

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139502.D
 Acq On : 20 Sep 2024 15:26
 Operator : RC/JU
 Sample : P4126-01MS 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-09192024MS

Quant Time: Sep 20 16:17:36 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	6.875	152	84914	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	297564	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	134257	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	214374	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	122209	20.000	ng	0.00
86) Perylene-d12	15.510	264	98834	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	263301	50.585	ng	0.00
7) Phenol-d6	6.510	99	349674	51.181	ng	0.00
23) Nitrobenzene-d5	7.440	82	225904	35.690	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	64609	45.202	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	381121	39.814	ng	0.00
79) Terphenyl-d14	12.980	244	321757	43.215	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	33698	16.136	ng	98
3) Pyridine	3.422	79	74742	16.233	ng	98
4) n-Nitrosodimethylamine	3.363	42	70333	17.624	ng	88
6) Aniline	6.610	93	154018	29.872	ng	# 58
8) 2-Chlorophenol	6.663	128	109863	20.504	ng	98
9) Benzaldehyde	6.428	77	18368	4.653	ng	99
10) Phenol	6.522	94	137754	19.797	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	154018	29.122	ng	92
12) 1,3-Dichlorobenzene	6.816	146	116514	19.121	ng	98
13) 1,4-Dichlorobenzene	6.893	146	117431	19.070	ng	100
14) 1,2-Dichlorobenzene	7.045	146	111672	19.192	ng	97
15) Benzyl Alcohol	7.016	79	77098	14.144	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	190330	23.351	ng	99
17) 2-Methylphenol	7.134	107	86613	20.346	ng	98
18) Hexachloroethane	7.387	117	41097	17.522	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	81436	20.114	ng	99
20) 3+4-Methylphenols	7.287	107	110868	19.089	ng	# 86
22) Acetophenone	7.281	105	154091	19.808	ng	98
24) Nitrobenzene	7.457	77	126492	19.417	ng	98
25) Isophorone	7.692	82	213541	21.332	ng	99
26) 2-Nitrophenol	7.775	139	55072	21.699	ng	90
27) 2,4-Dimethylphenol	7.810	122	81423	24.321	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	125163	21.939	ng	98
29) 2,4-Dichlorophenol	8.022	162	85727	20.156	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	93617	18.891	ng	99
31) Naphthalene	8.181	128	315284	20.296	ng	100
32) Benzoic acid	7.898	122	37111	11.845	ng	91
33) 4-Chloroaniline	8.275	127	59049	12.425	ng	98
34) Hexachlorobutadiene	8.298	225	62248	18.489	ng	99
35) Caprolactam	8.581	113	25398	19.413	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	83612	17.202	ng	96
37) 2-Methylnaphthalene	8.869	142	195036	19.780	ng	98
38) 1-Methylnaphthalene	8.969	142	180367	18.632	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	88764	22.308	ng	98
41) Hexachlorocyclopentadiene	9.022	237	51581	37.128	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	55752	21.537	ng	98

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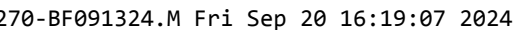
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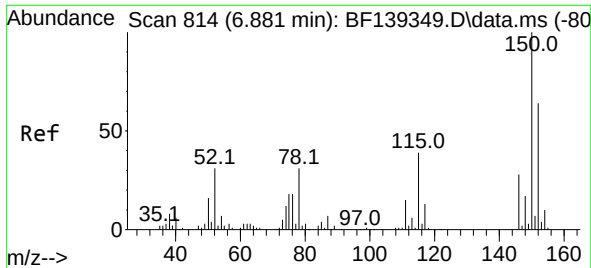
Quant Time: Sep 20 16:17:36 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	54626	20.005	ng	97
46) 1,1'-Biphenyl	9.334	154	226888	21.967	ng	99
47) 2-Chloronaphthalene	9.357	162	162107	20.991	ng	99
48) 2-Nitroaniline	9.457	65	59814	20.823	ng	99
49) Acenaphthylene	9.775	152	259481	22.321	ng	99
50) Dimethylphthalate	9.634	163	192230	21.815	ng	99
51) 2,6-Dinitrotoluene	9.692	165	38621	19.784	ng	98
52) Acenaphthene	9.945	154	172282	21.234	ng	99
53) 3-Nitroaniline	9.869	138	34886	17.882	ng	93
54) 2,4-Dinitrophenol	9.975	184	19786	18.190	ng	88
55) Dibenzofuran	10.116	168	233583	20.655	ng	96
56) 4-Nitrophenol	10.028	139	55194	34.191	ng	87
57) 2,4-Dinitrotoluene	10.098	165	48761	18.502	ng	96
58) Fluorene	10.463	166	191479	20.752	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	41697	18.459	ng	94
60) Diethylphthalate	10.328	149	180222	19.819	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	84735	18.897	ng	97
62) 4-Nitroaniline	10.475	138	34778	16.334	ng	90
63) Azobenzene	10.610	77	192798	21.556	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	13034	11.520	ng	95
66) n-Nitrosodiphenylamine	10.569	169	144865	23.113	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	46837	22.047	ng	96
68) Hexachlorobenzene	11.004	284	50534	20.268	ng	98
69) Atrazine	11.098	200	41347	27.710	ng	97
70) Pentachlorophenol	11.204	266	55600	37.165	ng	99
71) Phenanthrene	11.422	178	351942	34.028	ng	99
72) Anthracene	11.475	178	262215	25.930	ng	99
73) Carbazole	11.633	167	223910	23.135	ng	98
74) Di-n-butylphthalate	11.957	149	240098	22.270	ng	99
75) Fluoranthene	12.610	202	406213	36.778	ng	99
77) Benzidine	12.745	184	14092	8.048	ng	# 89
78) Pyrene	12.839	202	413294	39.386	ng	99
80) Butylbenzylphthalate	13.457	149	96236	26.944	ng	97
81) Benzo(a)anthracene	14.027	228	234167	28.927	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	46800	19.741	ng	99
83) Chrysene	14.063	228	211663	28.421	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	113004	24.871	ng	100
85) Di-n-octyl phthalate	14.627	149	153922	23.003	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	135467	23.051	ng	98
88) Benzo(b)fluoranthene	15.080	252	167985	27.559	ng	99
89) Benzo(k)fluoranthene	15.080	252	167985	29.890	ng	99
90) Benzo(a)pyrene	15.445	252	144229	28.531	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	98548	20.293	ng	98
92) Benzo(g,h,i)perylene	17.433	276	104555	21.745	ng	# 96

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

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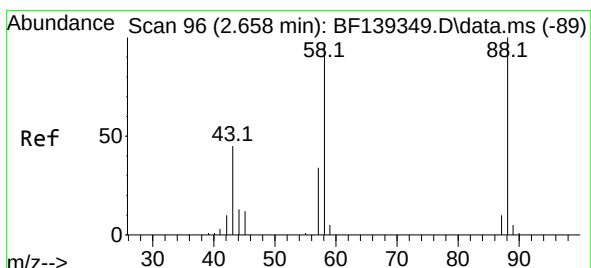
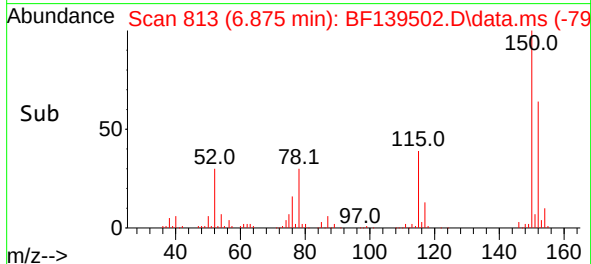
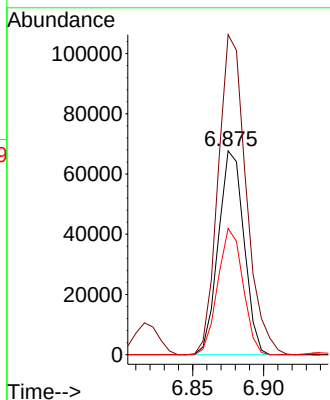
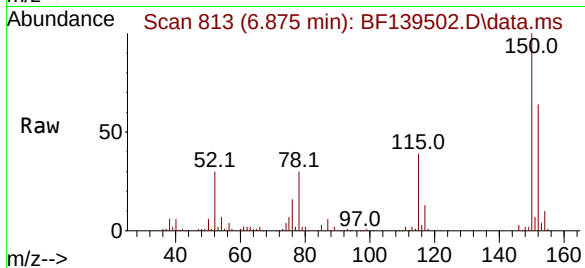




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF139502.D
 Acq: 20 Sep 2024 15:26

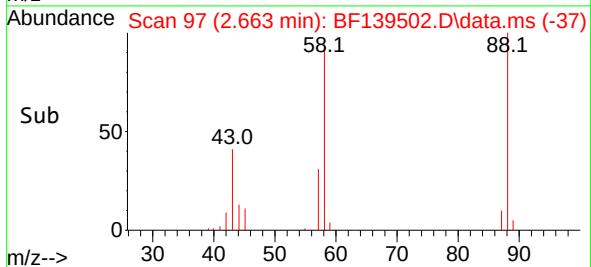
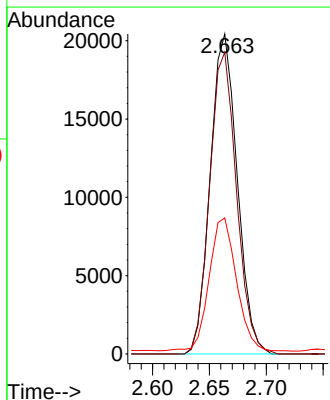
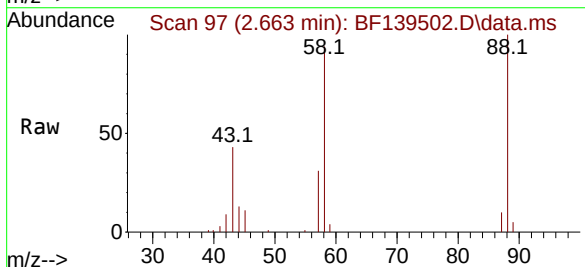
Instrument :
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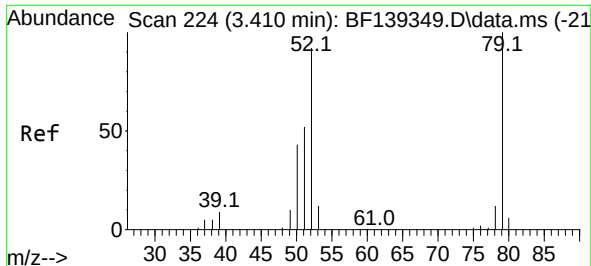
Tgt Ion:152 Resp: 84914
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.1 186.1
 115 61.9 48.1 72.1



#2
 1,4-Dioxane
 Concen: 16.136 ng
 RT: 2.663 min Scan# 97
 Delta R.T. 0.006 min
 Lab File: BF139502.D
 Acq: 20 Sep 2024 15:26

Tgt Ion: 88 Resp: 33698
 Ion Ratio Lower Upper
 88 100
 58 94.0 74.8 112.2
 43 42.3 36.4 54.6





#3

Pyridine

Concen: 16.233 ng

RT: 3.422 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

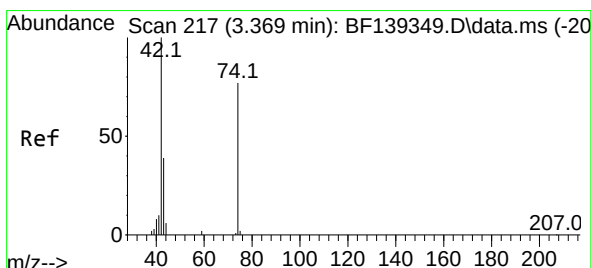
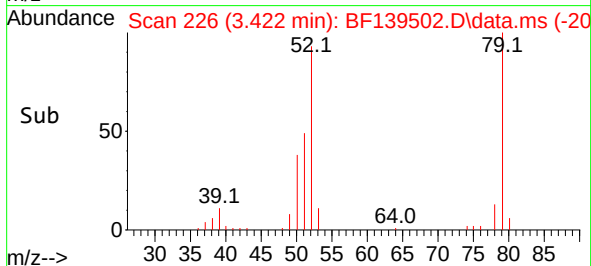
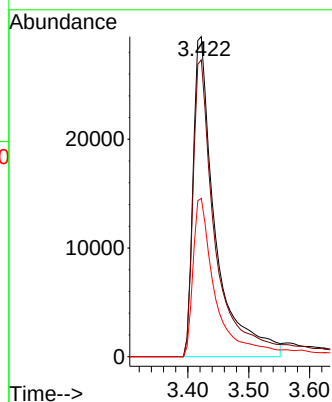
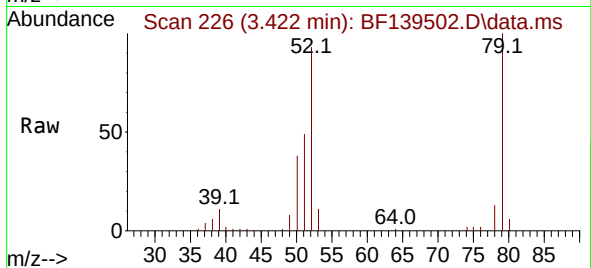
Tgt Ion: 79 Resp: 74742

Ion Ratio Lower Upper

79 100

52 92.7 73.8 110.8

51 49.5 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 17.624 ng

RT: 3.363 min Scan# 216

Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

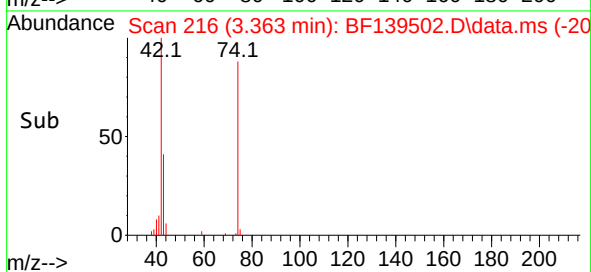
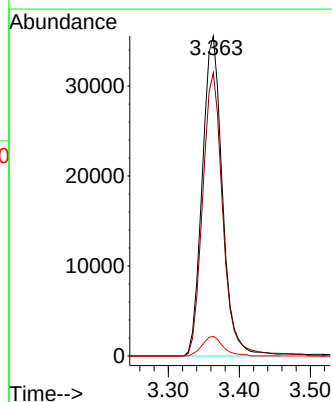
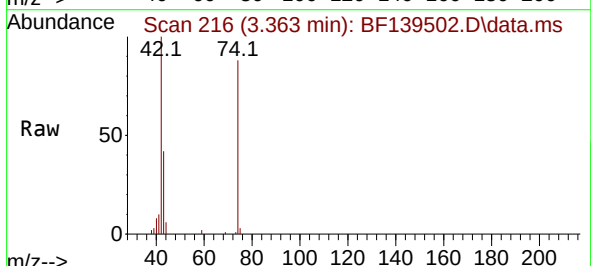
Tgt Ion: 42 Resp: 70333

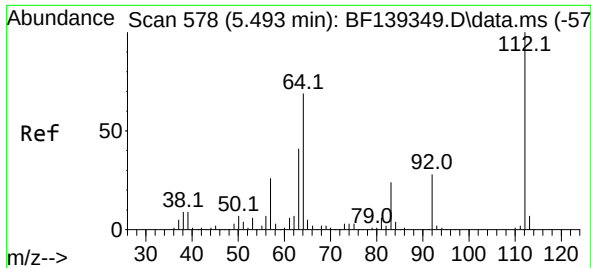
Ion Ratio Lower Upper

42 100

74 88.5 61.8 92.8

44 6.1 4.8 7.2

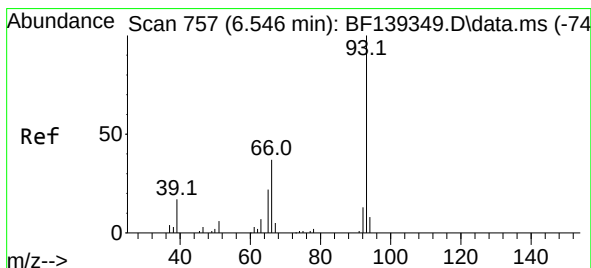
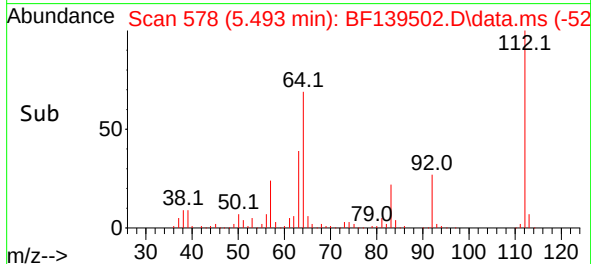
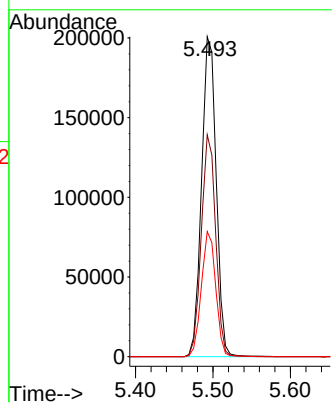
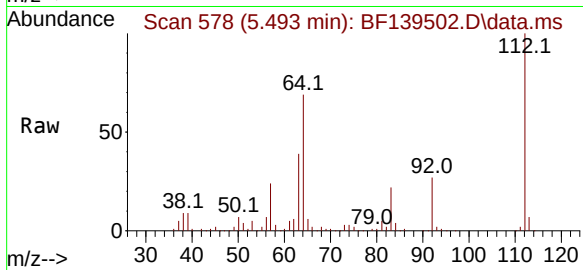




#5
2-Fluorophenol
Concen: 50.585 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

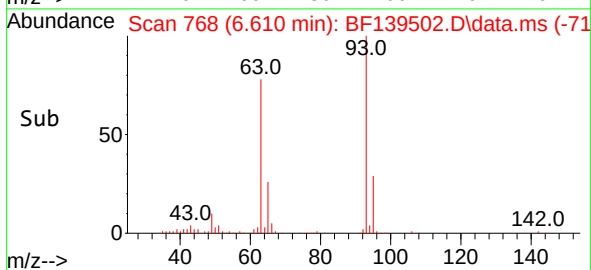
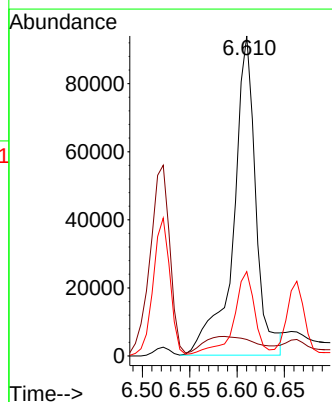
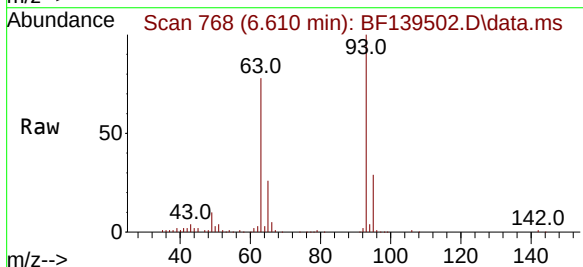
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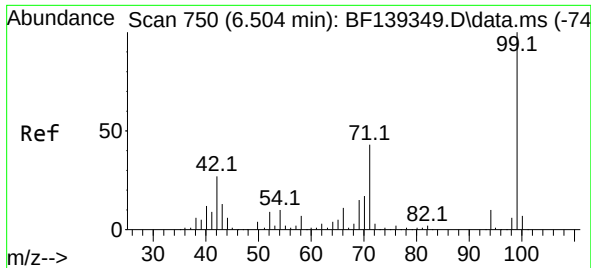
Tgt Ion:112 Resp: 263301
Ion Ratio Lower Upper
112 100
64 69.3 54.8 82.2
63 39.1 33.0 49.4



#6
Aniline
Concen: 29.872 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.041 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion: 93 Resp: 154018
Ion Ratio Lower Upper
93 100
66 5.2 35.4 53.0#
65 26.3 18.2 27.4

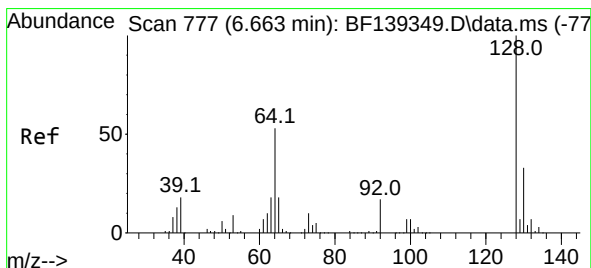
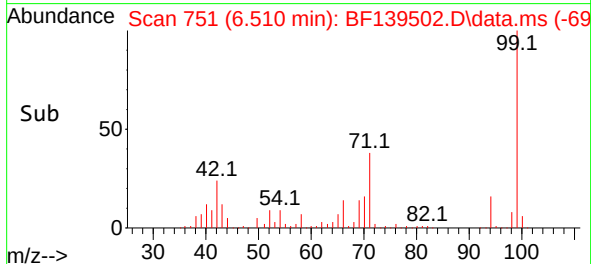
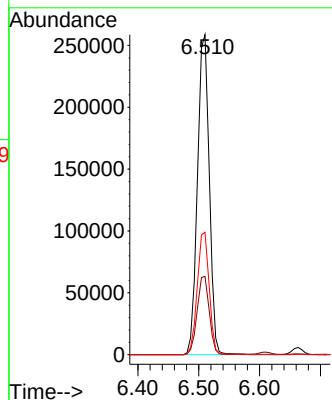
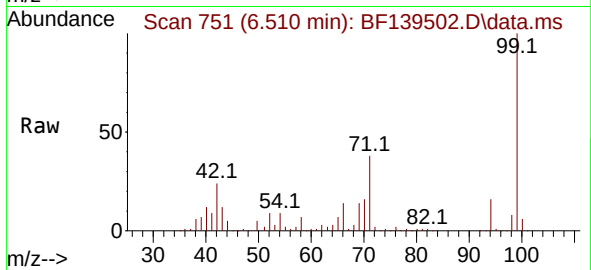




