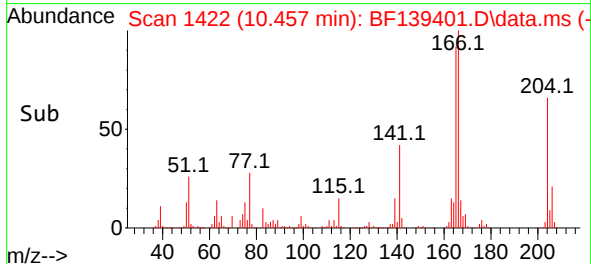
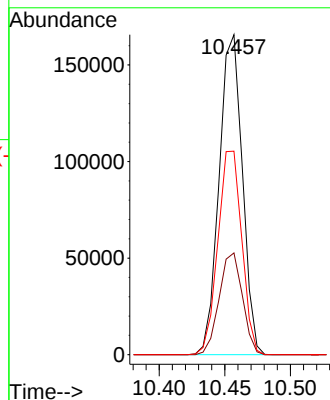
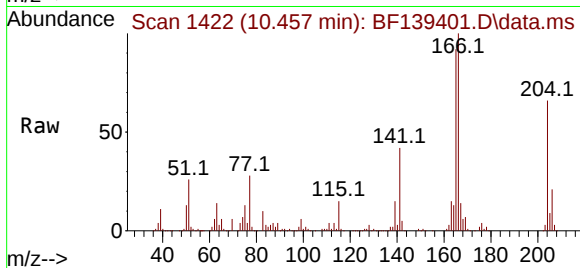




#61
4-Chlorophenyl-phenylether
Concen: 45.729 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

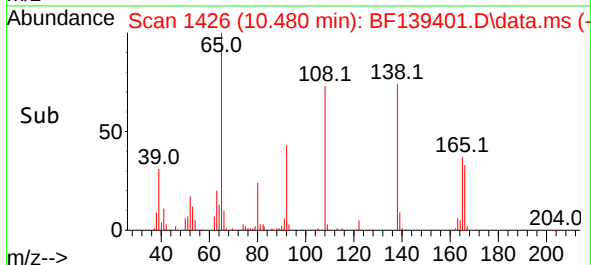
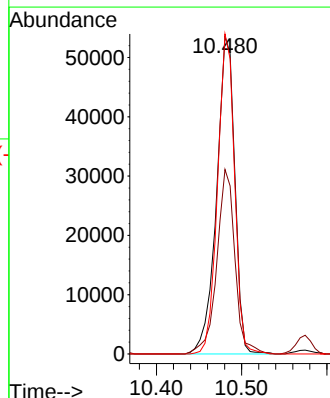
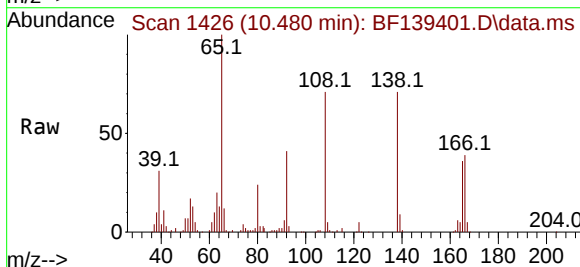
Instrument :
BNA_F
ClientSampleId :
TP-7MS

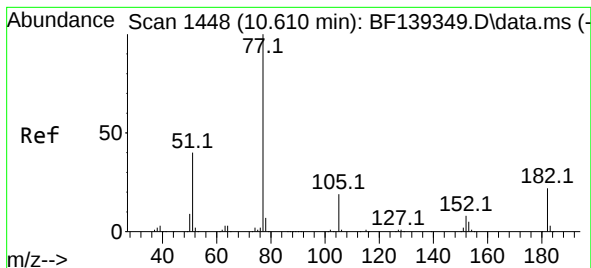
Tgt Ion:204 Resp: 204072
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.2
141 63.6 53.9 80.9



#62
4-Nitroaniline
Concen: 37.554 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:138 Resp: 79576
Ion Ratio Lower Upper
138 100
92 58.1 37.0 77.0
108 100.7 84.4 124.4





#63

Azobenzene

Concen: 50.616 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

Tgt Ion: 77 Resp: 450528

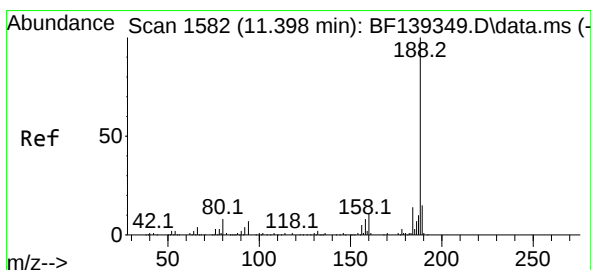
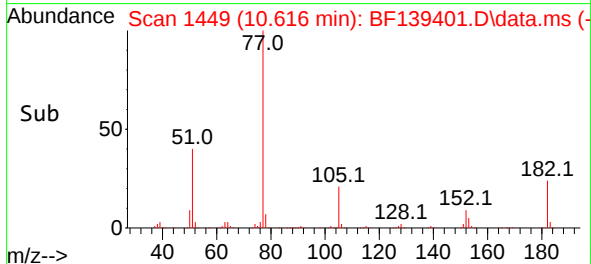
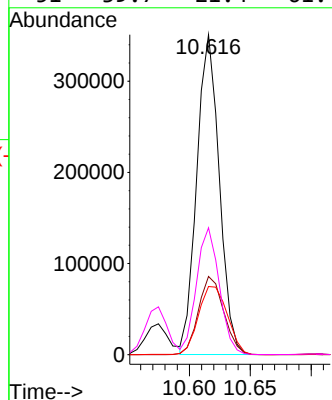
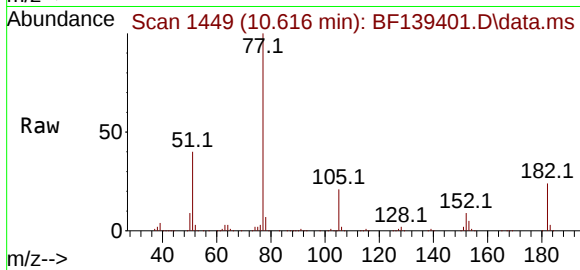
Ion Ratio Lower Upper

77 100

182 24.4 1.8 41.8

105 21.3 0.0 38.6

51 39.7 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

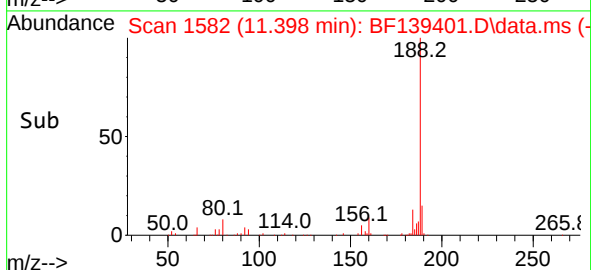
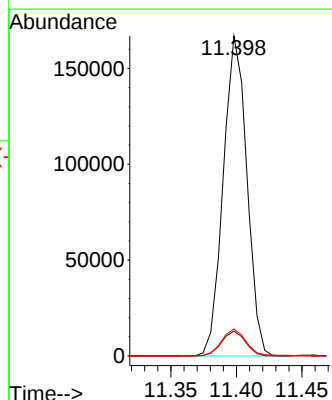
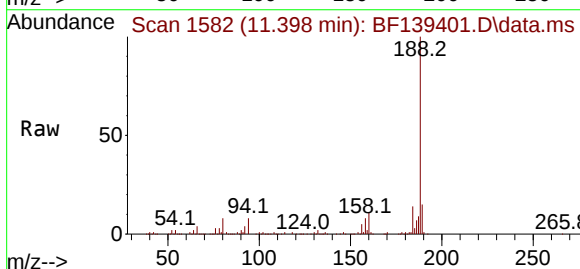
Tgt Ion:188 Resp: 209074

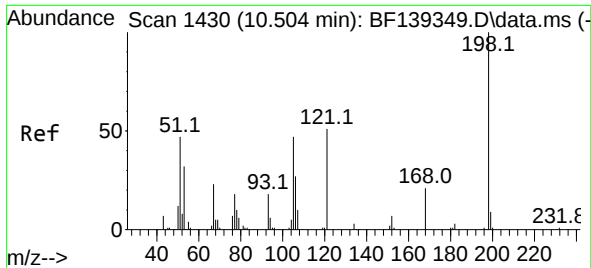
Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 8.4 6.6 9.8

