

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139536.D
 Acq On : 25 Sep 2024 18:50
 Operator : RC/JU
 Sample : P4148-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILEMS

Quant Time: Sep 26 01:26:41 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	82065	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	315781	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	174649	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	314578	20.000	ng	0.00
76) Chrysene-d12	14.039	240	146193	20.000	ng	0.00
86) Perylene-d12	15.510	264	159732	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	643467	127.913	ng	0.02
7) Phenol-d6	6.516	99	797764	120.821	ng	0.01
23) Nitrobenzene-d5	7.445	82	623847	92.874	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	242290	130.309	ng	0.01
45) 2-Fluorobiphenyl	9.234	172	1133101	90.994	ng	0.00
79) Terphenyl-d14	12.986	244	977967	109.802	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.834	88	87954	43.579	ng	# 77
3) Pyridine	3.546	79	222763	50.061	ng	98
4) n-Nitrosodimethylamine	3.481	42	163254	42.328	ng	# 82
6) Aniline	6.545	93	248921	49.954	ng	# 78
8) 2-Chlorophenol	6.669	128	259772	50.166	ng	98
9) Benzaldehyde	6.428	77	16977	4.450	ng	97
10) Phenol	6.534	94	305237	45.389	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	274416	53.688	ng	99
12) 1,3-Dichlorobenzene	6.822	146	260664	44.262	ng	98
13) 1,4-Dichlorobenzene	6.898	146	269017	45.204	ng	99
14) 1,2-Dichlorobenzene	7.045	146	259349	46.120	ng	98
15) Benzyl Alcohol	7.022	79	262693	49.867	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	465978	59.155	ng	85
17) 2-Methylphenol	7.140	107	212007	51.531	ng	97
18) Hexachloroethane	7.387	117	100566	44.366	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	207628	53.064	ng	97
20) 3+4-Methylphenols	7.287	107	267127	47.590	ng	# 84
22) Acetophenone	7.287	105	374058	45.310	ng	98
24) Nitrobenzene	7.463	77	312093	45.144	ng	97
25) Isophorone	7.698	82	560611	52.772	ng	99
26) 2-Nitrophenol	7.775	139	142475	52.898	ng	92
27) 2,4-Dimethylphenol	7.816	122	209900	59.080	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	323567	53.443	ng	99
29) 2,4-Dichlorophenol	8.022	162	226877	50.267	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	234822	44.652	ng	98
31) Naphthalene	8.181	128	785043	47.620	ng	100
32) Benzoic acid	7.939	122	143410	43.133	ng	92
33) 4-Chloroaniline	8.234	127	106756	21.168	ng	97
34) Hexachlorobutadiene	8.292	225	150258	42.055	ng	99
35) Caprolactam	8.610	113	46978	33.836	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	257243	49.870	ng	95
37) 2-Methylnaphthalene	8.875	142	518590	49.560	ng	100
38) 1-Methylnaphthalene	8.969	142	487145	47.419	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	247543	47.825	ng	99
41) Hexachlorocyclopentadiene	9.022	237	275699	152.551	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	173208	51.435	ng	100

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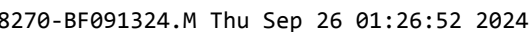
Instrument :
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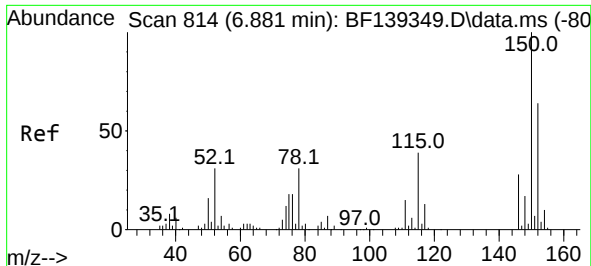
Quant Time: Sep 26 01:26:41 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	182291	51.318	ng	98
46) 1,1'-Biphenyl	9.339	154	662323	49.294	ng	99
47) 2-Chloronaphthalene	9.363	162	489449	48.720	ng	99
48) 2-Nitroaniline	9.463	65	193529	51.792	ng	99
49) Acenaphthylene	9.781	152	814710	53.874	ng	100
50) Dimethylphthalate	9.639	163	604436	52.729	ng	100
51) 2,6-Dinitrotoluene	9.704	165	132512	52.182	ng	90
52) Acenaphthene	9.951	154	566904	53.712	ng	100
53) 3-Nitroaniline	9.875	138	107264	42.266	ng	89
54) 2,4-Dinitrophenol	9.981	184	115504	81.628	ng	# 85
55) Dibenzofuran	10.122	168	740691	50.350	ng	96
56) 4-Nitrophenol	10.039	139	179559	85.507	ng	# 81
57) 2,4-Dinitrotoluene	10.104	165	178895	52.180	ng	98
58) Fluorene	10.463	166	584809	48.723	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	154630	52.623	ng	96
60) Diethylphthalate	10.339	149	613661	51.876	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	285519	48.947	ng	95
62) 4-Nitroaniline	10.486	138	128242	46.301	ng	89
63) Azobenzene	10.616	77	608449	52.296	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	81166	48.886	ng	91
66) n-Nitrosodiphenylamine	10.575	169	508728	55.313	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	168615	54.089	ng	99
68) Hexachlorobenzene	11.010	284	189052	51.673	ng	99
69) Atrazine	11.104	200	160193	73.162	ng	99
70) Pentachlorophenol	11.210	266	198939	90.619	ng	99
71) Phenanthrene	11.428	178	803227	52.924	ng	99
72) Anthracene	11.480	178	826145	55.674	ng	99
73) Carbazole	11.633	167	710938	50.058	ng	99
74) Di-n-butylphthalate	11.963	149	900920	56.945	ng	100
75) Fluoranthene	12.616	202	762307	47.033	ng	98
77) Benzidine	12.739	184	363941	173.759	ng	99
78) Pyrene	12.845	202	742213	59.128	ng	100
80) Butylbenzylphthalate	13.457	149	258860	60.585	ng	98
81) Benzo(a)anthracene	14.027	228	518385	53.531	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	143352	50.549	ng	99
83) Chrysene	14.069	228	490760	55.085	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	315187	57.988	ng	98
85) Di-n-octyl phthalate	14.627	149	499761	62.433	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	479035	50.435	ng	96
88) Benzo(b)fluoranthene	15.080	252	554047	56.241	ng	98
89) Benzo(k)fluoranthene	15.110	252	427789	47.097	ng	# 98
90) Benzo(a)pyrene	15.451	252	477853	58.488	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	390611	49.769	ng	98
92) Benzo(g,h,i)perylene	17.439	276	335926	43.228	ng	# 96

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

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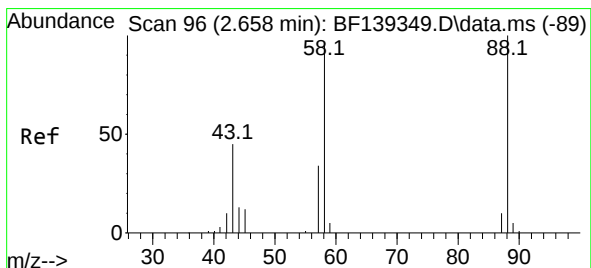
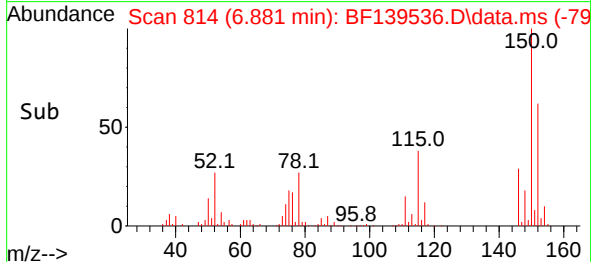
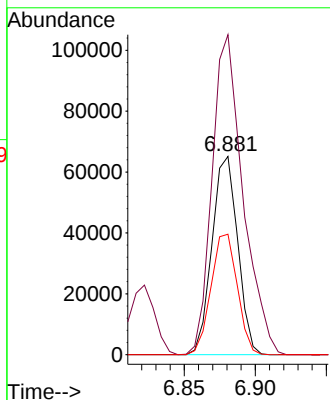
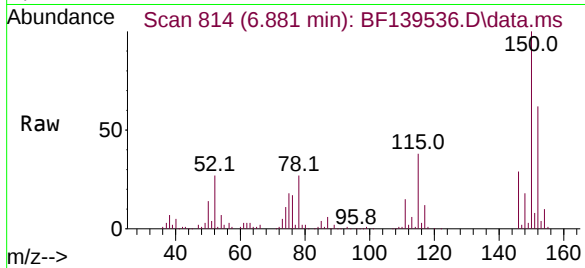




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139536.D
 Acq: 25 Sep 2024 18:50

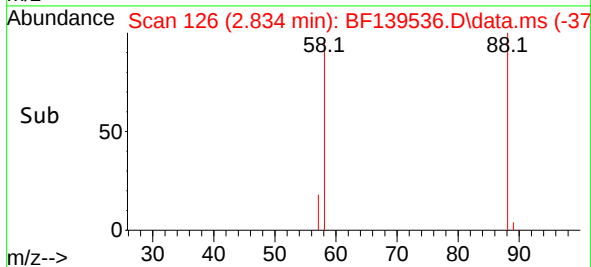
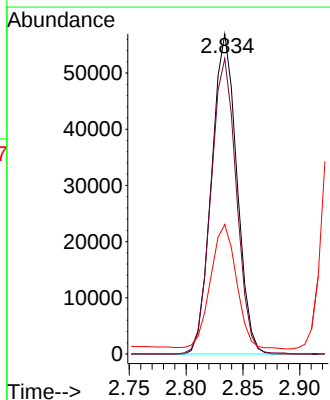
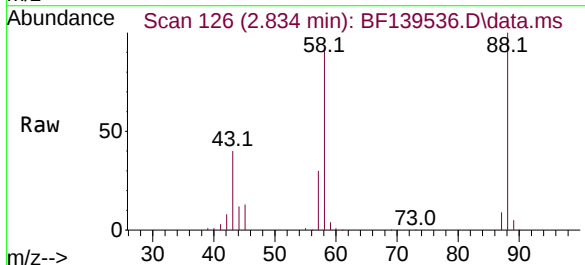
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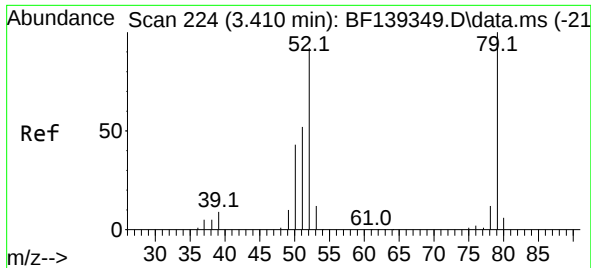
Tgt Ion:152 Resp: 82065
 Ion Ratio Lower Upper
 152 100
 150 161.4 124.1 186.1
 115 60.8 48.1 72.1



#2
 1,4-Dioxane
 Concen: 43.579 ng
 RT: 2.834 min Scan# 126
 Delta R.T. 0.176 min
 Lab File: BF139536.D
 Acq: 25 Sep 2024 18:50

Tgt Ion: 88 Resp: 87954
 Ion Ratio Lower Upper
 88 100
 58 93.1 74.8 112.2
 43 0.0 36.4 54.6#





#3

Pyridine

Concen: 50.061 ng

RT: 3.546 min Scan# 247

Delta R.T. 0.135 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

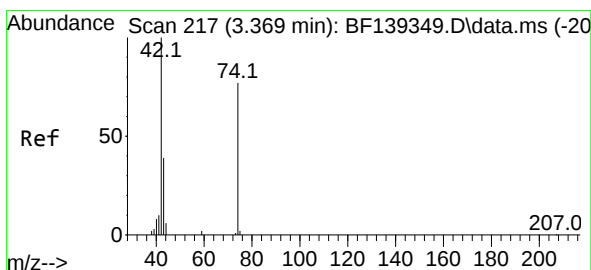
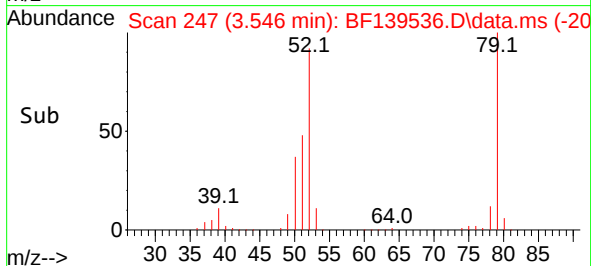
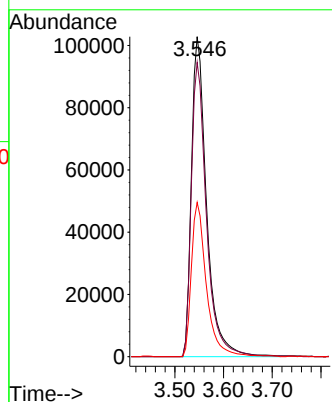
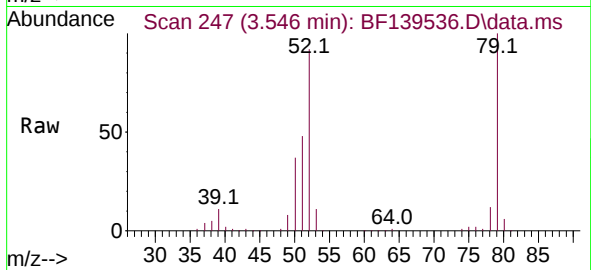
Tgt Ion: 79 Resp: 222763

Ion Ratio Lower Upper

79 100

52 91.9 73.8 110.8

51 48.2 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 42.328 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.112 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

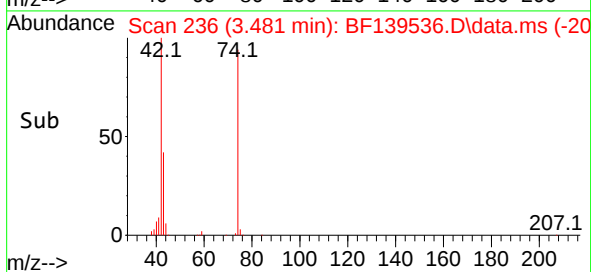
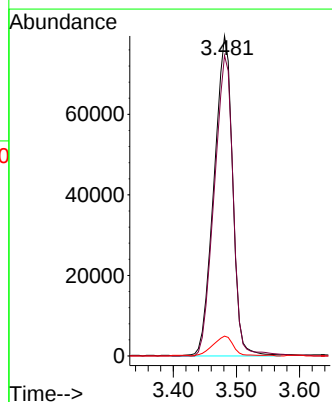
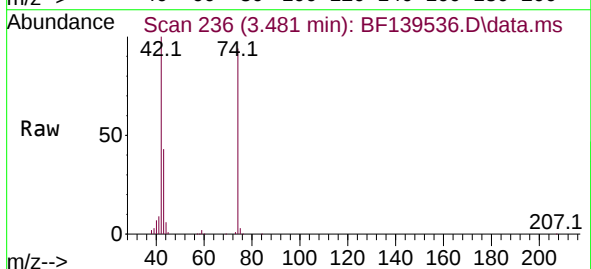
Tgt Ion: 42 Resp: 163254

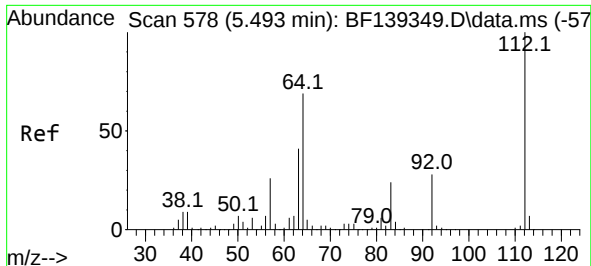
Ion Ratio Lower Upper

42 100

74 93.9 61.8 92.8#

44 6.2 4.8 7.2

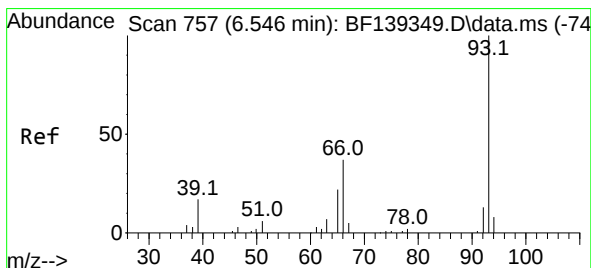
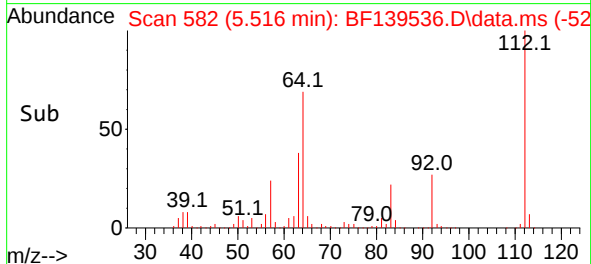
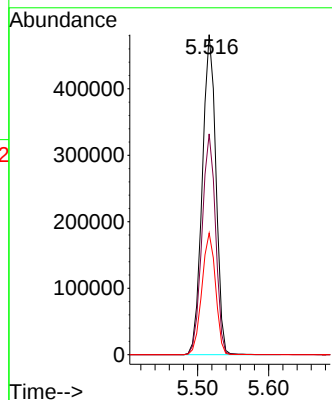
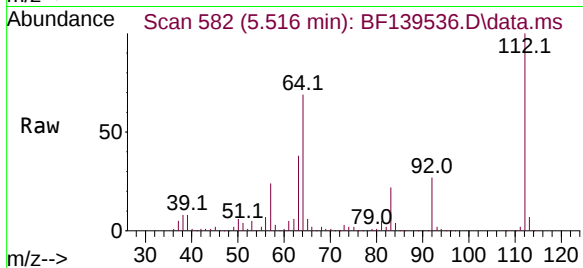




#5
2-Fluorophenol
Concen: 127.913 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

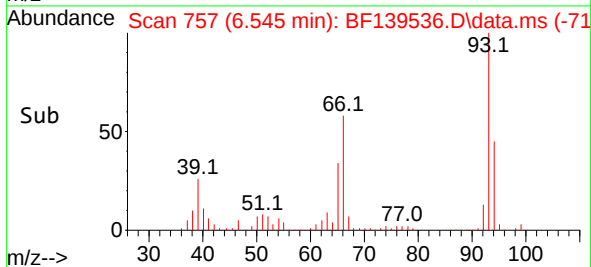
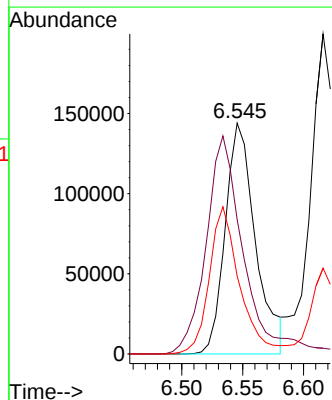
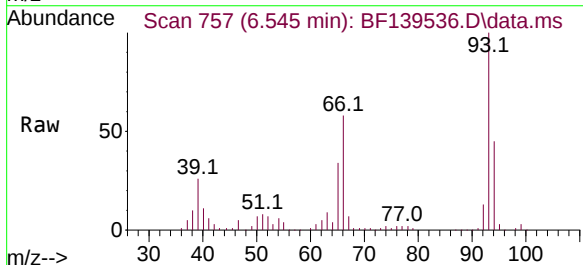
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Tgt Ion:112 Resp: 643467
Ion Ratio Lower Upper
112 100
64 69.0 54.8 82.2
63 38.0 33.0 49.4



#6
Aniline
Concen: 49.954 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.024 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion: 93 Resp: 248921
Ion Ratio Lower Upper
93 100
66 58.2 35.4 53.0#
65 33.8 18.2 27.4#





#7

Phenol-d6

Concen: 120.821 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

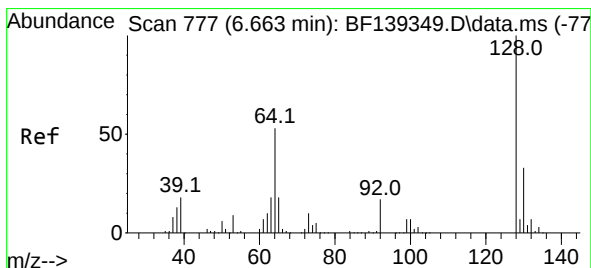
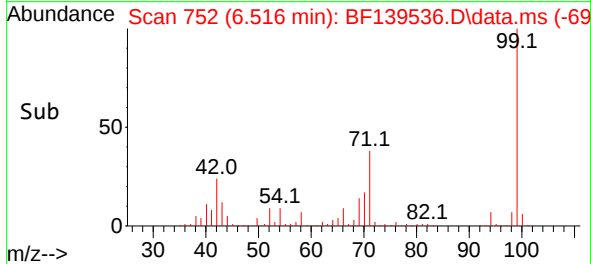
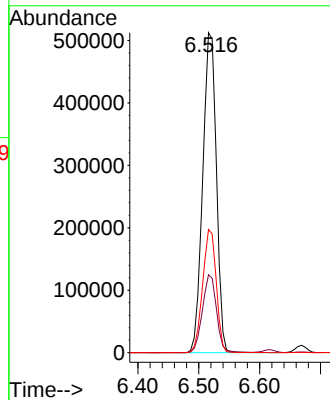
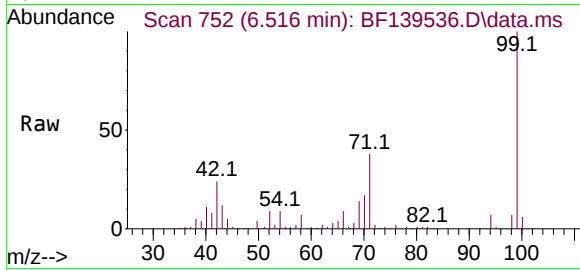
Tgt Ion: 99 Resp: 797764

Ion Ratio Lower Upper

99 100

42 24.3 21.9 32.9

71 38.5 34.6 52.0



#8

2-Chlorophenol

Concen: 50.166 ng

RT: 6.669 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

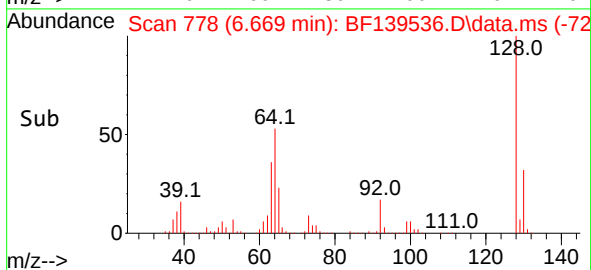
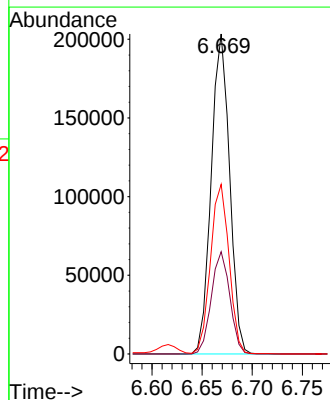
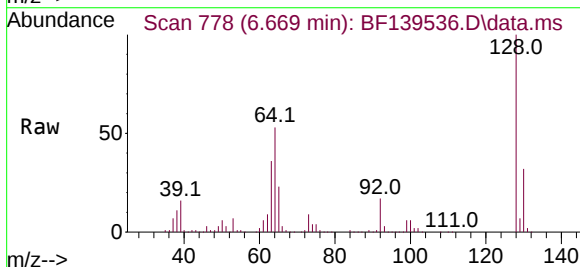
Tgt Ion:128 Resp: 259772

Ion Ratio Lower Upper

128 100

130 32.0 12.8 52.8

64 53.0 35.1 75.1





#9

Benzaldehyde

Concen: 4.450 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

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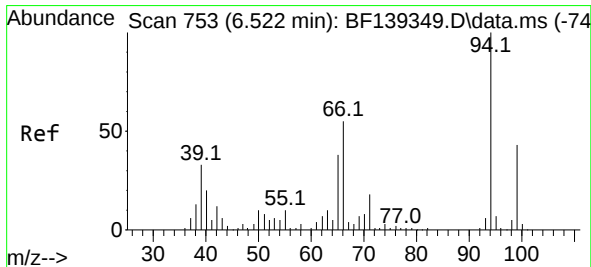
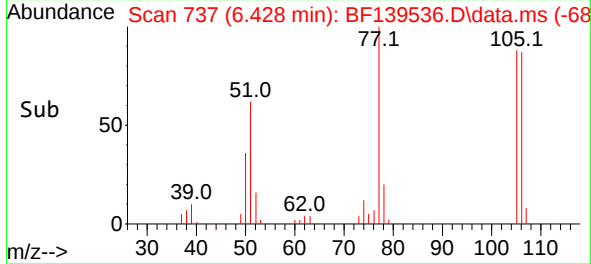
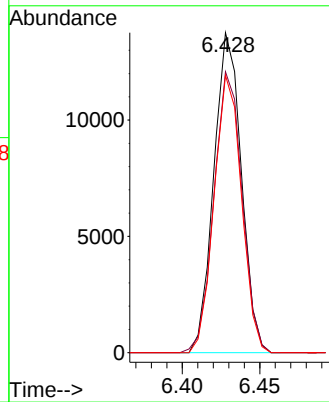
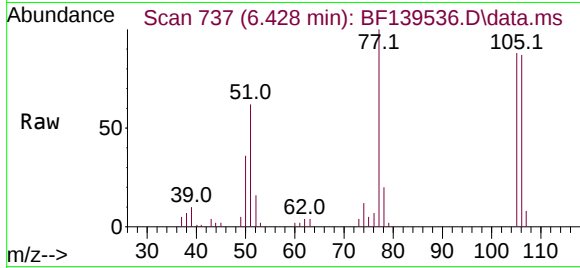
Tgt Ion: 77 Resp: 16977