#7
Phenol-d6
Concen: 51.181 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

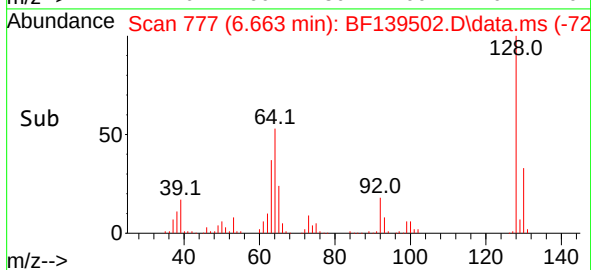
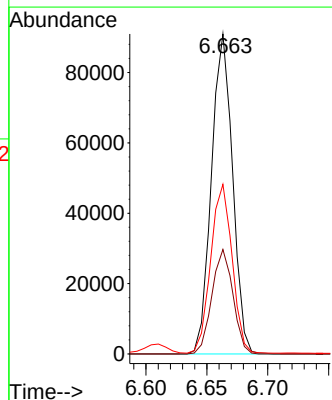
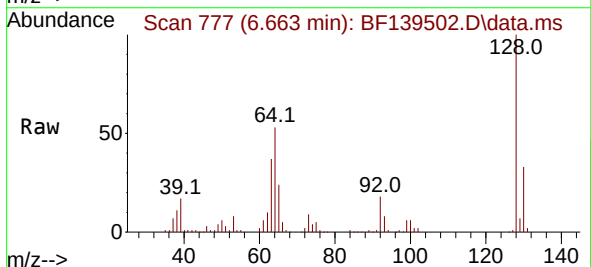
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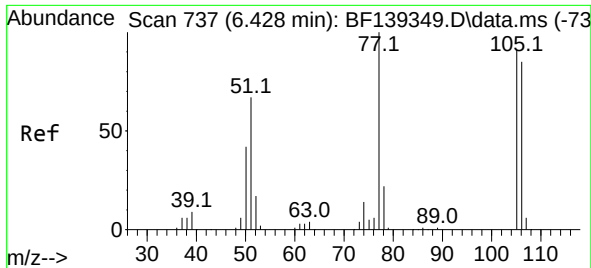
Tgt Ion: 99 Resp: 349674
Ion Ratio Lower Upper
99 100
42 24.5 21.9 32.9
71 38.3 34.6 52.0



#8
2-Chlorophenol
Concen: 20.504 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion: 128 Resp: 109863
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 53.0 35.1 75.1





#9

Benzaldehyde

Concen: 4.653 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

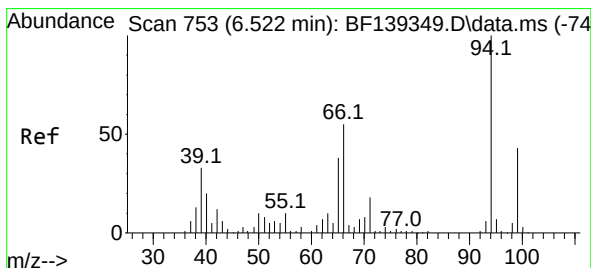
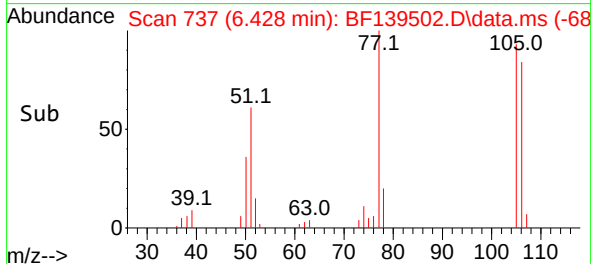
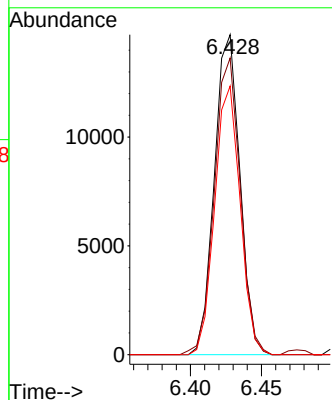
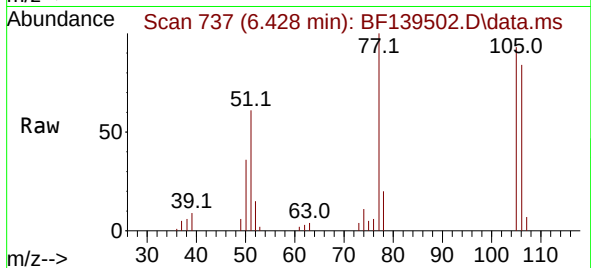
Tgt Ion: 77 Resp: 18368

Ion Ratio Lower Upper

77 100

105 92.7 71.0 111.0

106 83.9 64.9 104.9



#10

Phenol

Concen: 19.797 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

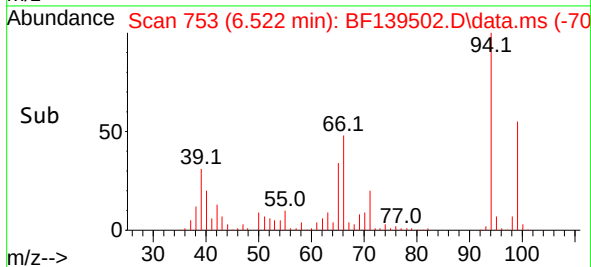
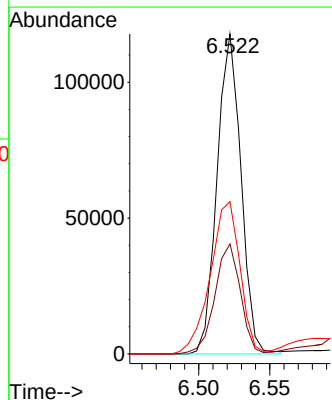
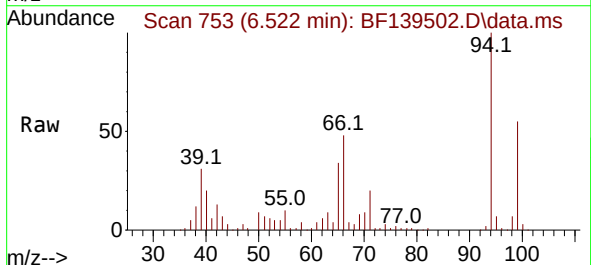
Tgt Ion: 94 Resp: 137754

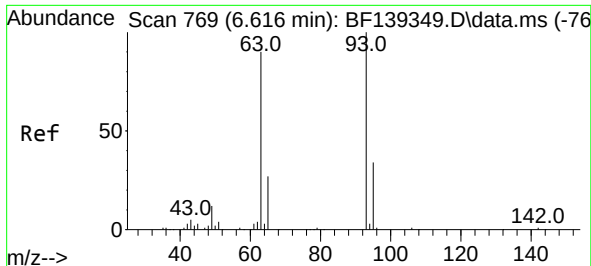
Ion Ratio Lower Upper

94 100

65 34.4 17.6 57.6

66 47.6 35.2 75.2

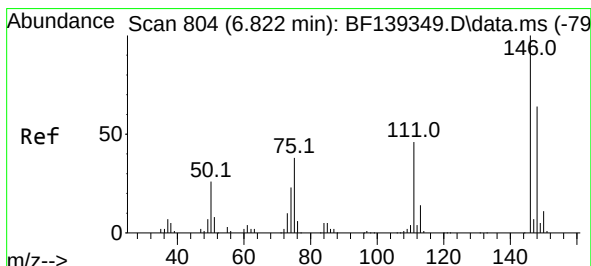
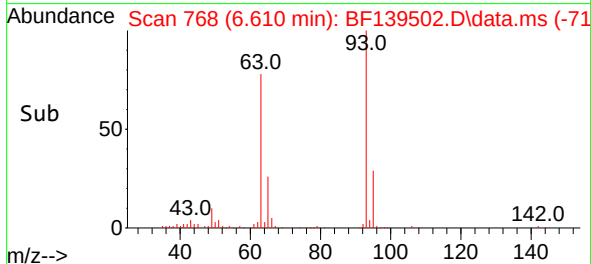
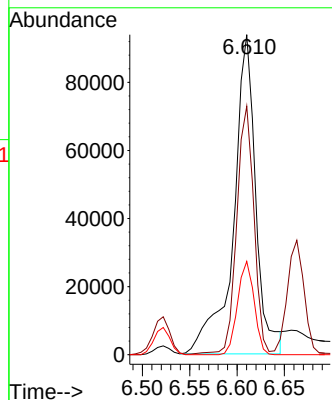
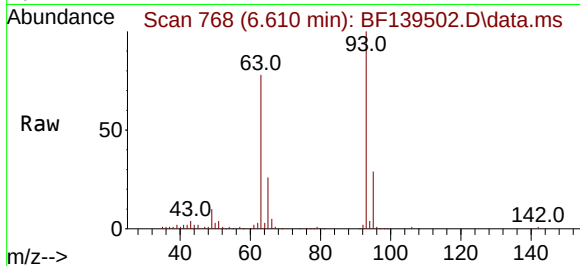




#11
bis(2-Chloroethyl)ether
Concen: 29.122 ng
RT: 6.610 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

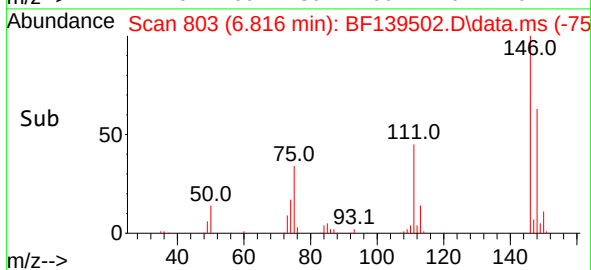
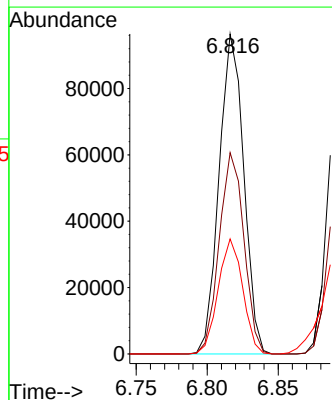
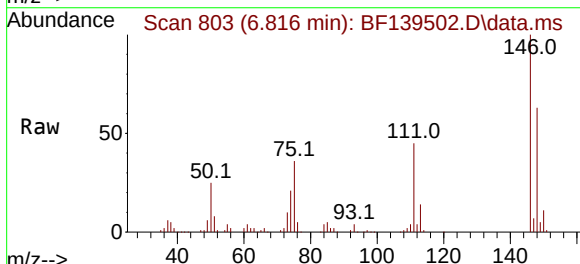
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

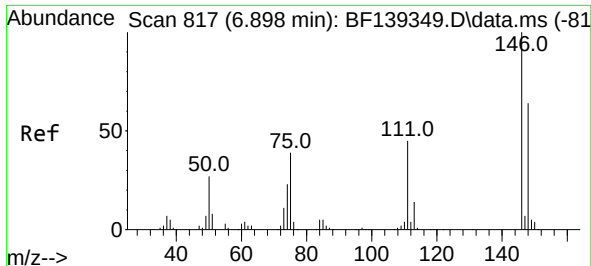
Tgt Ion: 93 Resp: 154018
Ion Ratio Lower Upper
93 100
63 77.7 65.3 105.3
95 29.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 19.121 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:146 Resp: 116514
Ion Ratio Lower Upper
146 100
148 62.9 51.2 76.8
75 35.9 30.6 46.0

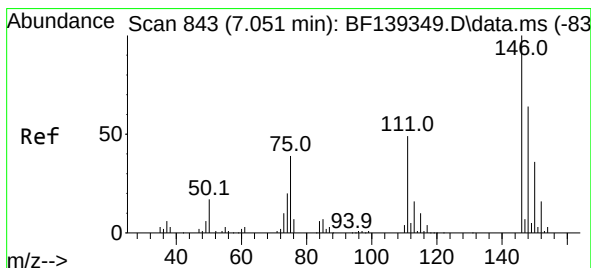
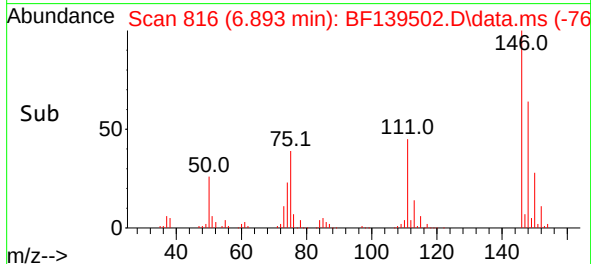
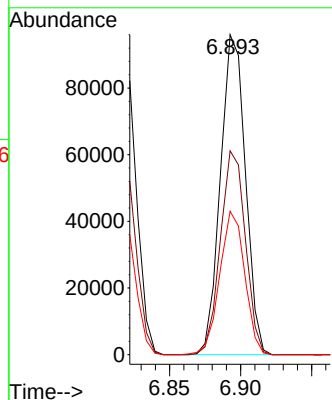
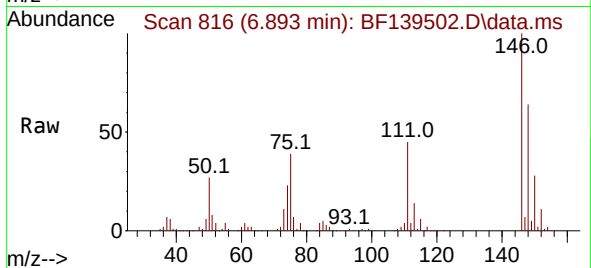




#13
1,4-Dichlorobenzene
Concen: 19.070 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

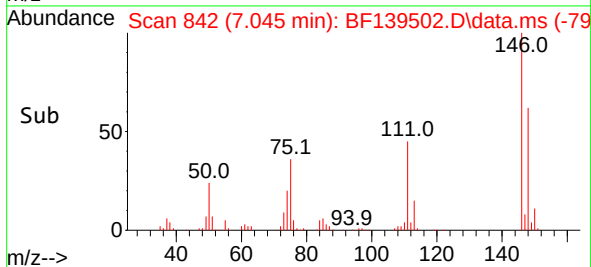
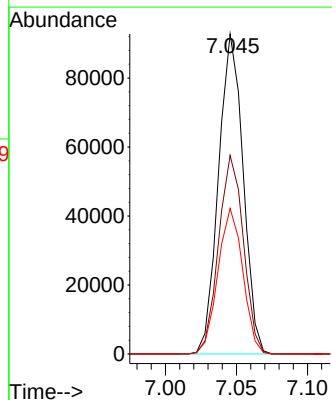
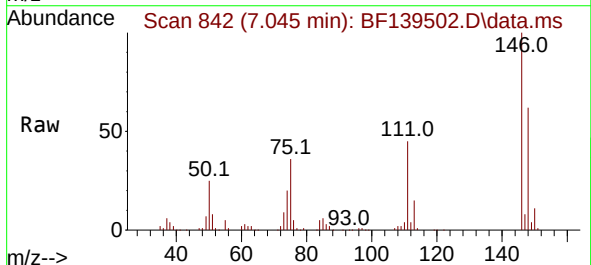
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

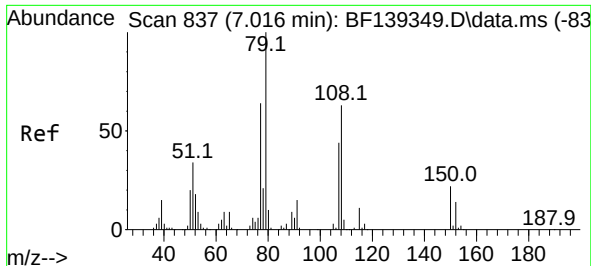
Tgt Ion:146 Resp: 117431
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
111 44.8 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 19.192 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:146 Resp: 111672
Ion Ratio Lower Upper
146 100
148 62.0 50.9 76.3
111 45.5 38.9 58.3

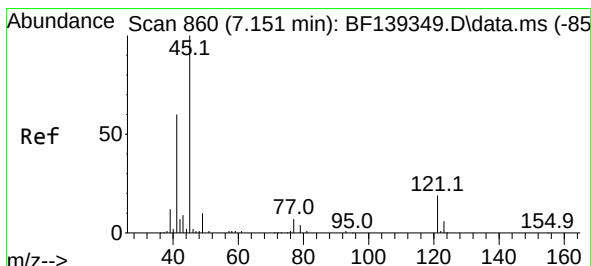
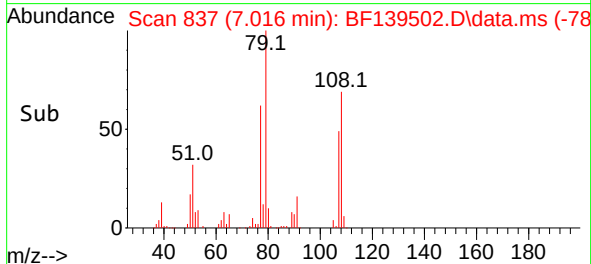
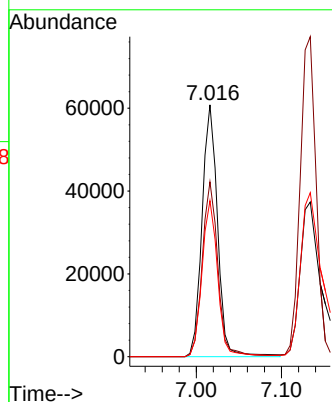
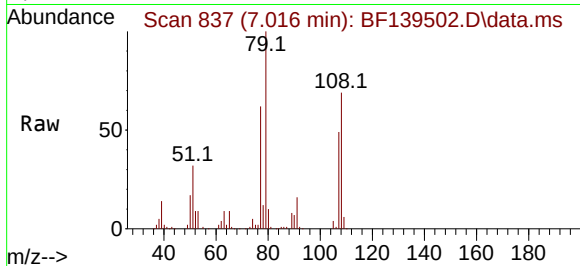




#15
Benzyl Alcohol
Concen: 14.144 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

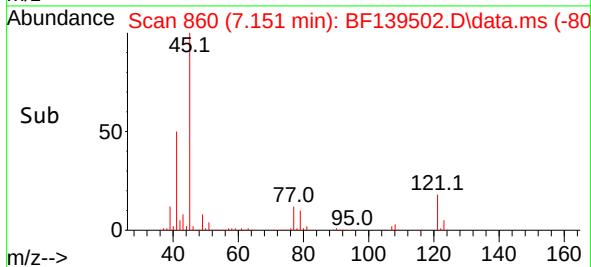
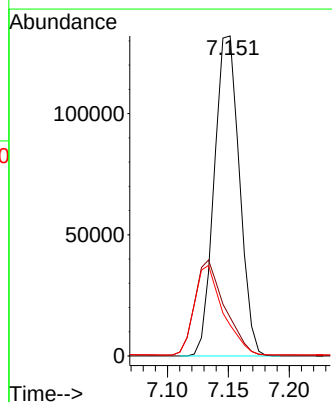
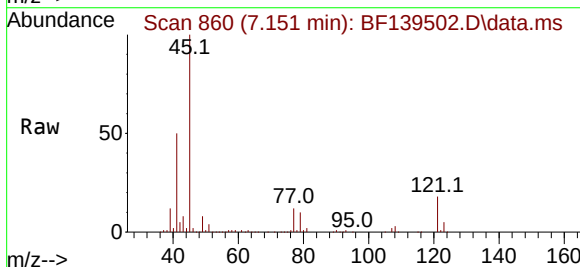
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

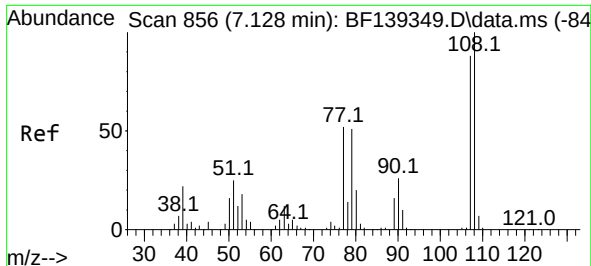
Tgt Ion: 79 Resp: 77098
Ion Ratio Lower Upper
79 100
108 69.5 50.4 75.6
77 62.0 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.351 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion: 45 Resp: 190330
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.0
79 9.7 0.0 29.1

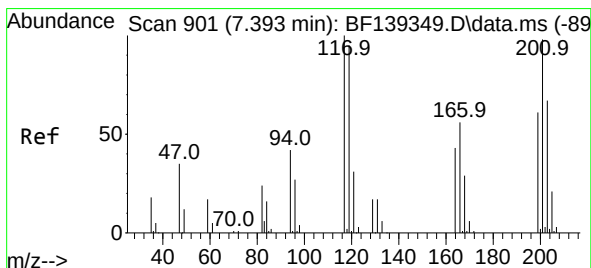
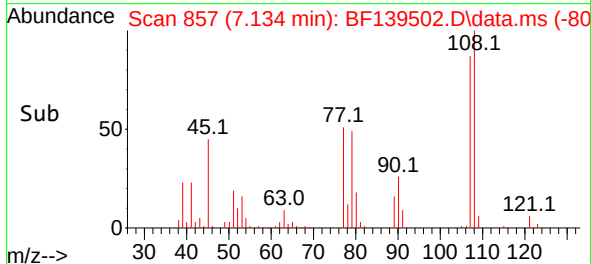
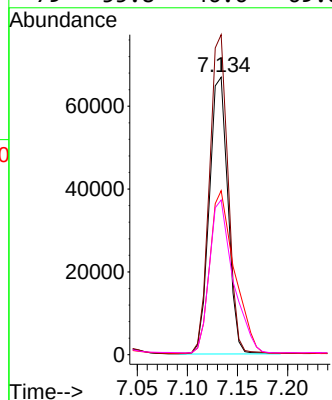
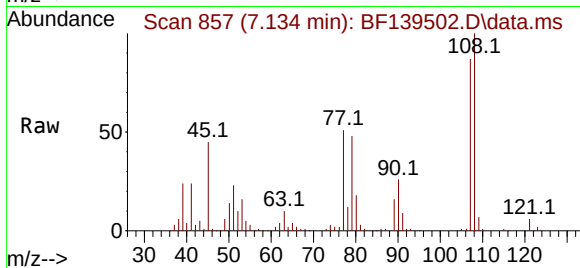