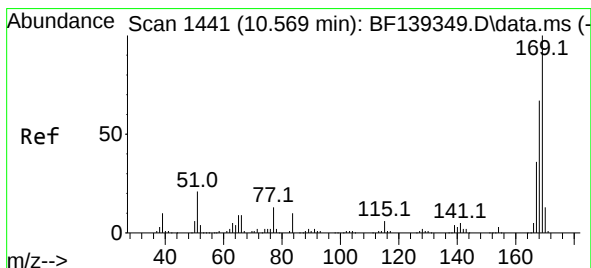
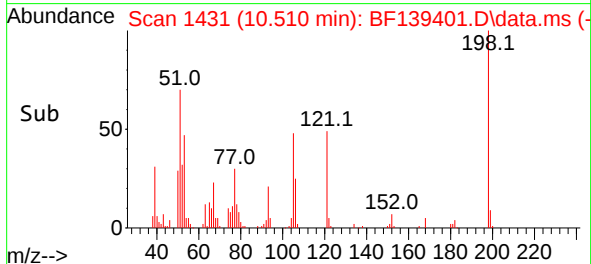
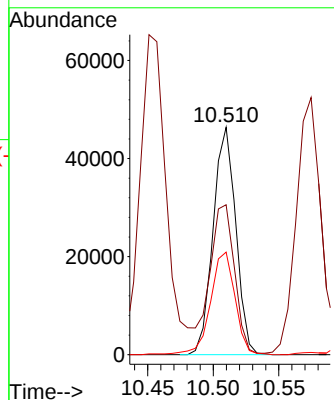
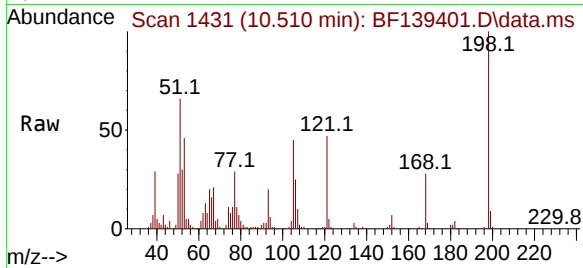




#65
4,6-Dinitro-2-methylphenol
Concen: 50.497 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

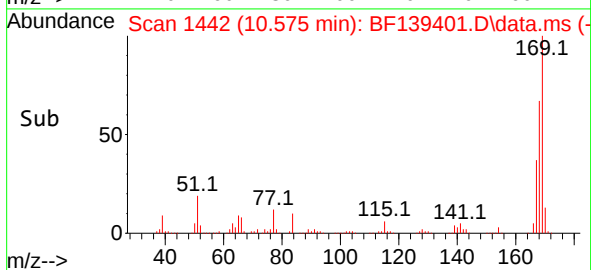
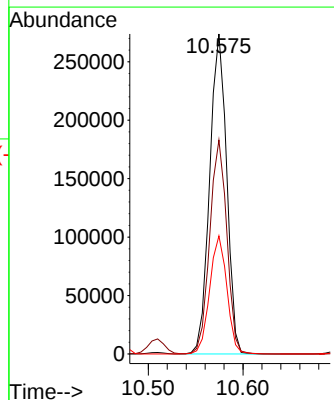
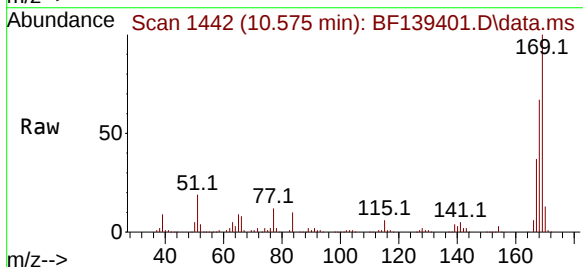
Instrument :
BNA_F
ClientSampleId :
TP-7MS

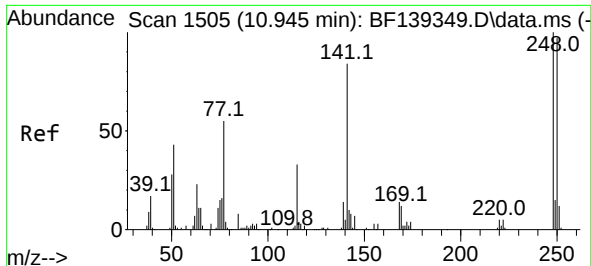
Tgt Ion:198 Resp: 55721
Ion Ratio Lower Upper
198 100
51 65.9 50.4 90.4
105 45.1 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 55.677 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:169 Resp: 340332
Ion Ratio Lower Upper
169 100
168 66.9 53.6 80.4
167 36.9 28.7 43.1

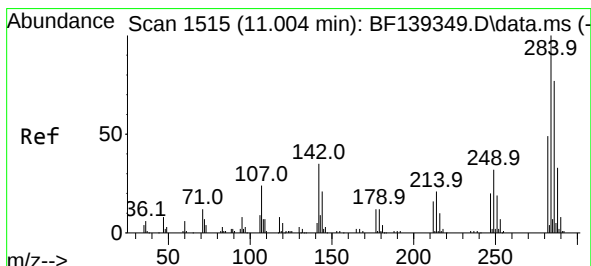
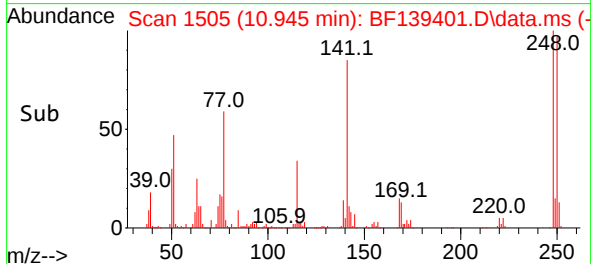
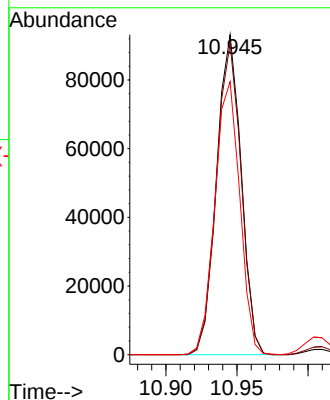
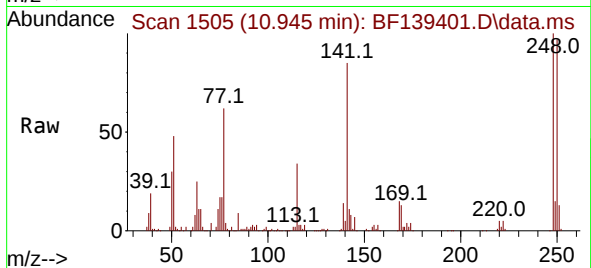




#67
4-Bromophenyl-phenylether
Concen: 54.367 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

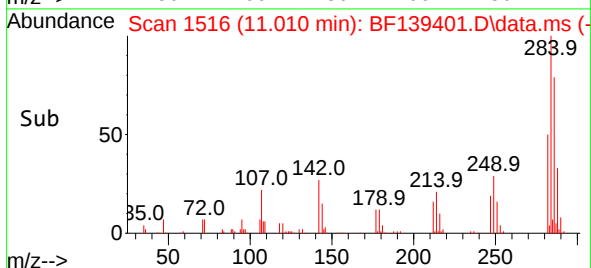
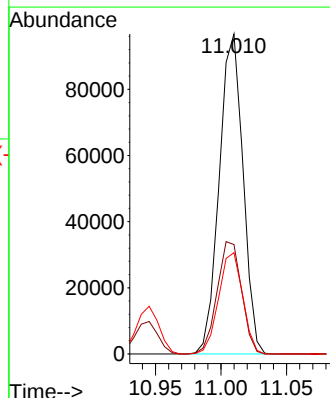
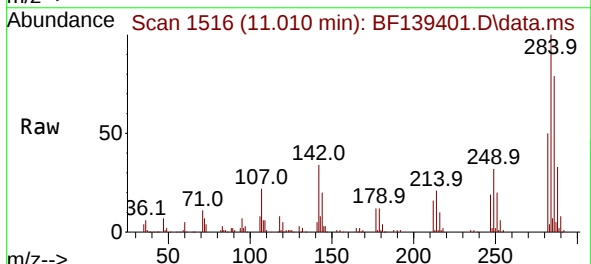
Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion:248 Resp: 112640
Ion Ratio Lower Upper
248 100
250 97.3 77.6 116.4
141 85.3 66.9 100.3



#68
Hexachlorobenzene
Concen: 50.009 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:284 Resp: 121602
Ion Ratio Lower Upper
284 100
142 34.2 28.0 42.0
249 31.6 25.3 37.9