Ion Ratio Lower Upper

77 100

105 87.8 71.0 111.0

106 86.7 64.9 104.9



#10

Phenol

Concen: 45.389 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.012 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

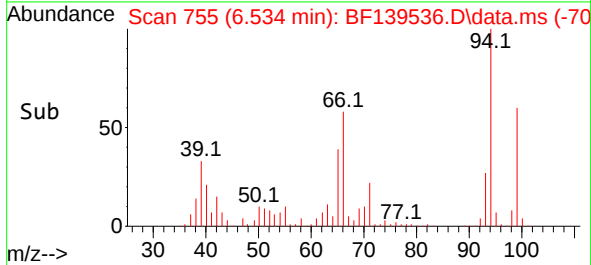
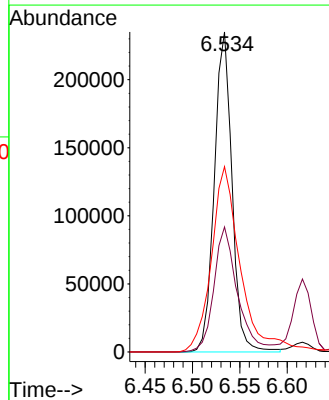
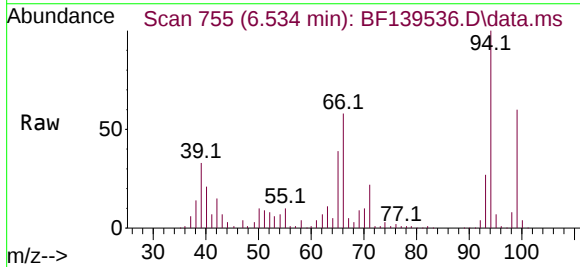
Tgt Ion: 94 Resp: 305237

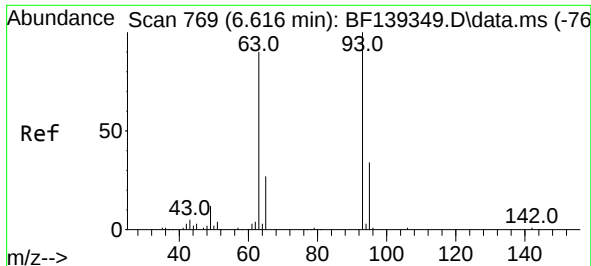
Ion Ratio Lower Upper

94 100

65 39.1 17.6 57.6

66 57.9 35.2 75.2

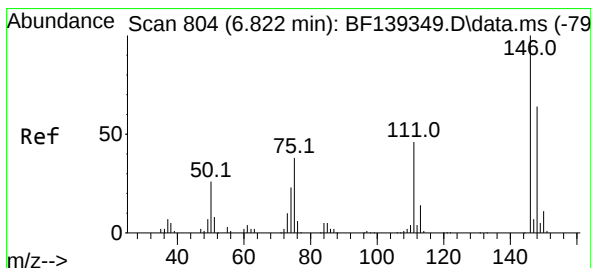
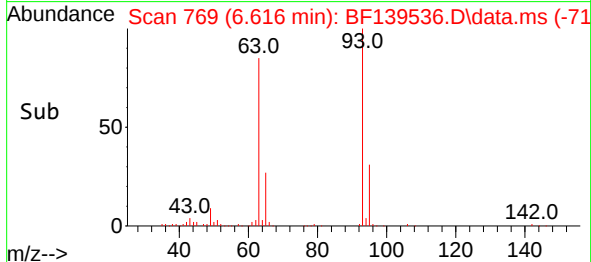
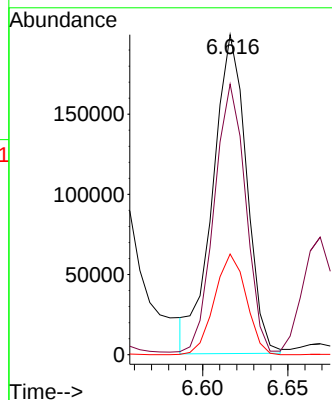
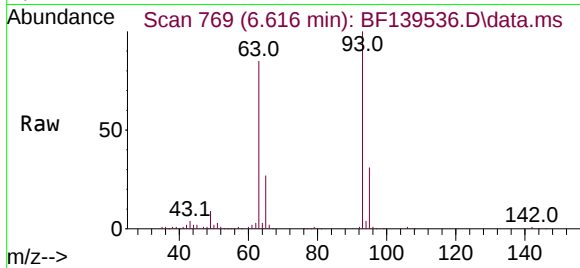




#11
bis(2-Chloroethyl)ether
Concen: 53.688 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

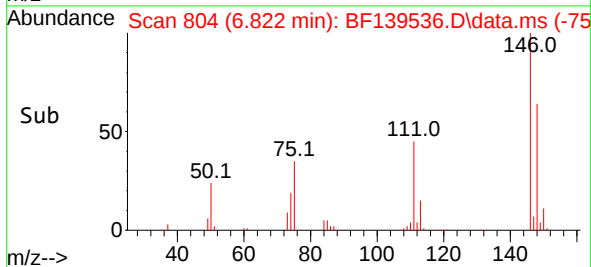
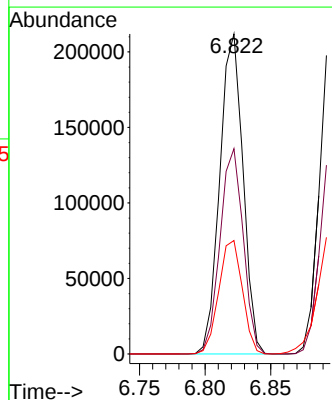
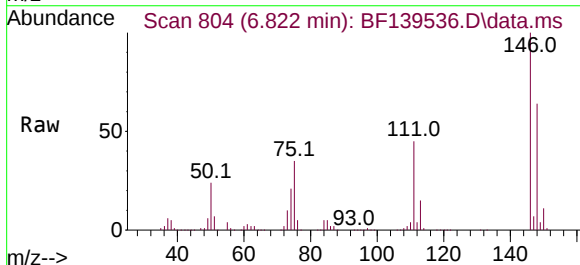
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Tgt Ion: 93 Resp: 274416
Ion Ratio Lower Upper
93 100
63 84.5 65.3 105.3
95 31.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 44.262 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion: 146 Resp: 260664
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 35.5 30.6 46.0

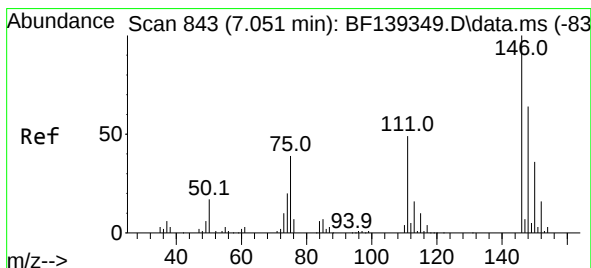
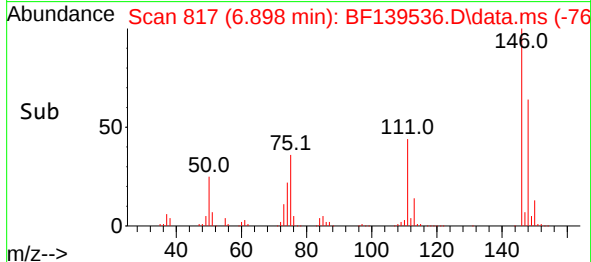
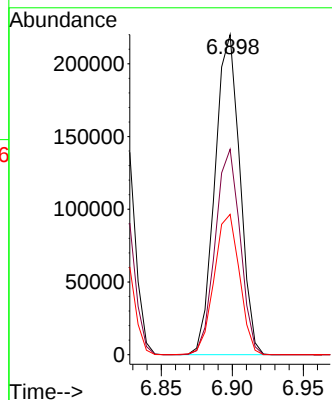
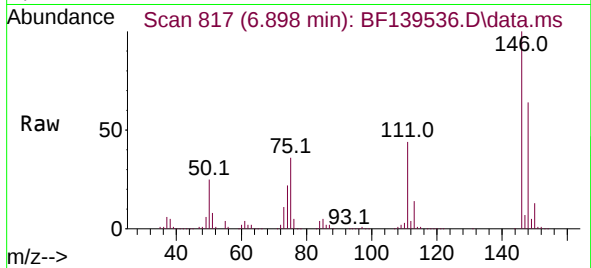




#13
1,4-Dichlorobenzene
Concen: 45.204 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

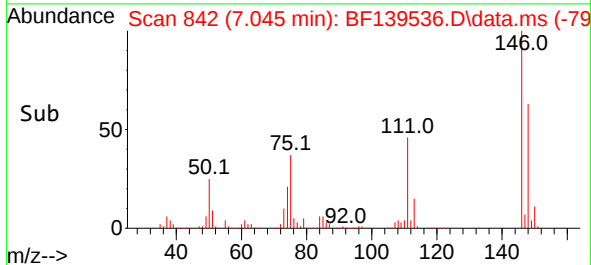
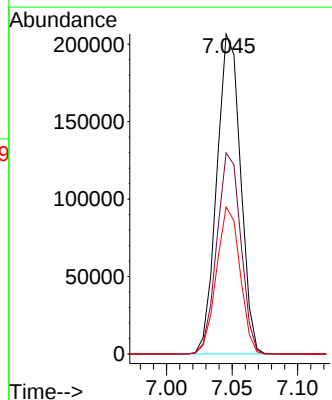
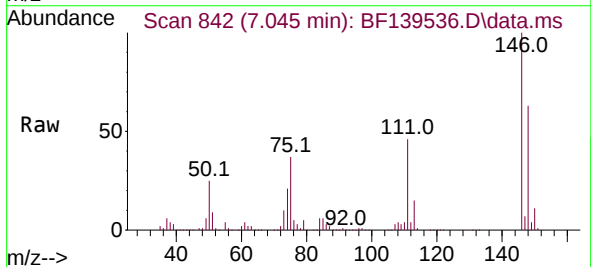
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

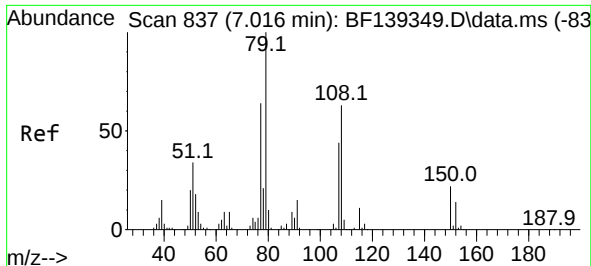
Tgt Ion:146 Resp: 269017
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 43.9 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 46.120 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:146 Resp: 259349
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
111 45.9 38.9 58.3

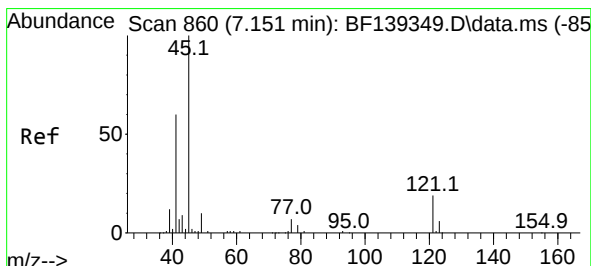
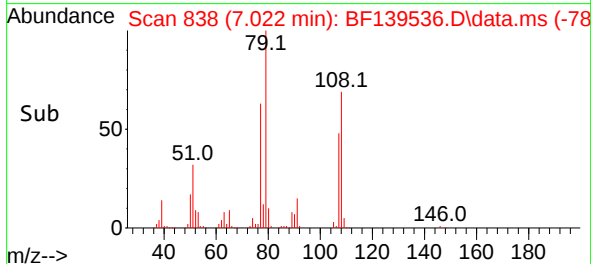
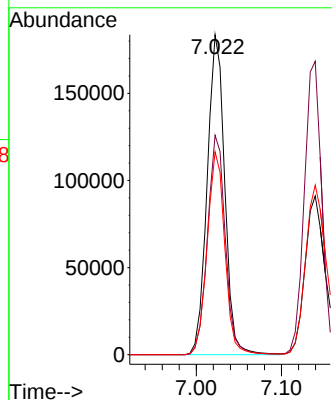
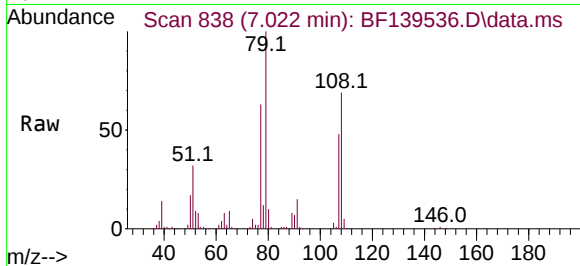




#15
Benzyl Alcohol
Concen: 49.867 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

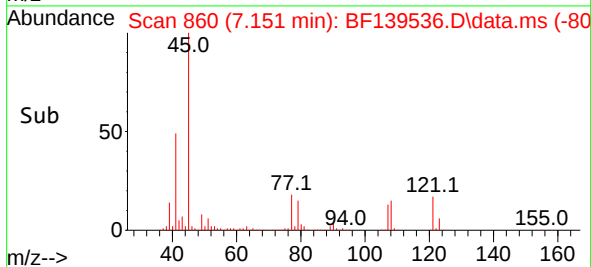
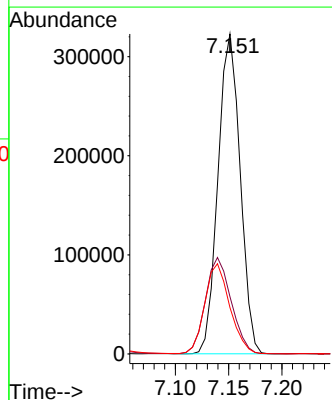
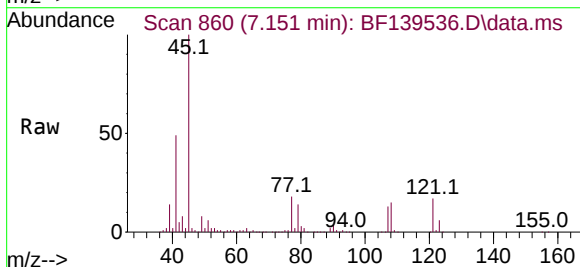
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

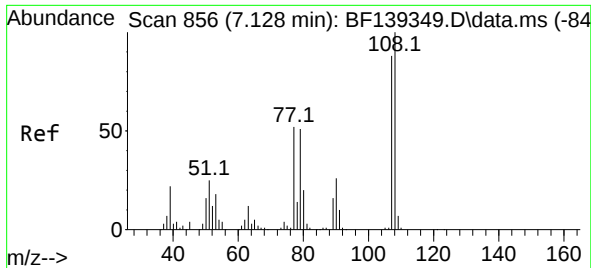
Tgt Ion: 79 Resp: 262693
Ion Ratio Lower Upper
79 100
108 68.6 50.4 75.6
77 63.4 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.155 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion: 45 Resp: 465978
Ion Ratio Lower Upper
45 100
77 17.9 0.0 32.0
79 14.5 0.0 29.1

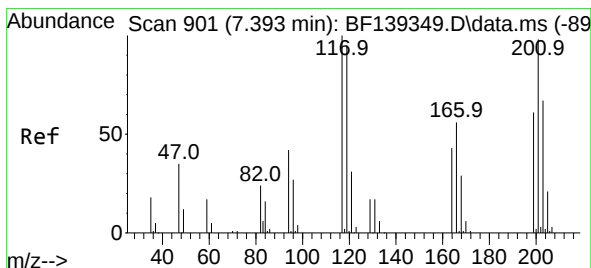
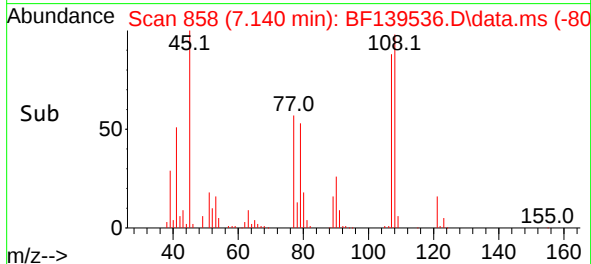
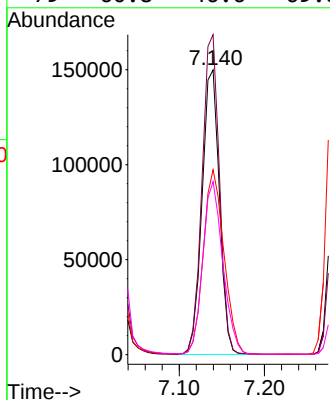
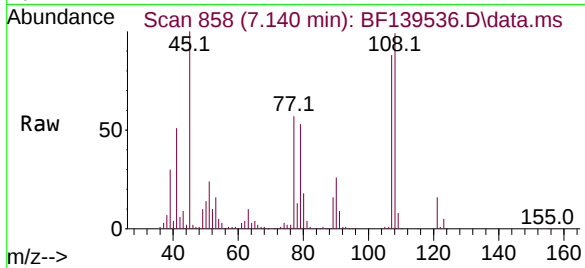




#17
2-Methylphenol
Concen: 51.531 ng
RT: 7.140 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

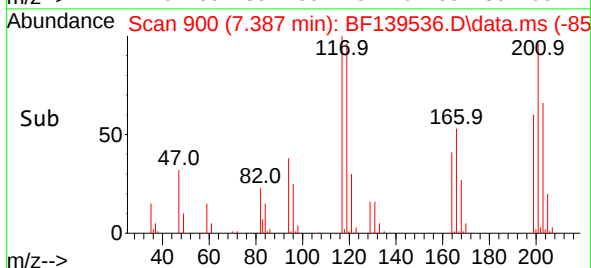
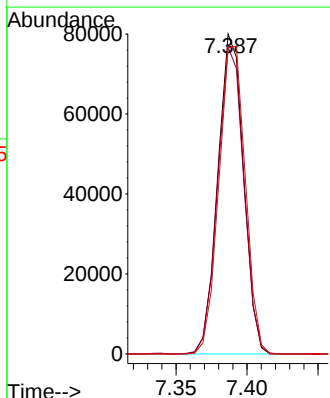
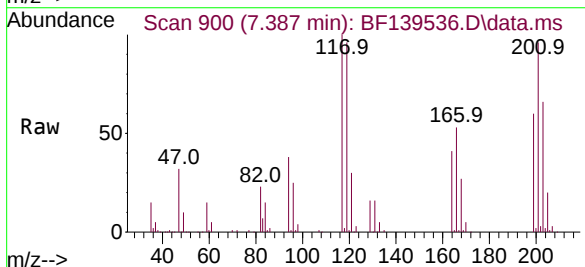
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

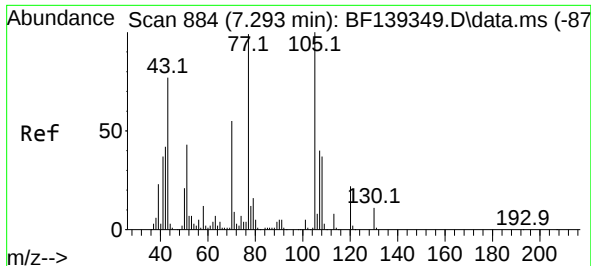
Tgt Ion:	107	Resp:	212007
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.5	135.7
77	64.9	47.1	70.7
79	60.8	46.6	69.8



#18
Hexachloroethane
Concen: 44.366 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:	117	Resp:	100566
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	95.7	78.6	118.0



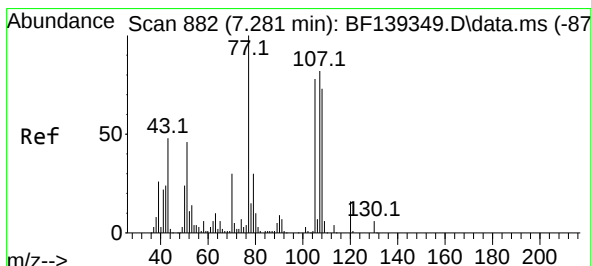
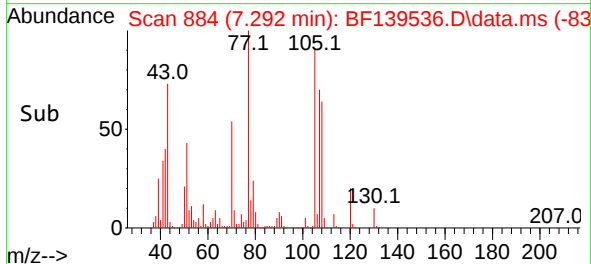
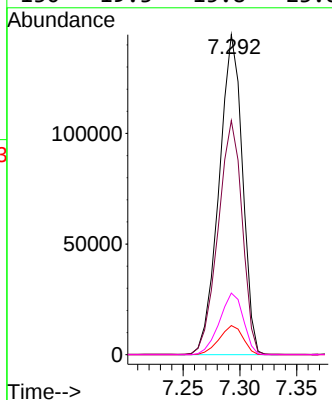
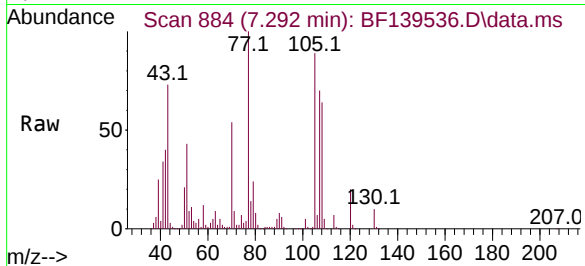


#19
n-Nitroso-di-n-propylamine
Concen: 53.064 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Tgt Ion: 70 Resp: 207628

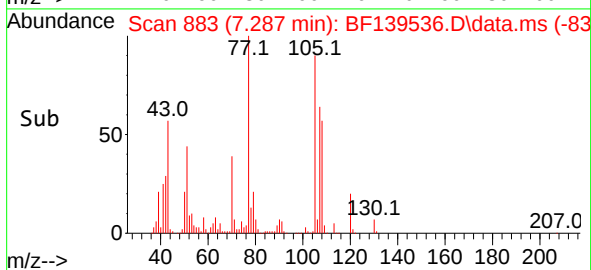
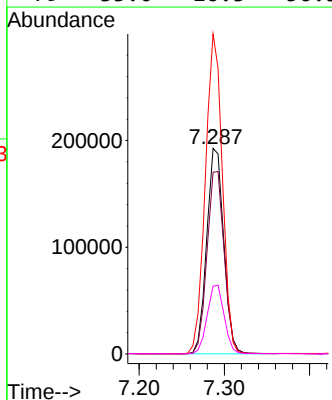
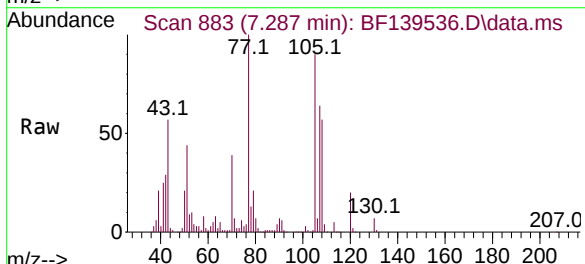
Ion	Ratio	Lower	Upper
70	100		
42	73.1	61.2	91.8
101	9.1	7.5	11.3
130	19.3	15.8	23.8

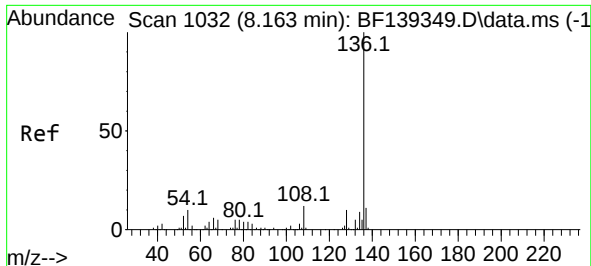


#20
3+4-Methylphenols
Concen: 47.590 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion: 107 Resp: 267127

Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.6	108.6
77	155.6	101.6	141.6#
79	33.0	16.3	56.3

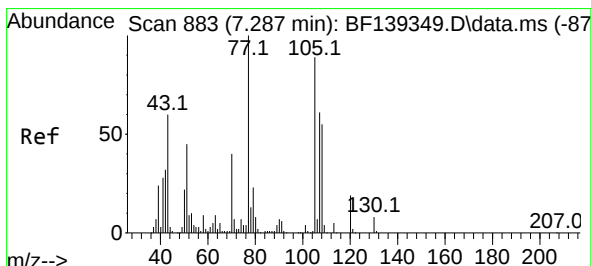
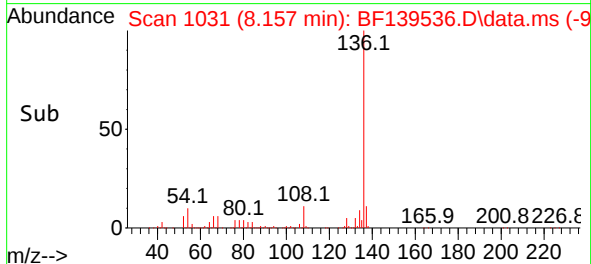
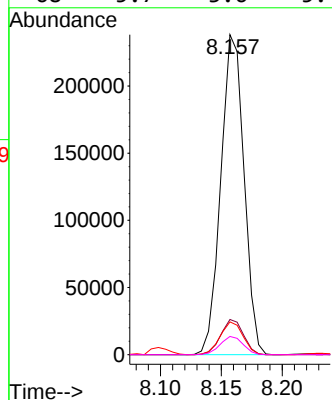
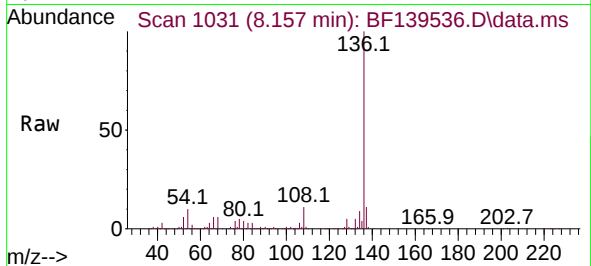