#17
2-Methylphenol
Concen: 20.346 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

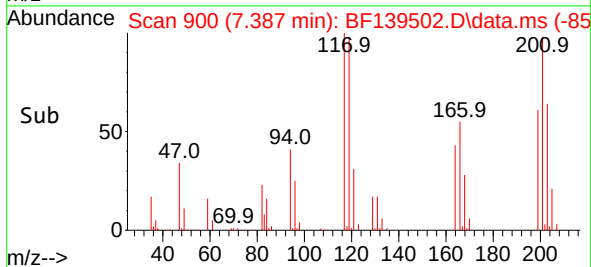
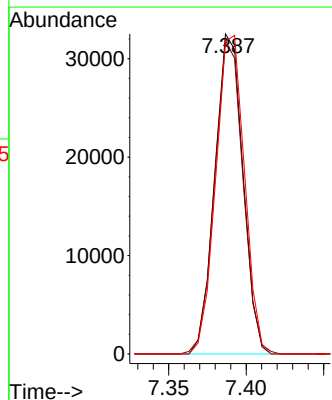
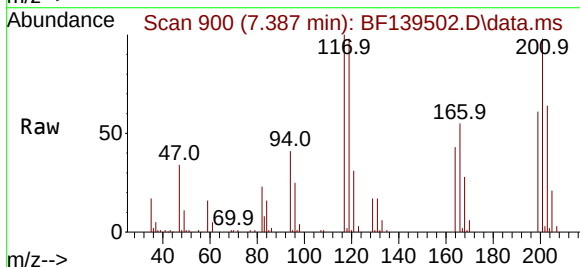
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

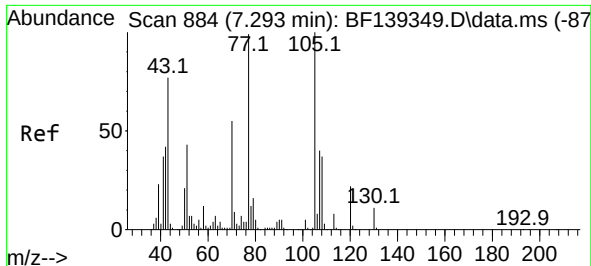
Tgt Ion:	107	Resp:	86613
Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.5	135.7
77	59.1	47.1	70.7
79	55.8	46.6	69.8



#18
Hexachloroethane
Concen: 17.522 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:	117	Resp:	41097
Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.8	113.8
201	97.7	78.6	118.0

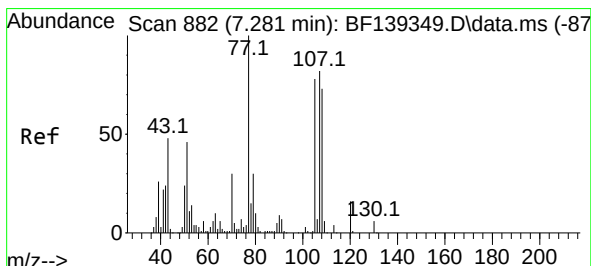
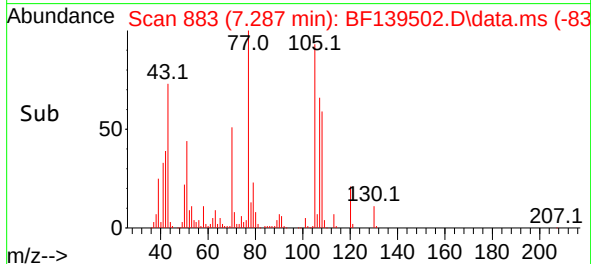
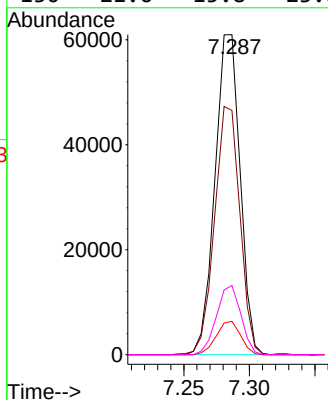
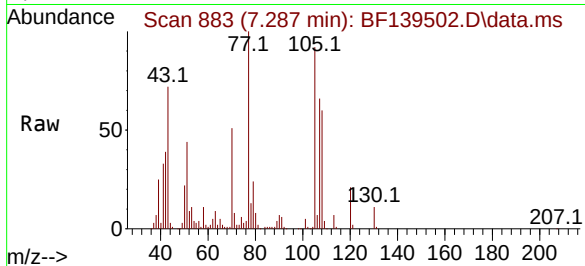




#19
n-Nitroso-di-n-propylamine
Concen: 20.114 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

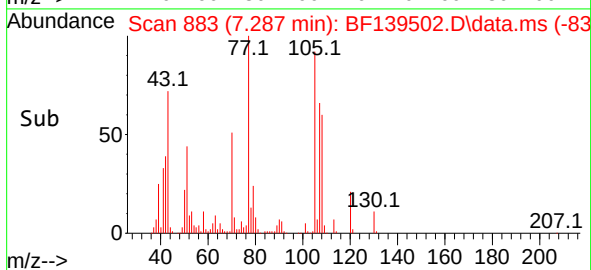
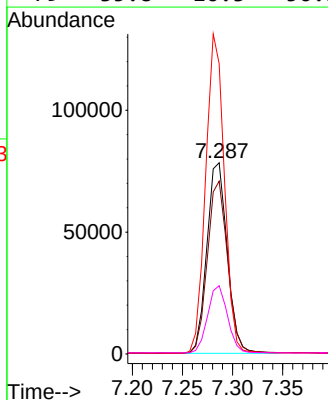
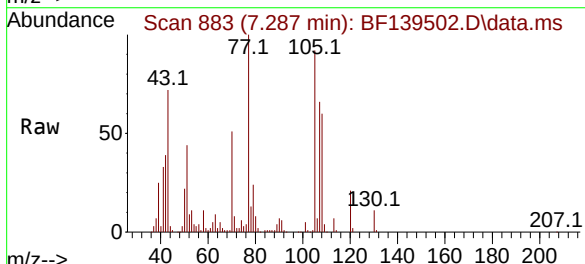
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

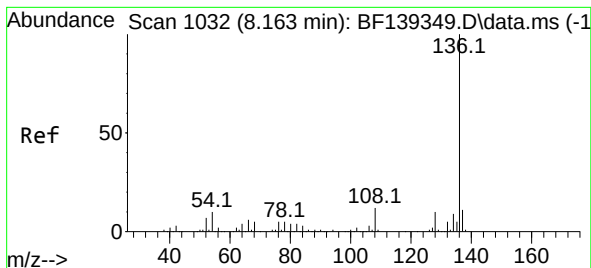
Tgt Ion:	70	Resp:	81436
Ion	Ratio	Lower	Upper
70	100		
42	76.3	61.2	91.8
101	10.4	7.5	11.3
130	21.6	15.8	23.8



#20
3+4-Methylphenols
Concen: 19.089 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:	107	Resp:	110868
Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.6	108.6
77	151.9	101.6	141.6#
79	35.8	16.3	56.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

Tgt Ion:136 Resp: 297564

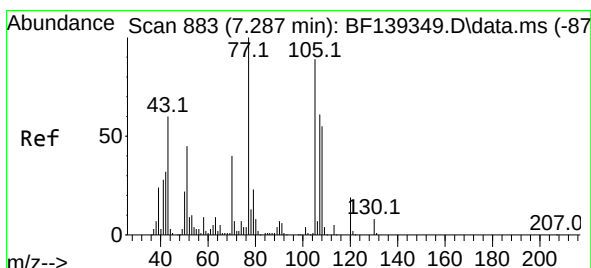
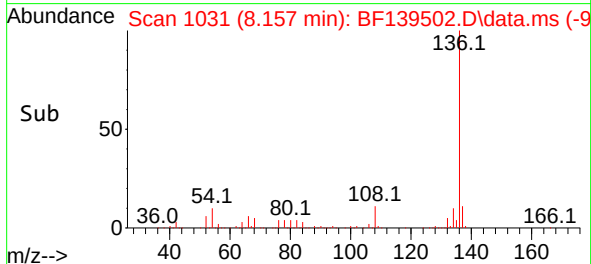
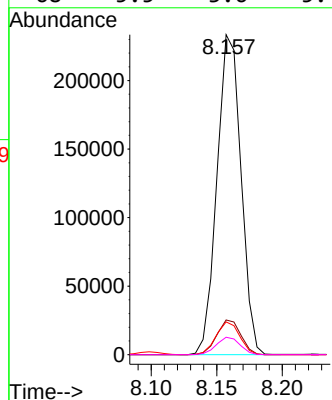
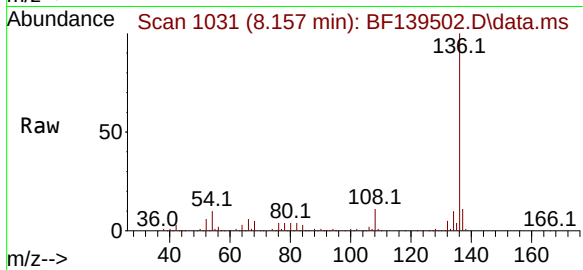
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 10.3 7.8 11.8

68 5.5 3.6 5.4#



#22

Acetophenone

Concen: 19.808 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Tgt Ion:105 Resp: 154091

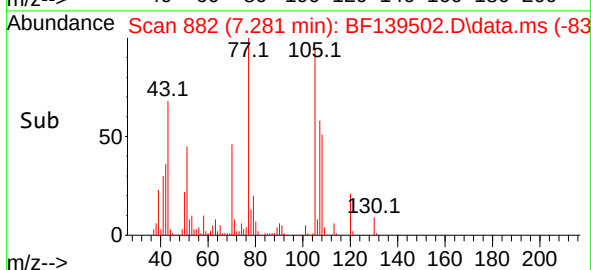
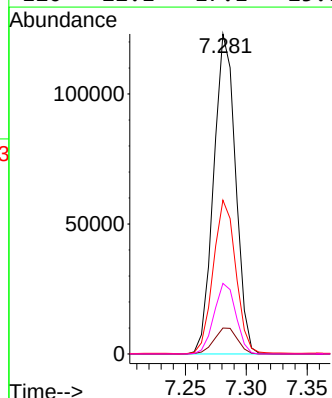
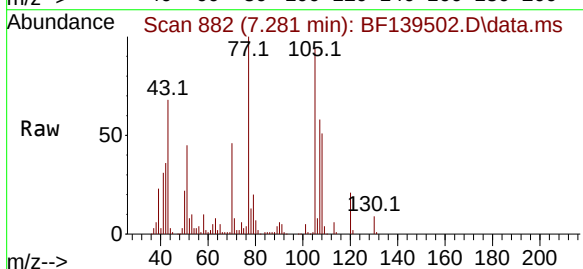
Ion Ratio Lower Upper

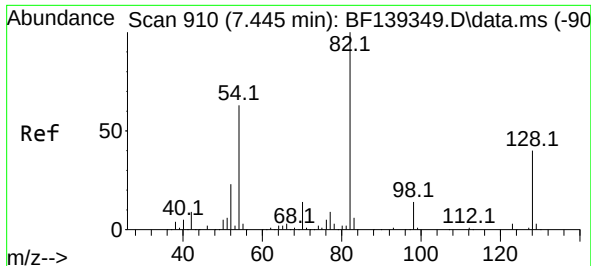
105 100

71 8.1 5.9 8.9

51 48.1 40.0 60.0

120 22.1 17.1 25.7





#23

Nitrobenzene-d5

Concen: 35.690 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

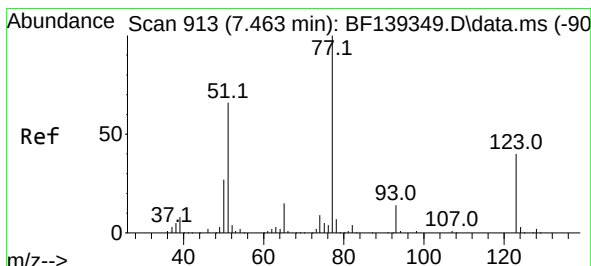
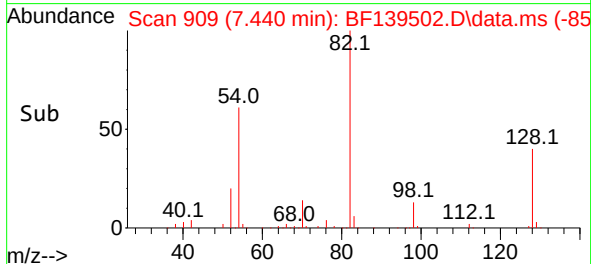
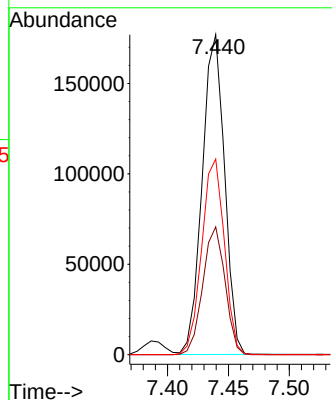
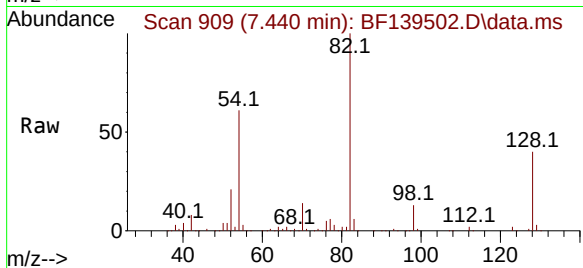
Tgt Ion: 82 Resp: 225904

Ion Ratio Lower Upper

82 100

128 40.0 31.8 47.6

54 61.1 50.6 75.8



#24

Nitrobenzene

Concen: 19.417 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

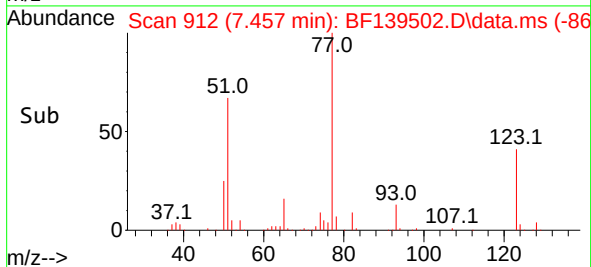
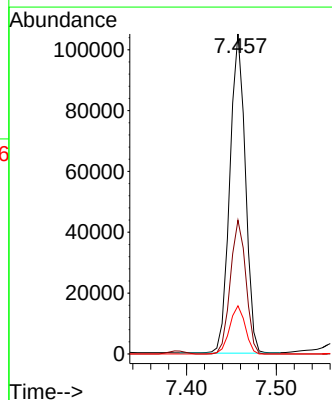
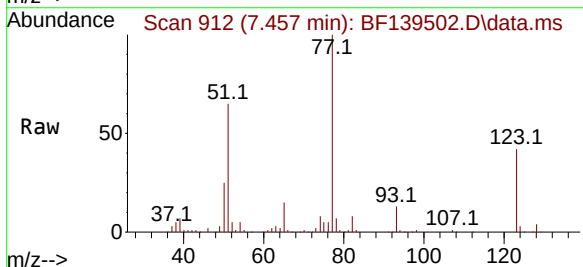
Tgt Ion: 77 Resp: 126492

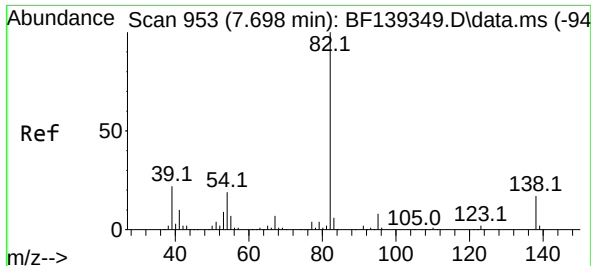
Ion Ratio Lower Upper

77 100

123 41.8 32.2 48.4

65 15.1 12.2 18.4

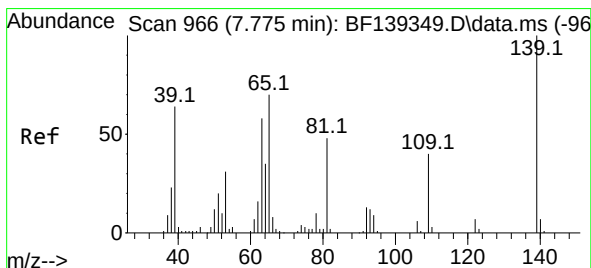
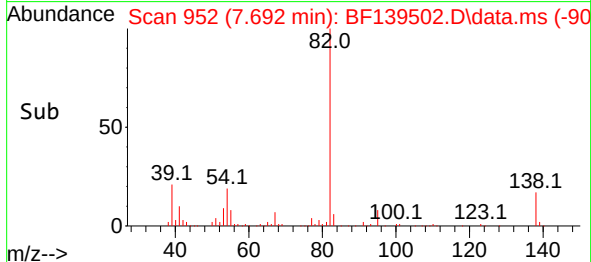
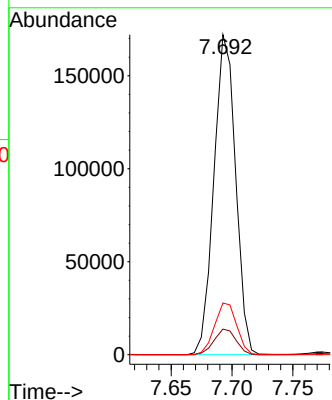
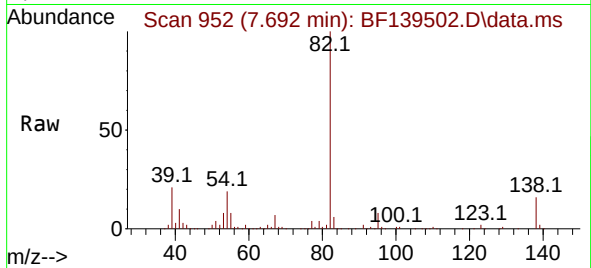




#25
Isophorone
Concen: 21.332 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

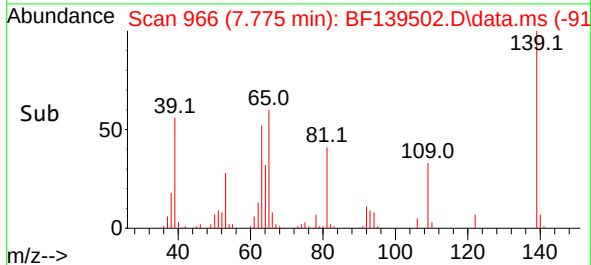
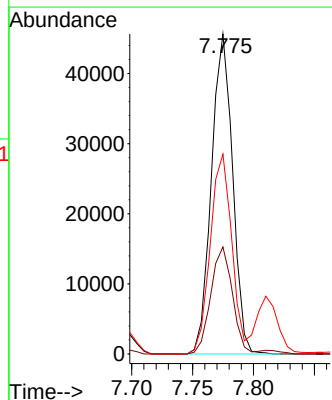
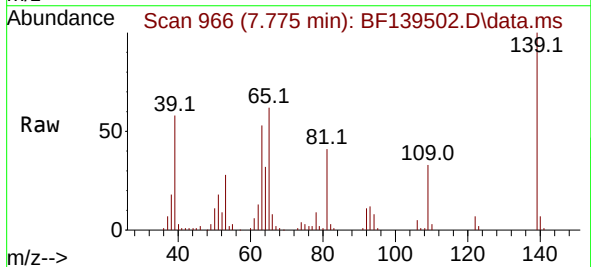
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

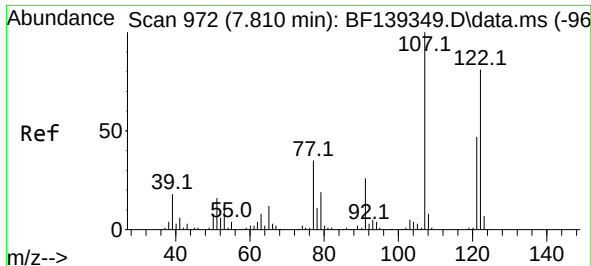
Tgt Ion: 82 Resp: 213541
Ion Ratio Lower Upper
82 100
95 8.0 6.7 10.1
138 16.2 13.3 19.9



#26
2-Nitrophenol
Concen: 21.699 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:139 Resp: 55072
Ion Ratio Lower Upper
139 100
109 33.4 32.2 48.2
65 62.5 55.8 83.8