#69

Atrazine

Concen: 71.525 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

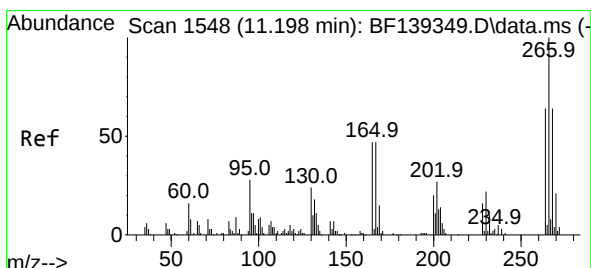
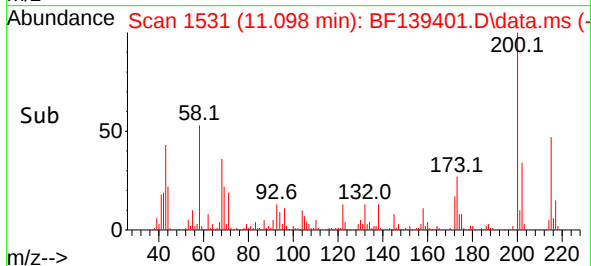
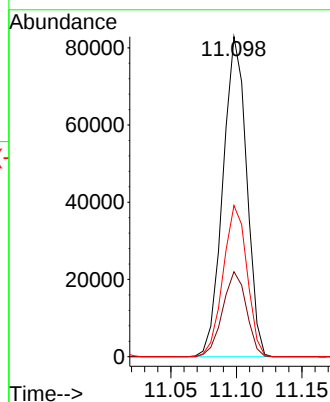
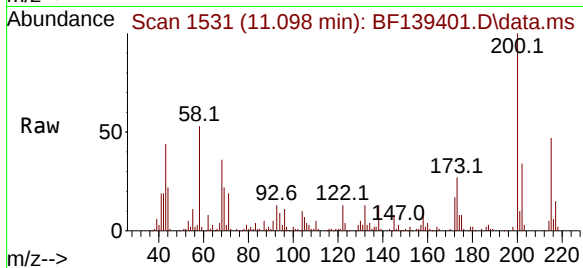
Tgt Ion:200 Resp: 104084

Ion Ratio Lower Upper

200 100

173 26.5 6.1 46.1

215 47.3 28.2 68.2



#70

Pentachlorophenol

Concen: 88.581 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

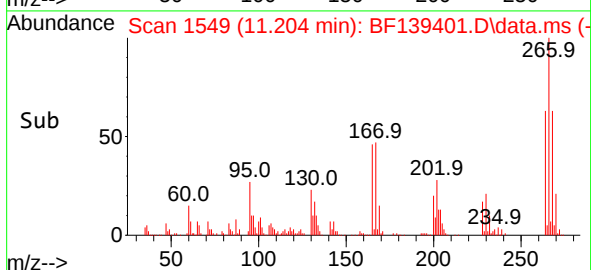
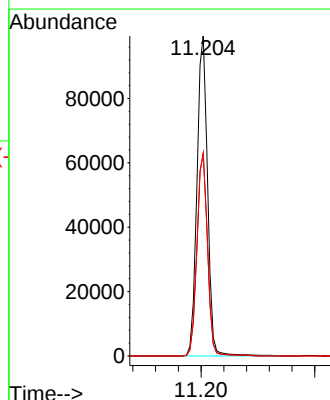
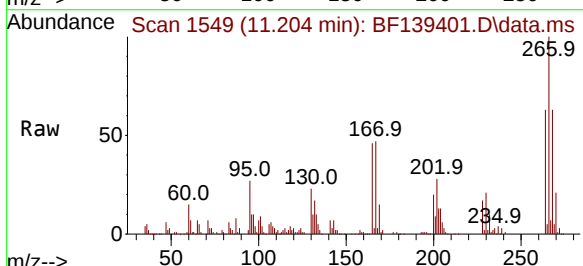
Tgt Ion:266 Resp: 129245

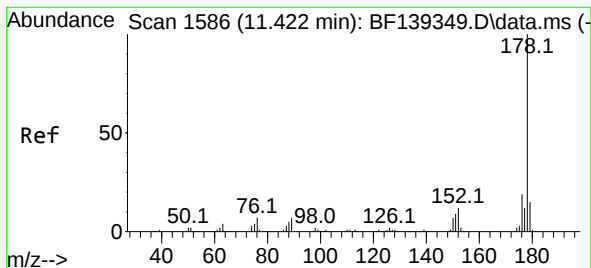
Ion Ratio Lower Upper

266 100

268 63.4 51.1 76.7

264 63.2 51.4 77.0





#71

Phenanthrene

Concen: 49.285 ng

RT: 11.427 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

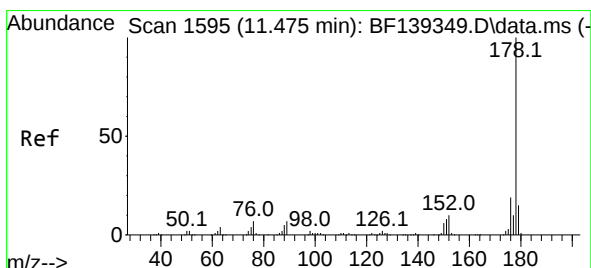
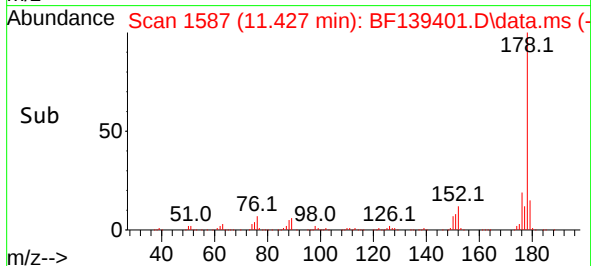
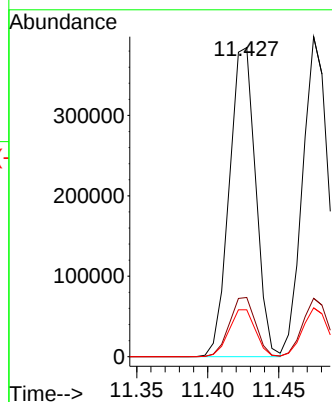
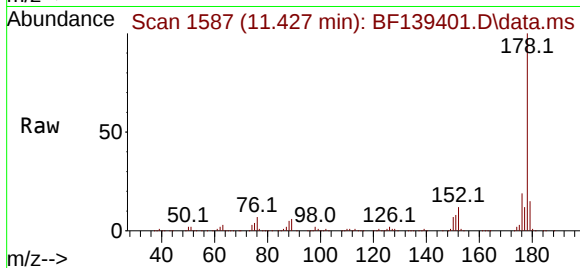
Tgt Ion:178 Resp: 497133

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.1 12.2 18.4



#72

Anthracene

Concen: 50.126 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

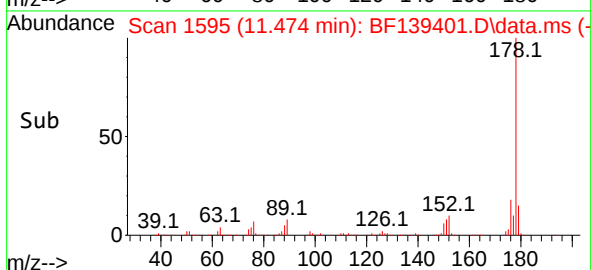
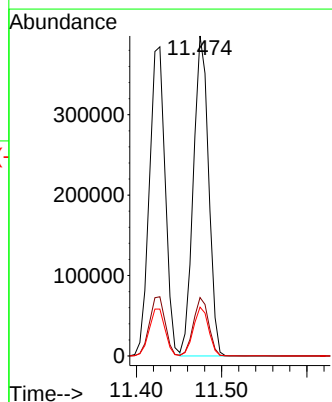
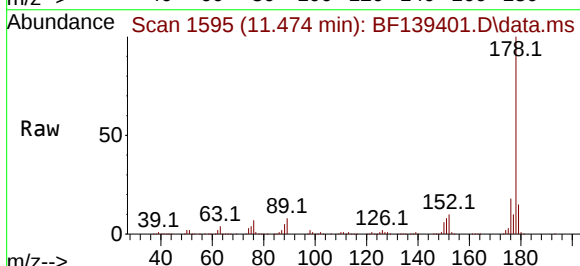
Tgt Ion:178 Resp: 494353