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

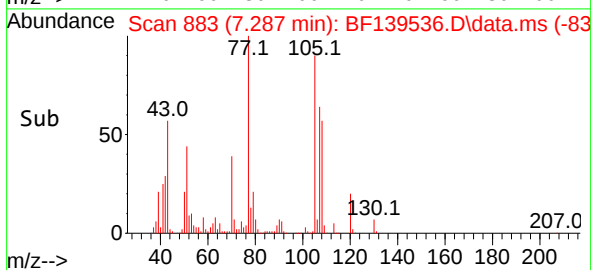
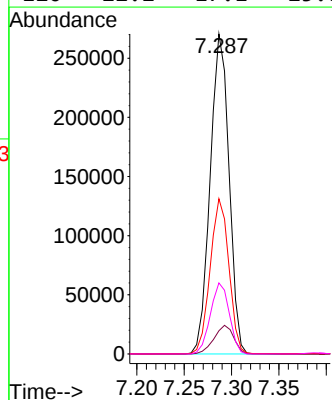
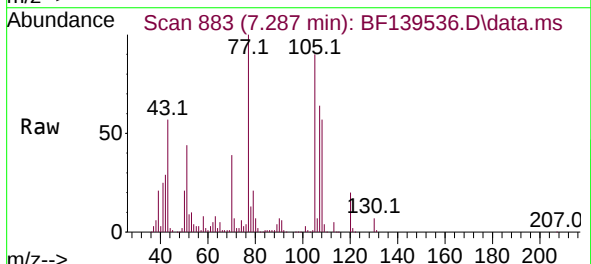
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Tgt Ion:136 Resp: 315781
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.2 7.8 11.8
68 5.7 3.6 5.4#



#22
Acetophenone
Concen: 45.310 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:105 Resp: 374058
Ion Ratio Lower Upper
105 100
71 7.2 5.9 8.9
51 48.5 40.0 60.0
120 22.2 17.1 25.7





#23

Nitrobenzene-d5

Concen: 92.874 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

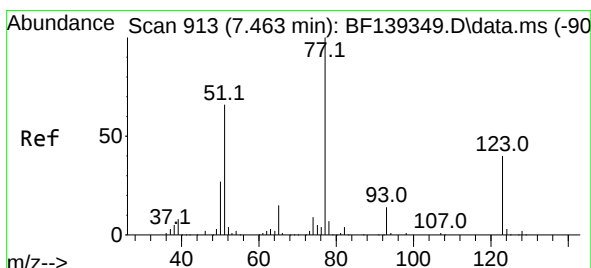
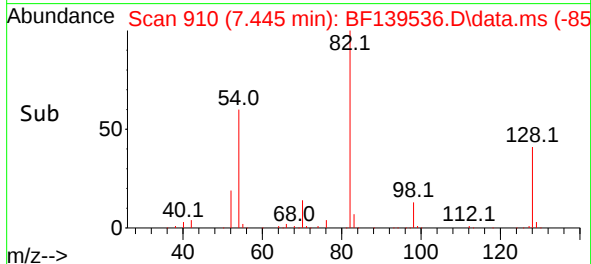
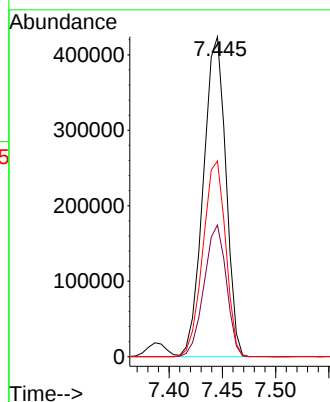
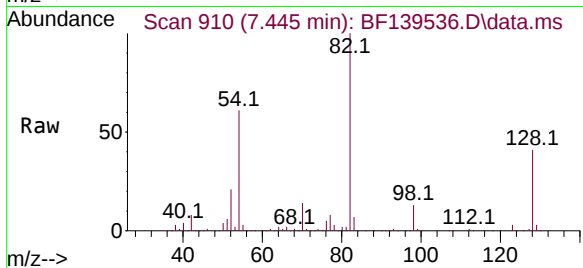
Tgt Ion: 82 Resp: 623847

Ion Ratio Lower Upper

82 100

128 41.2 31.8 47.6

54 61.1 50.6 75.8



#24

Nitrobenzene

Concen: 45.144 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

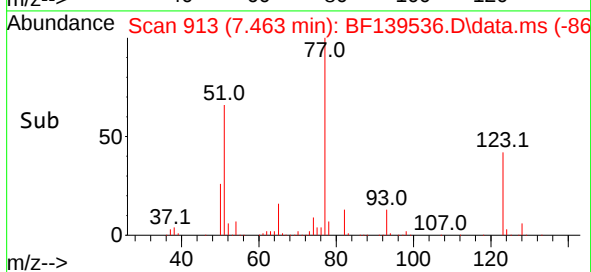
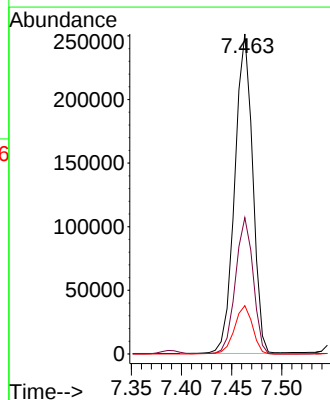
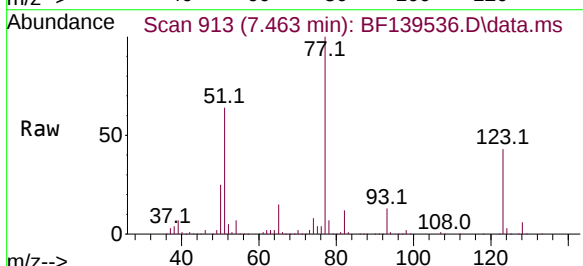
Tgt Ion: 77 Resp: 312093

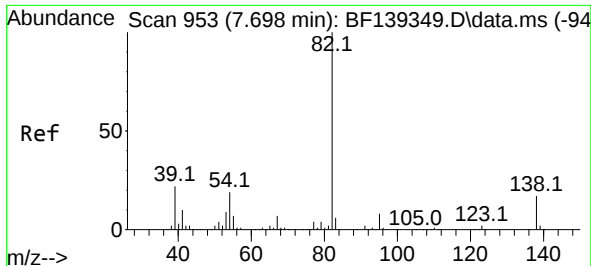
Ion Ratio Lower Upper

77 100

123 42.6 32.2 48.4

65 15.1 12.2 18.4

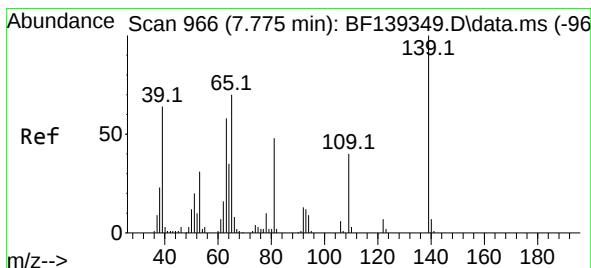
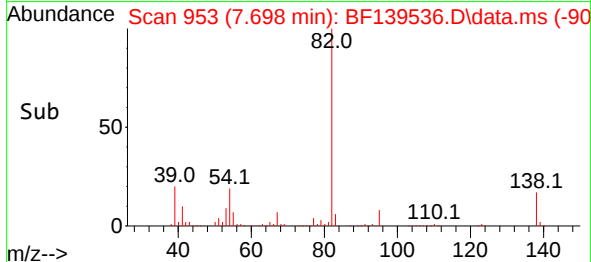
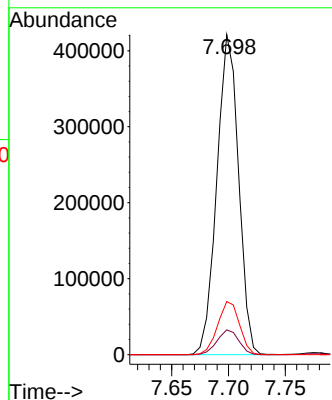
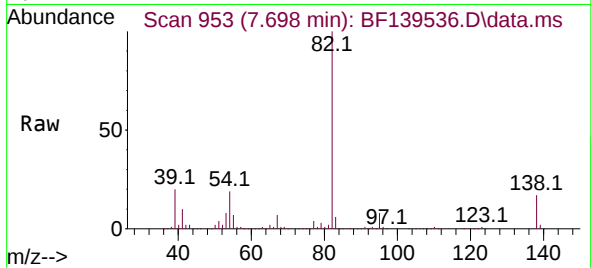




#25
Isophorone
Concen: 52.772 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

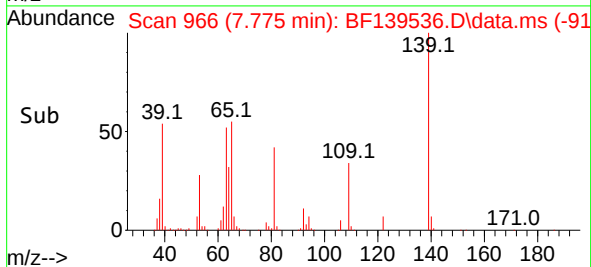
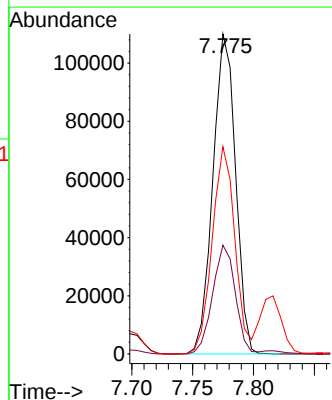
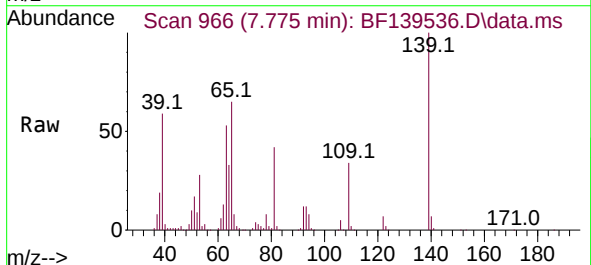
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

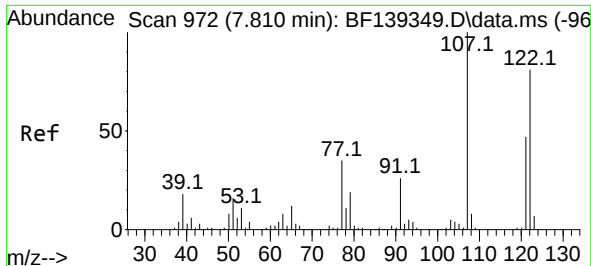
Tgt Ion: 82 Resp: 560611
Ion Ratio Lower Upper
82 100
95 7.8 6.7 10.1
138 16.6 13.3 19.9



#26
2-Nitrophenol
Concen: 52.898 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:139 Resp: 142475
Ion Ratio Lower Upper
139 100
109 34.0 32.2 48.2
65 64.7 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 59.080 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

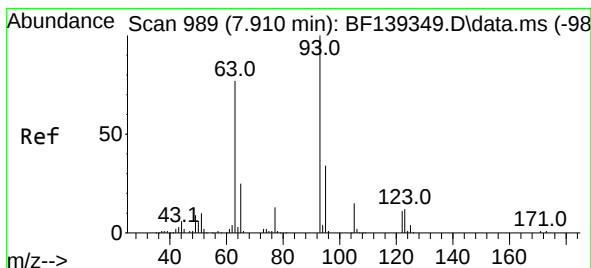
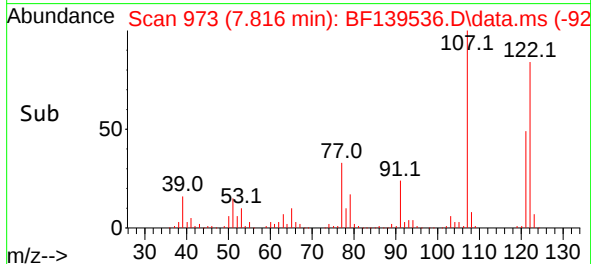
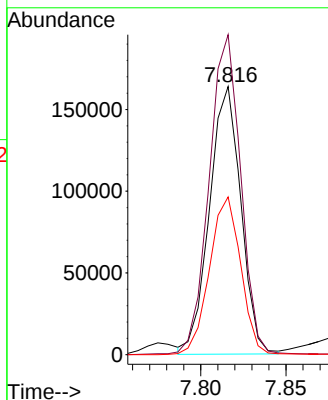
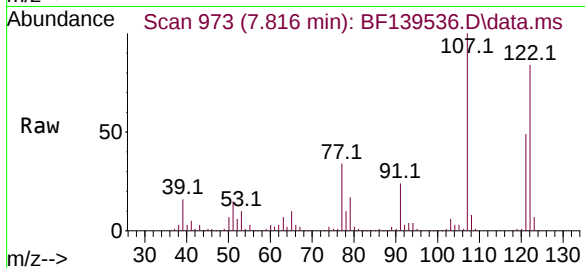
Tgt Ion:122 Resp: 209900

Ion Ratio Lower Upper

122 100

107 119.4 99.1 148.7

121 58.9 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 53.443 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

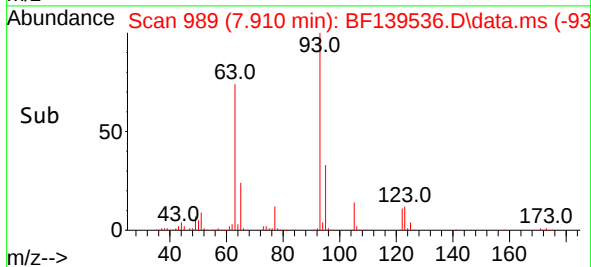
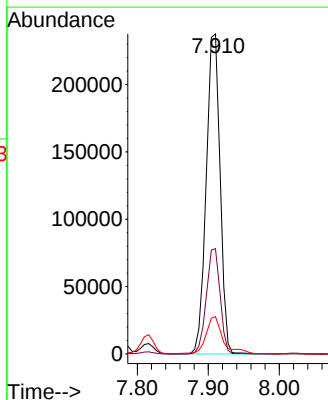
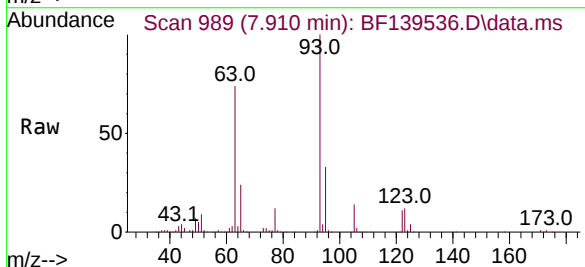
Tgt Ion: 93 Resp: 323567

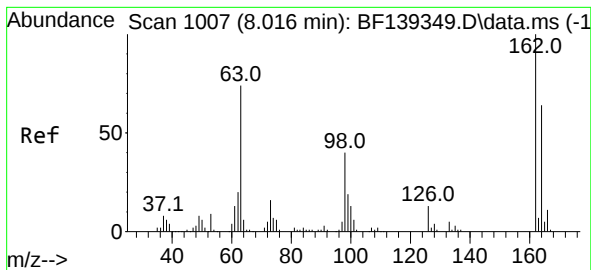
Ion Ratio Lower Upper

93 100

95 32.9 26.9 40.3

123 11.6 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 50.267 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

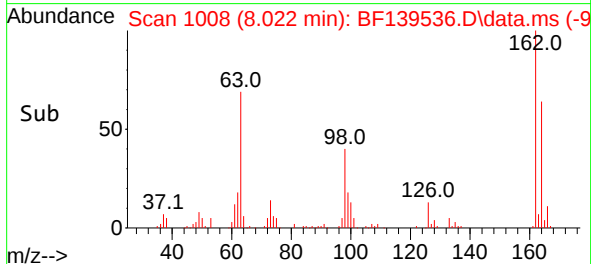
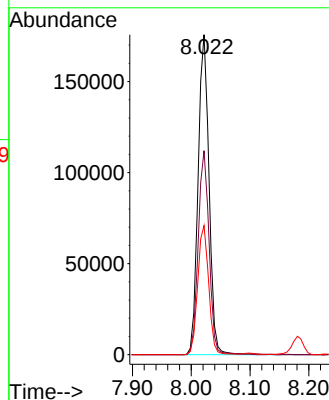
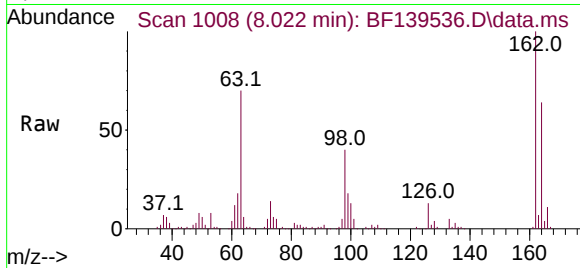
Tgt Ion:162 Resp: 226877

Ion Ratio Lower Upper

162 100

164 63.8 43.6 83.6

98 40.3 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 44.652 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

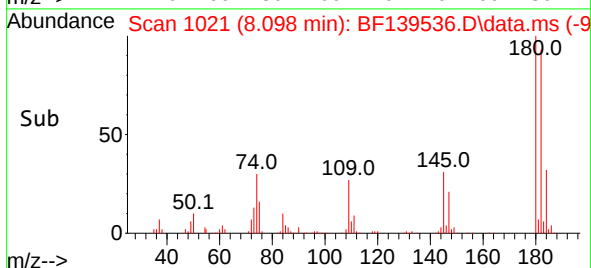
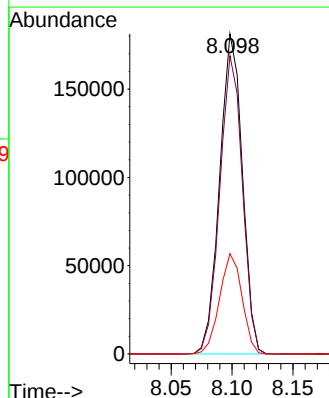
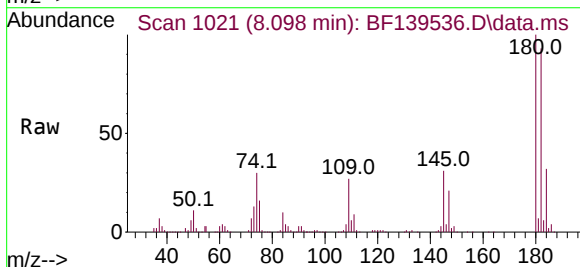
Tgt Ion:180 Resp: 234822

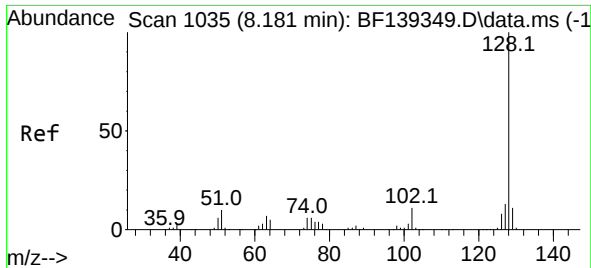
Ion Ratio Lower Upper

180 100

182 93.2 75.7 113.5

145 31.4 26.5 39.7

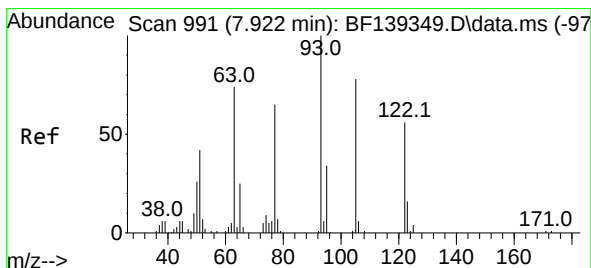
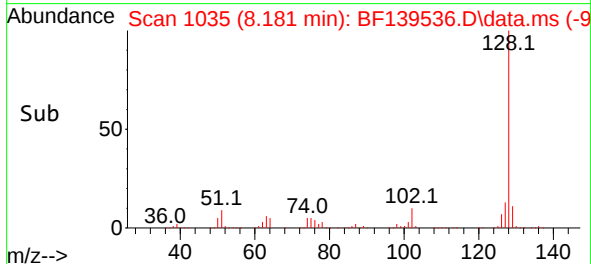
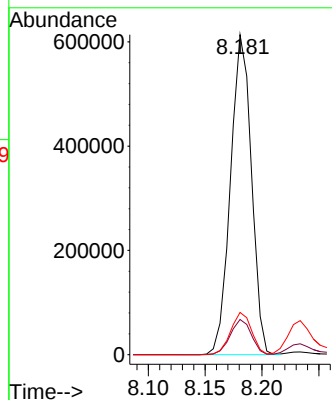
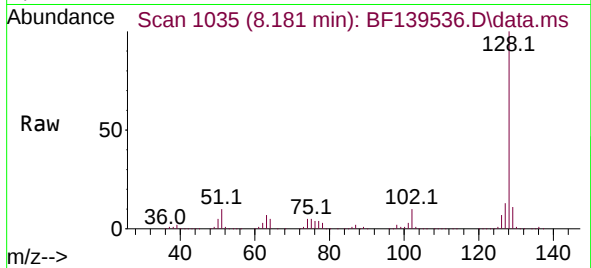




#31
Naphthalene
Concen: 47.620 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

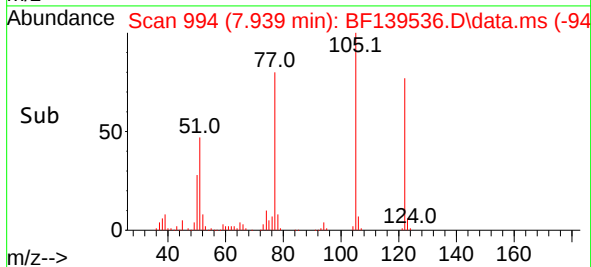
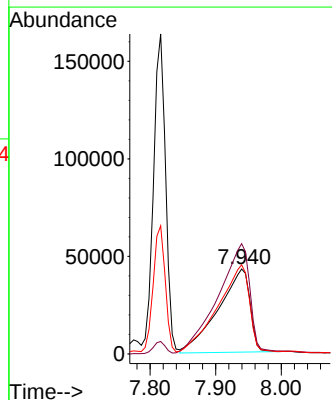
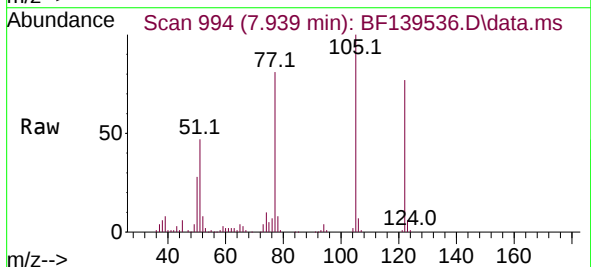
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

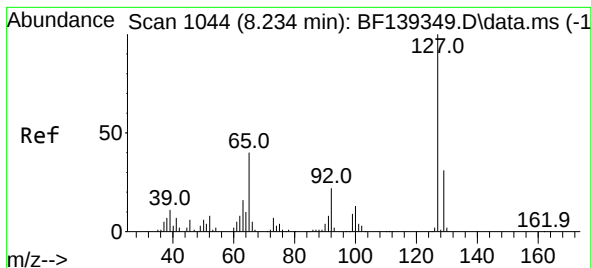
Tgt Ion:128 Resp: 785043
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 43.133 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:122 Resp: 143410
Ion Ratio Lower Upper
122 100
105 129.6 117.1 157.1
77 104.8 95.4 135.4





#33

4-Chloroaniline

Concen: 21.168 ng

RT: 8.234 min Scan# 1044

Delta R.T. -0.000 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

Tgt Ion:127 Resp: 106756

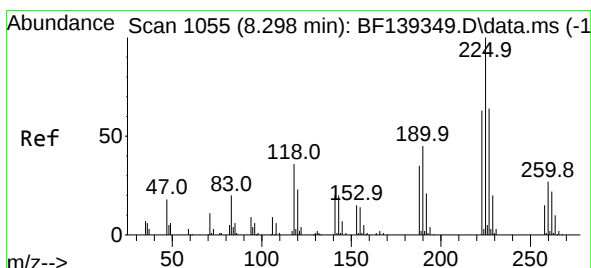
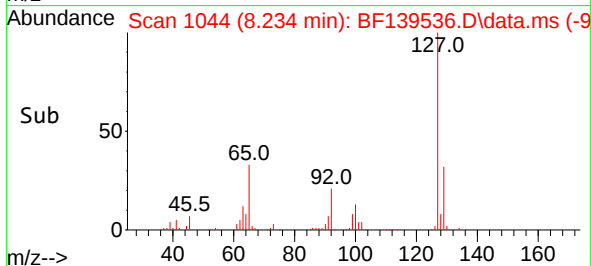
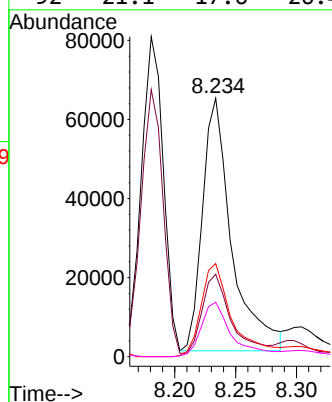
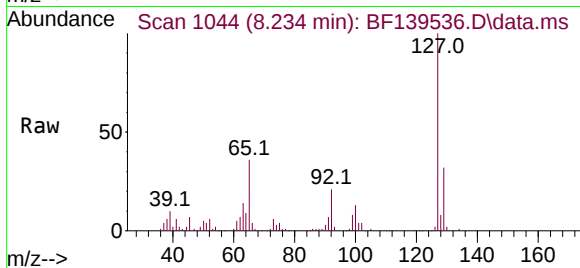
Ion Ratio Lower Upper