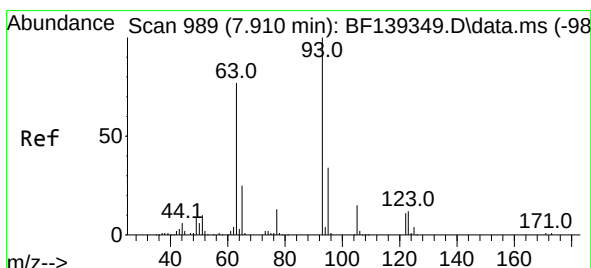
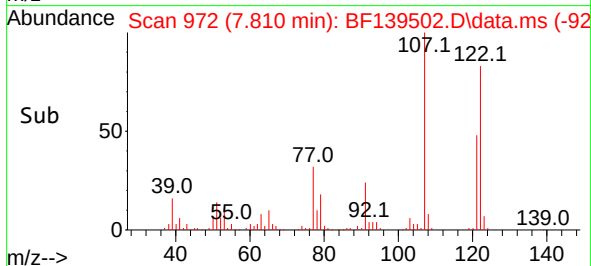
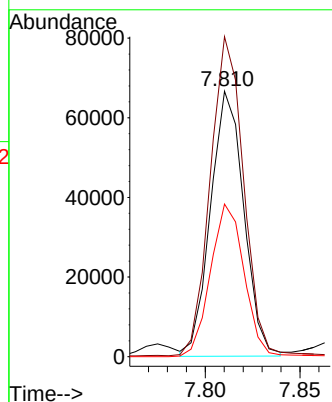
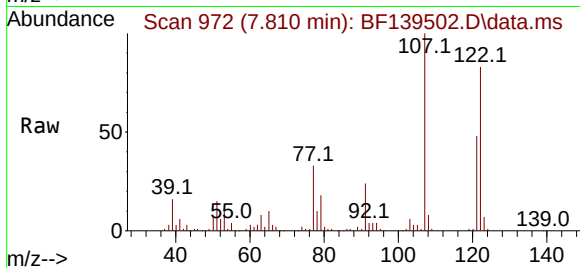




#27
2,4-Dimethylphenol
Concen: 24.321 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

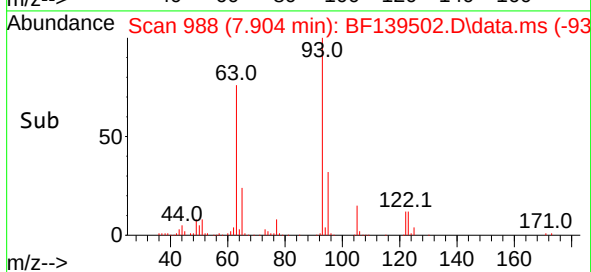
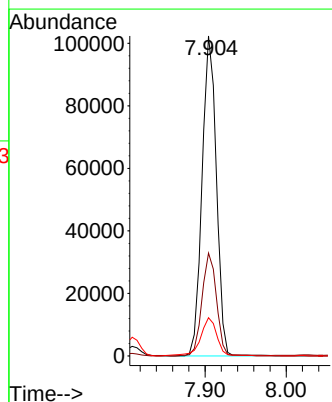
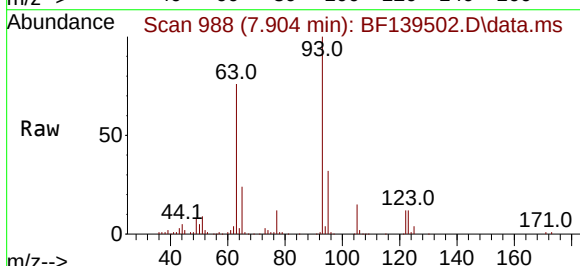
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

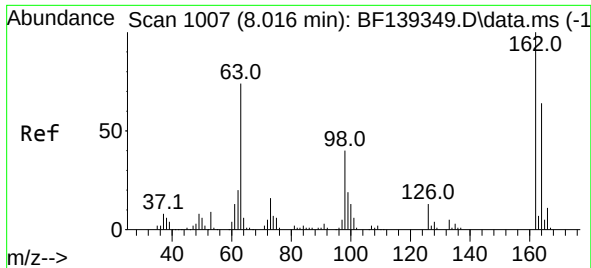
Tgt Ion:122 Resp: 81423
Ion Ratio Lower Upper
122 100
107 120.6 99.1 148.7
121 57.5 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 21.939 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion: 93 Resp: 125163
Ion Ratio Lower Upper
93 100
95 32.2 26.9 40.3
123 11.9 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 20.156 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

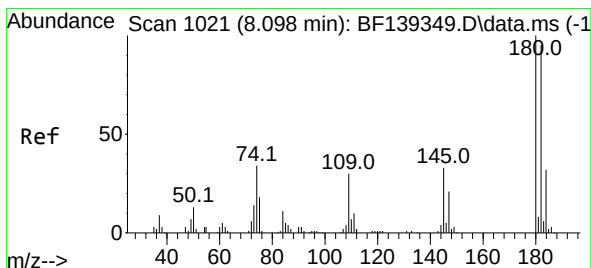
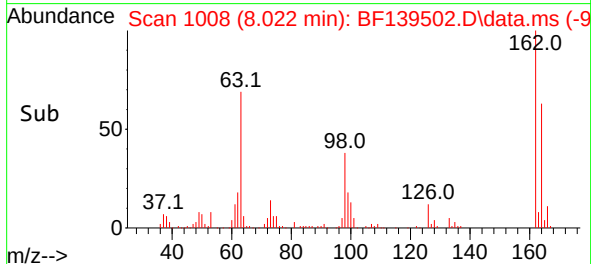
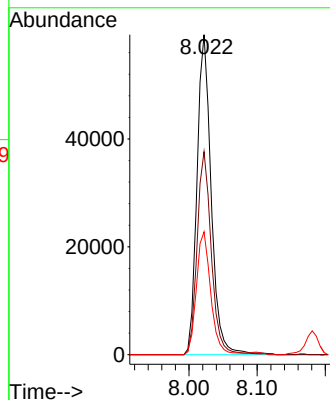
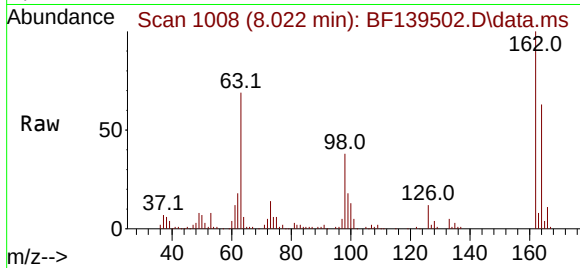
Tgt Ion:162 Resp: 85727

Ion Ratio Lower Upper

162 100

164 63.5 43.6 83.6

98 38.4 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 18.891 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

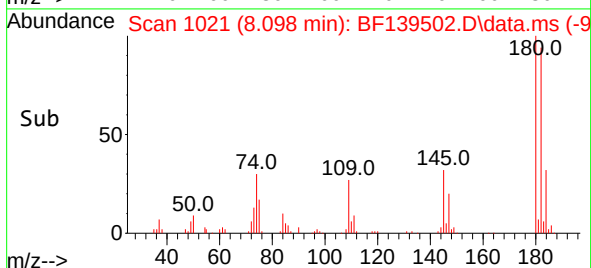
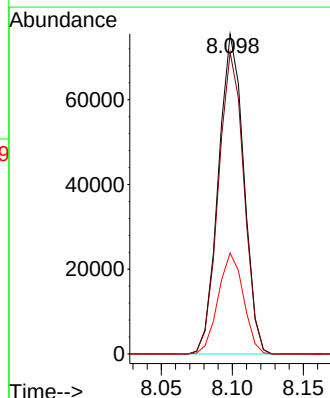
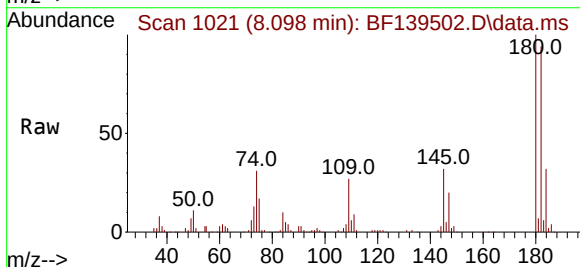
Tgt Ion:180 Resp: 93617

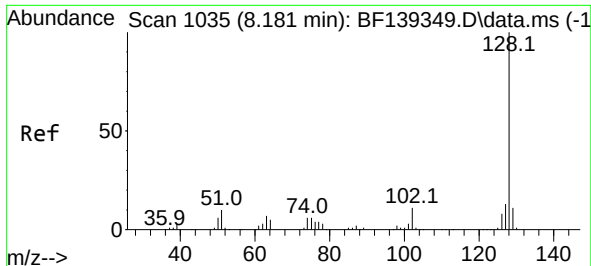
Ion Ratio Lower Upper

180 100

182 94.3 75.7 113.5

145 31.5 26.5 39.7

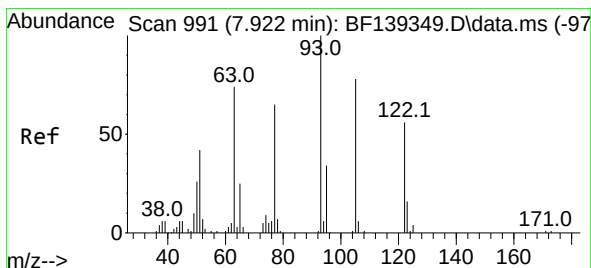
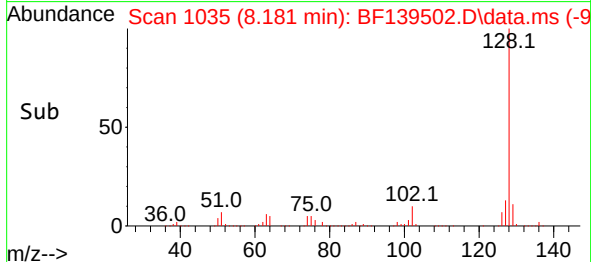
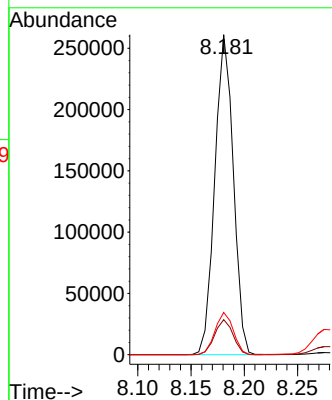
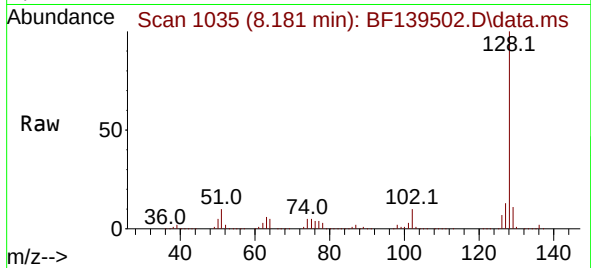




#31
Naphthalene
Concen: 20.296 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

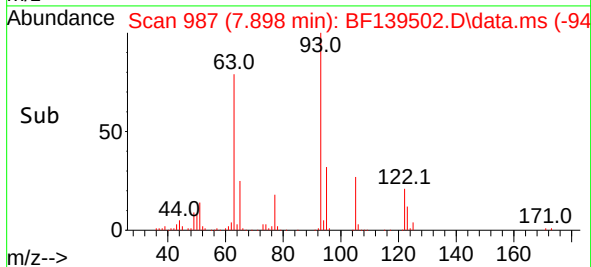
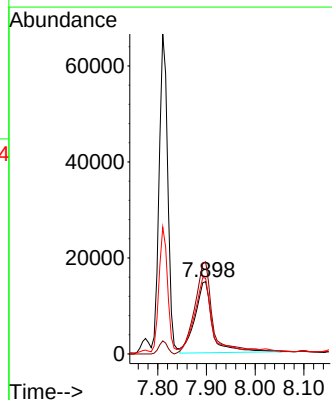
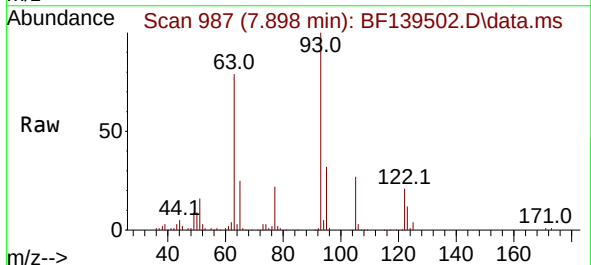
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

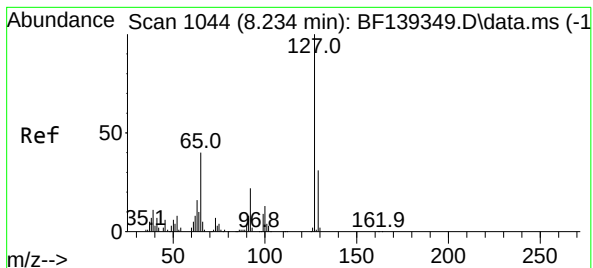
Tgt Ion:128 Resp: 315284
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 11.845 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.024 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:122 Resp: 37111
Ion Ratio Lower Upper
122 100
105 127.3 117.1 157.1
77 104.6 95.4 135.4





#33

4-Chloroaniline

Concen: 12.425 ng

RT: 8.275 min Scan# 1051

Delta R.T. 0.041 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

Tgt Ion:127 Resp: 59049

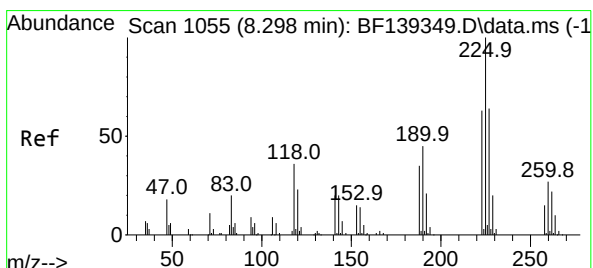
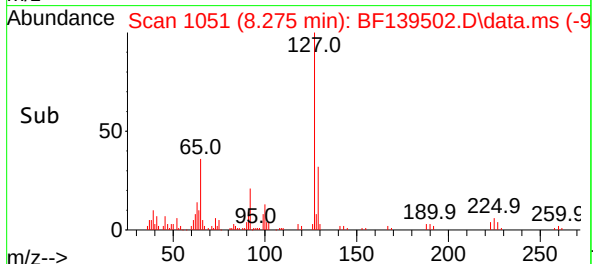
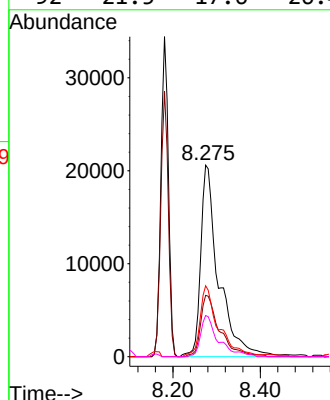
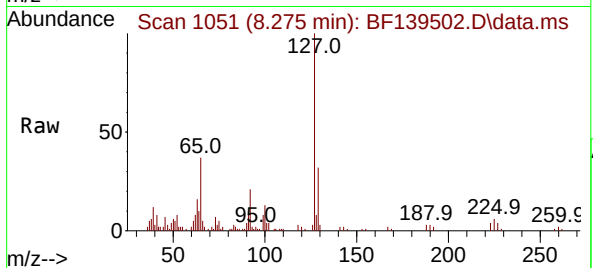
Ion Ratio Lower Upper

127 100

129 32.0 25.5 38.3

65 37.0 31.5 47.3

92 21.5 17.6 26.4



#34

Hexachlorobutadiene

Concen: 18.489 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

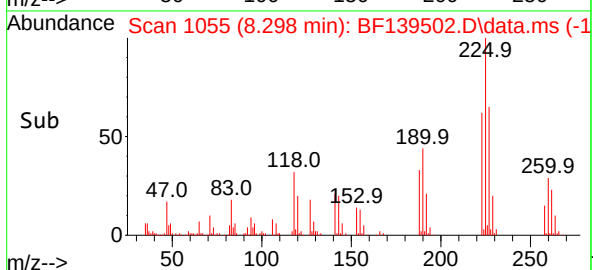
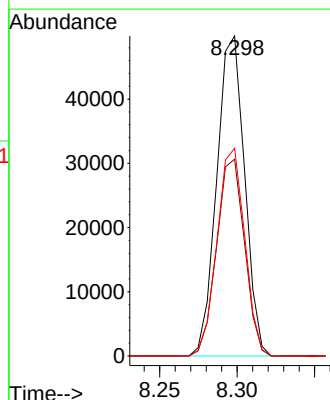
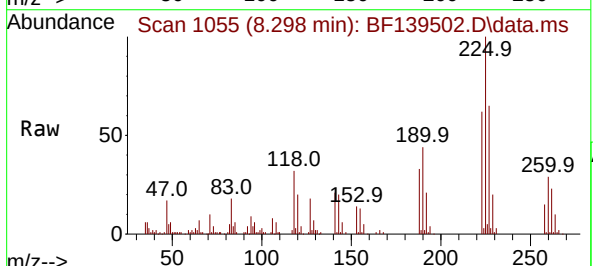
Tgt Ion:225 Resp: 62248

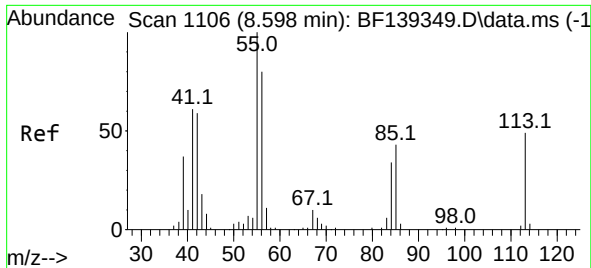
Ion Ratio Lower Upper

225 100

223 61.5 50.1 75.1

227 64.9 51.0 76.6

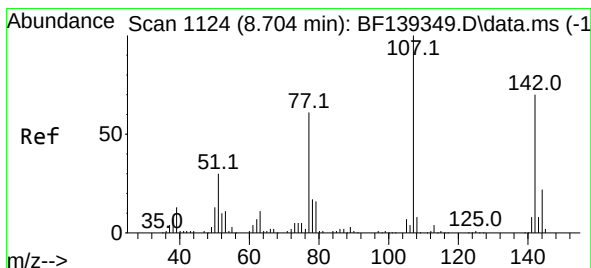
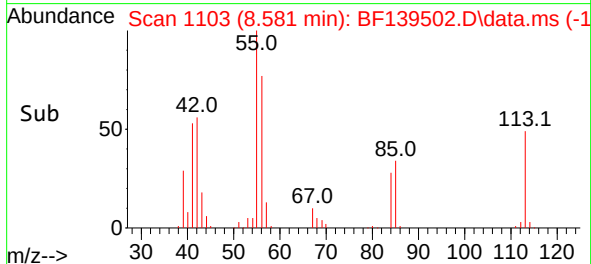
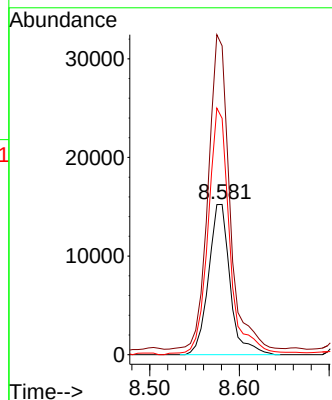
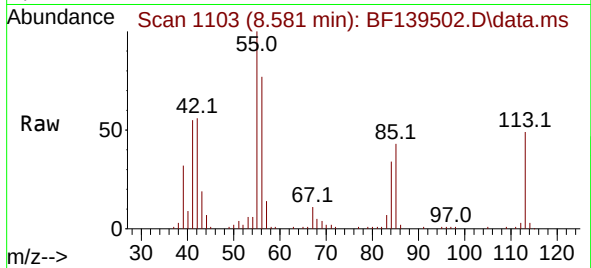




#35
 Caprolactam
 Concen: 19.413 ng
 RT: 8.581 min Scan# 1103
 Delta R.T. -0.018 min
 Lab File: BF139502.D
 Acq: 20 Sep 2024 15:26

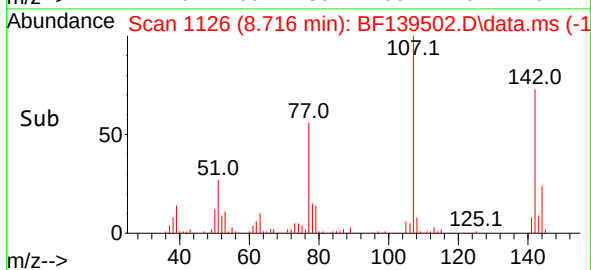
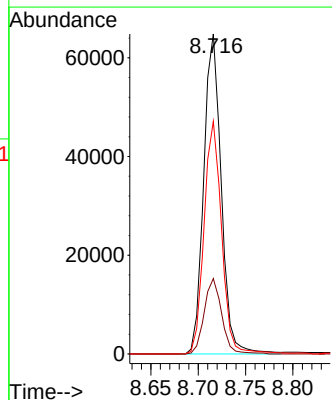
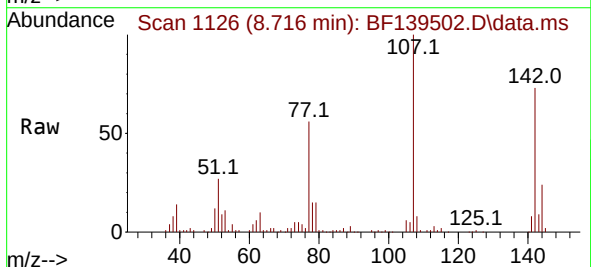
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-09192024MS

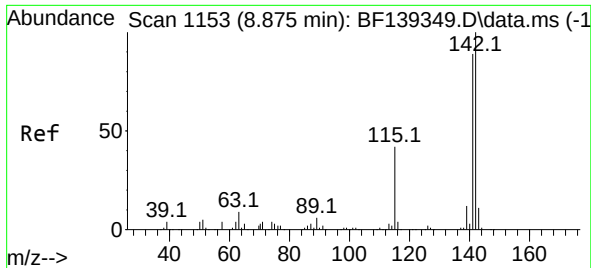
Tgt Ion:113 Resp: 25398
 Ion Ratio Lower Upper
 113 100
 55 205.5 186.1 226.1
 56 157.2 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 17.202 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF139502.D
 Acq: 20 Sep 2024 15:26