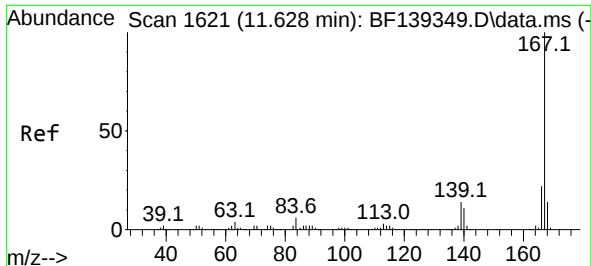
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

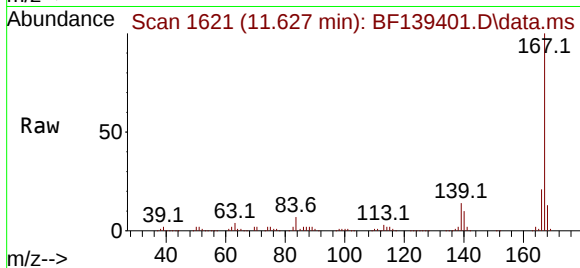
179 15.3 12.0 18.0



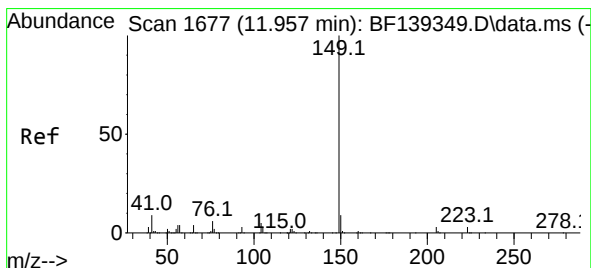
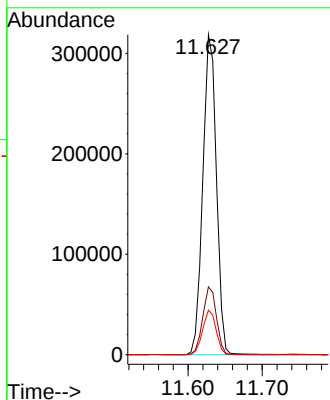
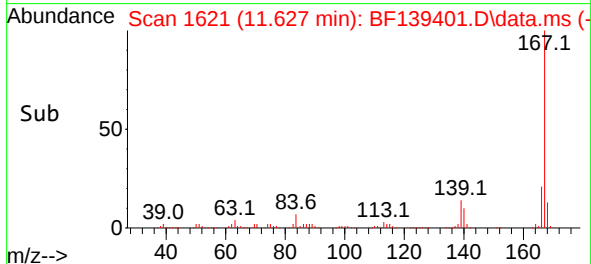


#73
 Carbazole
 Concen: 43.013 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139401.D
 Acq: 17 Sep 2024 14:45

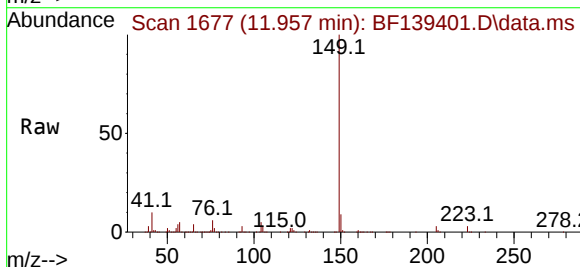
Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS



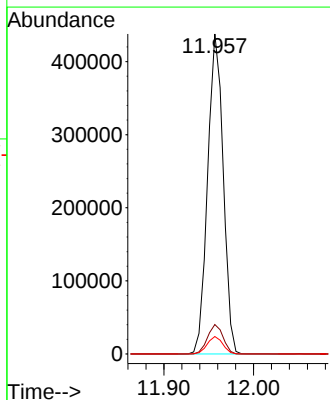
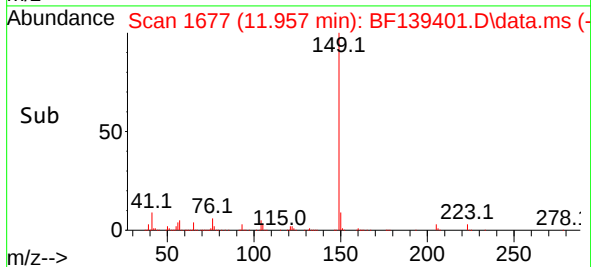
Tgt Ion:167 Resp: 406002
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.5 26.3
 139 13.9 10.9 16.3

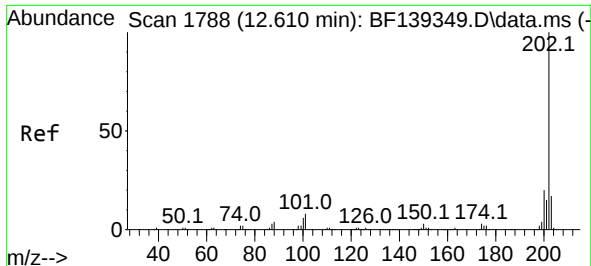


#74
 Di-n-butylphthalate
 Concen: 50.143 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139401.D
 Acq: 17 Sep 2024 14:45



Tgt Ion:149 Resp: 527248
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.4 4.3 6.5

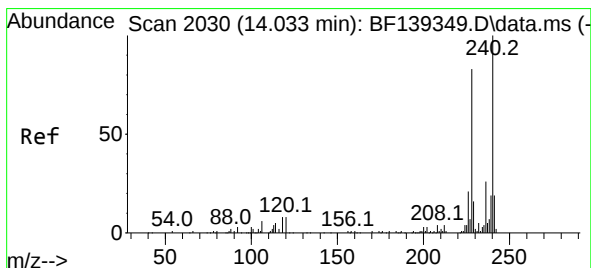
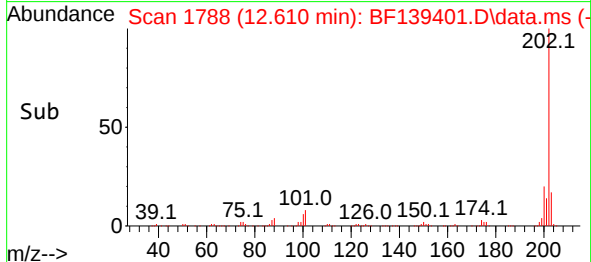
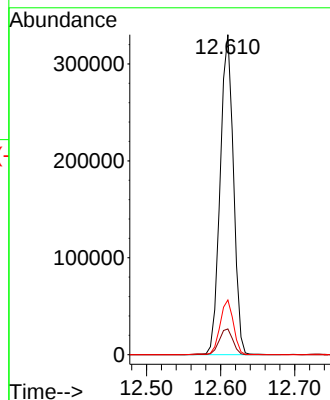
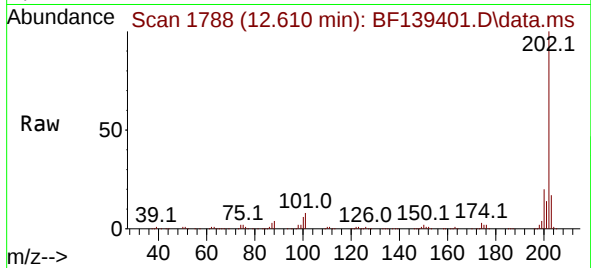




#75
Fluoranthene
Concen: 38.259 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

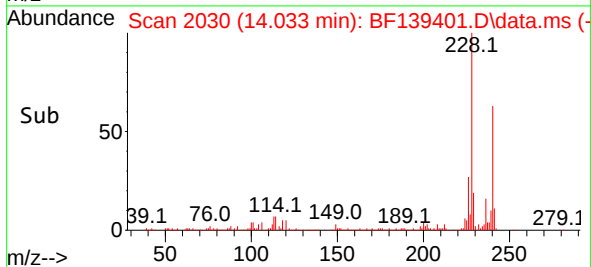
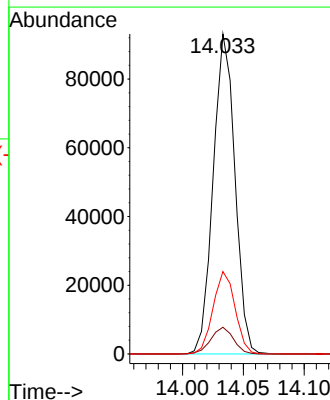
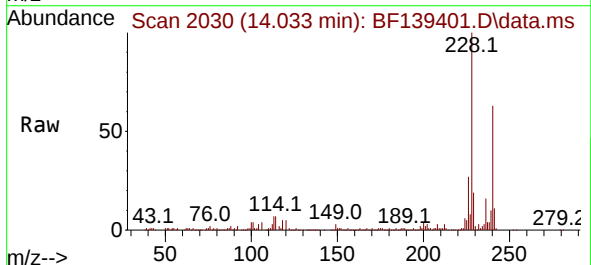
Instrument :
BNA_F
ClientSampleId :
TP-7MS