127 100

129 31.9 25.5 38.3

65 36.0 31.5 47.3

92 21.1 17.6 26.4



#34

Hexachlorobutadiene

Concen: 42.055 ng

RT: 8.292 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

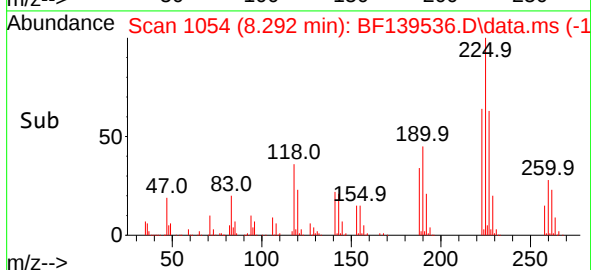
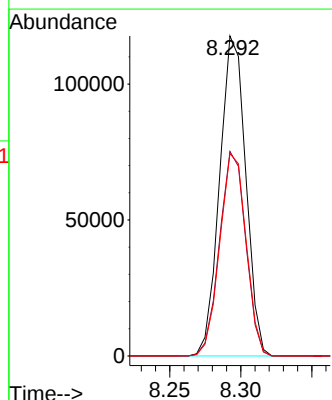
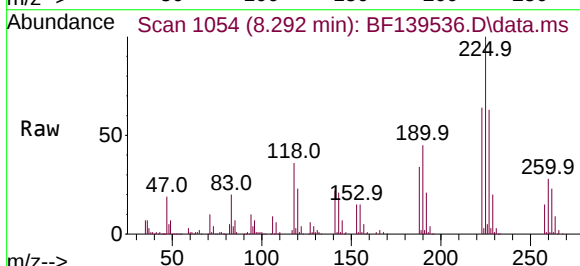
Tgt Ion:225 Resp: 150258

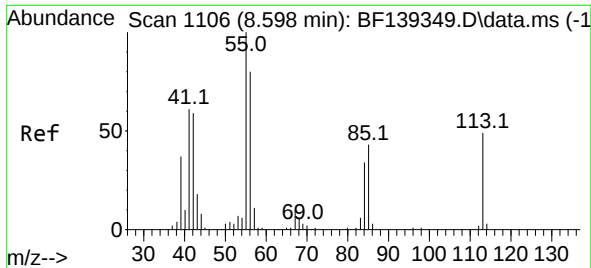
Ion Ratio Lower Upper

225 100

223 63.9 50.1 75.1

227 63.3 51.0 76.6

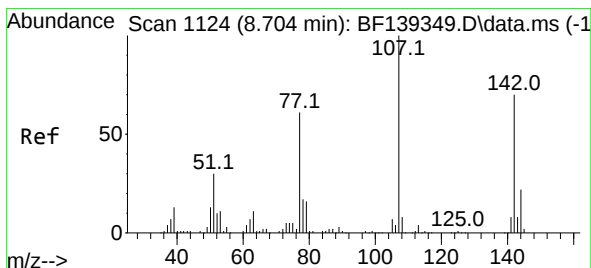
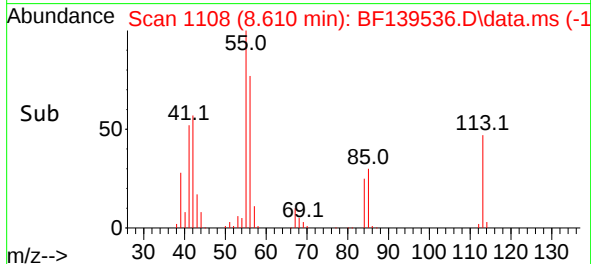
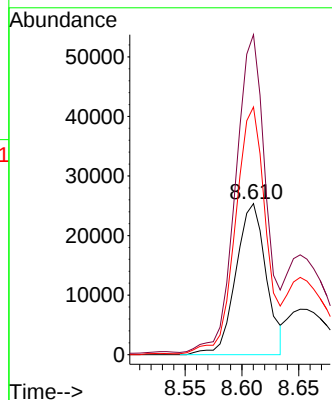
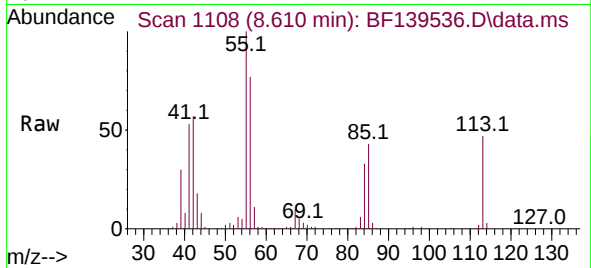




#35
 Caprolactam
 Concen: 33.836 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.012 min
 Lab File: BF139536.D
 Acq: 25 Sep 2024 18:50

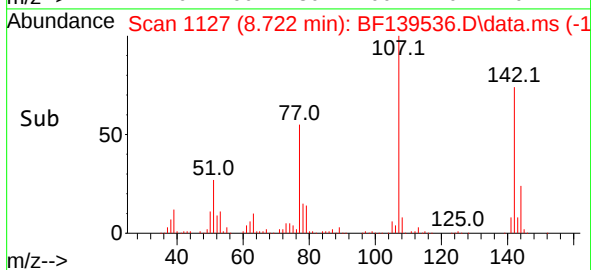
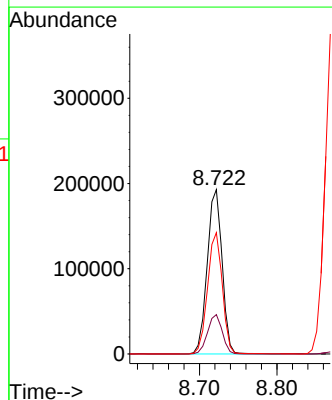
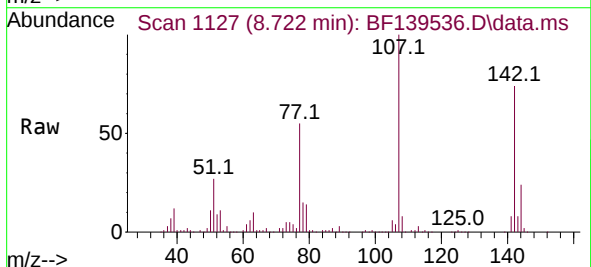
Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILEMS

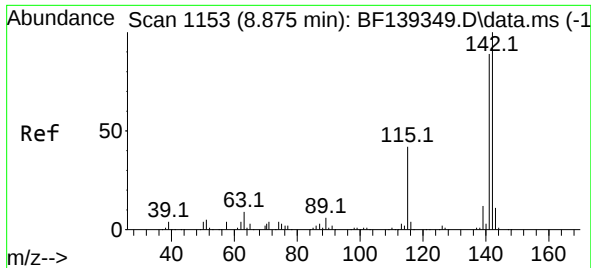
Tgt Ion:113 Resp: 46978
 Ion Ratio Lower Upper
 113 100
 55 211.9 186.1 226.1
 56 164.1 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 49.870 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.018 min
 Lab File: BF139536.D
 Acq: 25 Sep 2024 18:50

Tgt Ion:107 Resp: 257243
 Ion Ratio Lower Upper
 107 100
 144 23.9 17.5 26.3
 142 73.8 55.8 83.8

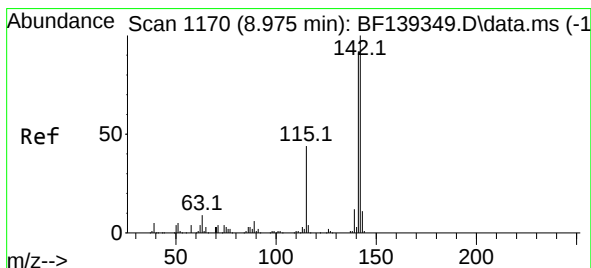
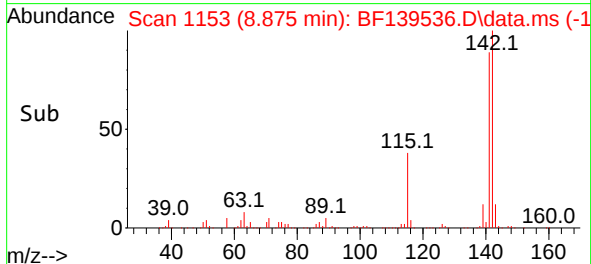
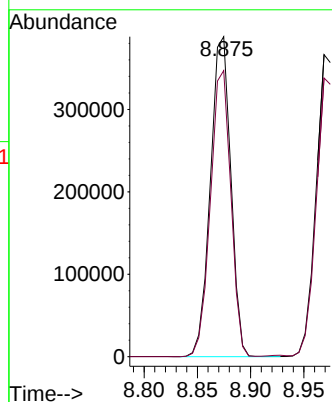
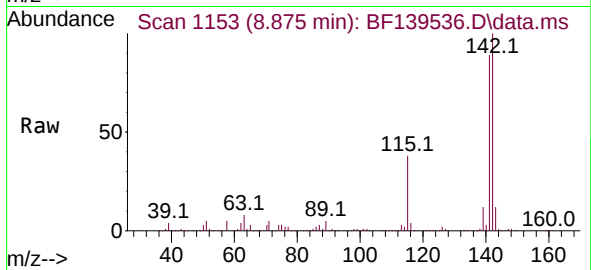




#37
2-Methylnaphthalene
Concen: 49.560 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

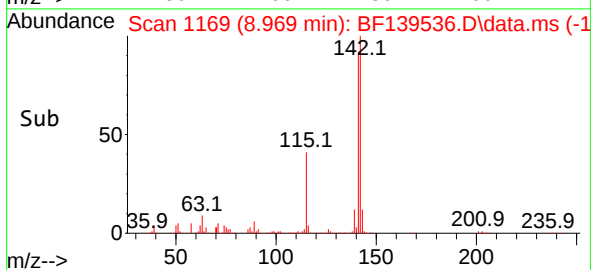
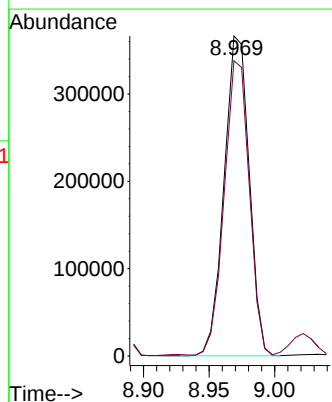
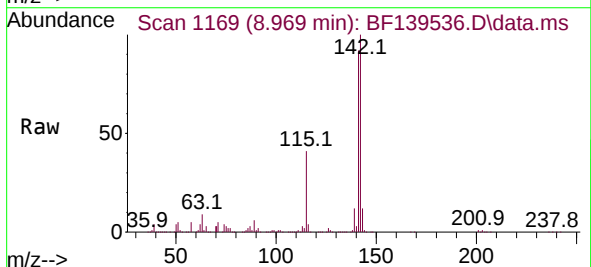
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

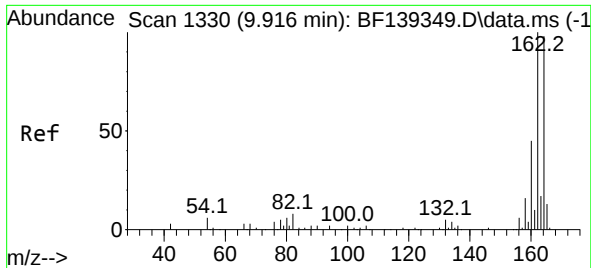
Tgt Ion:142 Resp: 518590
Ion Ratio Lower Upper
142 100
141 89.4 71.6 107.4



#38
1-Methylnaphthalene
Concen: 47.419 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:142 Resp: 487145
Ion Ratio Lower Upper
142 100
141 92.3 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: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

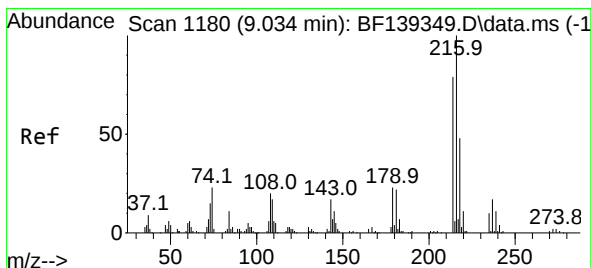
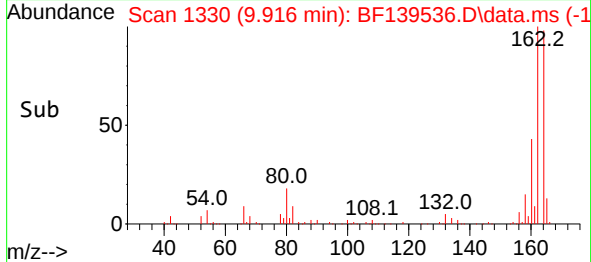
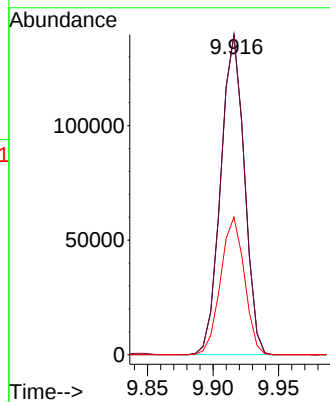
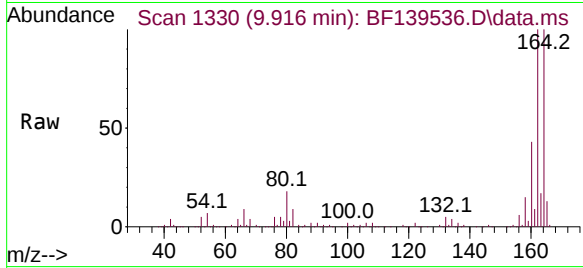
Tgt Ion:164 Resp: 174649

Ion Ratio Lower Upper

164 100

162 99.8 81.3 121.9

160 43.0 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.825 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Tgt Ion:216 Resp: 247543

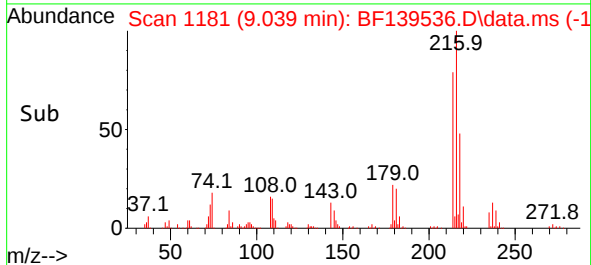
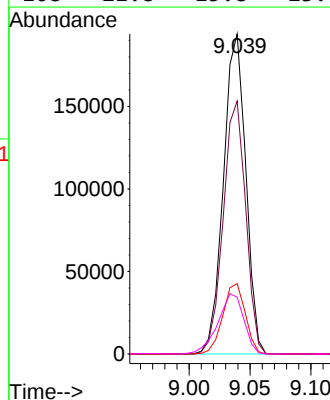
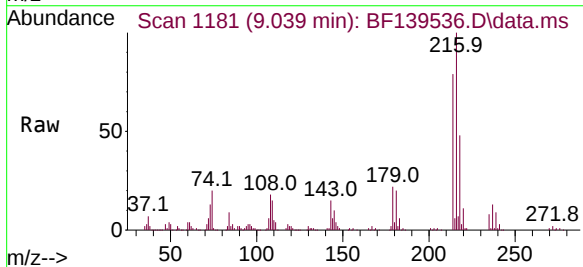
Ion Ratio Lower Upper

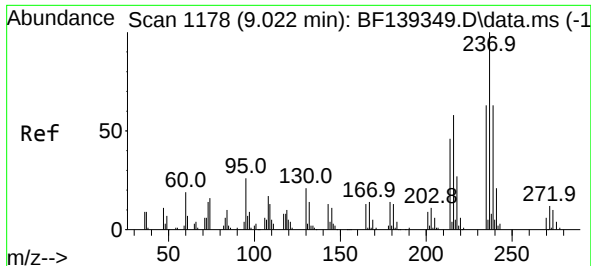
216 100

214 79.4 63.4 95.0

179 22.1 18.2 27.2

108 21.8 15.8 23.6

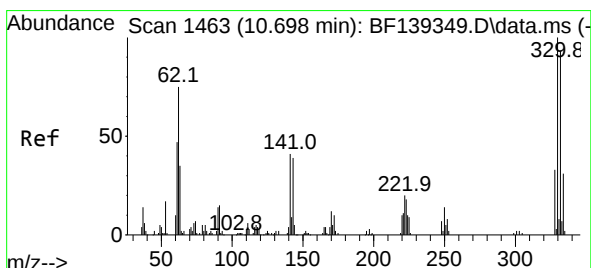
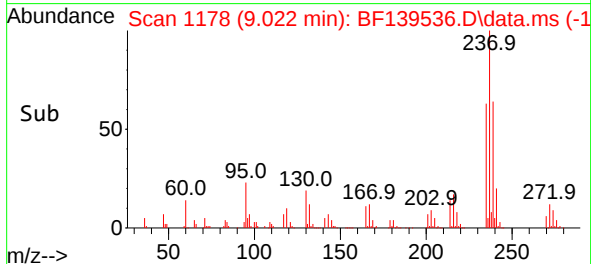
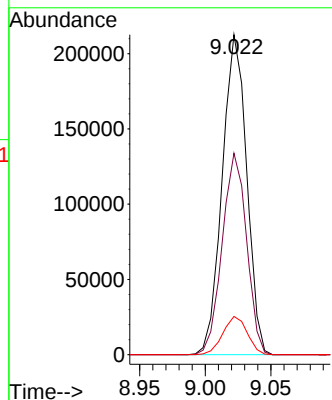
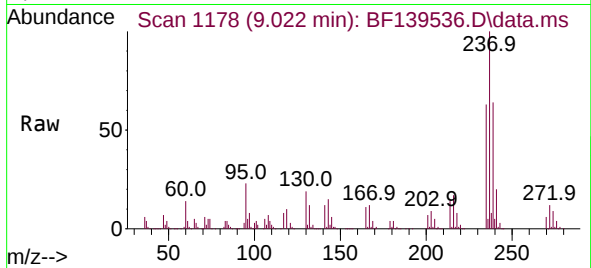




#41
Hexachlorocyclopentadiene
Concen: 152.551 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

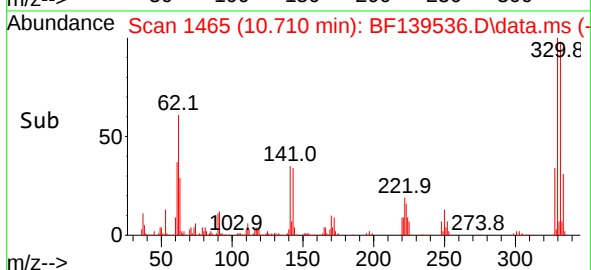
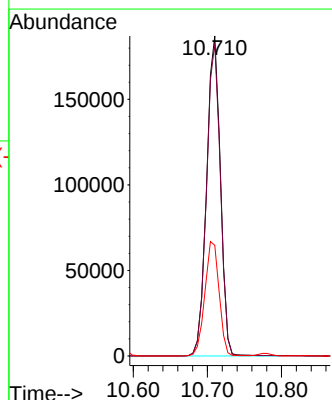
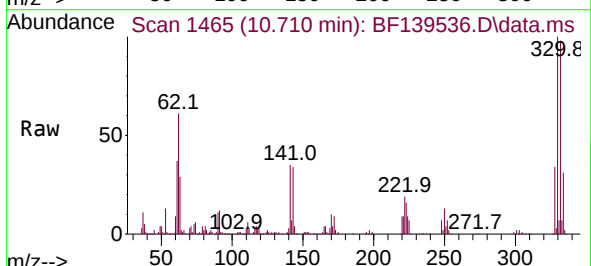
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

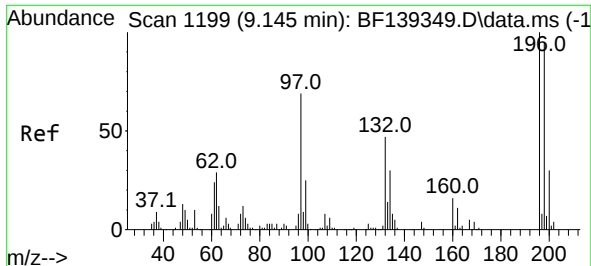
Tgt Ion:237 Resp: 275699
Ion Ratio Lower Upper
237 100
235 62.9 42.7 82.7
272 11.9 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 130.309 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:330 Resp: 242290
Ion Ratio Lower Upper
330 100
332 97.9 75.2 112.8
141 37.0 31.2 46.8

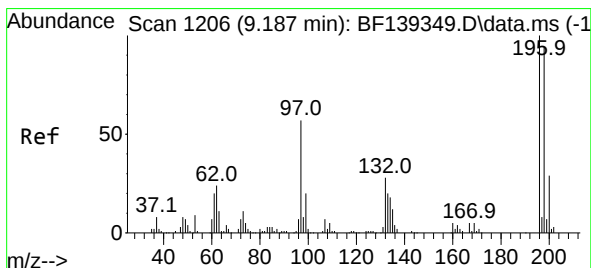
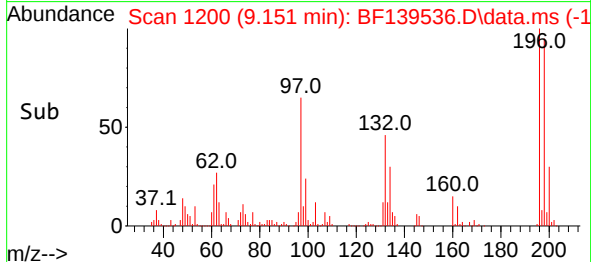
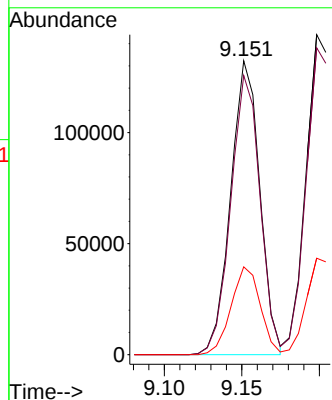
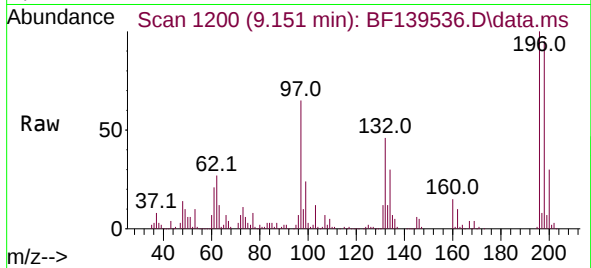




#43
2,4,6-Trichlorophenol
Concen: 51.435 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

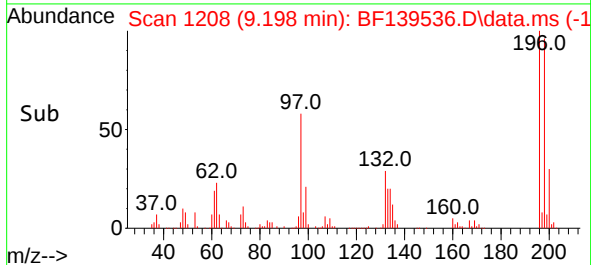
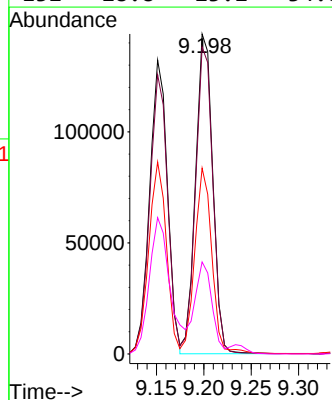
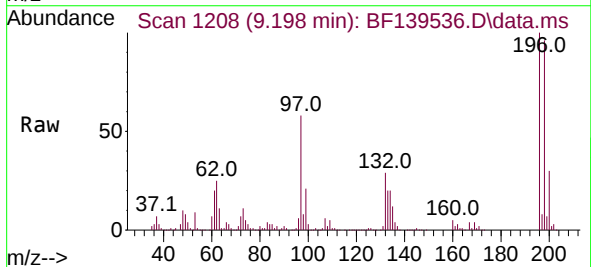
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

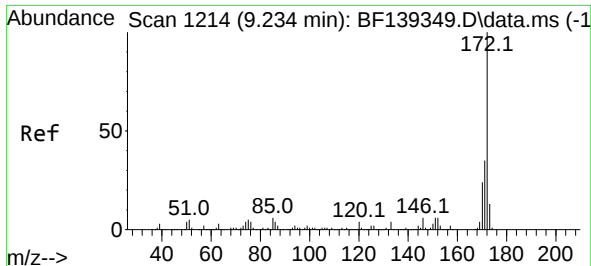
Tgt Ion:196 Resp: 173208
Ion Ratio Lower Upper
196 100
198 95.0 75.8 113.6
200 29.9 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 51.318 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:196 Resp: 182291
Ion Ratio Lower Upper
196 100
198 95.9 74.8 112.2
97 58.1 47.3 70.9
132 28.8 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 90.994 ng