Tgt Ion:107 Resp: 83612
 Ion Ratio Lower Upper
 107 100
 144 23.6 17.5 26.3
 142 72.7 55.8 83.8





#37

2-Methylnaphthalene

Concen: 19.780 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

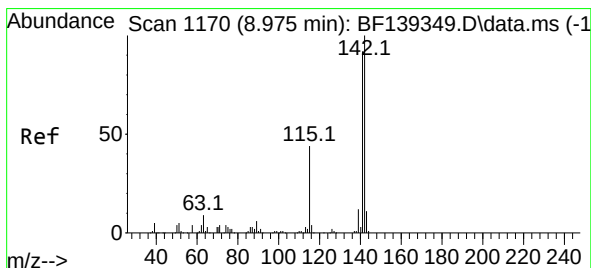
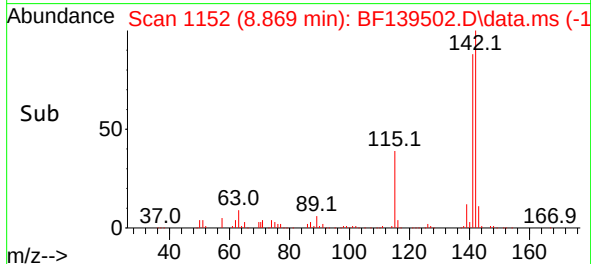
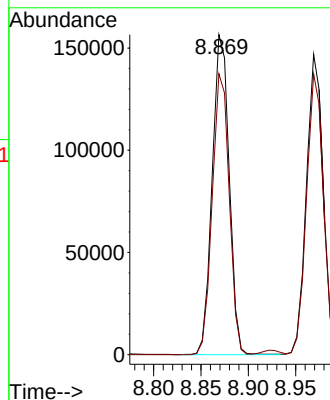
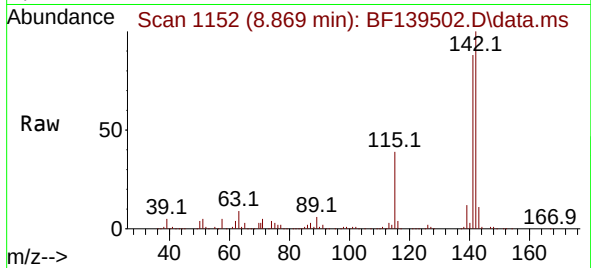
NB-08-09192024MS

Tgt Ion:142 Resp: 195036

Ion Ratio Lower Upper

142 100

141 87.8 71.6 107.4



#38

1-Methylnaphthalene

Concen: 18.632 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139502.D

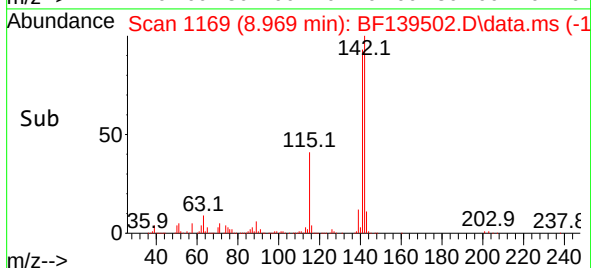
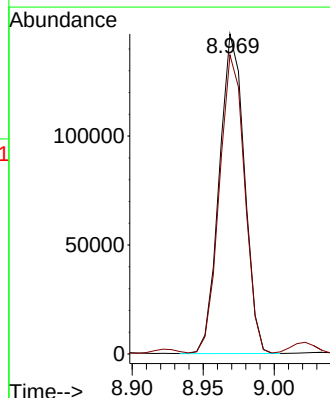
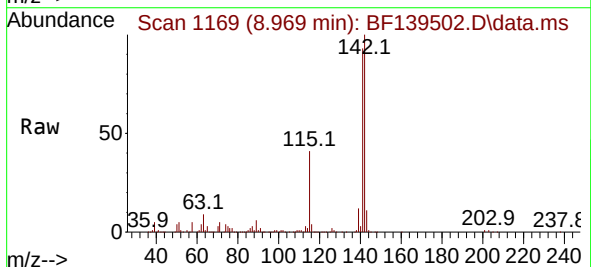
Acq: 20 Sep 2024 15:26

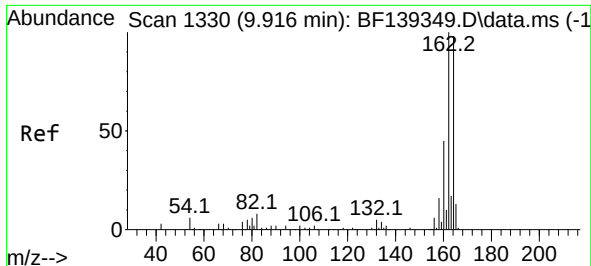
Tgt Ion:142 Resp: 180367

Ion Ratio Lower Upper

142 100

141 93.5 73.2 109.8

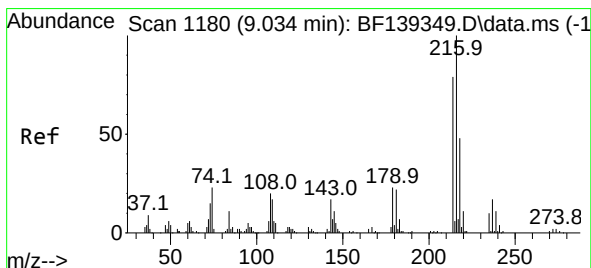
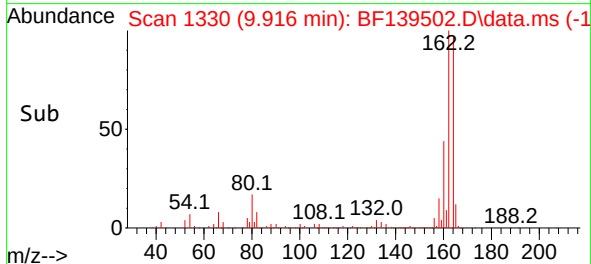
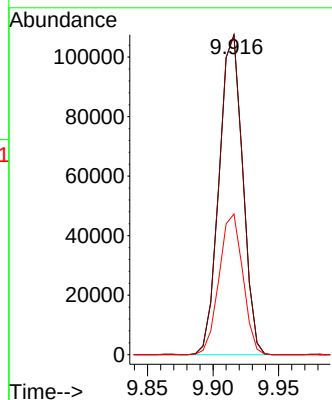
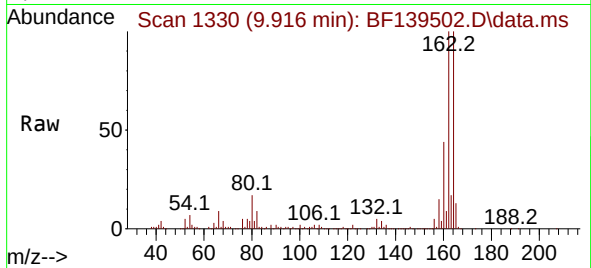




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

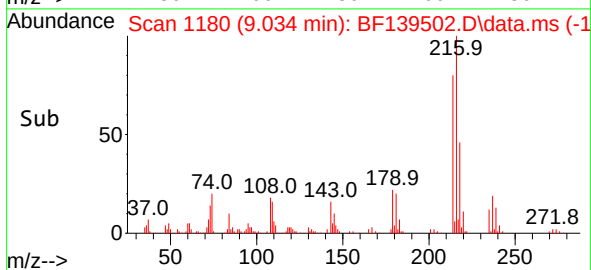
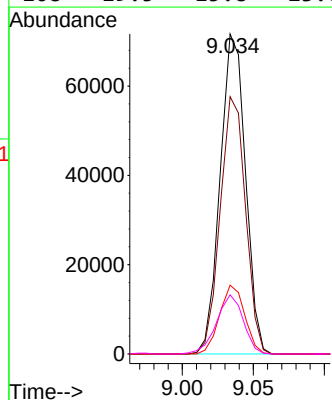
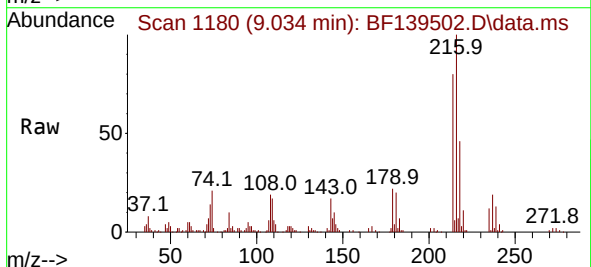
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

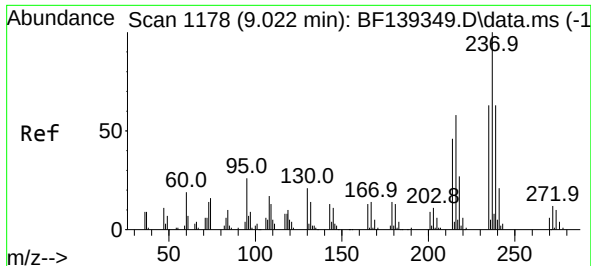
Tgt Ion:164 Resp: 134257
Ion Ratio Lower Upper
164 100
162 99.6 81.3 121.9
160 43.9 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 22.308 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:216 Resp: 88764
Ion Ratio Lower Upper
216 100
214 80.5 63.4 95.0
179 21.3 18.2 27.2
108 19.5 15.8 23.6

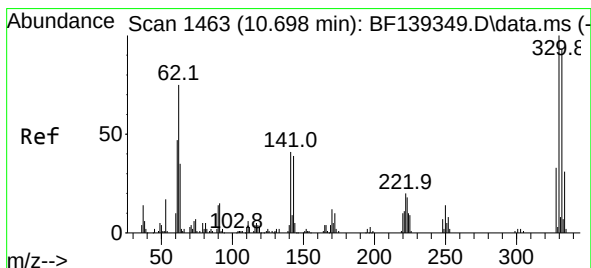
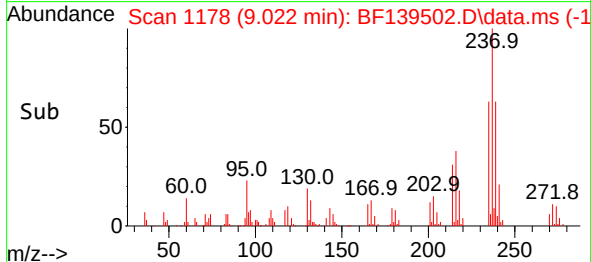
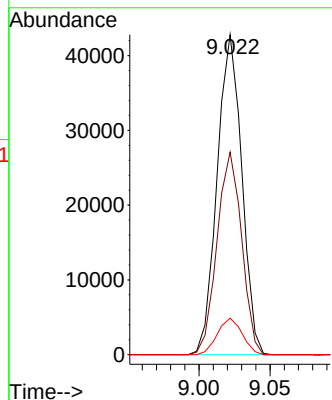
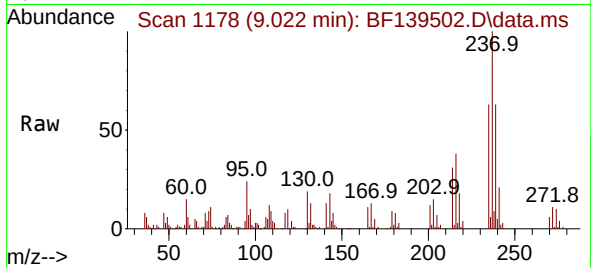




#41
Hexachlorocyclopentadiene
Concen: 37.128 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

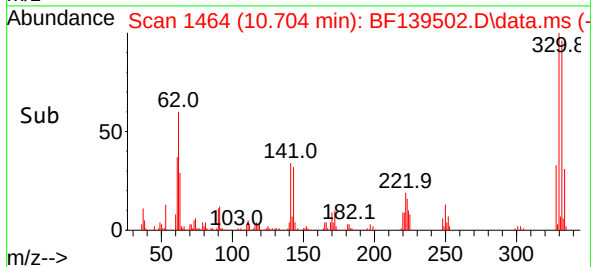
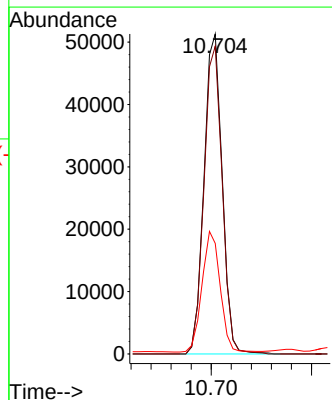
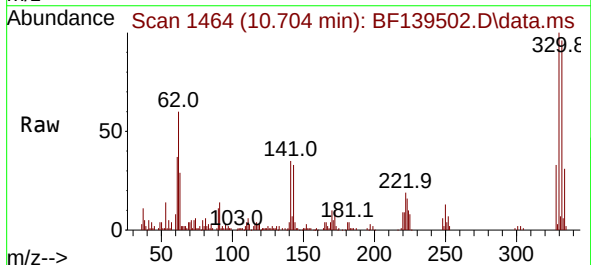
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

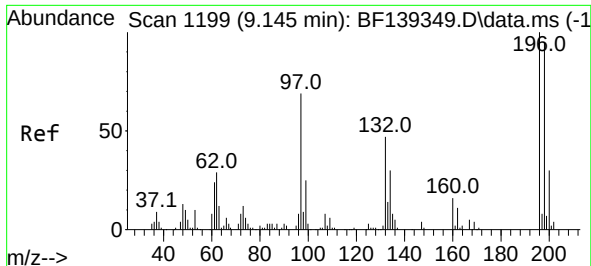
Tgt Ion:237	Resp:	51581
Ion Ratio	Lower	Upper
237	100	
235	63.3	42.7 82.7
272	11.4	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 45.202 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:330	Resp:	64609
Ion Ratio	Lower	Upper
330	100	
332	96.4	75.2 112.8
141	37.6	31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 21.537 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

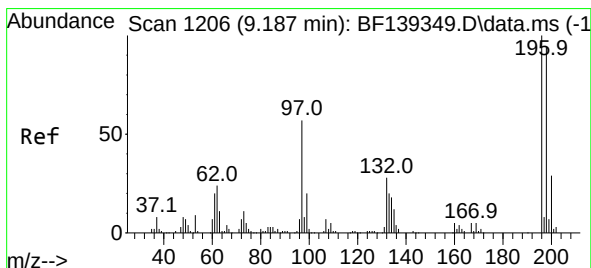
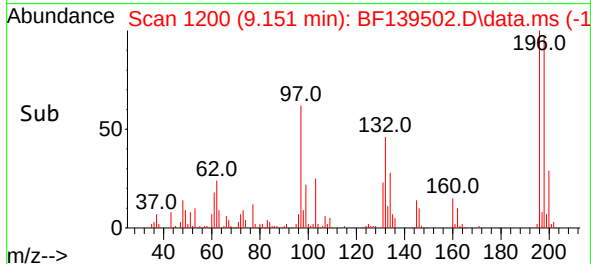
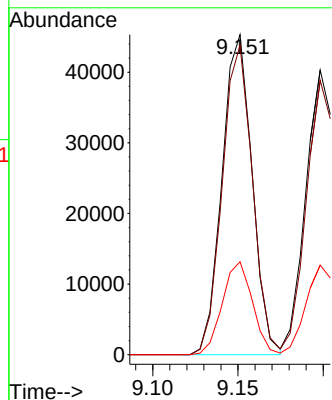
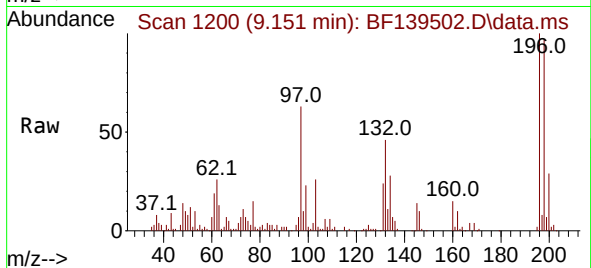
Tgt Ion:196 Resp: 55752

Ion Ratio Lower Upper

196 100

198 96.7 75.8 113.6

200 29.0 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 20.005 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Tgt Ion:196 Resp: 54626

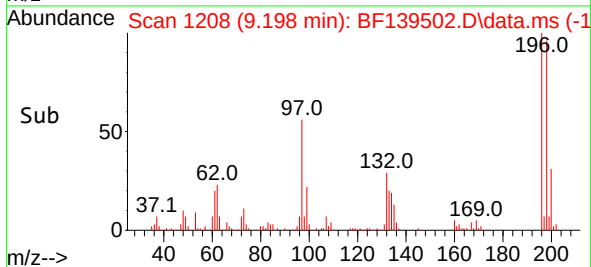
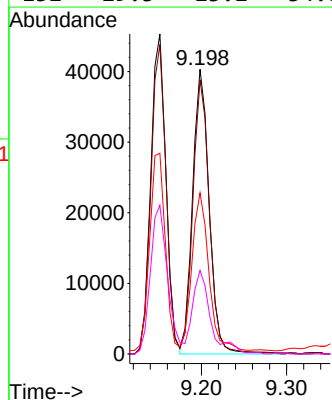
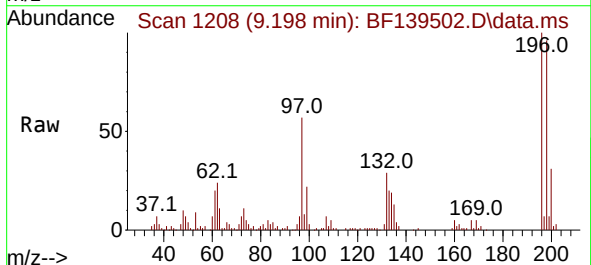
Ion Ratio Lower Upper

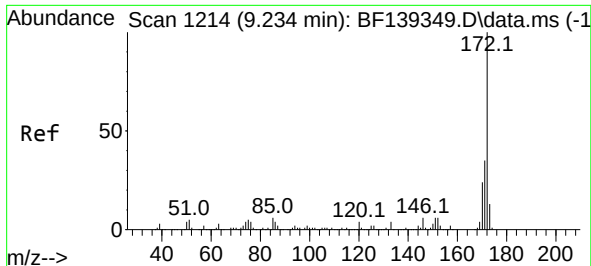
196 100

198 96.4 74.8 112.2

97 56.6 47.3 70.9

132 29.3 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 39.814 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

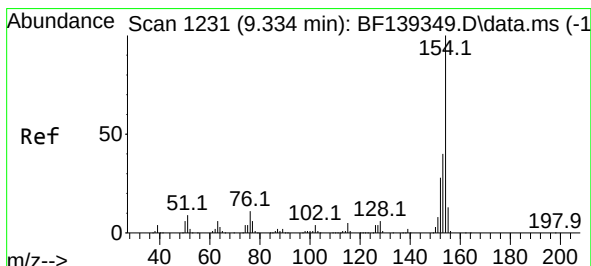
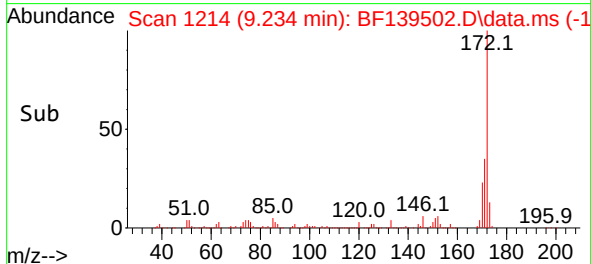
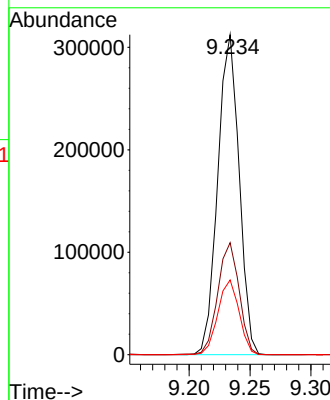
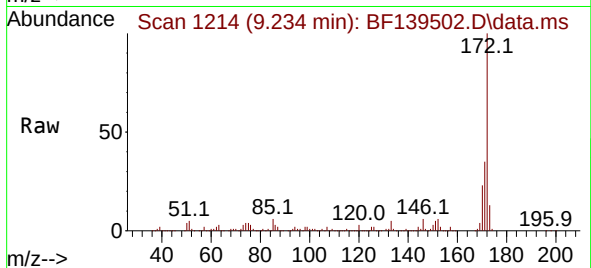
Tgt Ion:172 Resp: 381121

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.3 19.0 28.6



#46

1,1'-Biphenyl

Concen: 21.967 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

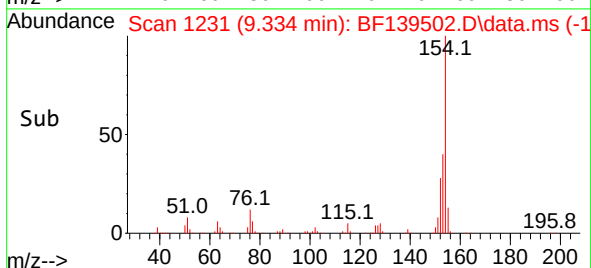
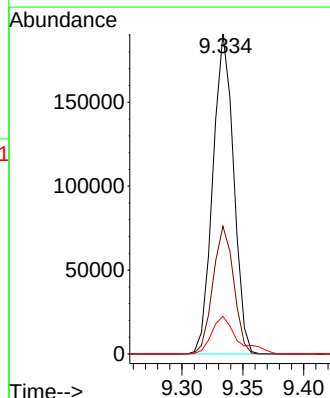
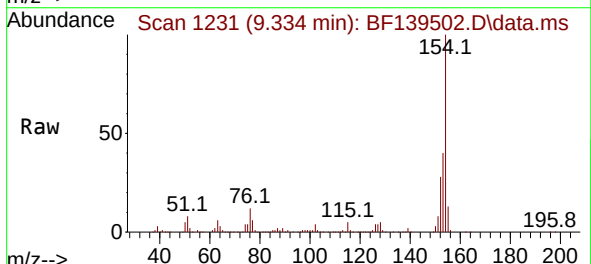
Tgt Ion:154 Resp: 226888