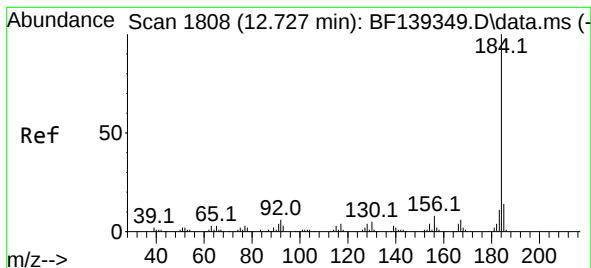
Tgt Ion:202 Resp: 412125
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.7
203 17.1 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:240 Resp: 115674
Ion Ratio Lower Upper
240 100
120 8.4 6.2 9.2
236 25.7 20.9 31.3





#77

Benzidine

Concen: 63.975 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

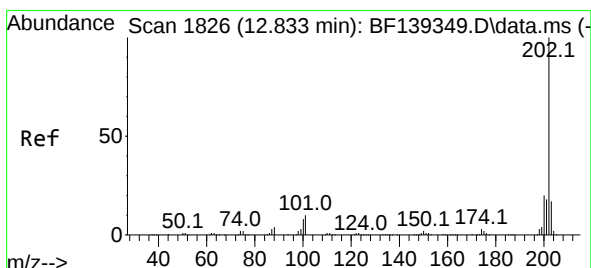
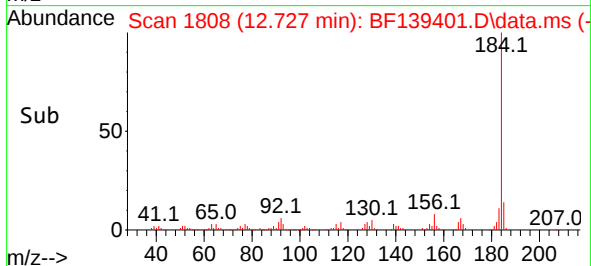
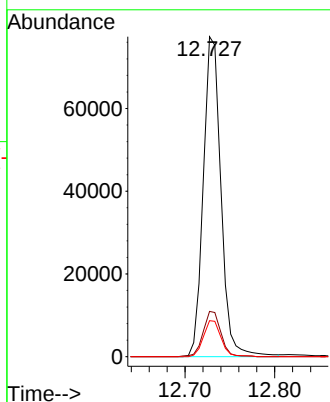
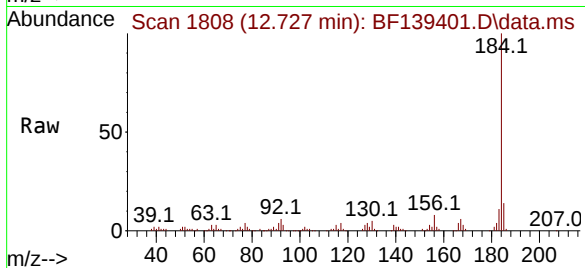
Tgt Ion:184 Resp: 106024

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

183 11.3 8.9 13.3



#78

Pyrene

Concen: 41.333 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

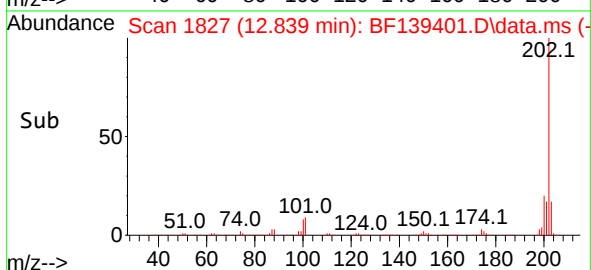
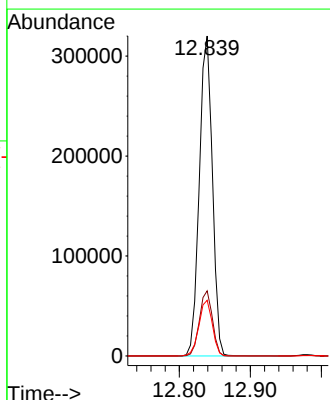
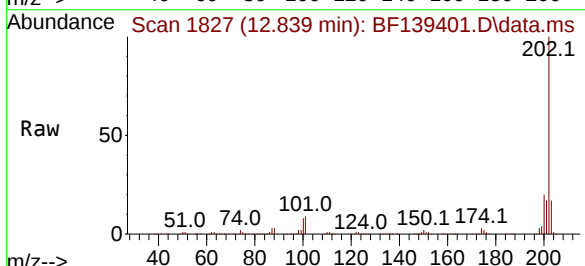
Tgt Ion:202 Resp: 410525

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 54.570 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

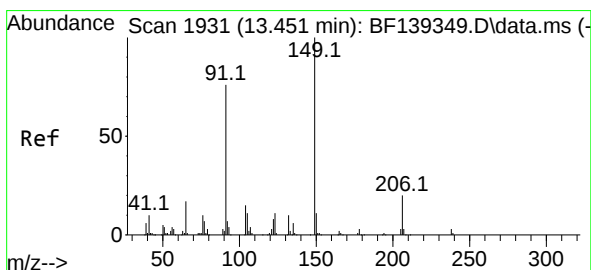
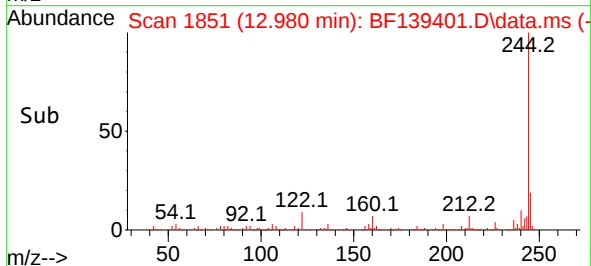
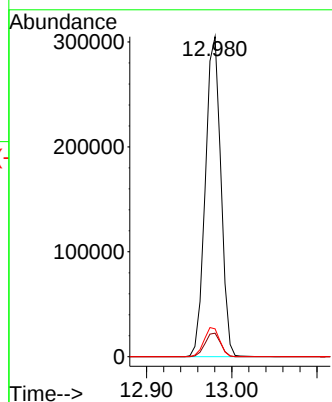
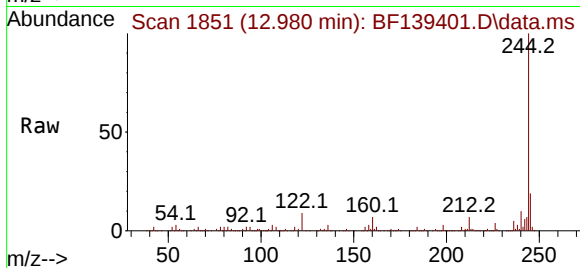
Tgt Ion:244 Resp: 384573

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 8.7 7.6 11.4



#80

Butylbenzylphthalate

Concen: 46.430 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

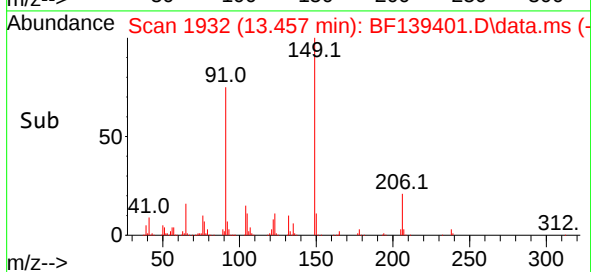
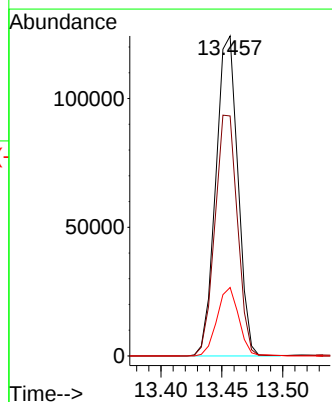
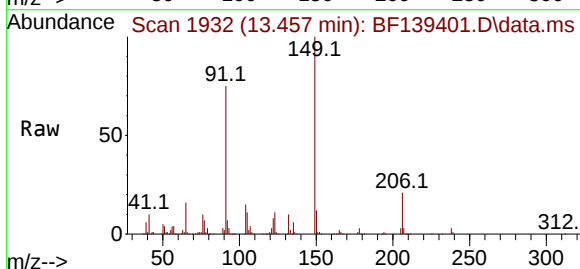
Tgt Ion:149 Resp: 156967