RT: 9.234 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

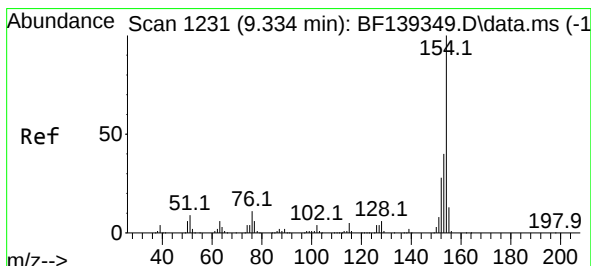
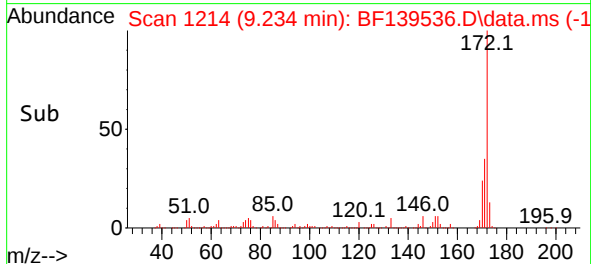
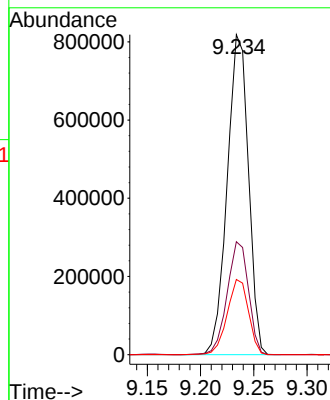
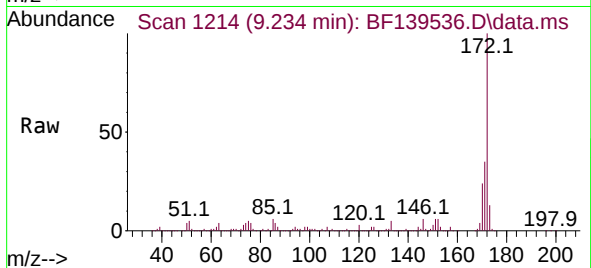
Tgt Ion:172 Resp: 1133101

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 49.294 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

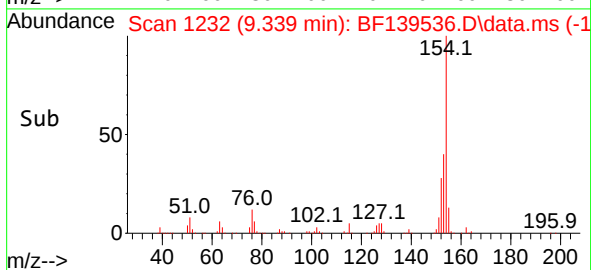
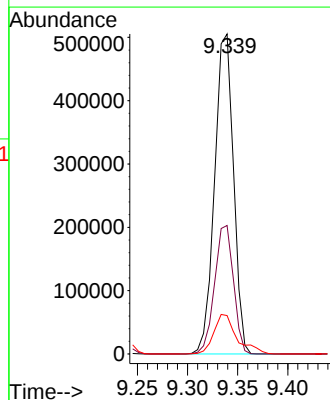
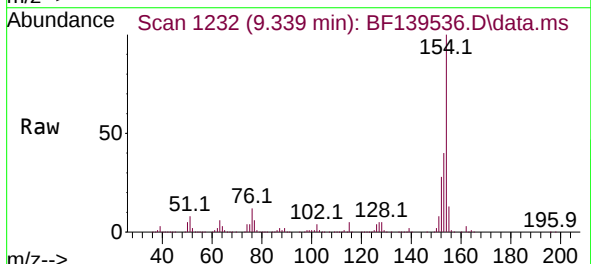
Tgt Ion:154 Resp: 662323

Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

76 12.0 0.0 31.1

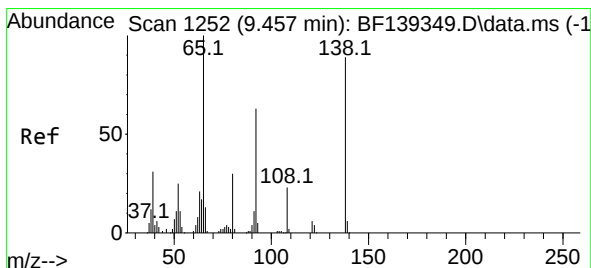
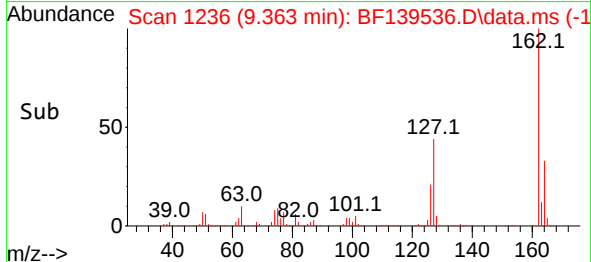
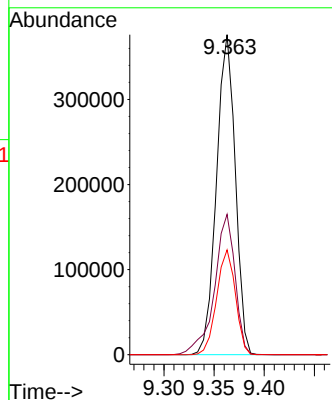
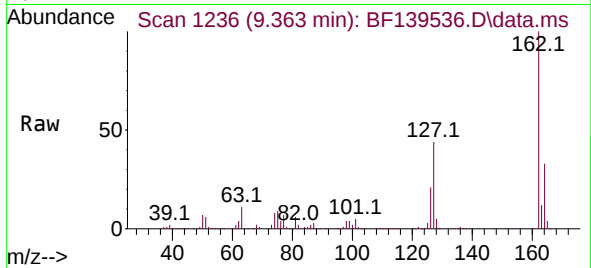




#47
2-Chloronaphthalene
Concen: 48.720 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

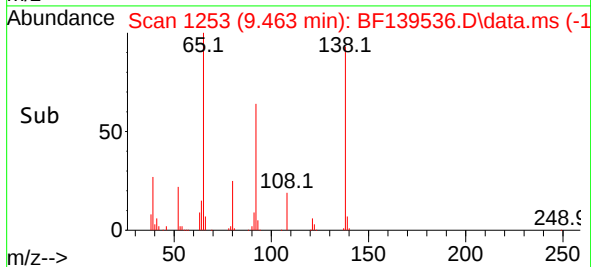
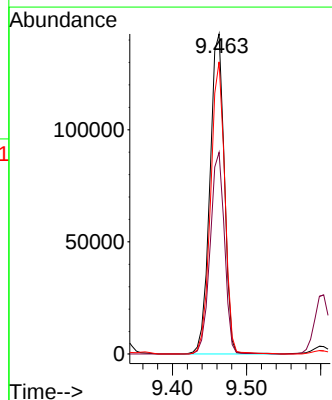
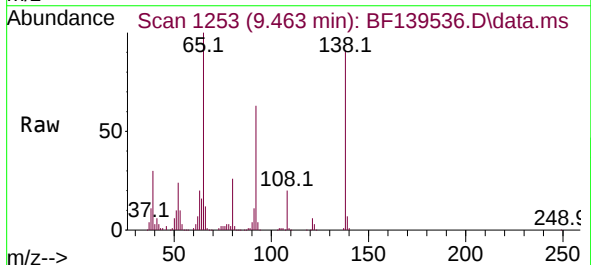
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

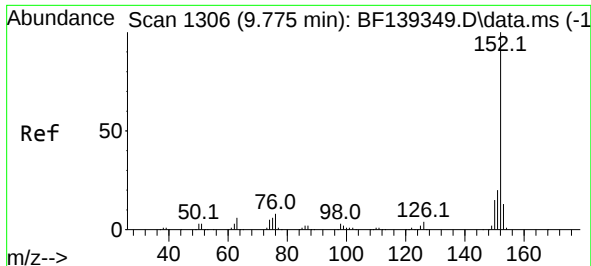
Tgt Ion:162 Resp: 489449
Ion Ratio Lower Upper
162 100
127 43.8 35.0 52.4
164 32.8 25.8 38.6



#48
2-Nitroaniline
Concen: 51.792 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion: 65 Resp: 193529
Ion Ratio Lower Upper
65 100
92 63.0 50.3 75.5
138 91.3 71.3 106.9





#49

Acenaphthylene

Concen: 53.874 ng

RT: 9.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

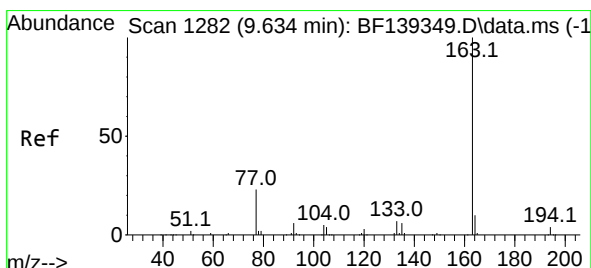
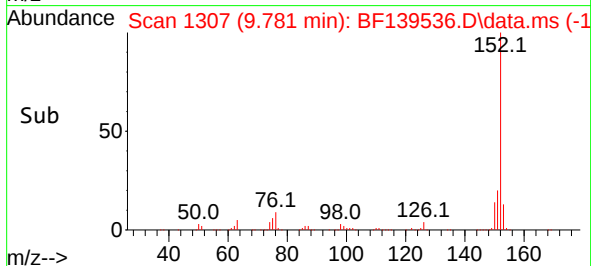
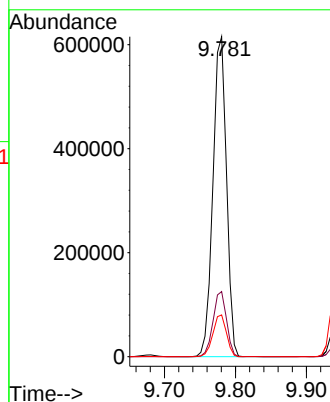
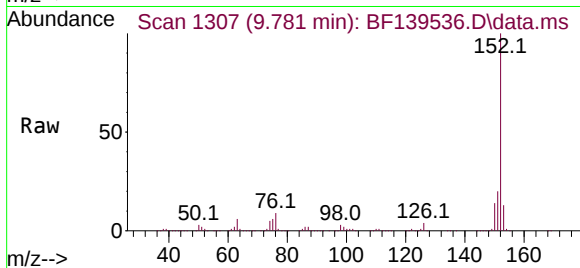
Tgt Ion:152 Resp: 814710

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.0 10.3 15.5



#50

Dimethylphthalate

Concen: 52.729 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

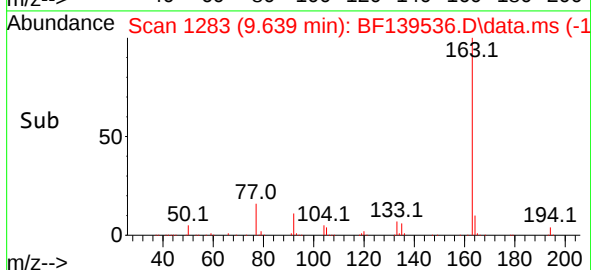
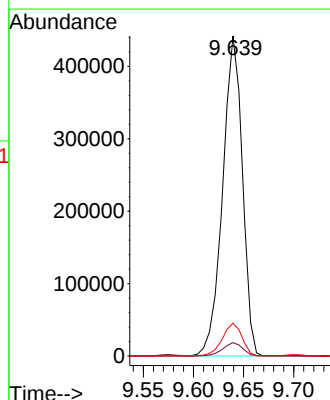
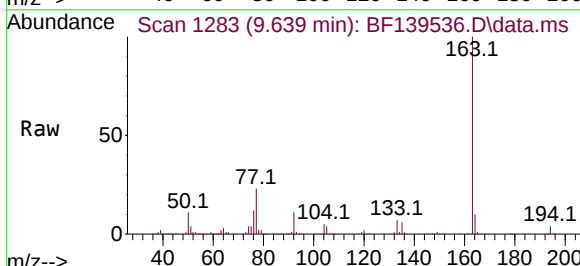
Tgt Ion:163 Resp: 604436

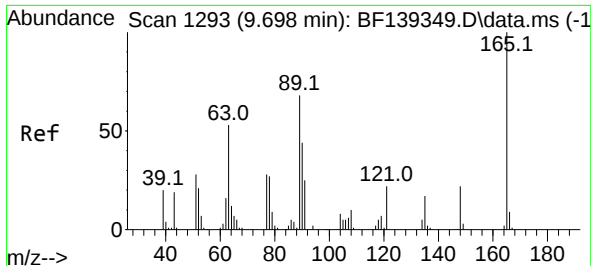
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 52.182 ng

RT: 9.704 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

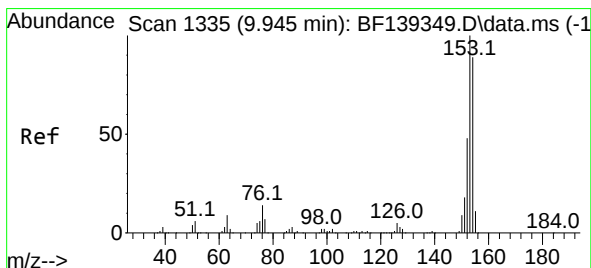
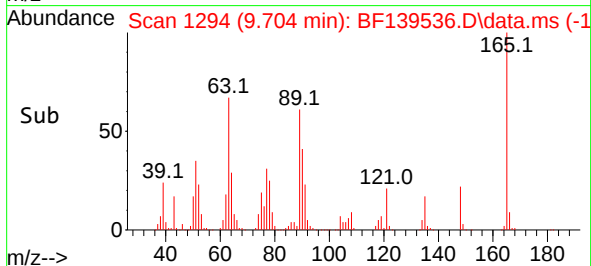
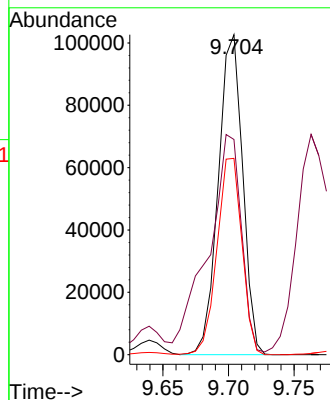
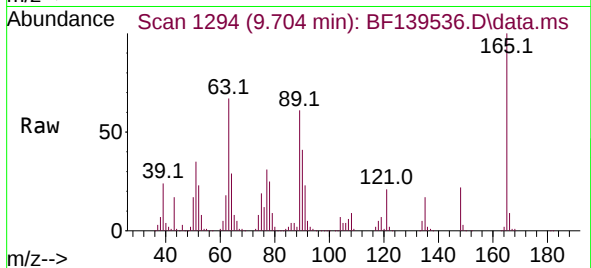
Tgt Ion:165 Resp: 132512

Ion Ratio Lower Upper

165 100

63 67.2 60.9 91.3

89 61.3 54.7 82.1



#52

Acenaphthene

Concen: 53.712 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

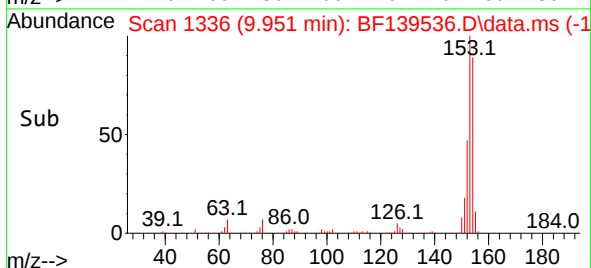
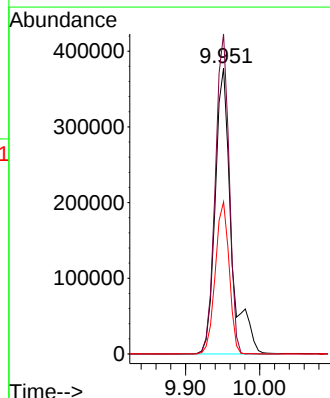
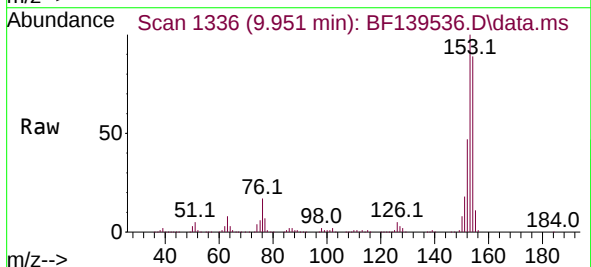
Tgt Ion:154 Resp: 566904

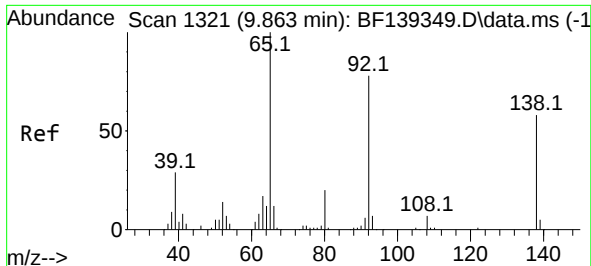
Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

152 53.2 42.6 64.0

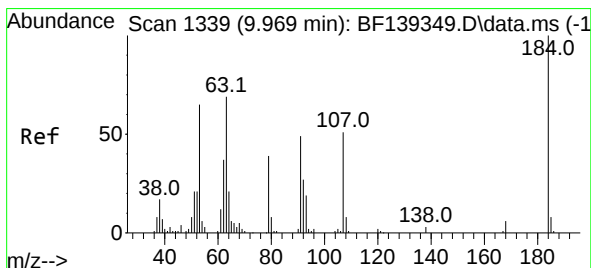
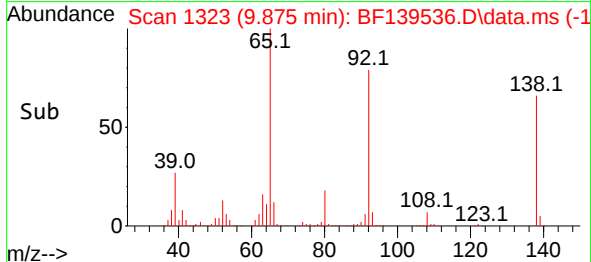
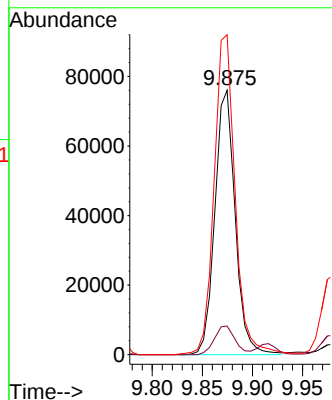
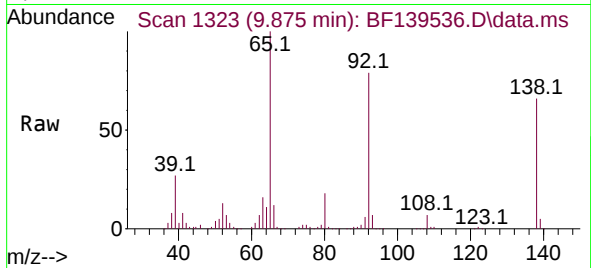




#53
3-Nitroaniline
Concen: 42.266 ng
RT: 9.875 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

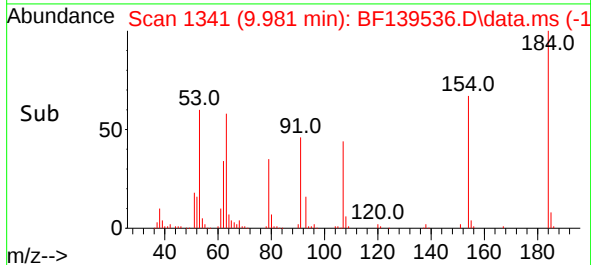
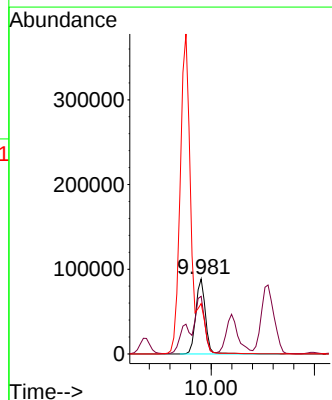
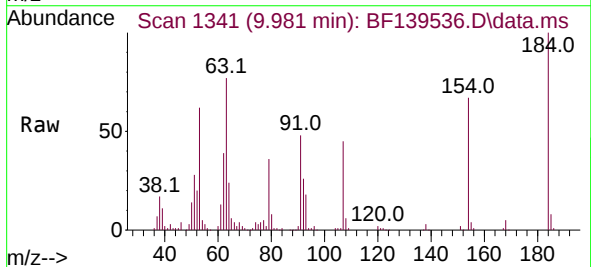
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

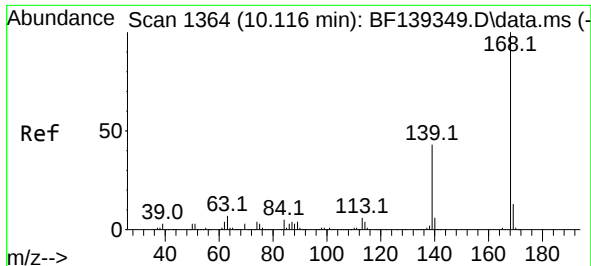
Tgt Ion:138 Resp: 107264
Ion Ratio Lower Upper
138 100
108 10.9 9.8 14.8
92 121.0 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 81.628 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:184 Resp: 115504
Ion Ratio Lower Upper
184 100
63 76.8 69.3 103.9
154 67.1 67.5 101.3#





#55

Dibenzofuran

Concen: 50.350 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

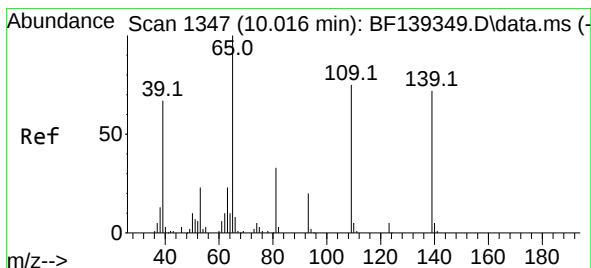
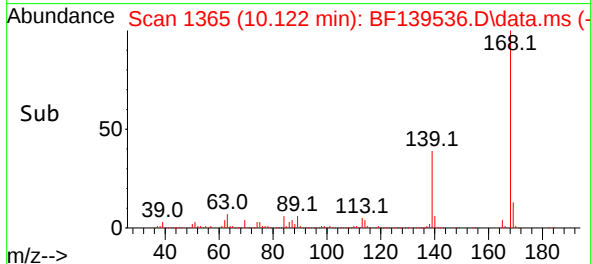
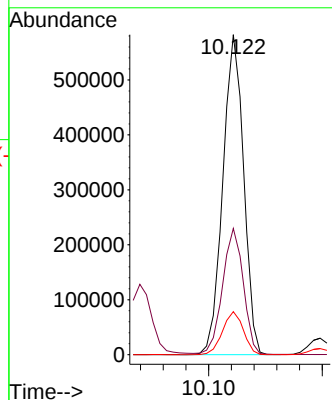
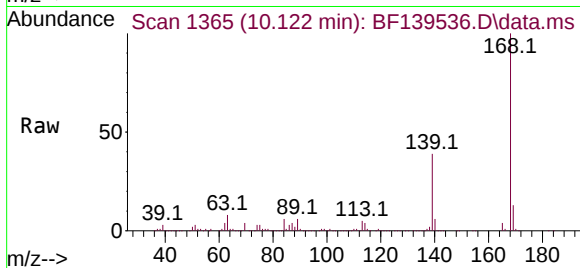
Tgt Ion:168 Resp: 740691

Ion Ratio Lower Upper

168 100

139 39.5 34.1 51.1

169 13.5 10.5 15.7



#56

4-Nitrophenol

Concen: 85.507 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.023 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

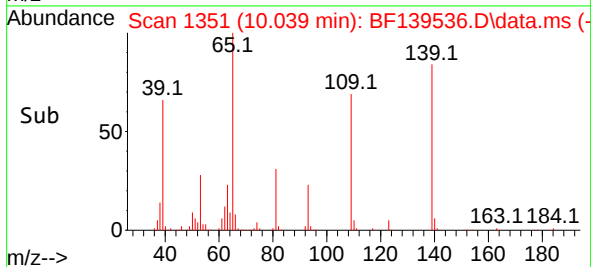
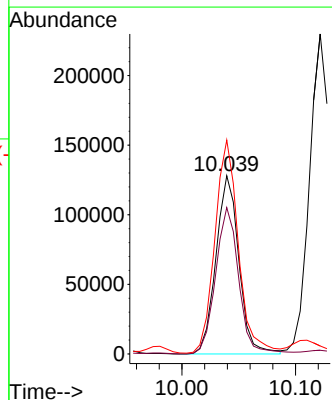
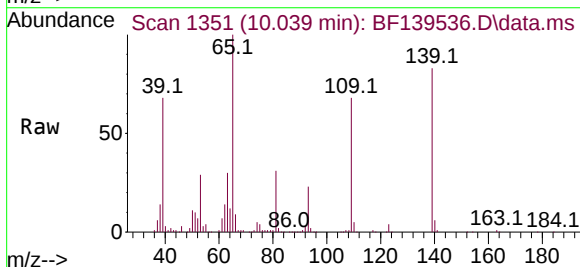
Tgt Ion:139 Resp: 179559