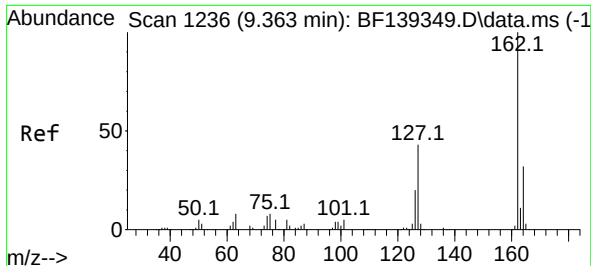
Ion Ratio Lower Upper

154 100

153 39.9 20.1 60.1

76 11.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 20.991 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

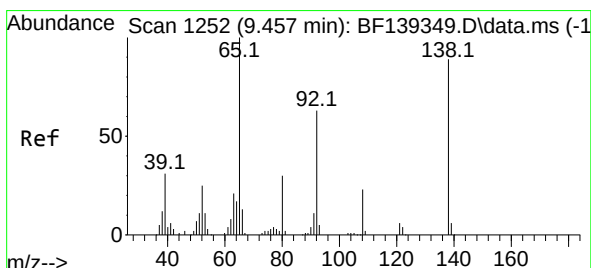
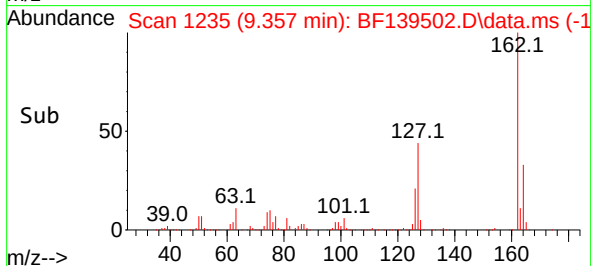
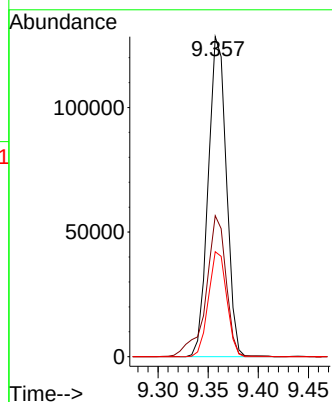
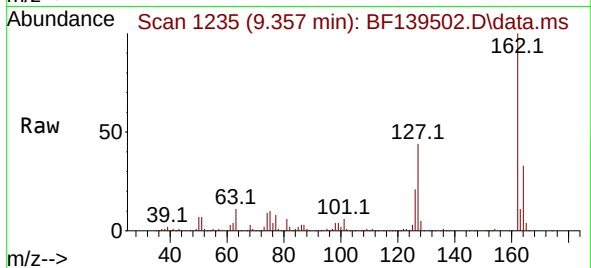
Tgt Ion:162 Resp: 162107

Ion Ratio Lower Upper

162 100

127 44.0 35.0 52.4

164 32.8 25.8 38.6



#48

2-Nitroaniline

Concen: 20.823 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

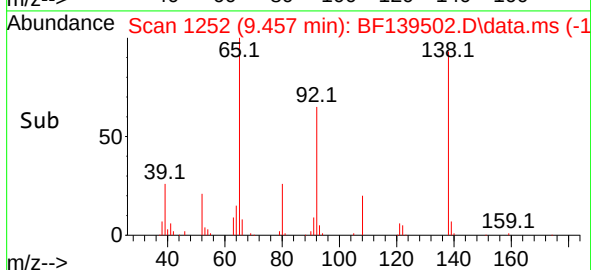
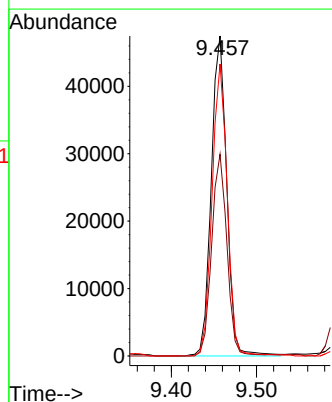
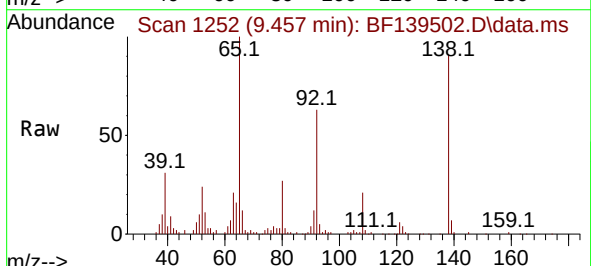
Tgt Ion: 65 Resp: 59814

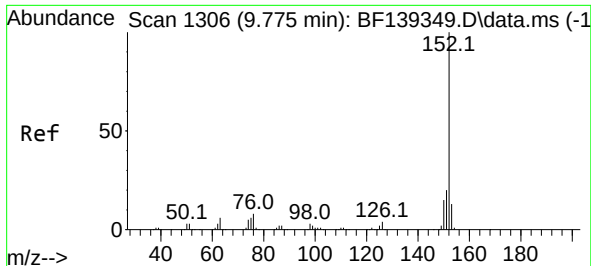
Ion Ratio Lower Upper

65 100

92 63.1 50.3 75.5

138 91.2 71.3 106.9

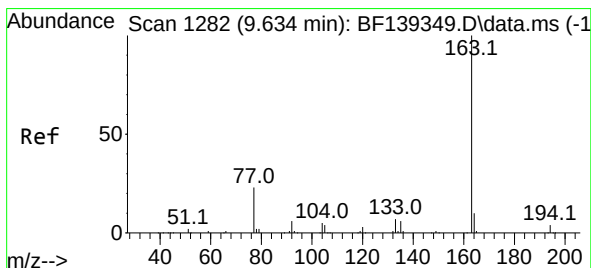
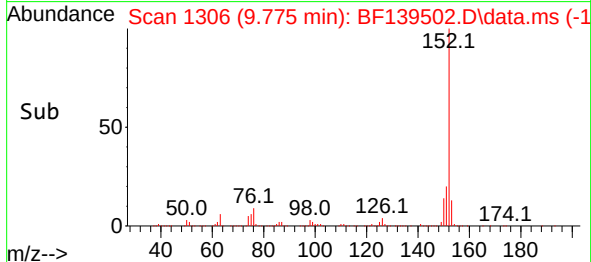
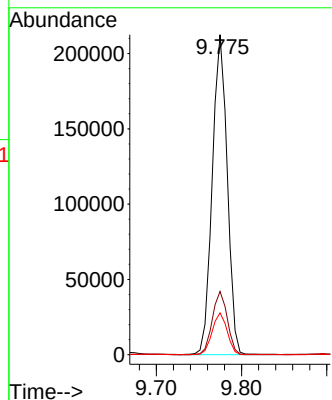
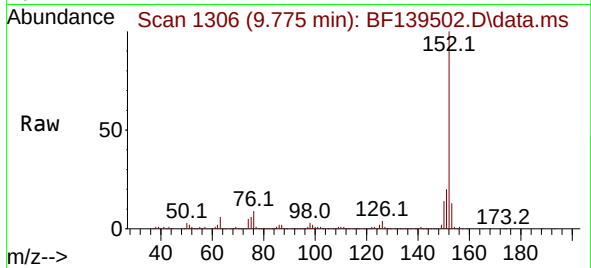




#49
Acenaphthylene
Concen: 22.321 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

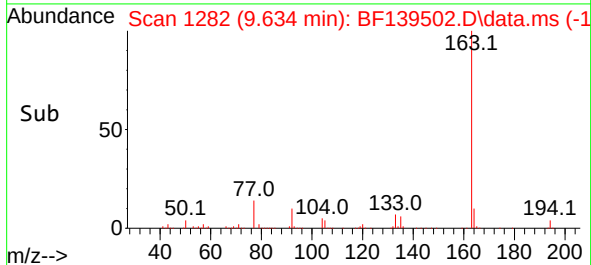
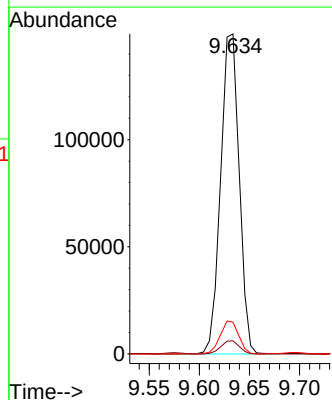
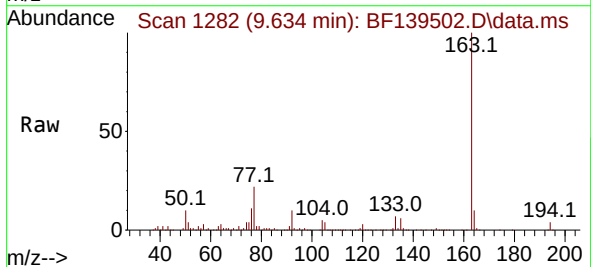
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

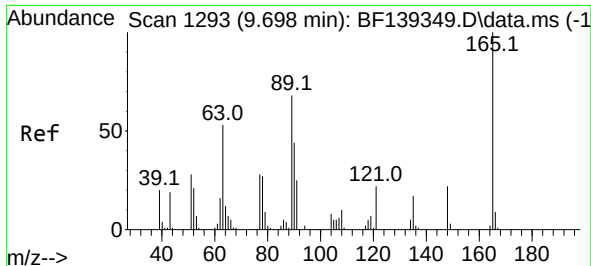
Tgt Ion:152 Resp: 259481
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.1 10.3 15.5



#50
Dimethylphthalate
Concen: 21.815 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:163 Resp: 192230
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 19.784 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

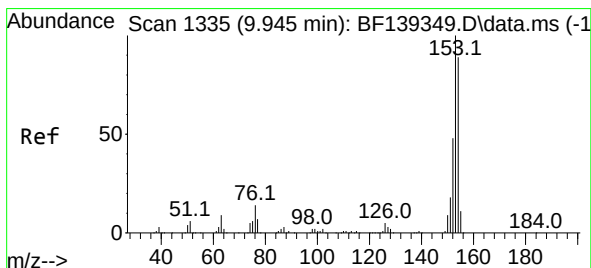
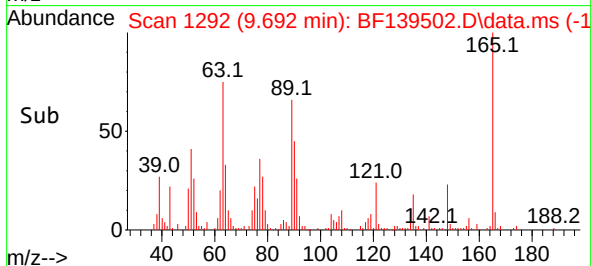
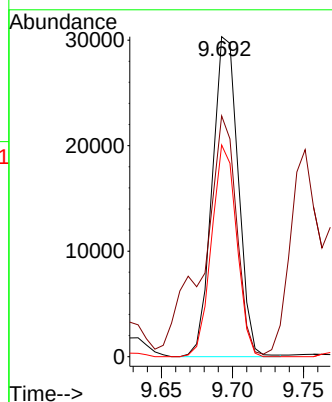
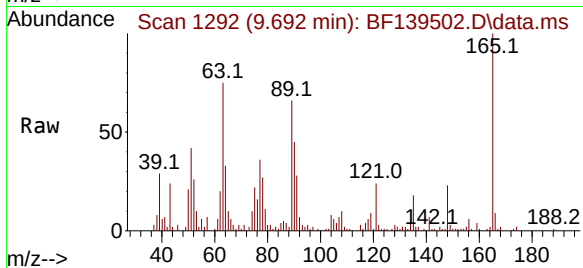
Tgt Ion:165 Resp: 38621

Ion Ratio Lower Upper

165 100

63 75.2 60.9 91.3

89 66.2 54.7 82.1



#52

Acenaphthene

Concen: 21.234 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

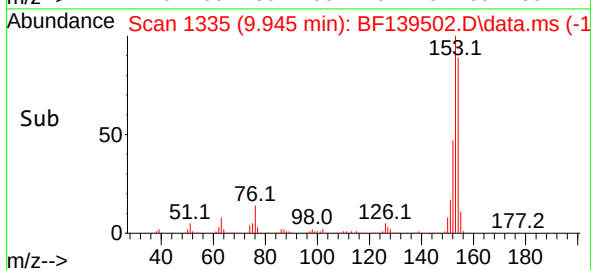
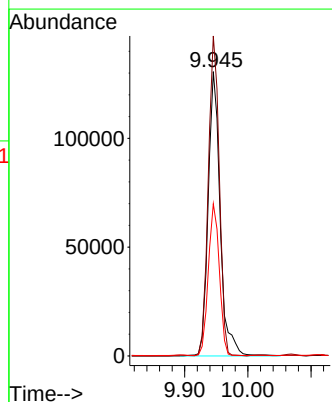
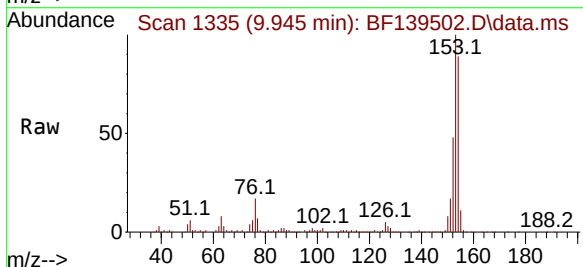
Tgt Ion:154 Resp: 172282

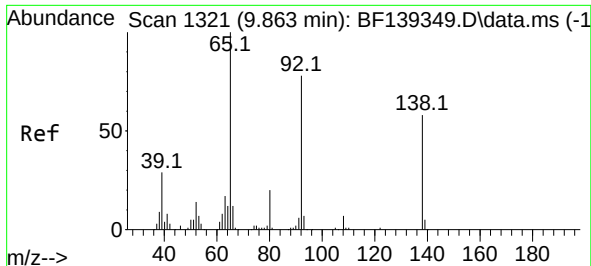
Ion Ratio Lower Upper

154 100

153 112.6 89.5 134.3

152 53.5 42.6 64.0

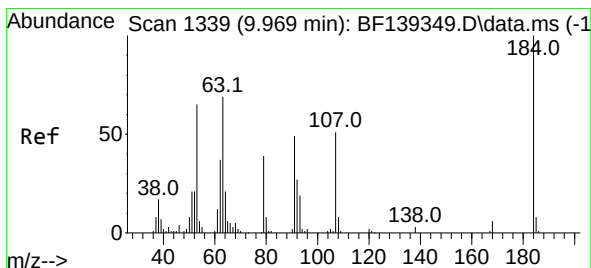
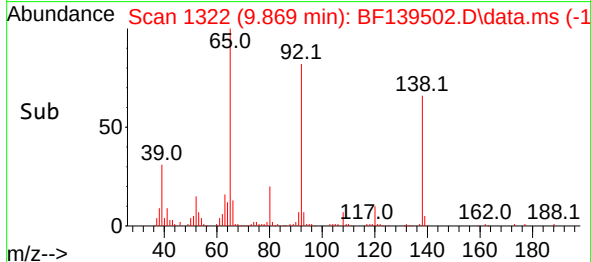
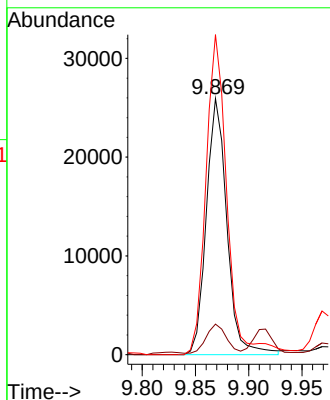
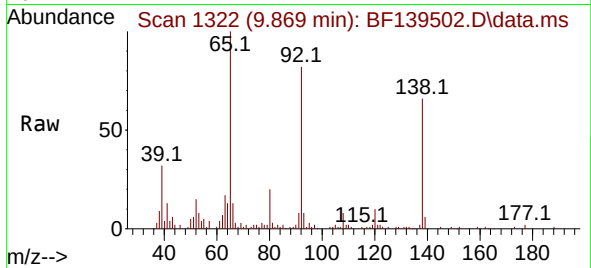




#53
3-Nitroaniline
Concen: 17.882 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

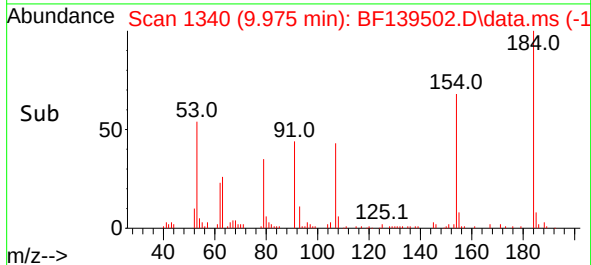
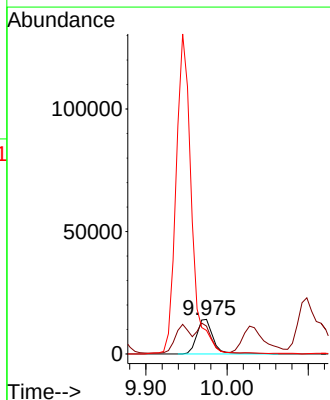
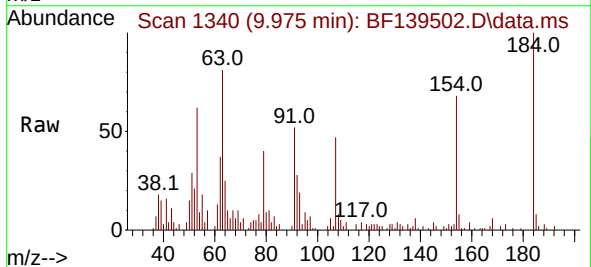
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

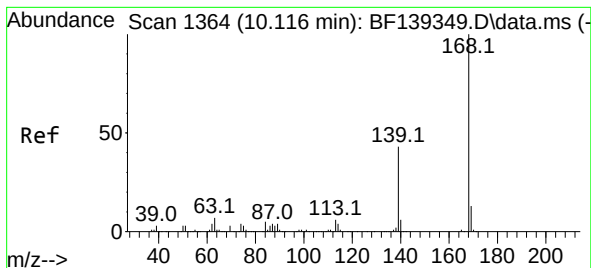
Tgt Ion:138 Resp: 34886
Ion Ratio Lower Upper
138 100
108 11.9 9.8 14.8
92 124.9 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 18.190 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:184 Resp: 19786
Ion Ratio Lower Upper
184 100
63 80.5 69.3 103.9
154 68.4 67.5 101.3





#55

Dibenzofuran

Concen: 20.655 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

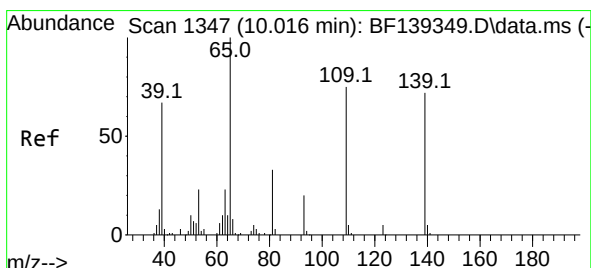
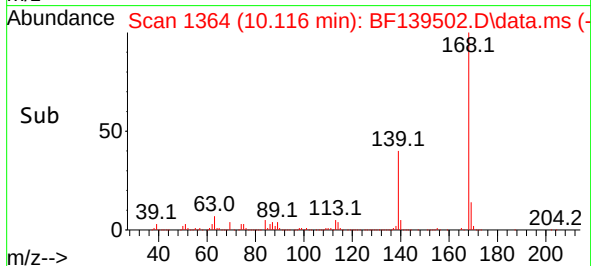
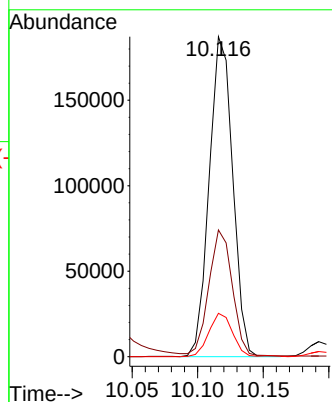
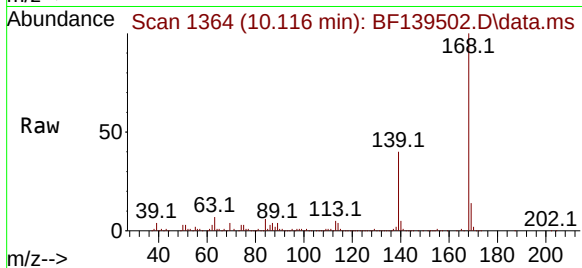
Tgt Ion:168 Resp: 233583

Ion Ratio Lower Upper

168 100

139 39.6 34.1 51.1

169 13.6 10.5 15.7



#56

4-Nitrophenol

Concen: 34.191 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.012 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

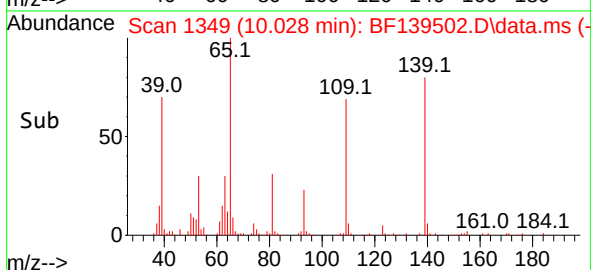
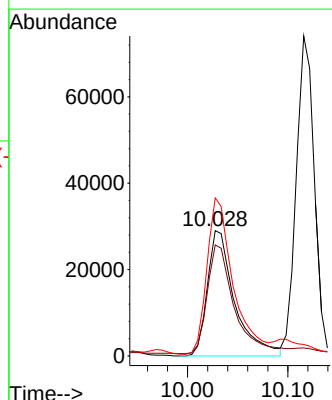
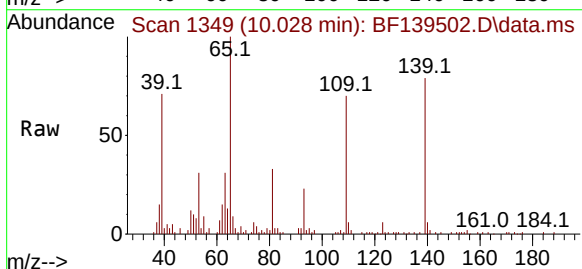
Tgt Ion:139 Resp: 55194