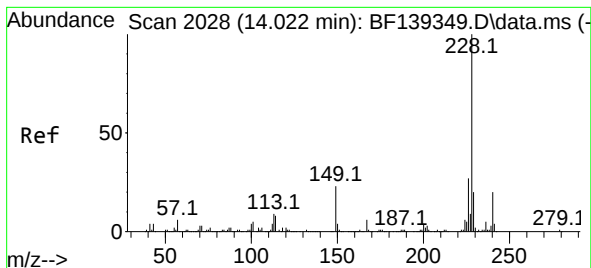
Ion Ratio Lower Upper

149 100

91 75.0 60.9 91.3

206 21.4 15.8 23.8





#81

Benzo(a)anthracene

Concen: 49.886 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

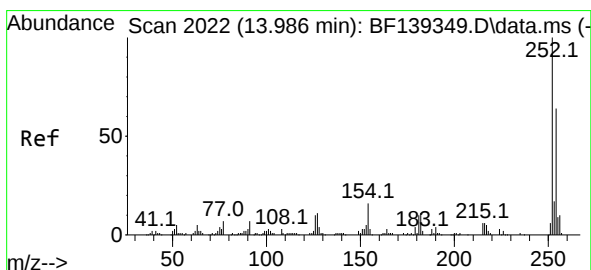
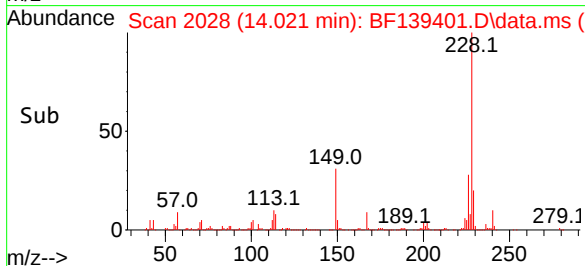
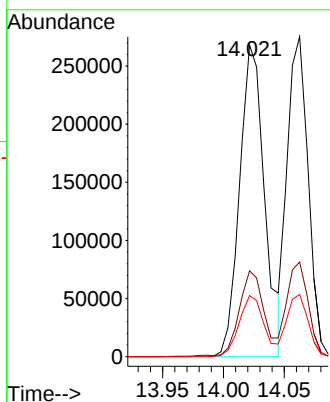
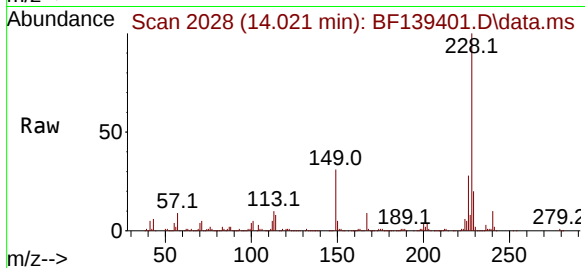
Tgt Ion:228 Resp: 382239

Ion Ratio Lower Upper

228 100

226 27.6 21.6 32.4

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 36.316 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

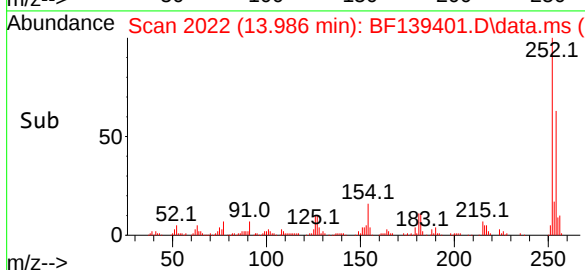
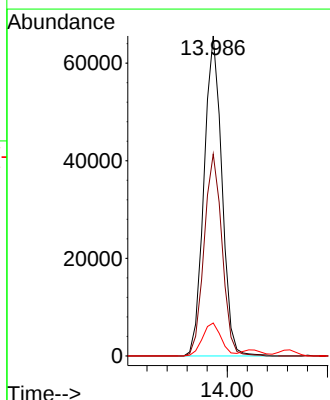
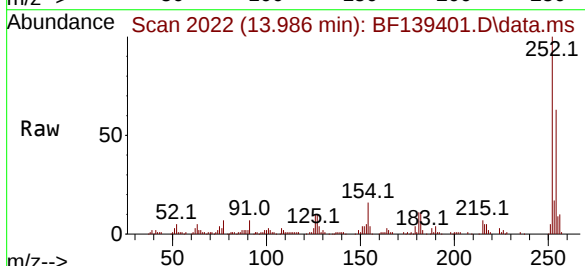
Tgt Ion:252 Resp: 81489

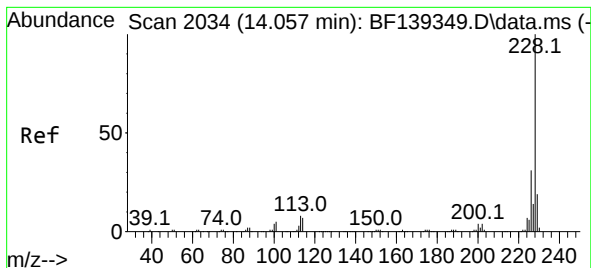
Ion Ratio Lower Upper

252 100

254 63.1 51.4 77.2

126 10.3 7.7 11.5





#83

Chrysene

Concen: 46.474 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

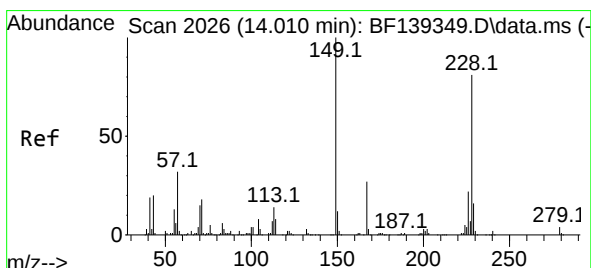
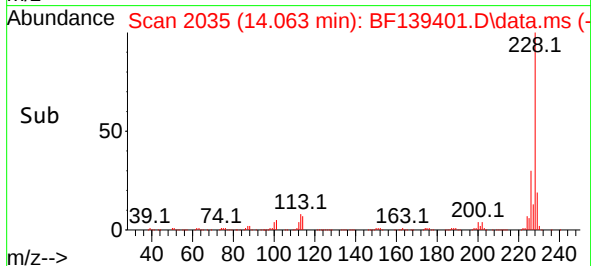
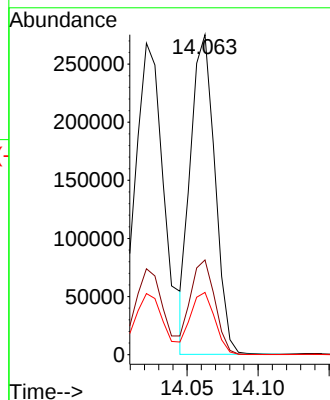
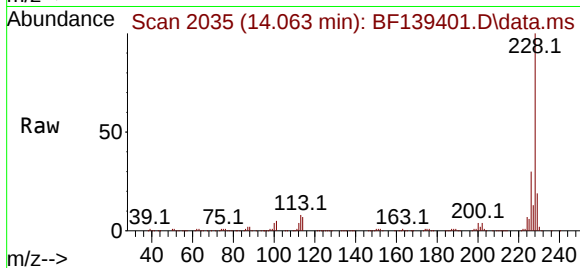
Tgt Ion:228 Resp: 327610

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

229 19.5 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.111 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

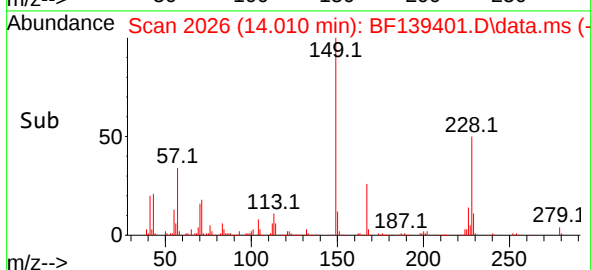
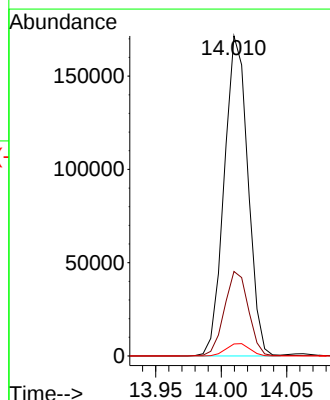
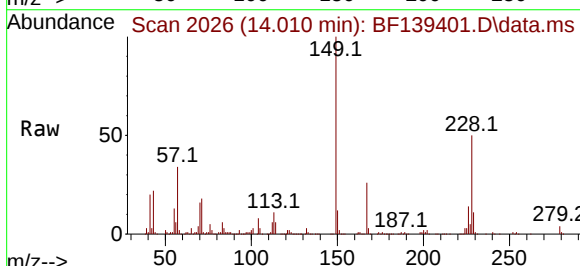
Tgt Ion:149 Resp: 215514