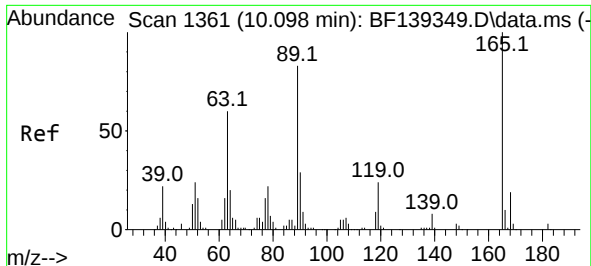
Ion Ratio Lower Upper

139 100

109 82.1 84.1 124.1#

65 120.0 120.0 160.0

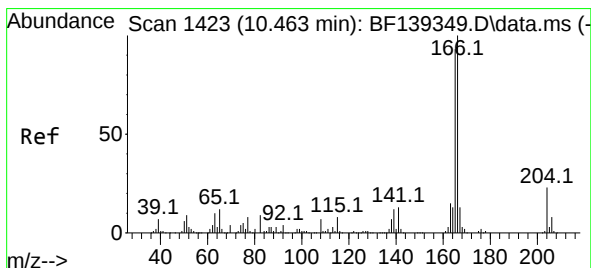
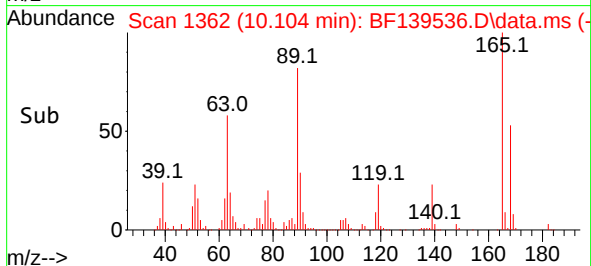
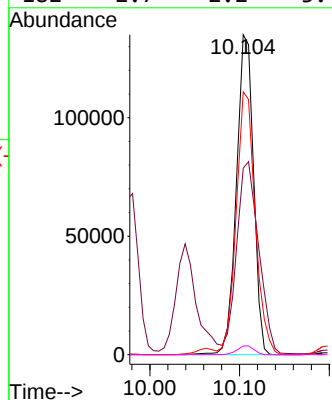
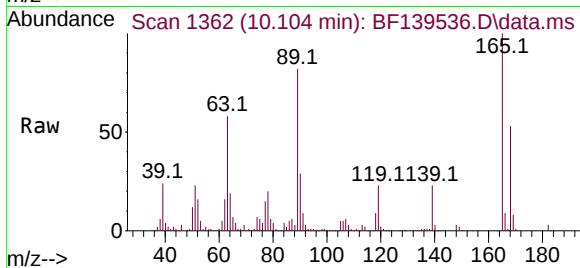




#57
2,4-Dinitrotoluene
Concen: 52.180 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

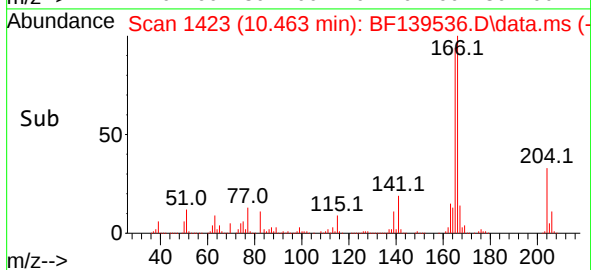
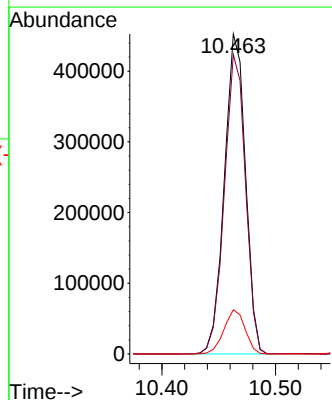
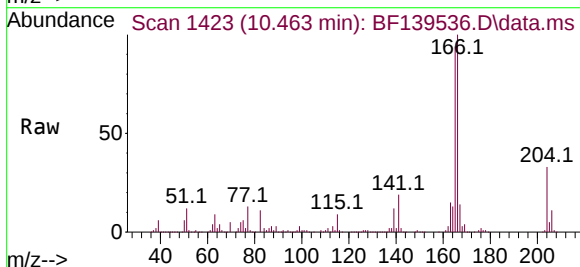
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Tgt Ion:165 Resp: 178895
Ion Ratio Lower Upper
165 100
63 58.3 47.8 71.6
89 82.2 66.7 100.1
182 2.7 2.2 3.4



#58
Fluorene
Concen: 48.723 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:166 Resp: 584809
Ion Ratio Lower Upper
166 100
165 93.6 74.5 111.7
167 13.8 10.6 16.0

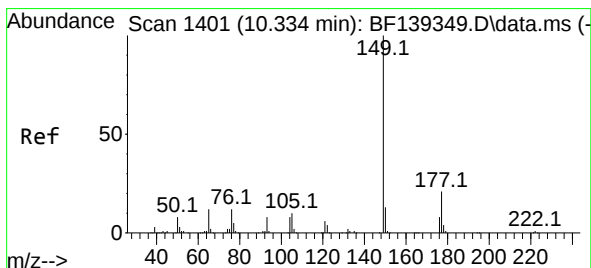
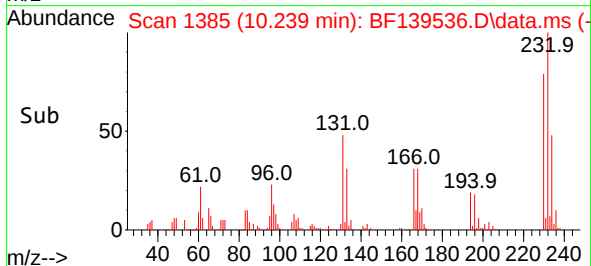
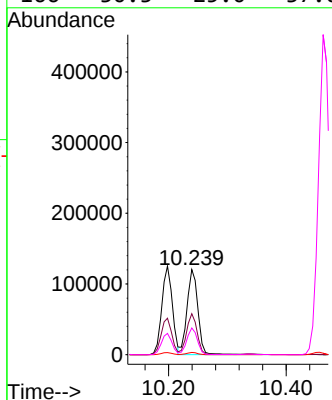
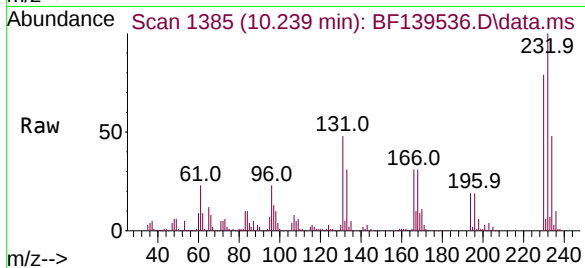




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.623 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

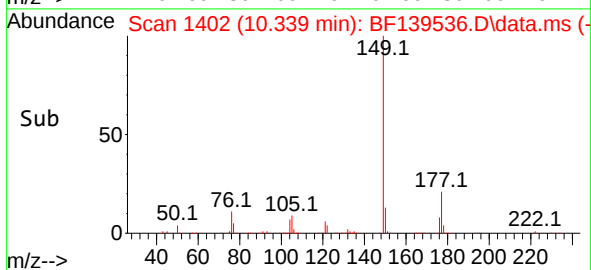
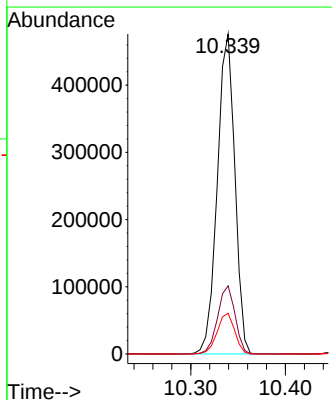
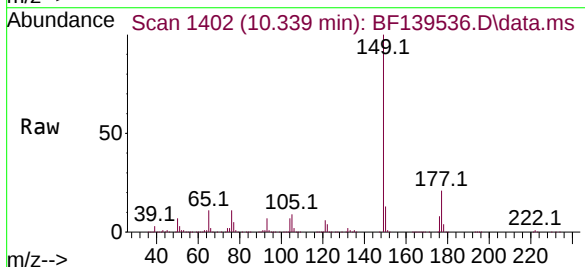
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

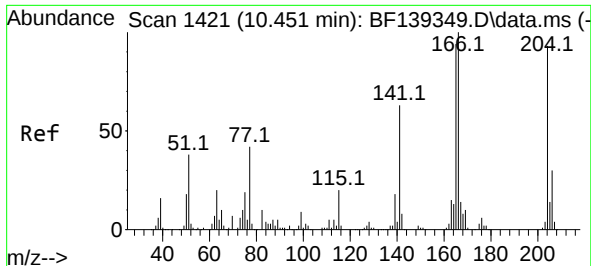
Tgt Ion:232 Resp: 154630
Ion Ratio Lower Upper
232 100
131 47.3 40.7 61.1
130 2.6 2.2 3.2
166 30.3 25.0 37.6



#60
Diethylphthalate
Concen: 51.876 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:149 Resp: 613661
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 12.7 10.6 15.8

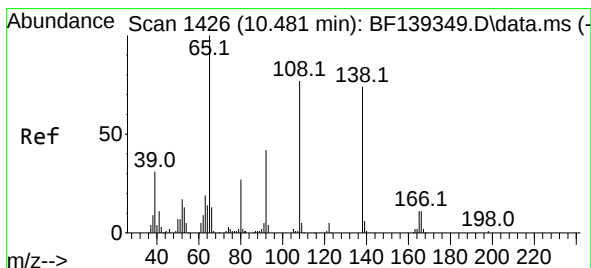
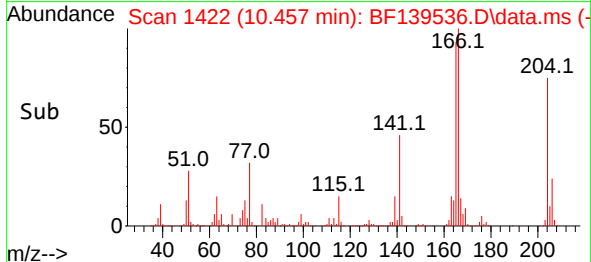
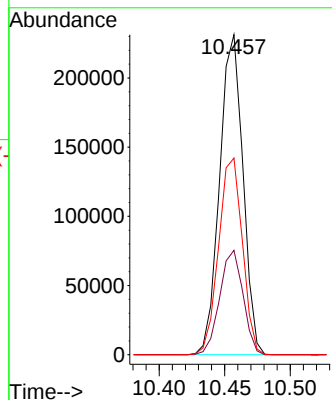
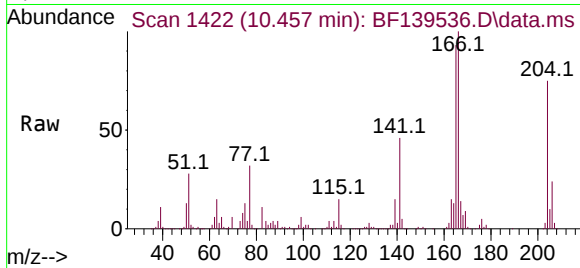




#61
4-Chlorophenyl-phenylether
Concen: 48.947 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

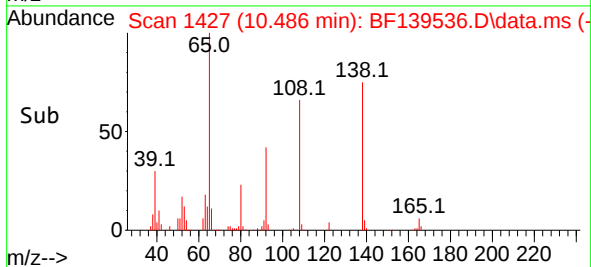
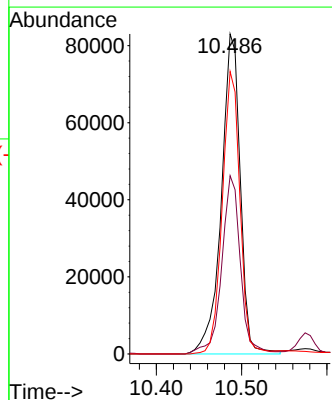
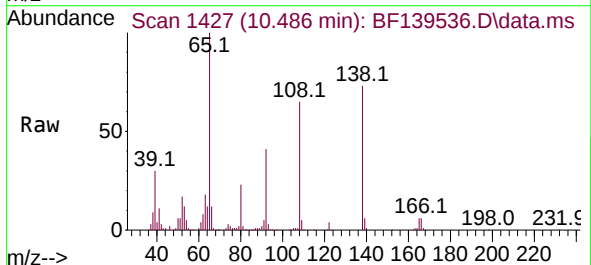
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

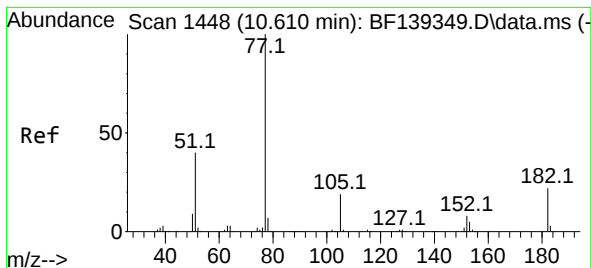
Tgt Ion:204 Resp: 285519
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 61.4 53.9 80.9



#62
4-Nitroaniline
Concen: 46.301 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:138 Resp: 128242
Ion Ratio Lower Upper
138 100
92 55.7 37.0 77.0
108 88.2 84.4 124.4





#63

Azobenzene

Concen: 52.296 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

Tgt Ion: 77 Resp: 608449

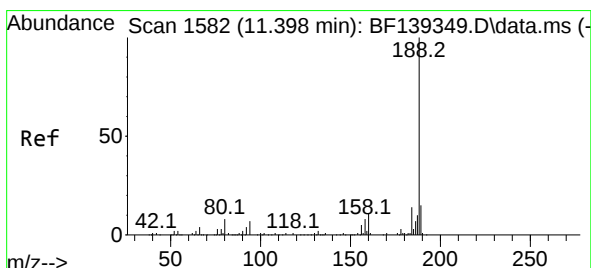
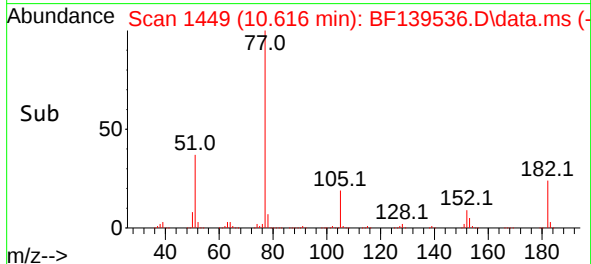
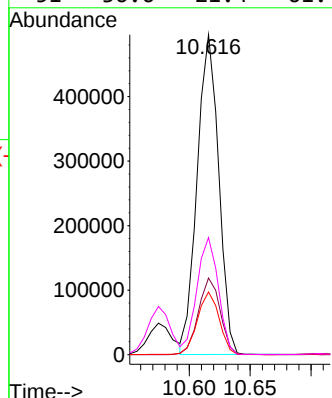
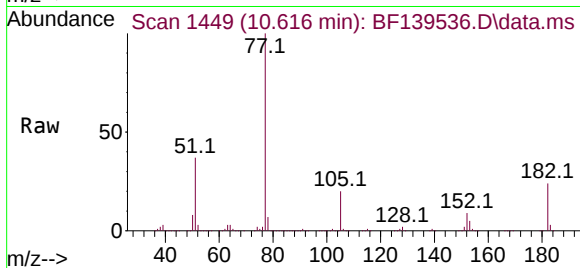
Ion Ratio Lower Upper

77 100

182 23.9 1.8 41.8

105 19.6 0.0 38.6

51 36.6 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

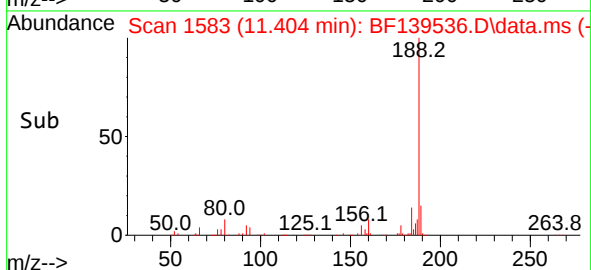
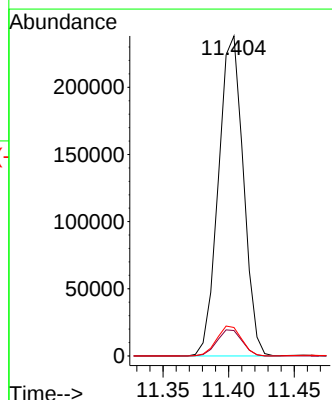
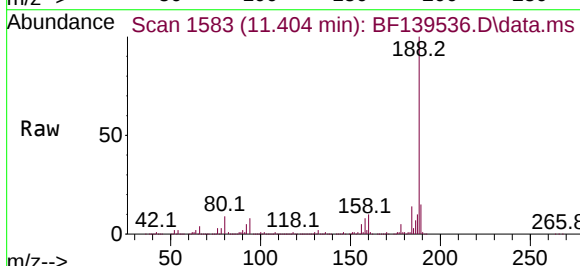
Tgt Ion:188 Resp: 314578

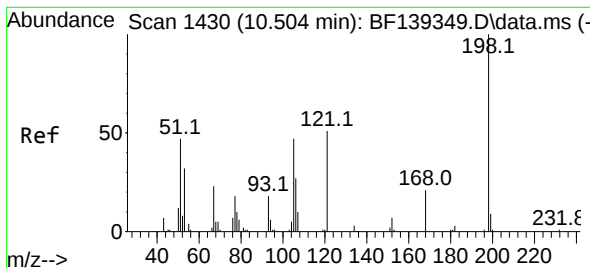
Ion Ratio Lower Upper

188 100

94 8.0 5.5 8.3

80 8.9 6.6 9.8

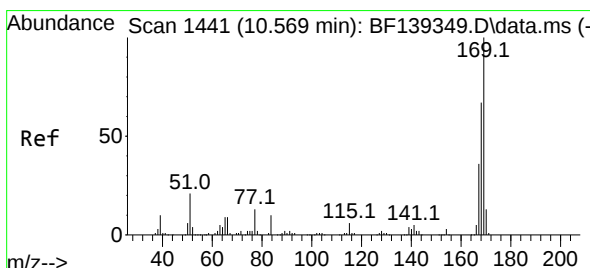
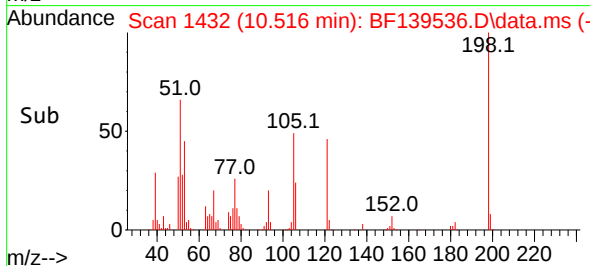
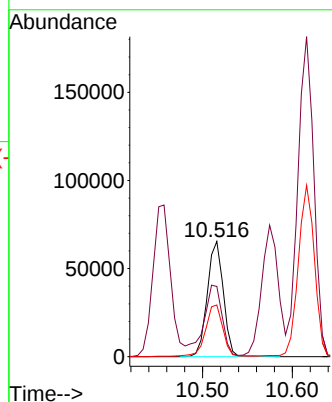
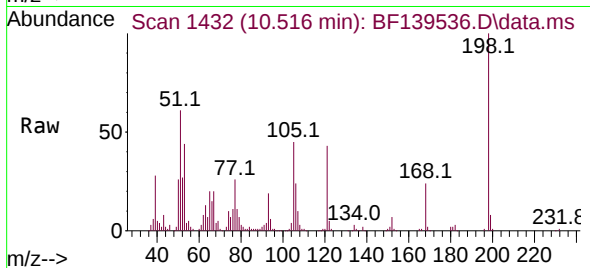




#65
4,6-Dinitro-2-methylphenol
Concen: 48.886 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

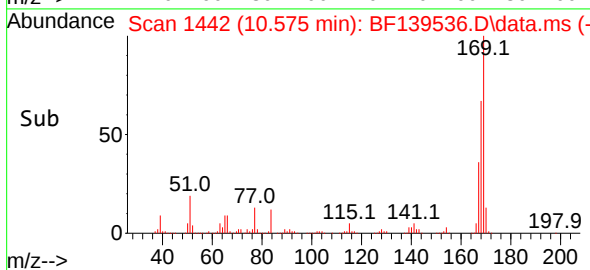
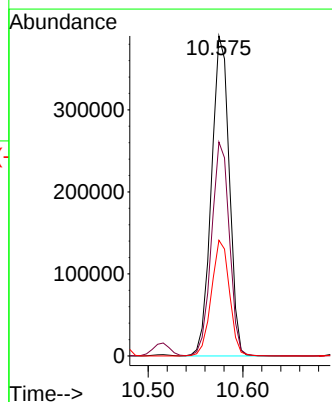
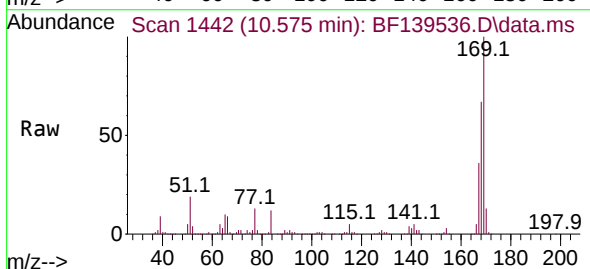
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

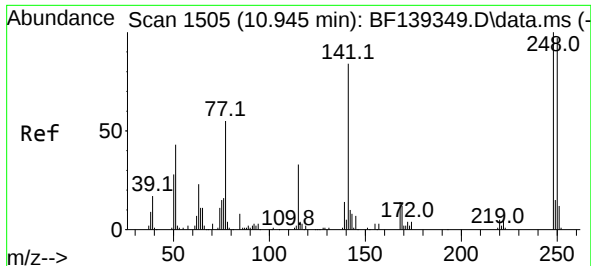
Tgt Ion:198 Resp: 81166
Ion Ratio Lower Upper
198 100
51 60.9 50.4 90.4
105 44.9 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 55.313 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:169 Resp: 508728
Ion Ratio Lower Upper
169 100
168 66.9 53.6 80.4
167 36.1 28.7 43.1

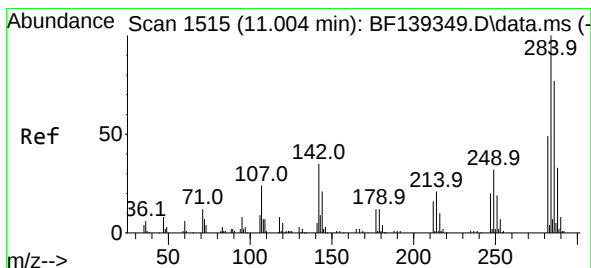
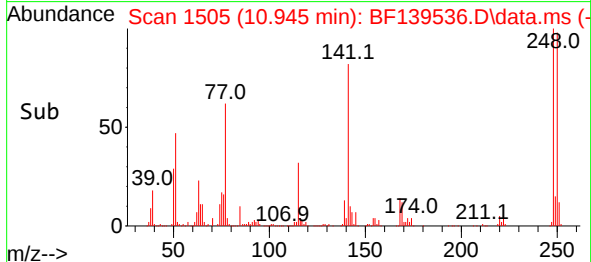
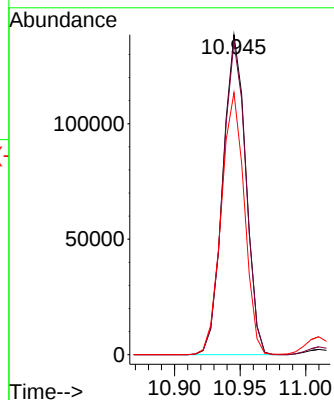
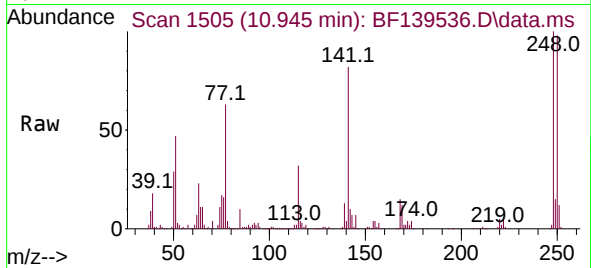




#67
4-Bromophenyl-phenylether
Concen: 54.089 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

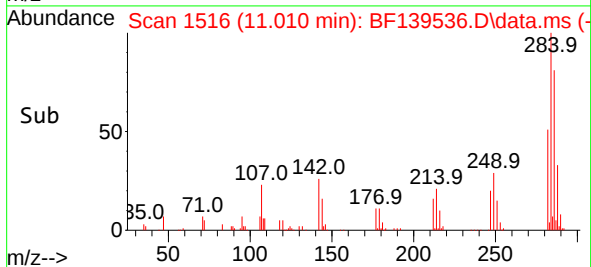
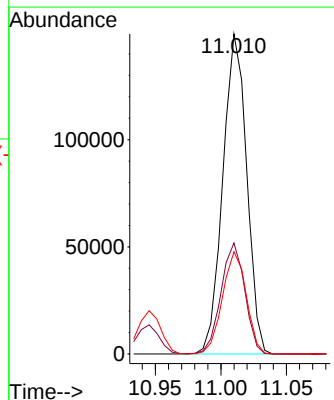
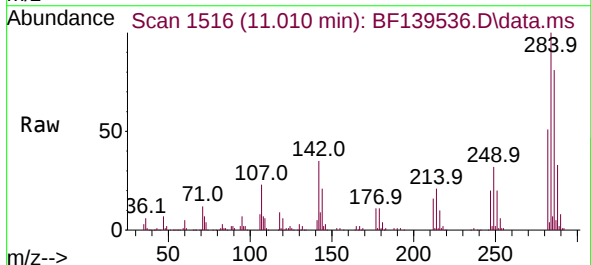
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Tgt Ion:248 Resp: 168615
Ion Ratio Lower Upper
248 100
250 97.7 77.6 116.4
141 81.9 66.9 100.3