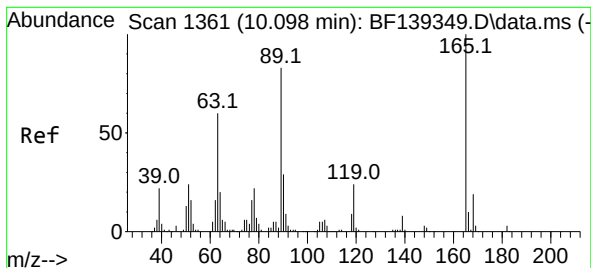
Ion Ratio Lower Upper

139 100

109 88.6 84.1 124.1

65 126.1 120.0 160.0

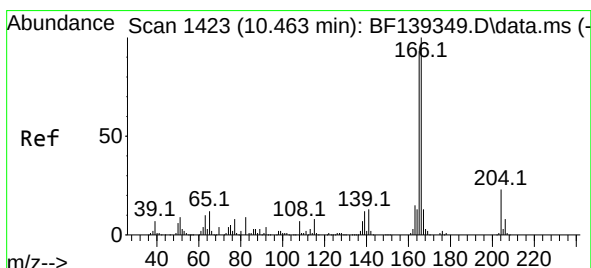
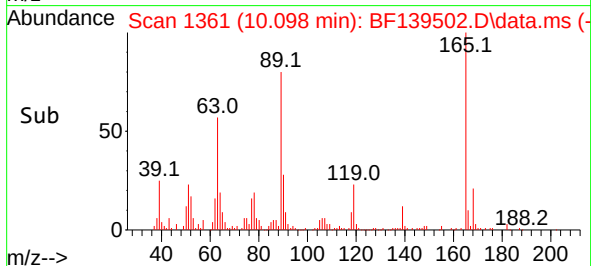
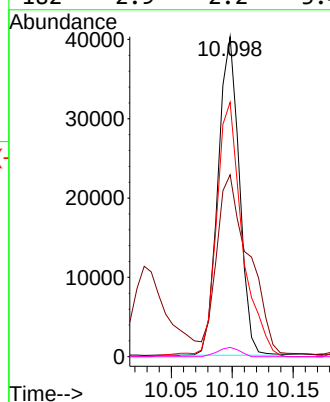
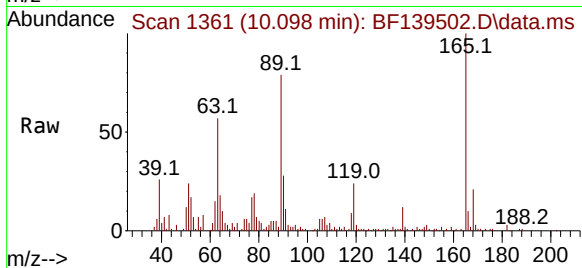




#57
2,4-Dinitrotoluene
Concen: 18.502 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

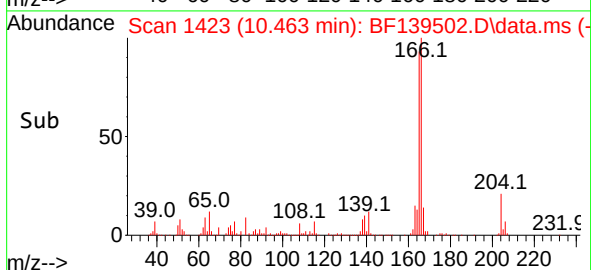
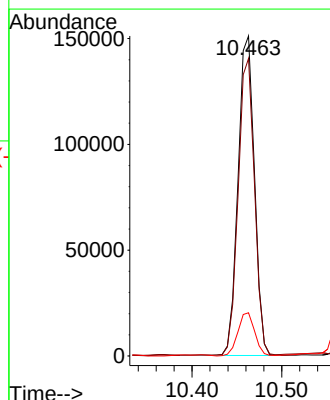
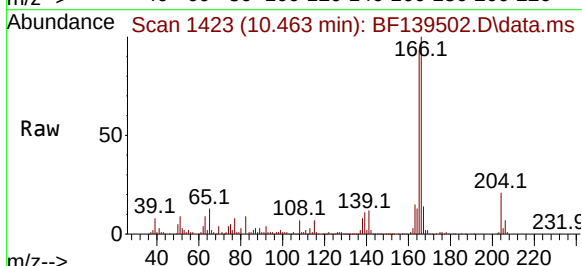
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

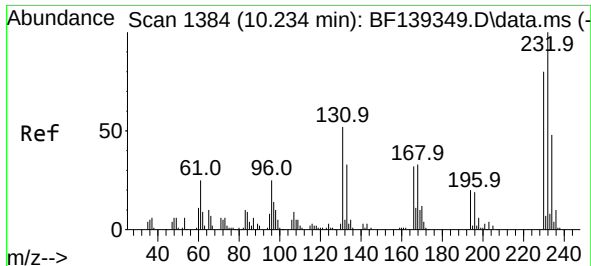
Tgt Ion:	165	Resp:	48761
Ion	Ratio	Lower	Upper
165	100		
63	56.9	47.8	71.6
89	79.5	66.7	100.1
182	2.9	2.2	3.4



#58
Fluorene
Concen: 20.752 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:	166	Resp:	191479
Ion	Ratio	Lower	Upper
166	100		
165	93.0	74.5	111.7
167	13.5	10.6	16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 18.459 ng

RT: 10.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

Tgt Ion:232 Resp: 41697

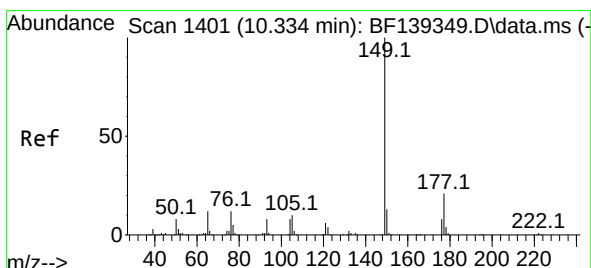
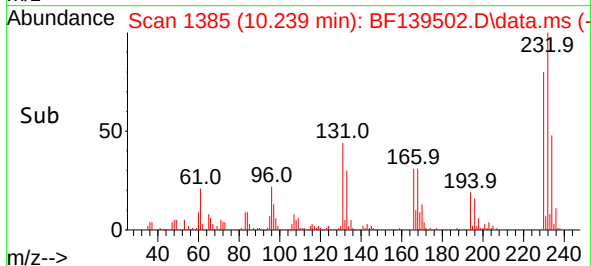
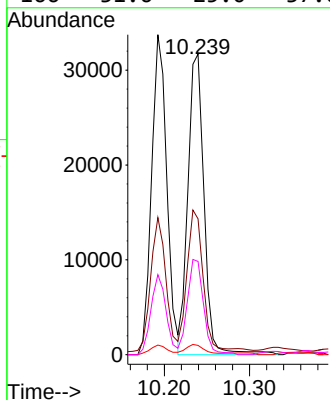
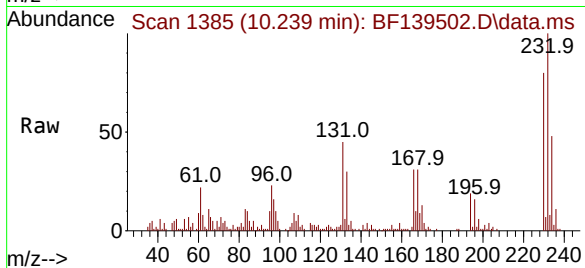
Ion Ratio Lower Upper

232 100

131 44.6 40.7 61.1

130 3.0 2.2 3.2

166 31.6 25.0 37.6



#60

Diethylphthalate

Concen: 19.819 ng

RT: 10.328 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

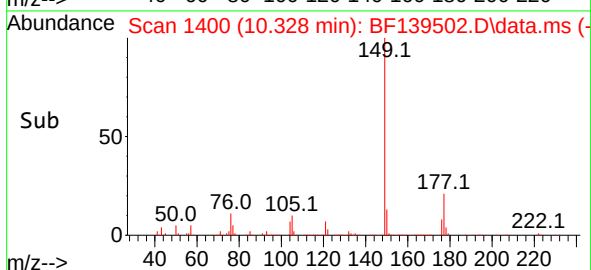
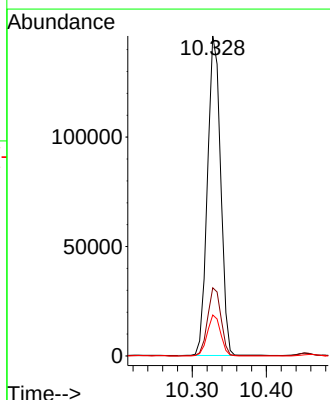
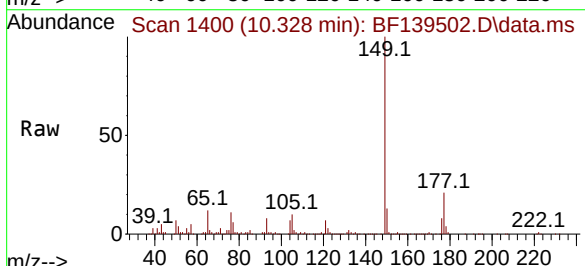
Tgt Ion:149 Resp: 180222

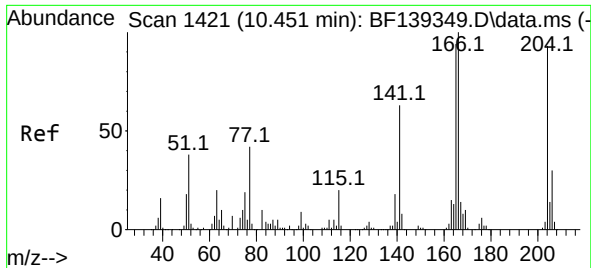
Ion Ratio Lower Upper

149 100

177 21.3 16.6 24.8

150 12.8 10.6 15.8

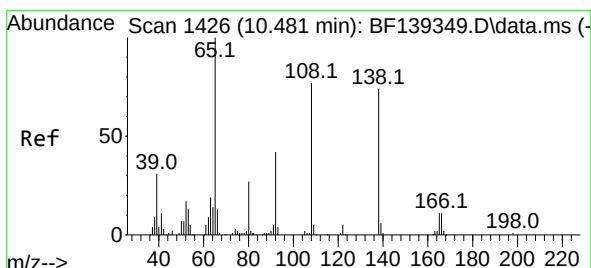
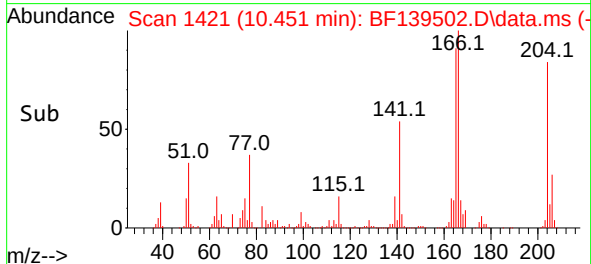
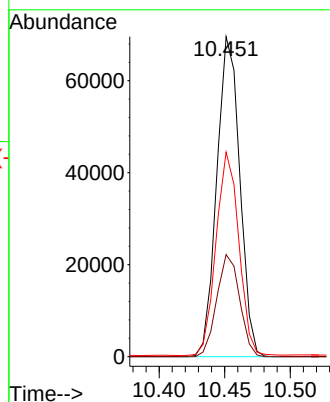
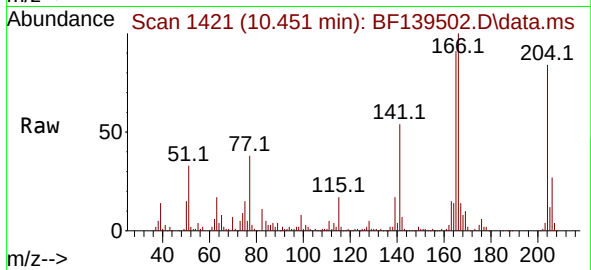




#61
4-Chlorophenyl-phenylether
Concen: 18.897 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

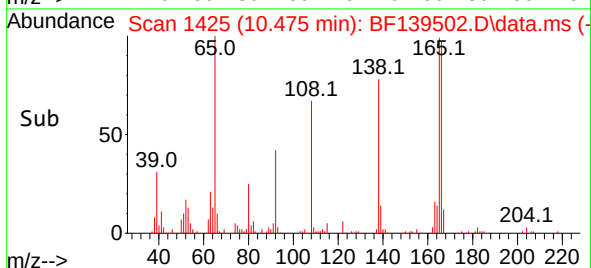
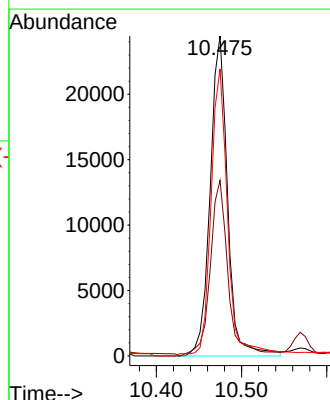
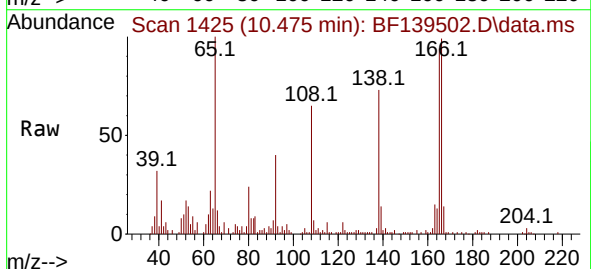
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

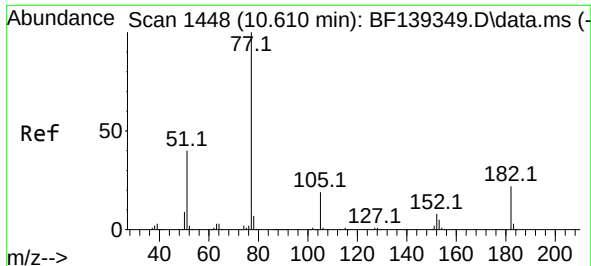
Tgt Ion:204 Resp: 84735
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 63.9 53.9 80.9



#62
4-Nitroaniline
Concen: 16.334 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:138 Resp: 34778
Ion Ratio Lower Upper
138 100
92 54.9 37.0 77.0
108 89.6 84.4 124.4

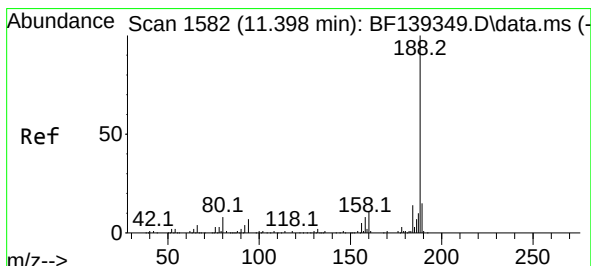
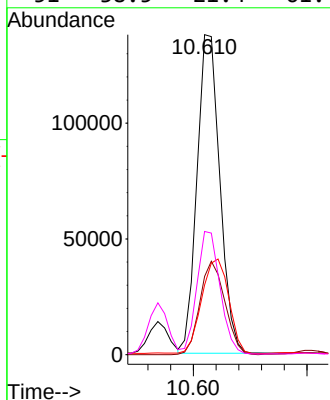
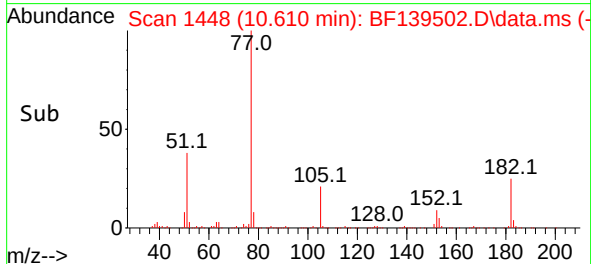
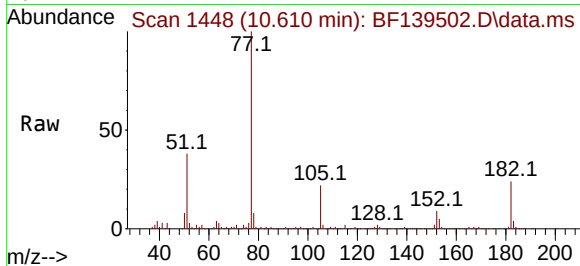




#63
Azobenzene
Concen: 21.556 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

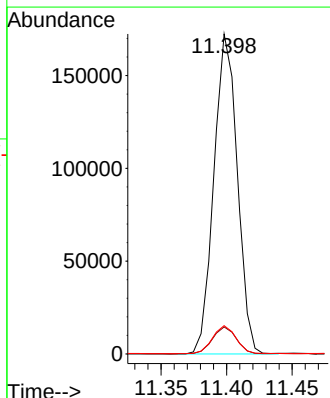
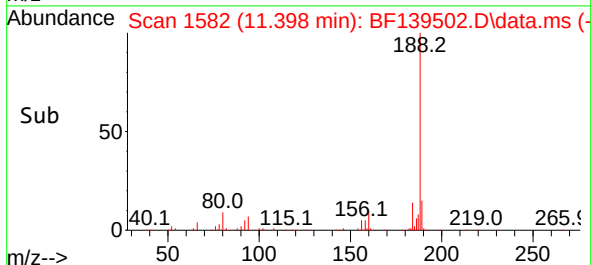
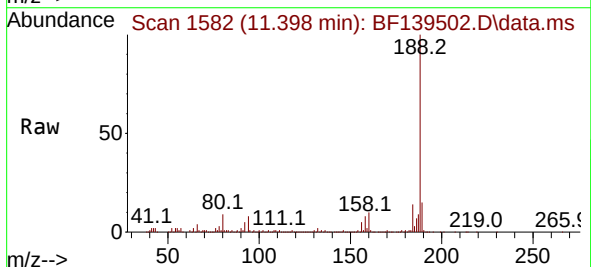
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

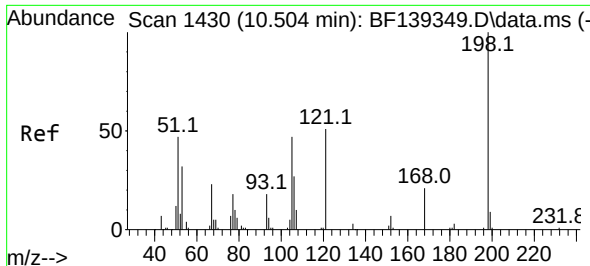
Tgt Ion:	77	Resp:	192798
Ion	Ratio	Lower	Upper
77	100		
182	24.4	1.8	41.8
105	21.8	0.0	38.6
51	38.5	21.4	61.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:	188	Resp:	214374
Ion	Ratio	Lower	Upper
188	100		
94	8.5	5.5	8.3#
80	8.8	6.6	9.8

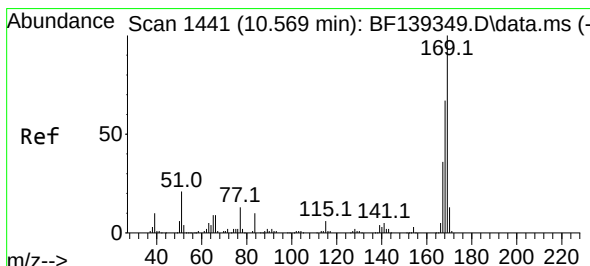
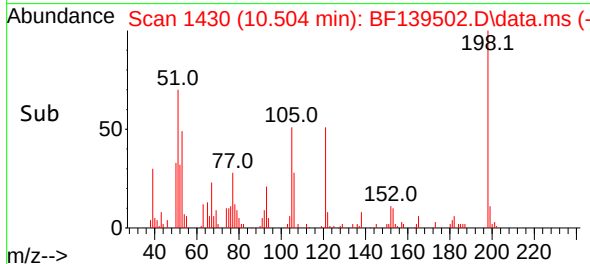
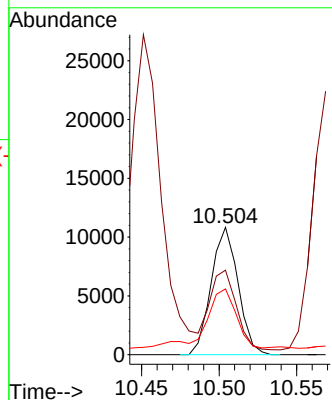
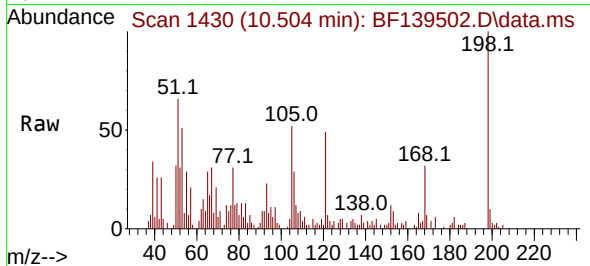




#65
4,6-Dinitro-2-methylphenol
Concen: 11.520 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