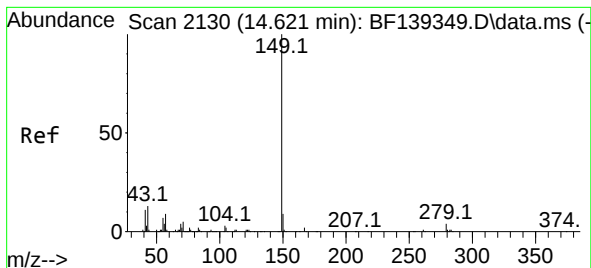
Ion Ratio Lower Upper

149 100

167 26.4 21.6 32.4

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 58.984 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

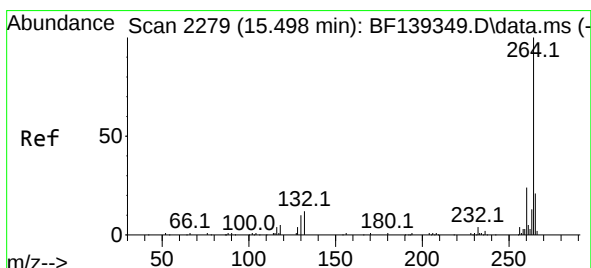
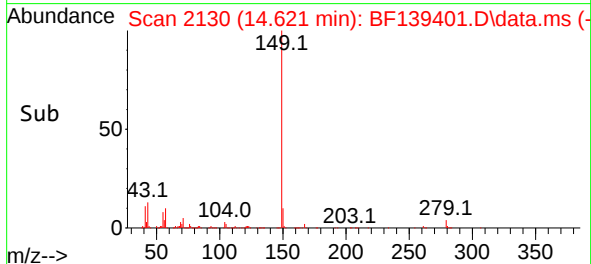
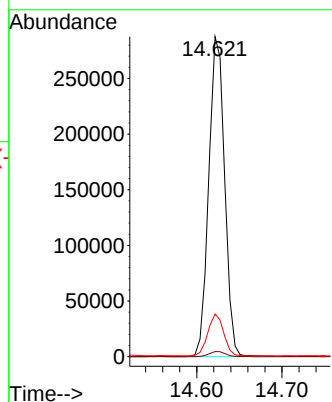
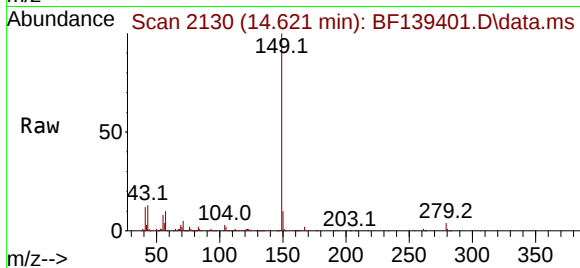
Tgt Ion:149 Resp: 373584

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 12.9 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

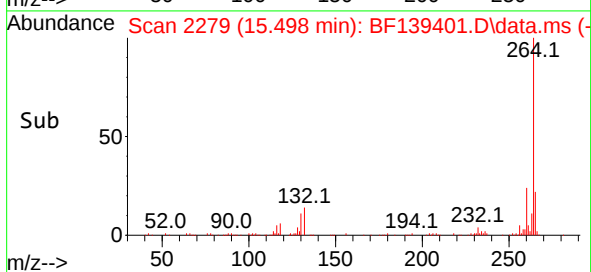
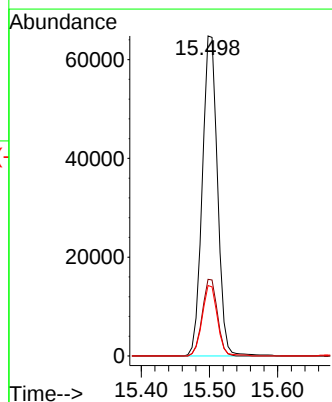
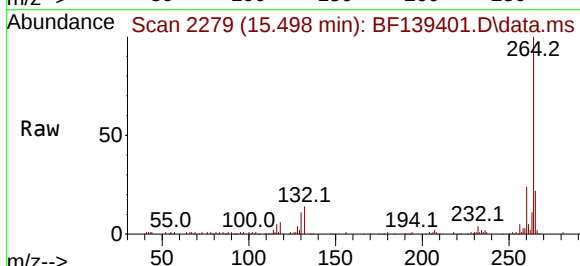
Tgt Ion:264 Resp: 100599

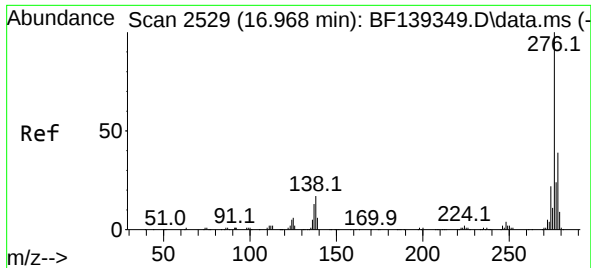
Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 22.0 16.6 25.0

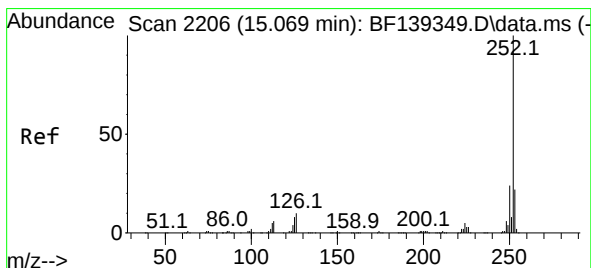
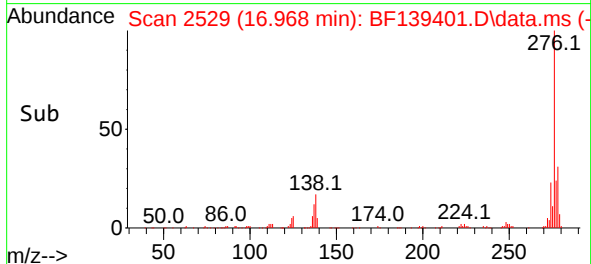
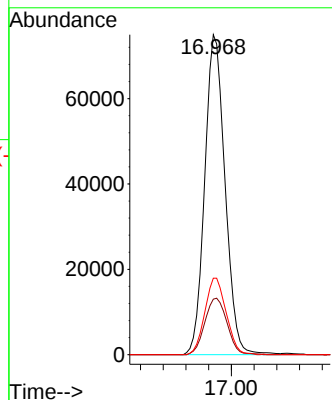
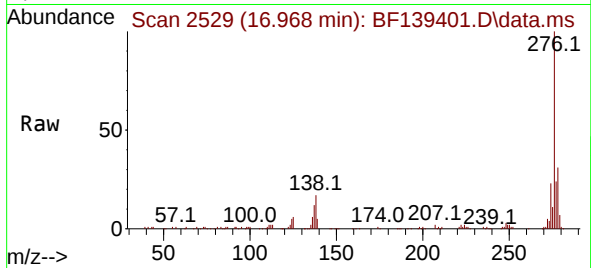




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 31.082 ng
 RT: 16.968 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139401.D
 Acq: 17 Sep 2024 14:45

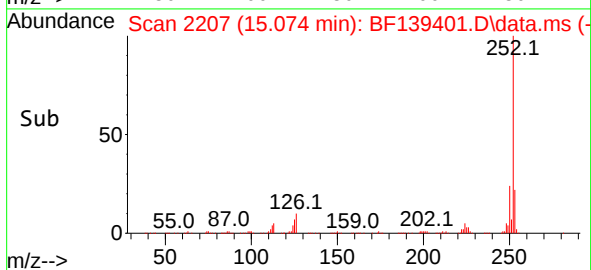
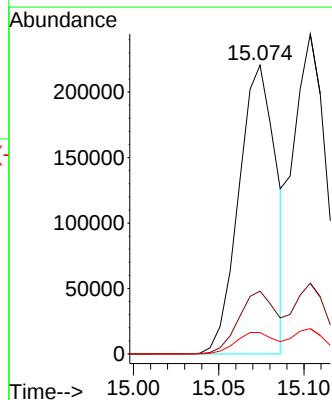
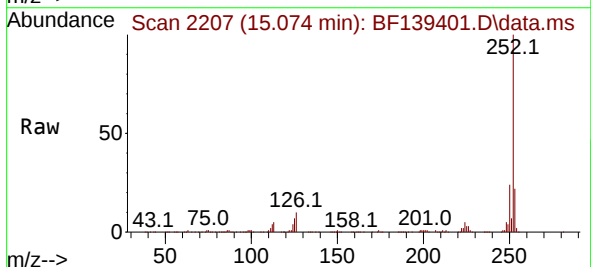
Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