#68
Hexachlorobenzene
Concen: 51.673 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:284 Resp: 189052
Ion Ratio Lower Upper
284 100
142 34.7 28.0 42.0
249 31.9 25.3 37.9





#69

Atrazine

Concen: 73.162 ng

RT: 11.104 min Scan# 1530

Delta R.T. 0.012 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

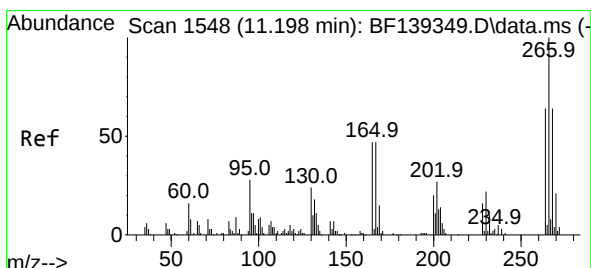
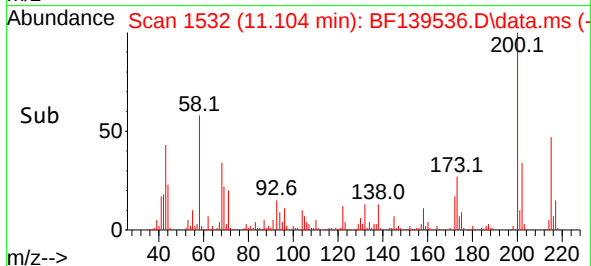
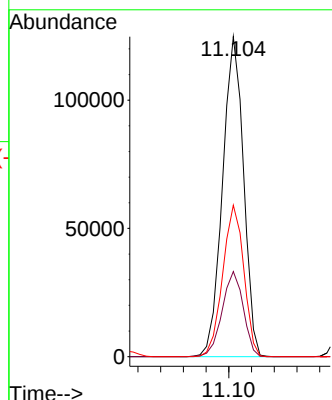
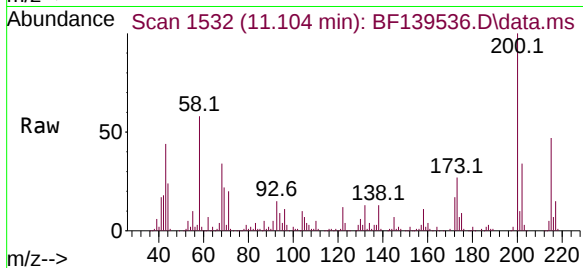
Tgt Ion:200 Resp: 160193

Ion Ratio Lower Upper

200 100

173 26.6 6.1 46.1

215 47.3 28.2 68.2



#70

Pentachlorophenol

Concen: 90.619 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.012 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

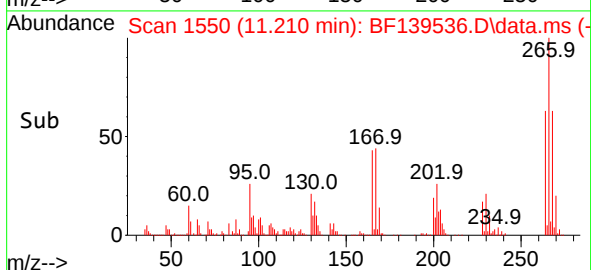
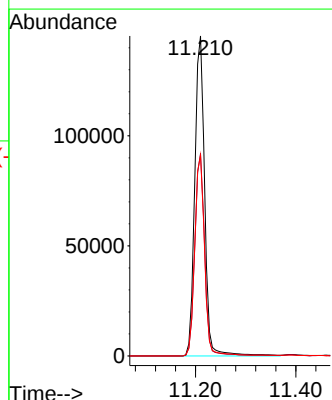
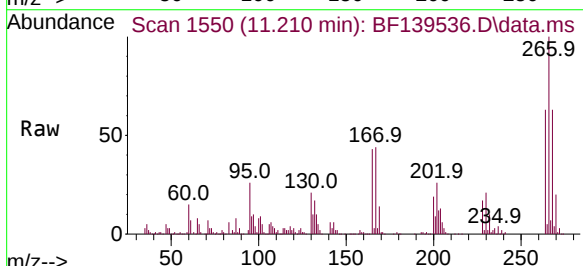
Tgt Ion:266 Resp: 198939

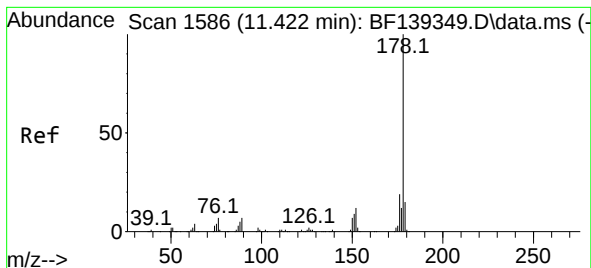
Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

264 62.8 51.4 77.0





#71

Phenanthrene

Concen: 52.924 ng

RT: 11.428 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

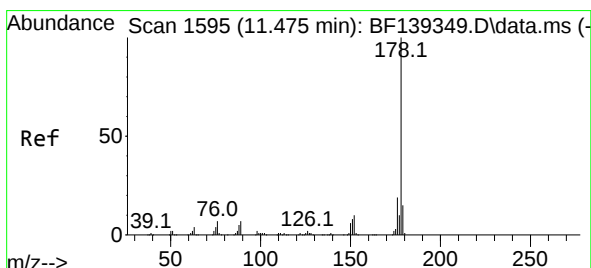
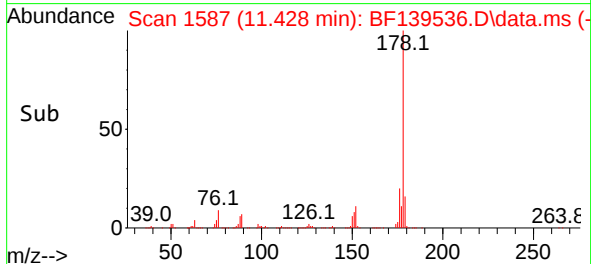
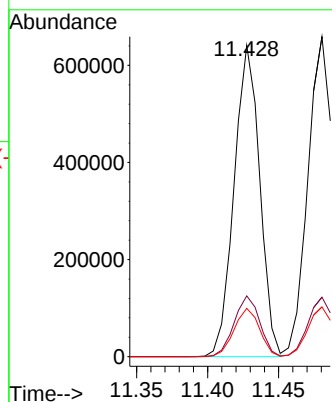
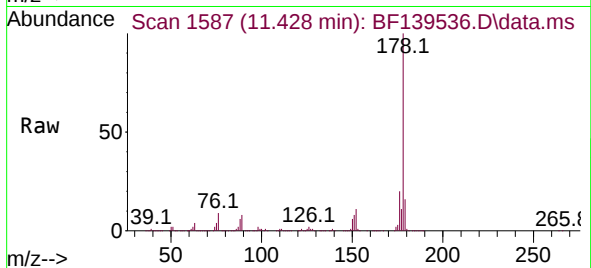
Tgt Ion:178 Resp: 803227

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

179 15.5 12.2 18.4



#72

Anthracene

Concen: 55.674 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

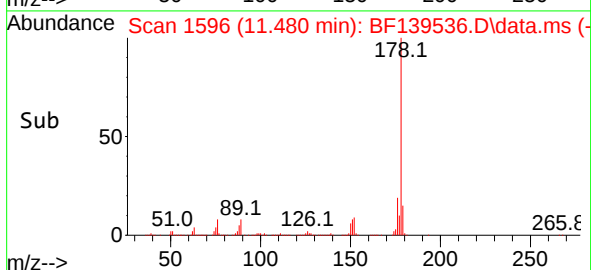
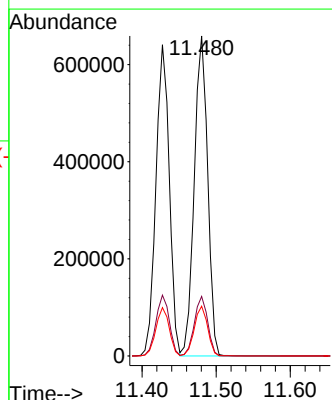
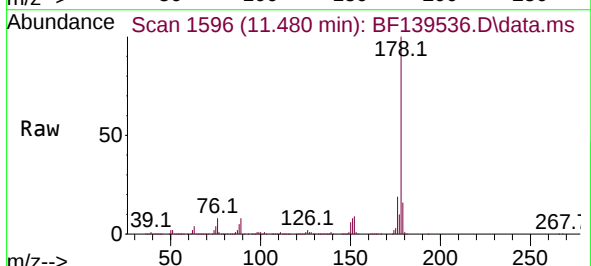
Tgt Ion:178 Resp: 826145

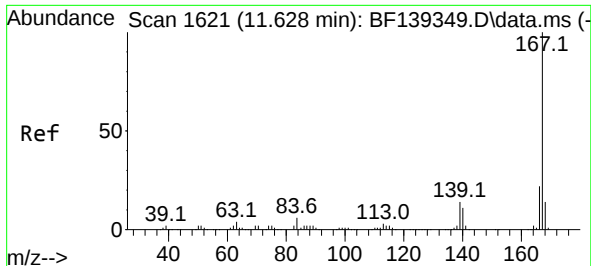
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

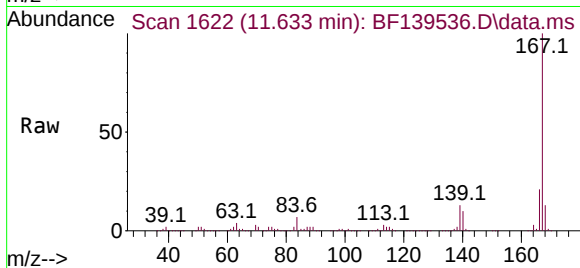
179 15.5 12.0 18.0



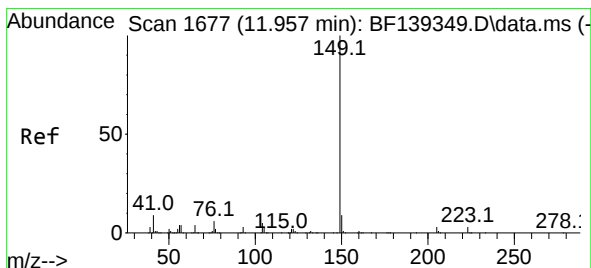
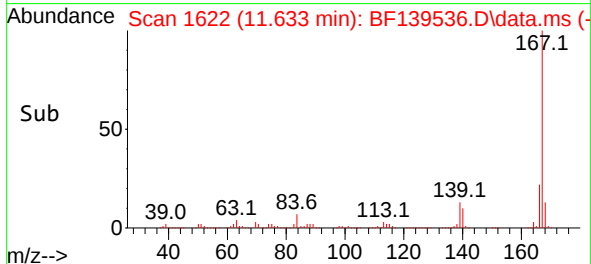
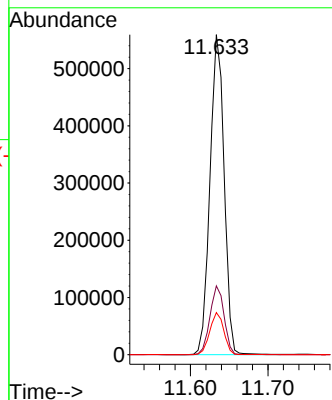


#73
Carbazole
Concen: 50.058 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

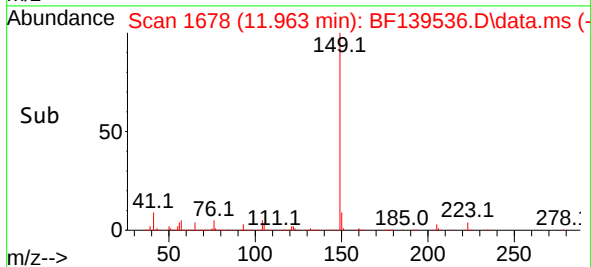
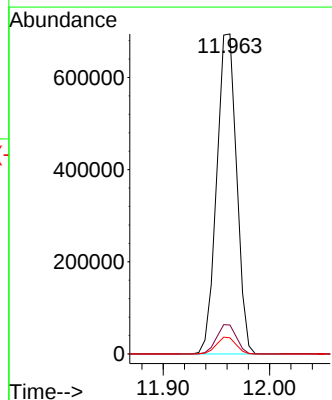
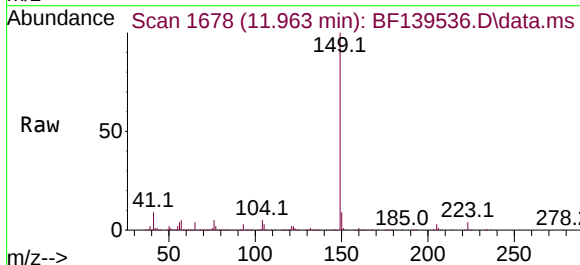


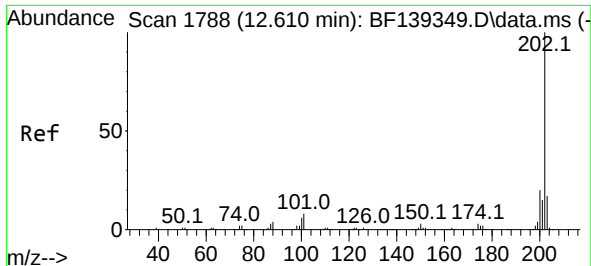
Tgt Ion:167 Resp: 710938
Ion Ratio Lower Upper
167 100
166 21.5 17.5 26.3
139 13.2 10.9 16.3



#74
Di-n-butylphthalate
Concen: 56.945 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:149 Resp: 900920
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.1 4.3 6.5

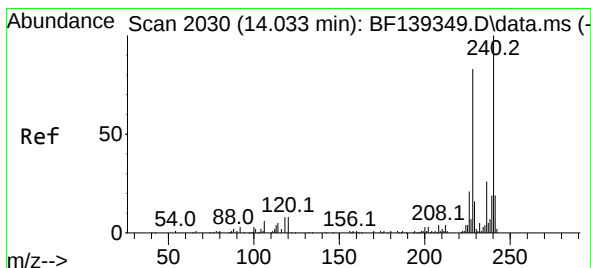
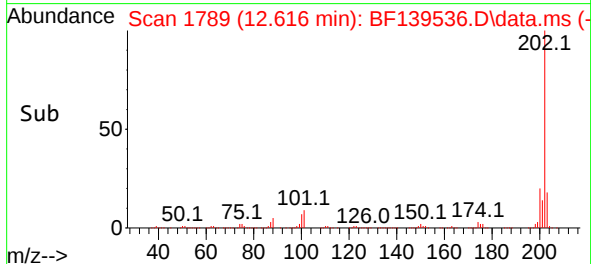
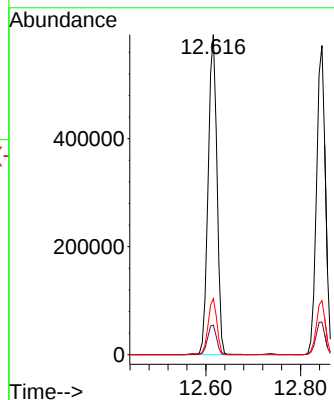
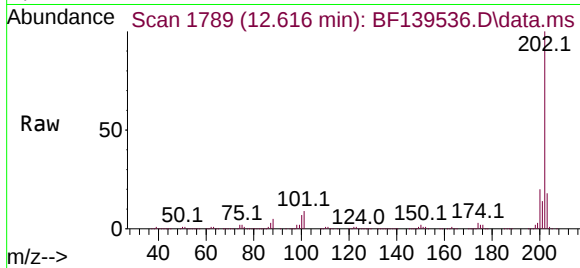




#75
Fluoranthene
Concen: 47.033 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

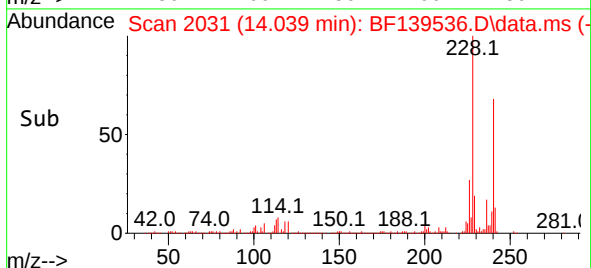
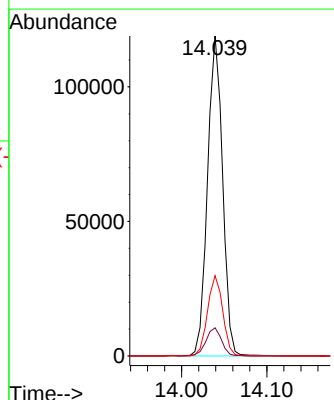
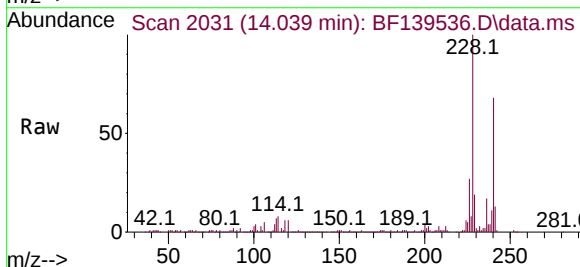
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

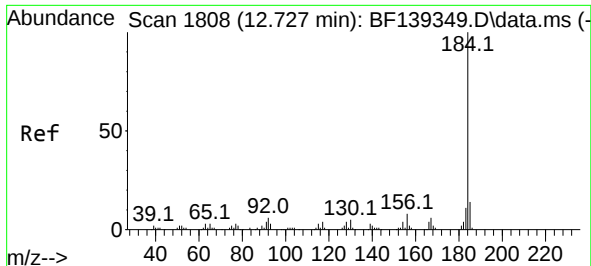
Tgt Ion:202 Resp: 762307
Ion Ratio Lower Upper
202 100
101 9.3 0.0 27.7
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:240 Resp: 146193
Ion Ratio Lower Upper
240 100
120 8.8 6.2 9.2
236 25.1 20.9 31.3

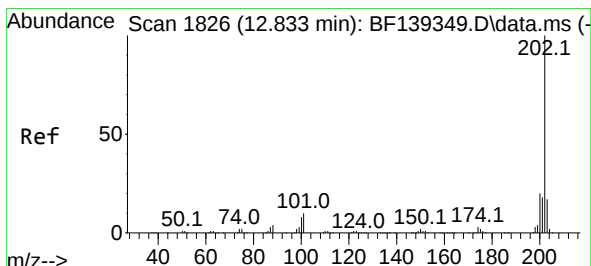
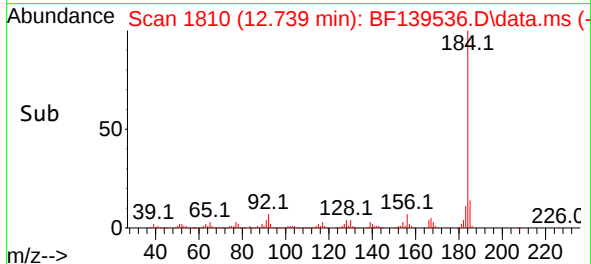
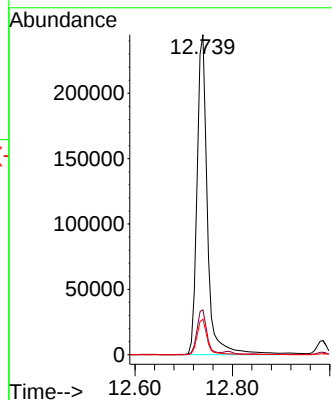
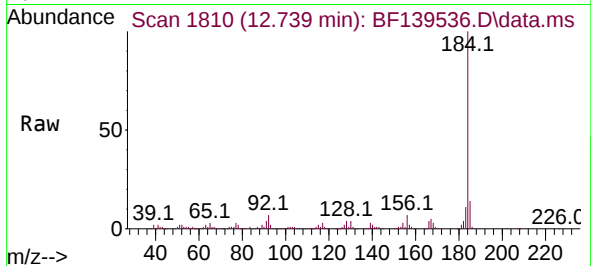




#77
Benzidine
Concen: 173.759 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

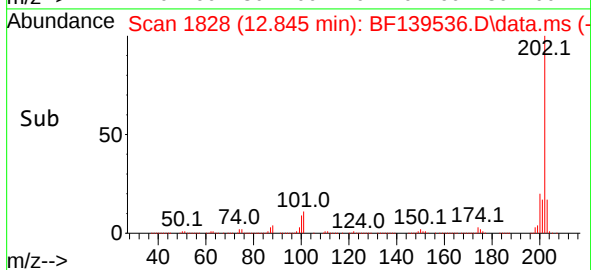
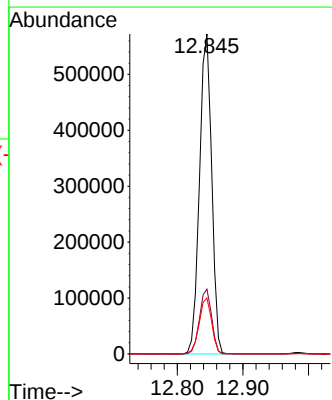
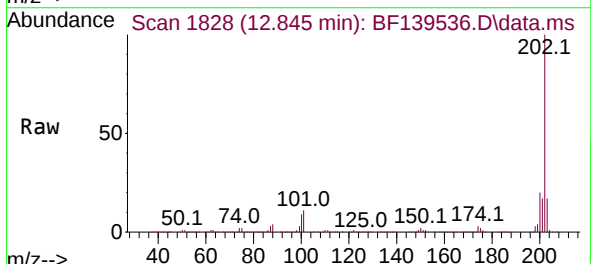
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Tgt Ion:184 Resp: 363941
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.1 8.9 13.3



#78
Pyrene
Concen: 59.128 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:202 Resp: 742213
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 109.802 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

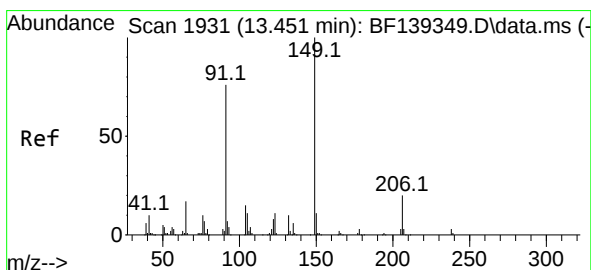
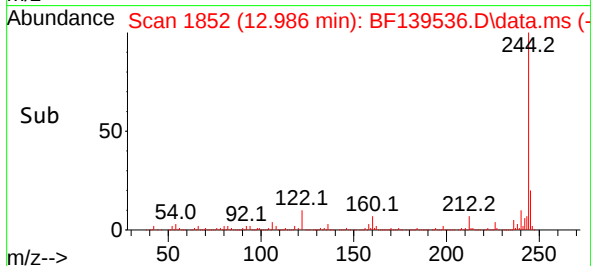
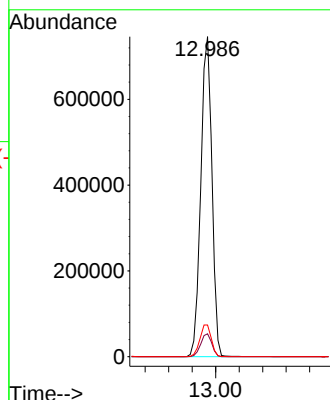
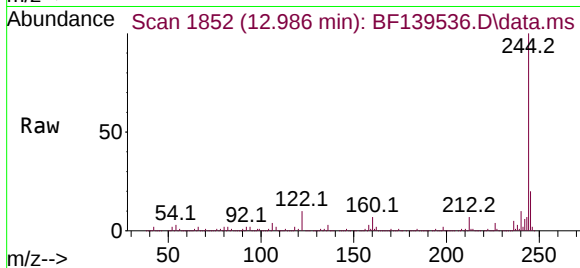
Tgt Ion:244 Resp: 977967

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.9 7.6 11.4



#80

Butylbenzylphthalate

Concen: 60.585 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

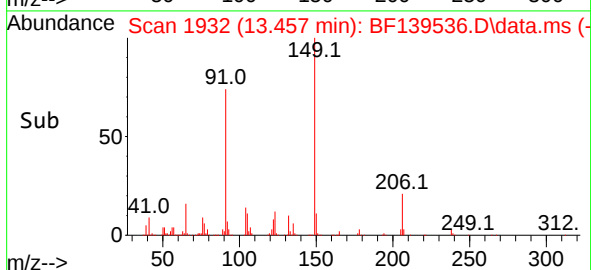
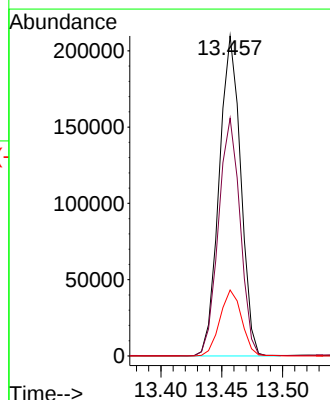
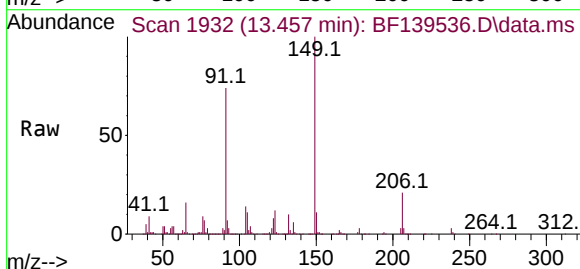
Tgt Ion:149 Resp: 258860

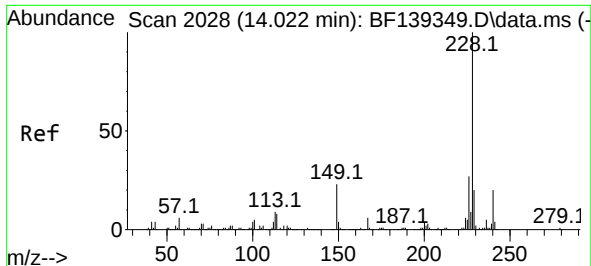
Ion Ratio Lower Upper

149 100

91 74.3 60.9 91.3

206 20.6 15.8 23.8

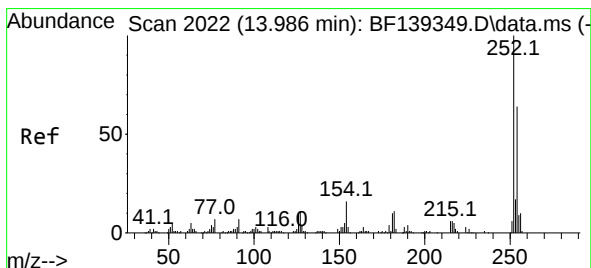
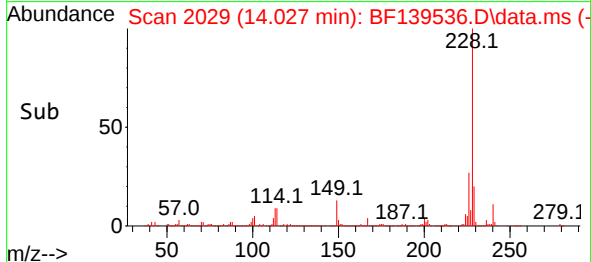
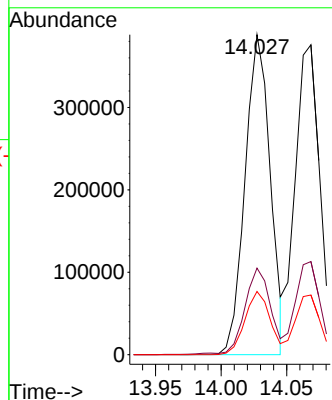
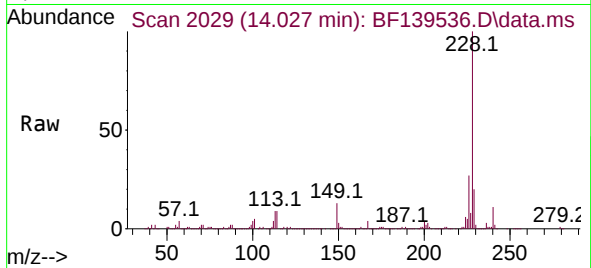




#81
Benzo(a)anthracene
Concen: 53.531 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

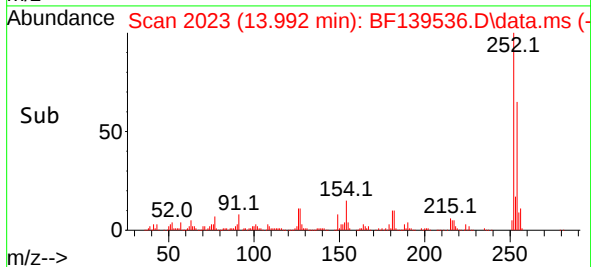
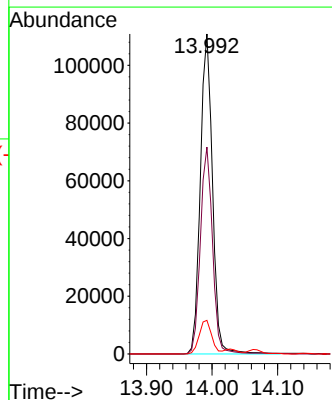
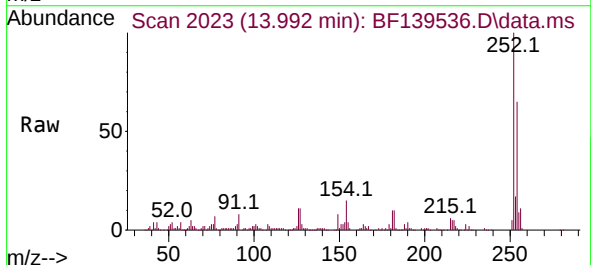
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

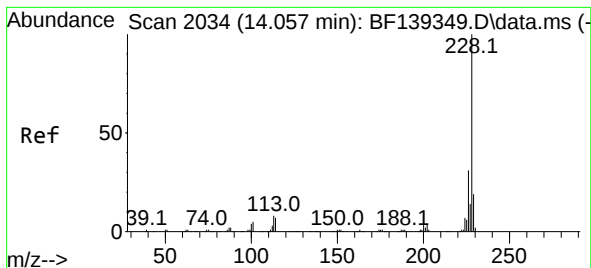
Tgt Ion:228 Resp: 518385
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 50.549 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:252 Resp: 143352
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 10.5 7.7 11.5





#83

Chrysene

Concen: 55.085 ng

RT: 14.069 min Scan# 2034

Delta R.T. 0.012 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

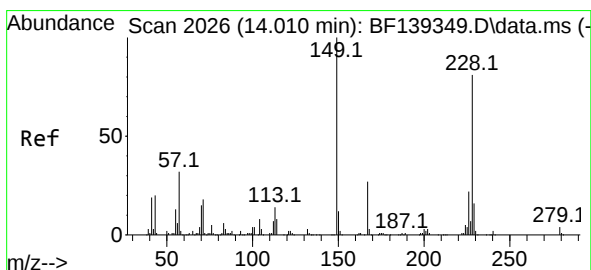
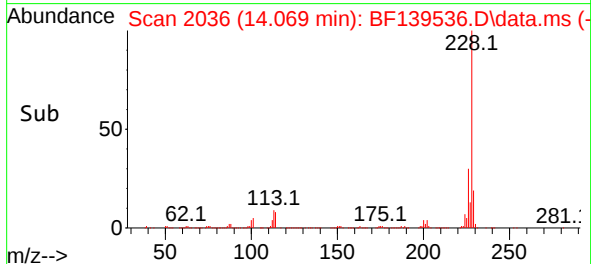
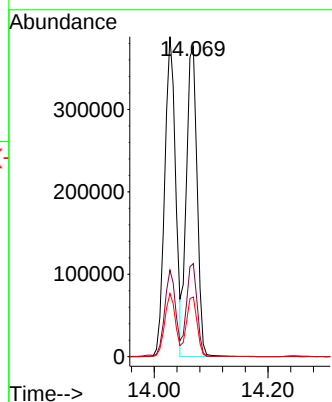
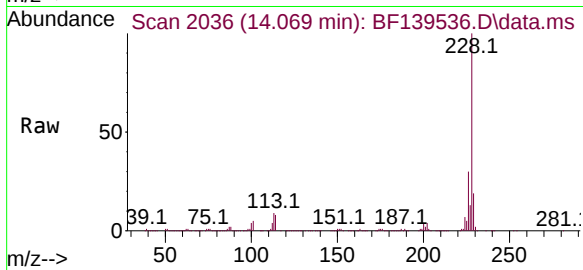
Tgt Ion:228 Resp: 490760

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.3 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.988 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

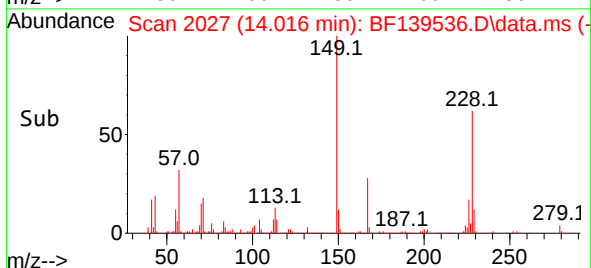
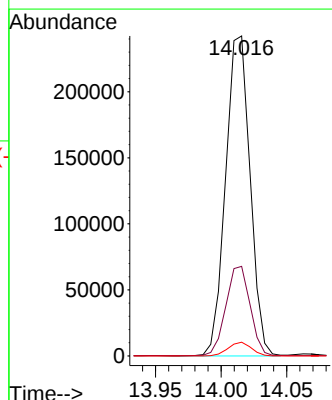
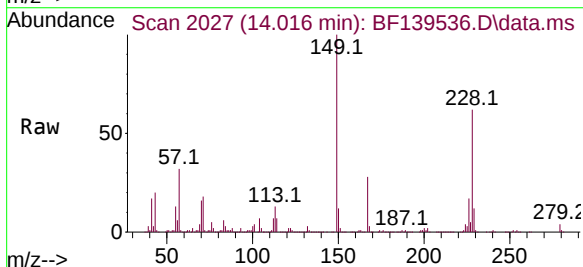
Tgt Ion:149 Resp: 315187

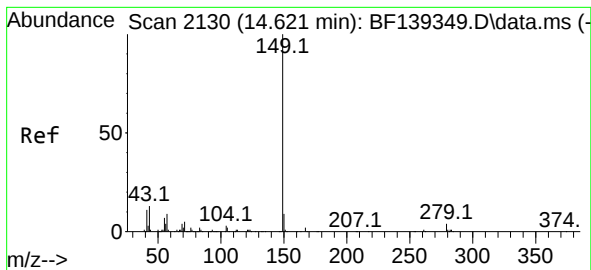
Ion Ratio Lower Upper

149 100

167 28.0 21.6 32.4

279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 62.433 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

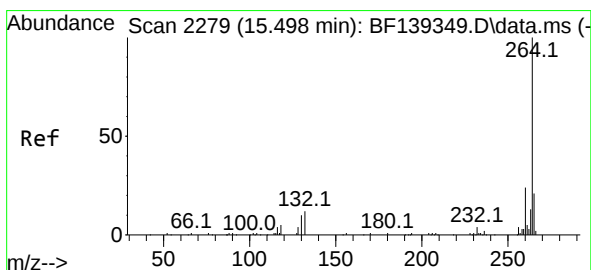
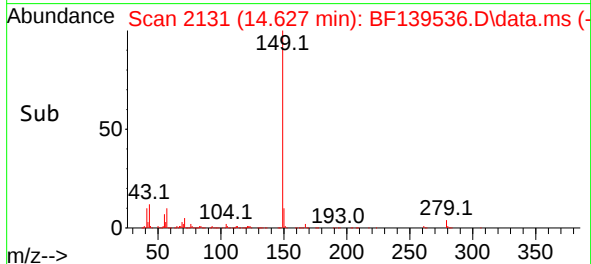
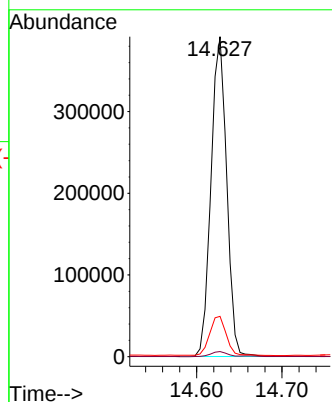
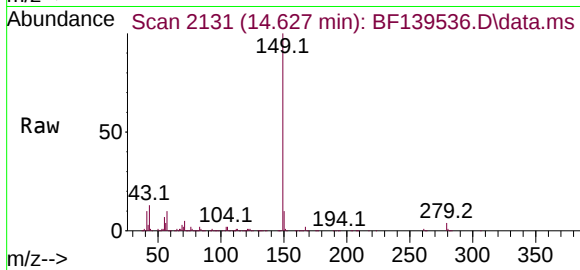
Tgt Ion:149 Resp: 499761

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 13.0 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

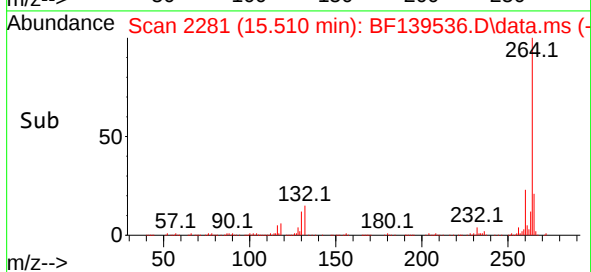
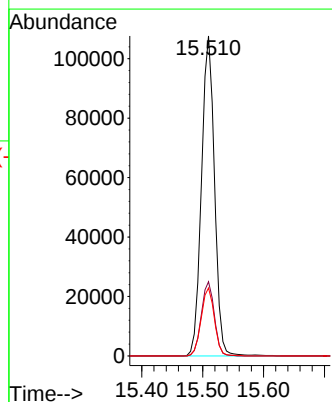
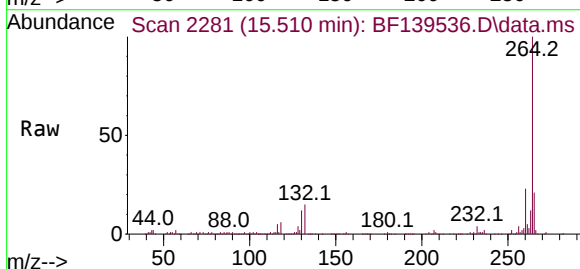
Tgt Ion:264 Resp: 159732

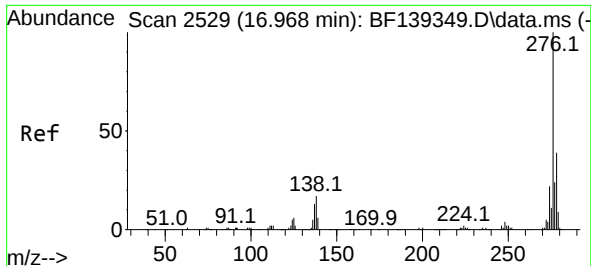
Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.3 16.6 25.0

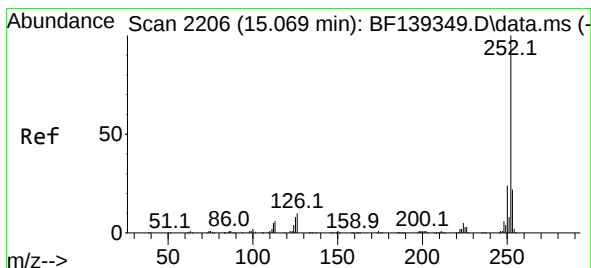
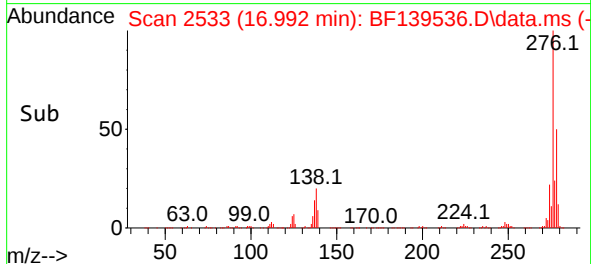
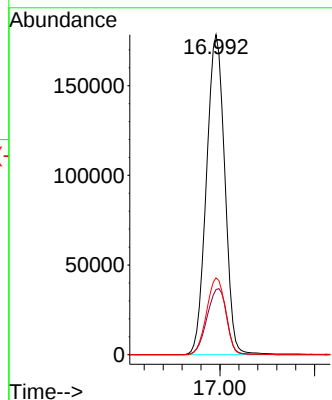
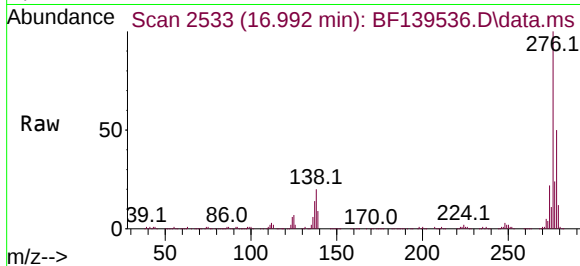




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.435 ng
 RT: 16.992 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BF139536.D
 Acq: 25 Sep 2024 18:50

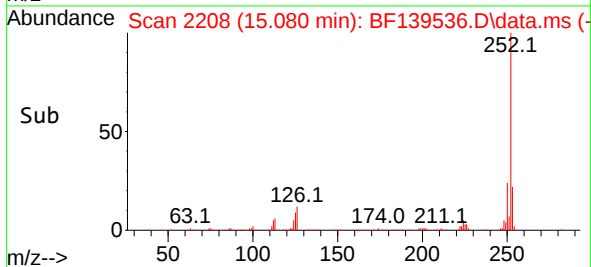
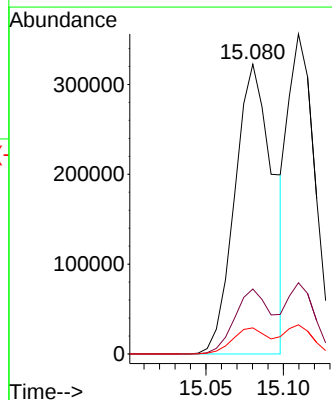
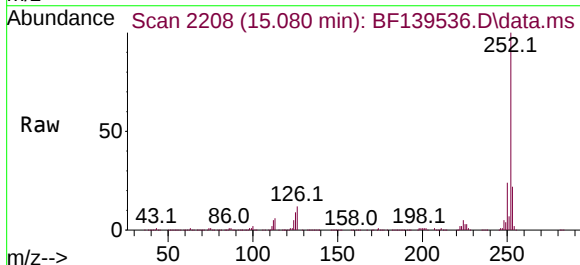
Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILEMS

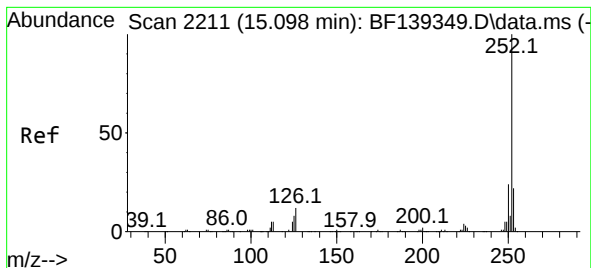
Tgt Ion:276 Resp: 479035
 Ion Ratio Lower Upper
 276 100
 138 22.4 15.4 23.2
 277 24.7 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 56.241 ng
 RT: 15.080 min Scan# 2208
 Delta R.T. 0.012 min
 Lab File: BF139536.D
 Acq: 25 Sep 2024 18:50

Tgt Ion:252 Resp: 554047
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.6 26.4
 125 9.0 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 47.097 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

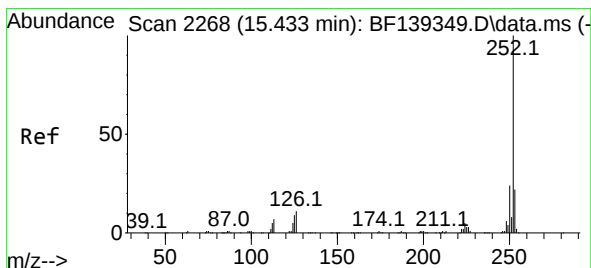
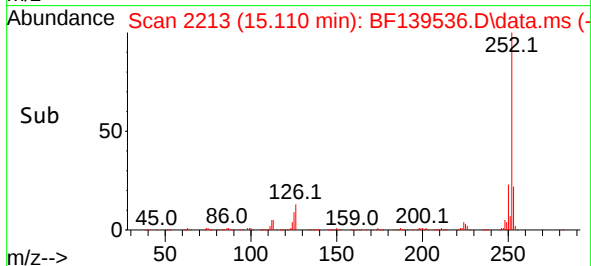
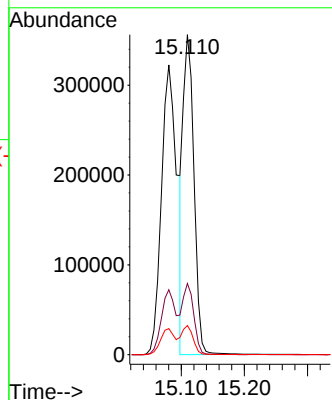
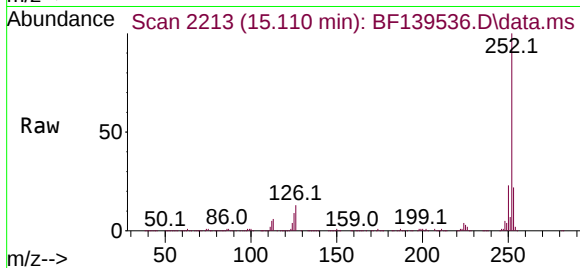
Tgt Ion:252 Resp: 427789

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 9.1 5.9 8.9#



#90

Benzo(a)pyrene

Concen: 58.488 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.018 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

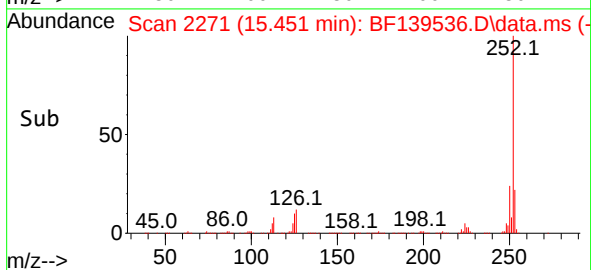
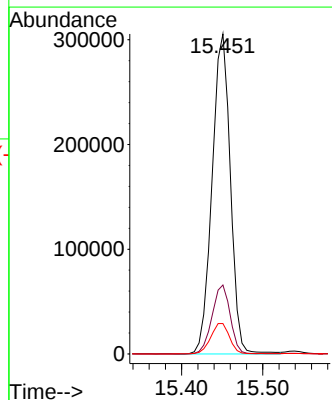
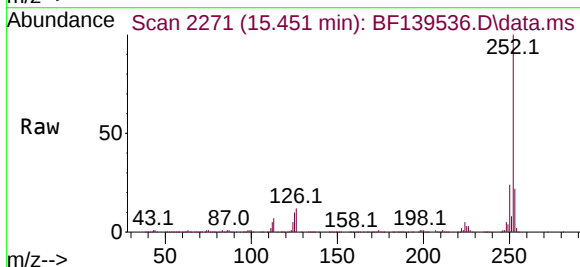
Tgt Ion:252 Resp: 477853

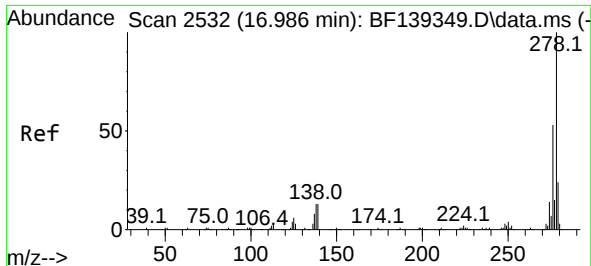
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.5 6.8 10.2

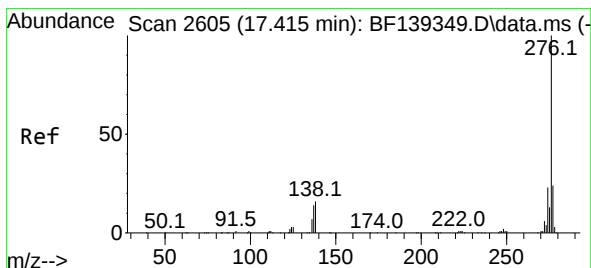
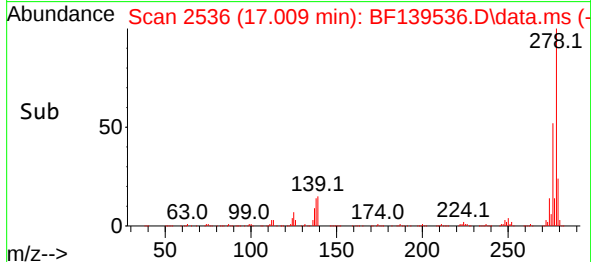
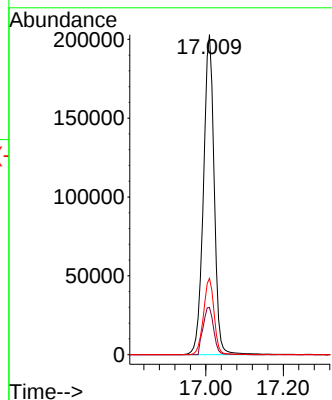
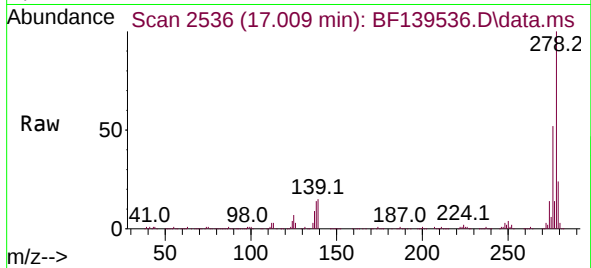




#91
Dibenzo(a,h)anthracene
Concen: 49.769 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Tgt Ion:278 Resp: 390611
Ion Ratio Lower Upper
278 100
139 14.7 10.2 15.2
279 23.9 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 43.228 ng
RT: 17.439 min Scan# 2609
Delta R.T. 0.023 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:276 Resp: 335926
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 19.6 13.0 19.6#