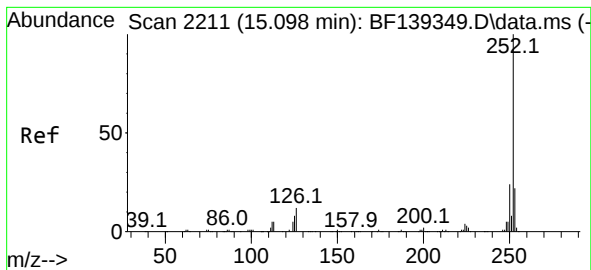
Tgt Ion:276 Resp: 185932
 Ion Ratio Lower Upper
 276 100
 138 19.3 15.4 23.2
 277 25.1 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 53.937 ng
 RT: 15.074 min Scan# 2207
 Delta R.T. 0.006 min
 Lab File: BF139401.D
 Acq: 17 Sep 2024 14:45

Tgt Ion:252 Resp: 334641
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.6 26.4
 125 7.4 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 56.690 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-7MS

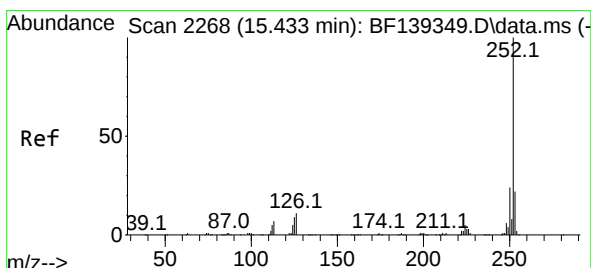
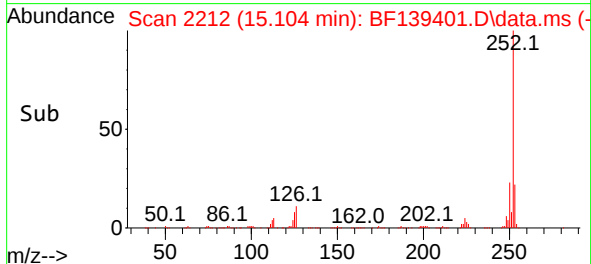
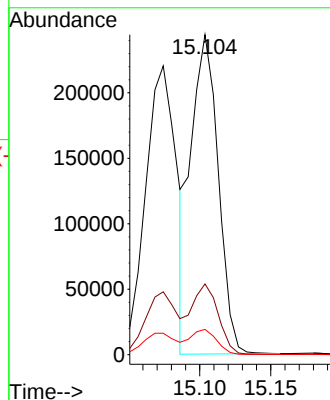
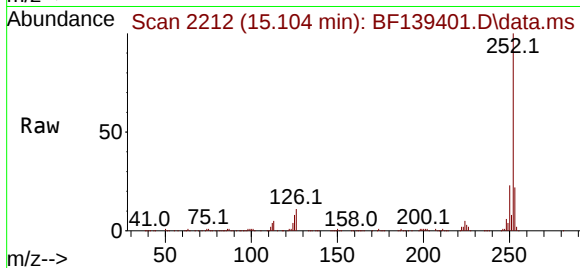
Tgt Ion:252 Resp: 324299

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 7.9 5.9 8.9



#90

Benzo(a)pyrene

Concen: 53.801 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139401.D

Acq: 17 Sep 2024 14:45

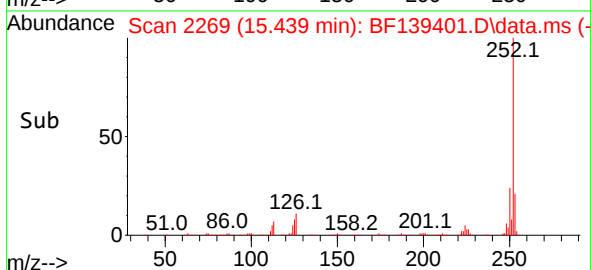
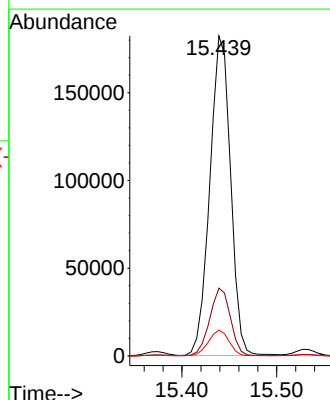
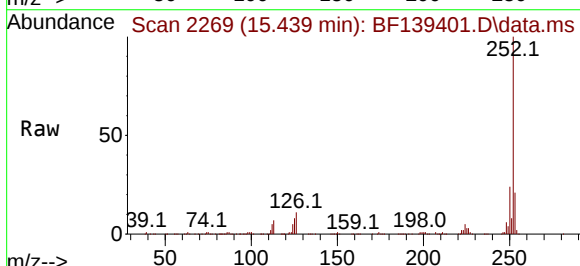
Tgt Ion:252 Resp: 276834

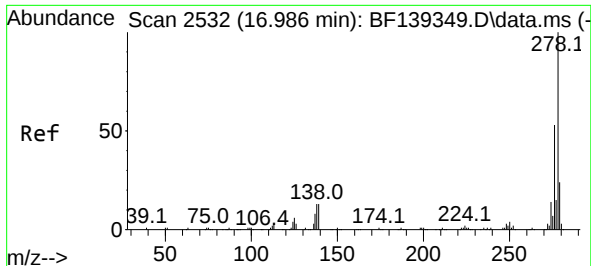
Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 8.1 6.8 10.2

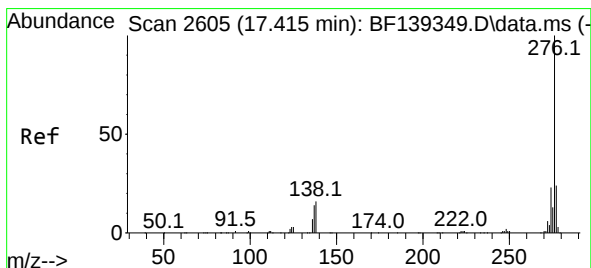
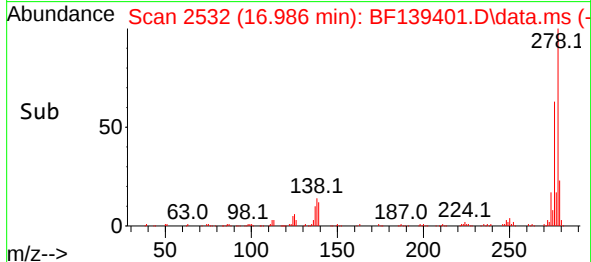
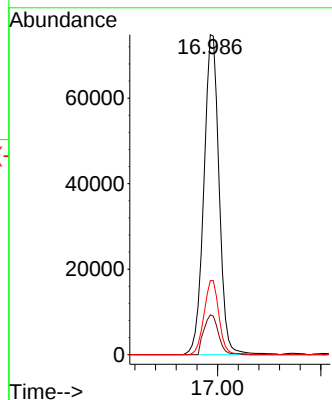
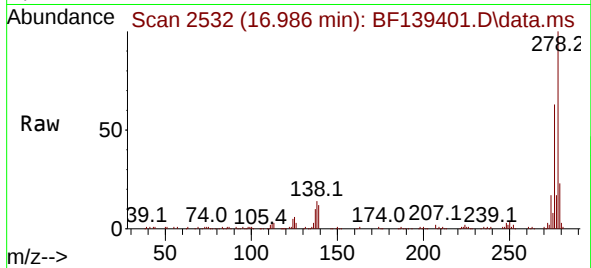




#91
Dibenzo(a,h)anthracene
Concen: 30.985 ng
RT: 16.986 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion:278 Resp: 153160
Ion Ratio Lower Upper
278 100
139 12.5 10.2 15.2
279 23.2 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 27.519 ng
RT: 17.415 min Scan# 2605
Delta R.T. -0.000 min
Lab File: BF139401.D
Acq: 17 Sep 2024 14:45

Tgt Ion:276 Resp: 134686
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 16.7 13.0 19.6