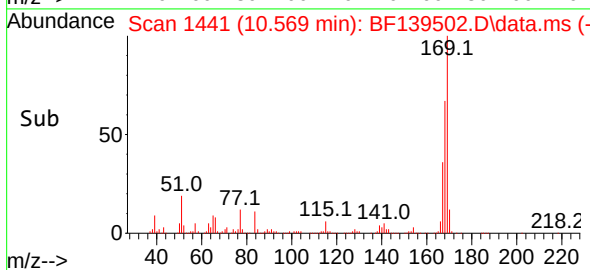
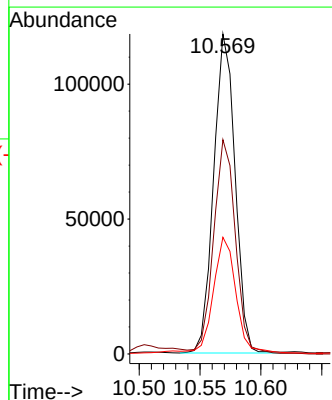
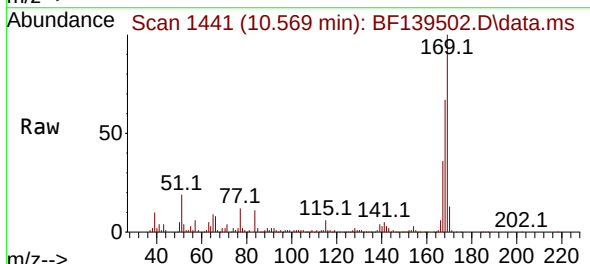
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

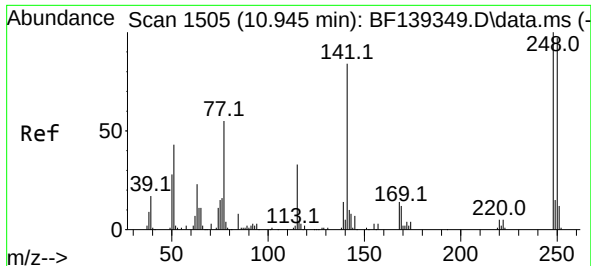
Tgt Ion:198 Resp: 13034
Ion Ratio Lower Upper
198 100
51 66.4 50.4 90.4
105 51.7 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 23.113 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:169 Resp: 144865
Ion Ratio Lower Upper
169 100
168 66.9 53.6 80.4
167 36.5 28.7 43.1

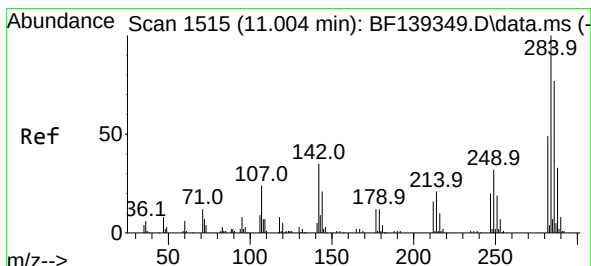
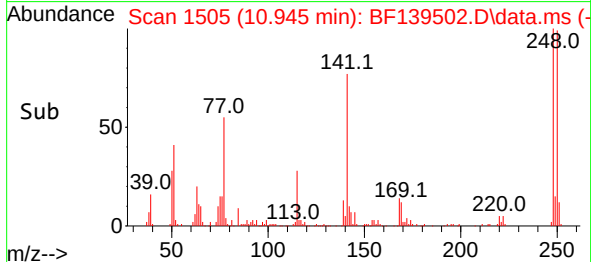
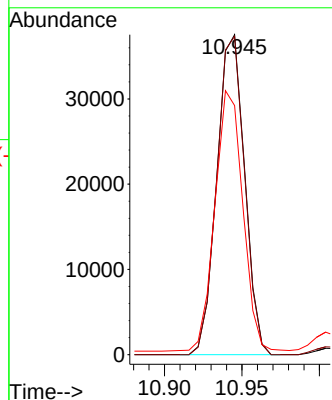
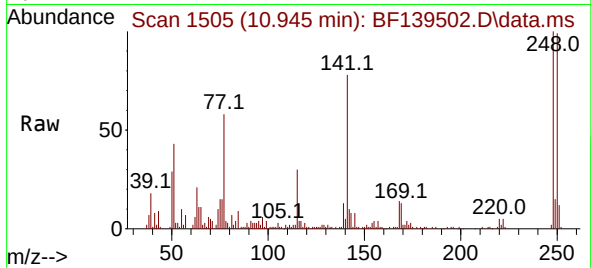




#67
4-Bromophenyl-phenylether
Concen: 22.047 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

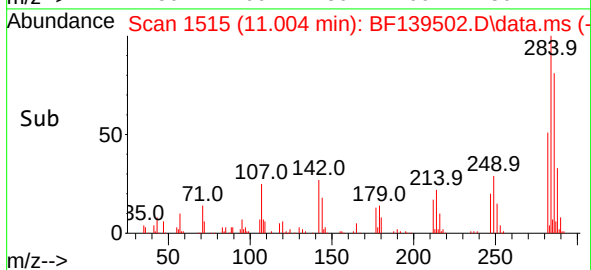
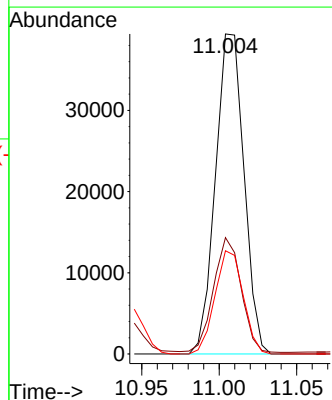
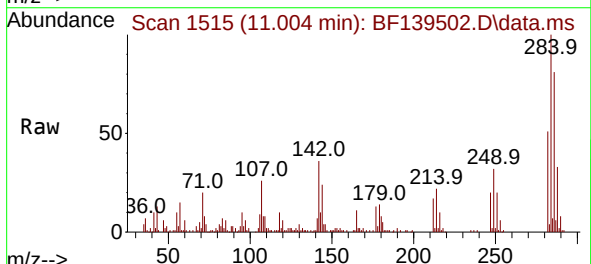
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

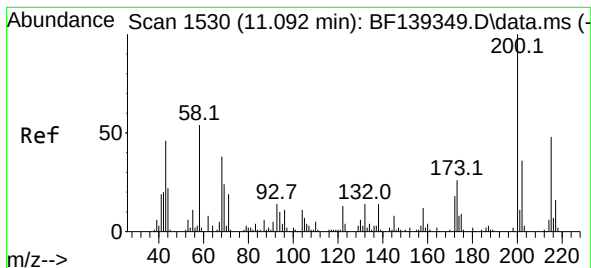
Tgt Ion:248 Resp: 46837
Ion Ratio Lower Upper
248 100
250 99.5 77.6 116.4
141 77.9 66.9 100.3



#68
Hexachlorobenzene
Concen: 20.268 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:284 Resp: 50534
Ion Ratio Lower Upper
284 100
142 36.4 28.0 42.0
249 32.2 25.3 37.9





#69

Atrazine

Concen: 27.710 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

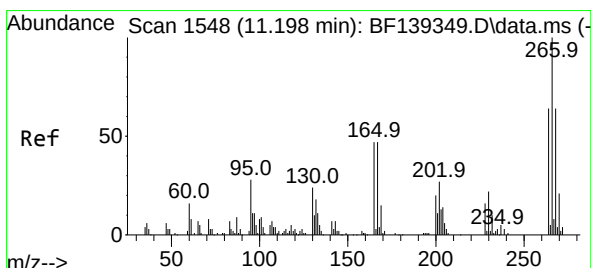
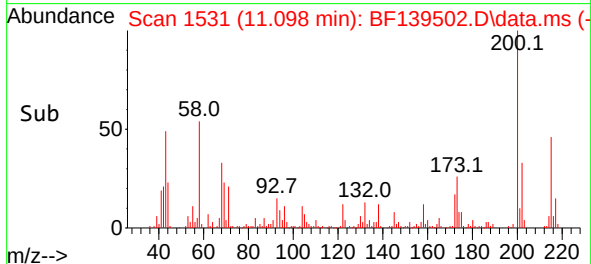
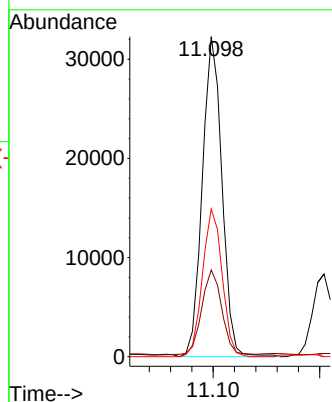
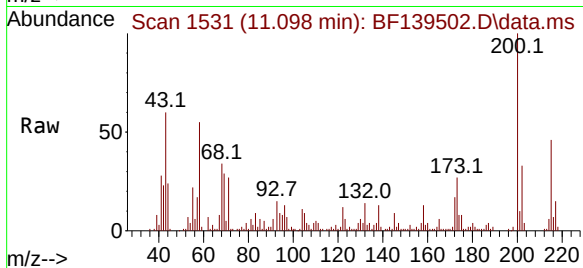
Tgt Ion:200 Resp: 41347

Ion Ratio Lower Upper

200 100

173 27.1 6.1 46.1

215 46.1 28.2 68.2



#70

Pentachlorophenol

Concen: 37.165 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

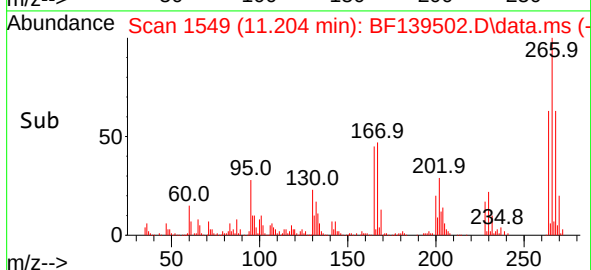
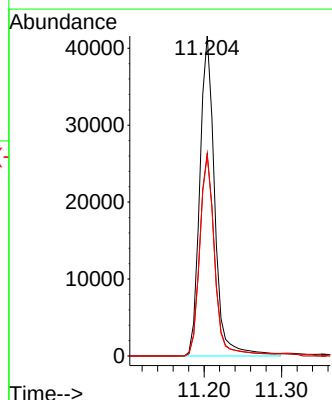
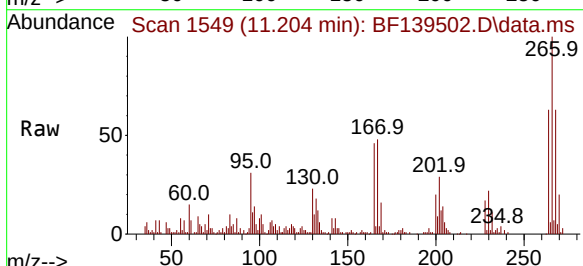
Tgt Ion:266 Resp: 55600

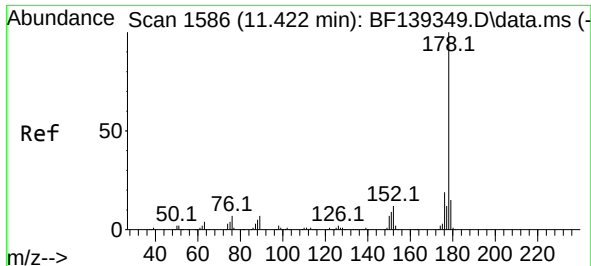
Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

264 62.6 51.4 77.0

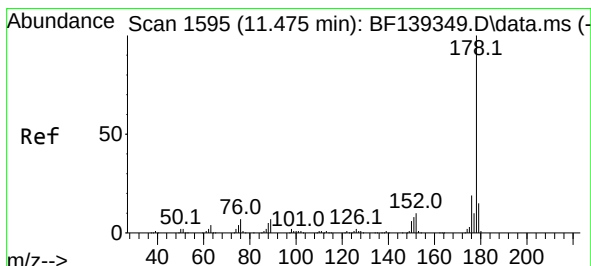
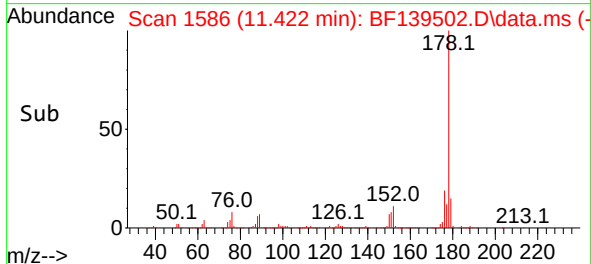
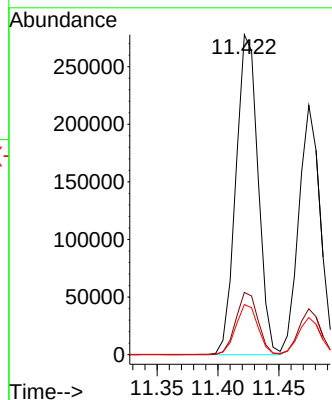
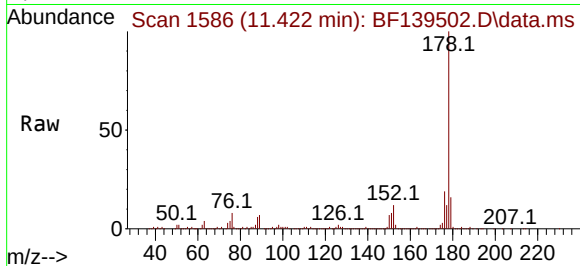




#71
Phenanthrene
Concen: 34.028 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

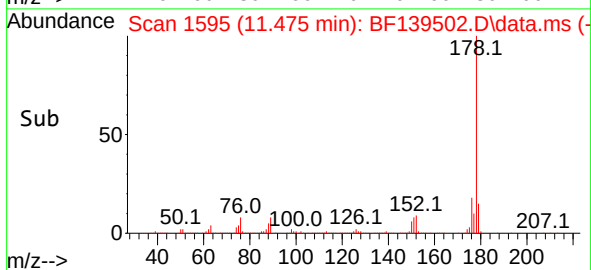
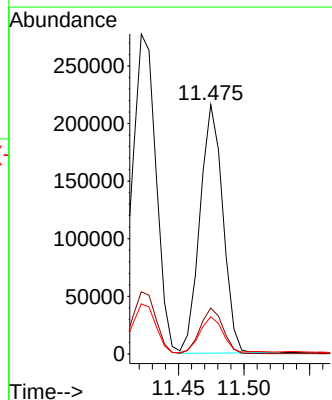
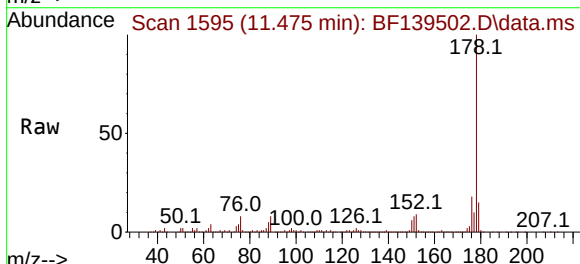
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

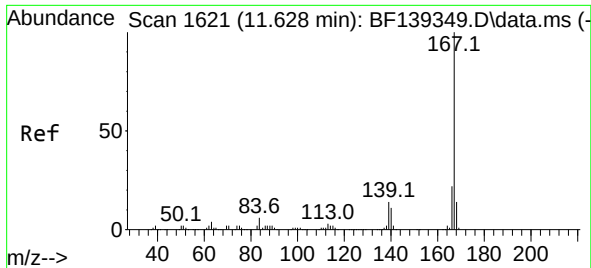
Tgt Ion:178 Resp: 351942
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.7 12.2 18.4



#72
Anthracene
Concen: 25.930 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:178 Resp: 262215
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 14.9 12.0 18.0

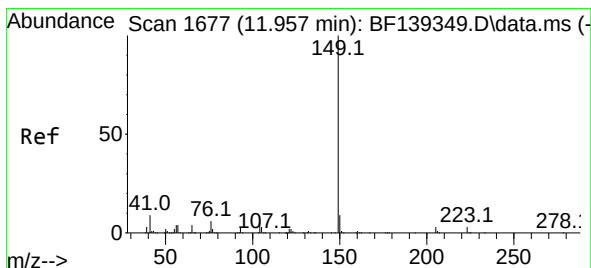
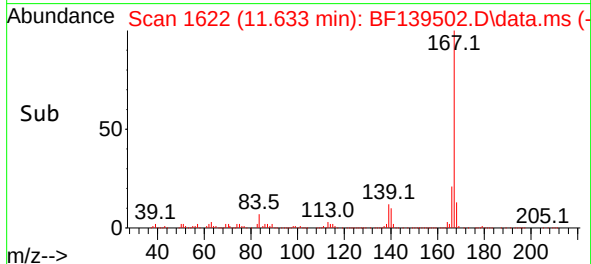
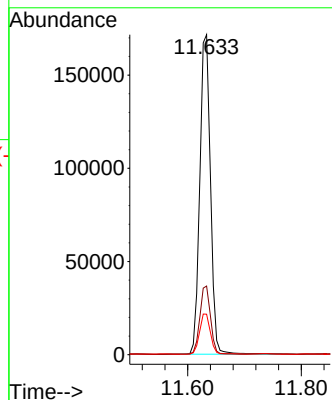
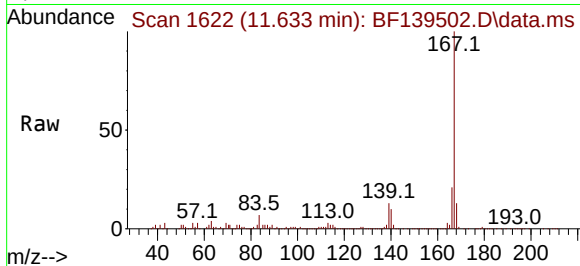




#73
 Carbazole
 Concen: 23.135 ng
 RT: 11.633 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BF139502.D
 Acq: 20 Sep 2024 15:26

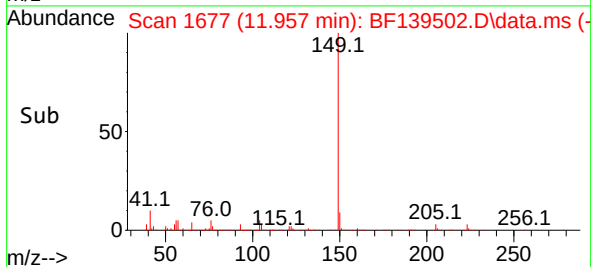
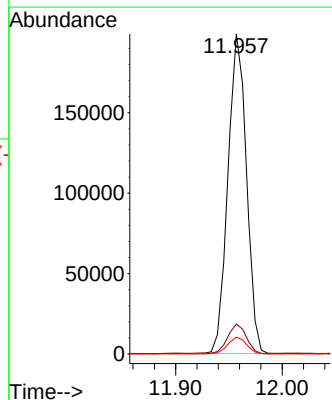
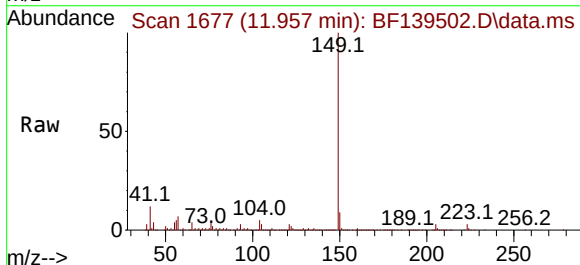
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-09192024MS

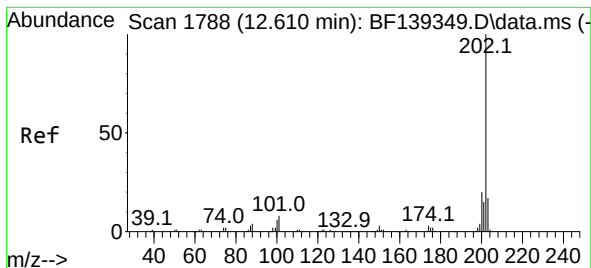
Tgt Ion:167 Resp: 223910
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 12.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 22.270 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139502.D
 Acq: 20 Sep 2024 15:26

Tgt Ion:149 Resp: 240098
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 36.778 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

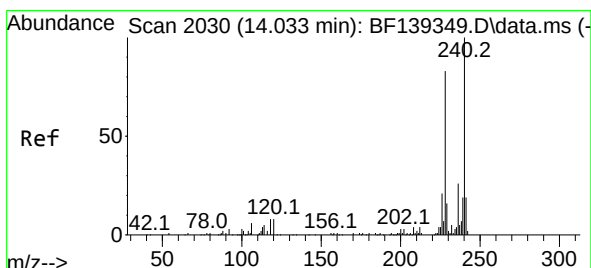
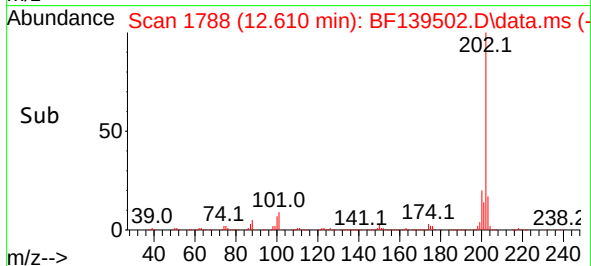
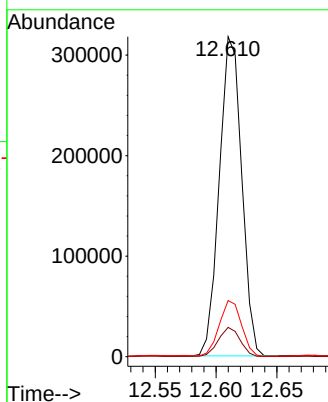
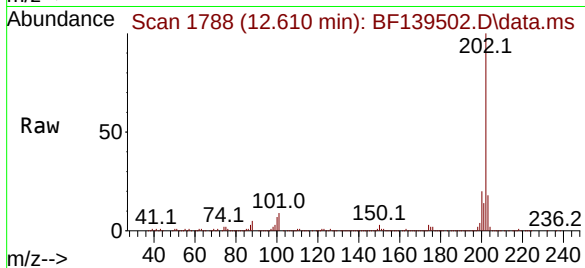
Tgt Ion:202 Resp: 406213

Ion Ratio Lower Upper

202 100

101 9.2 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: BF139502.D

Acq: 20 Sep 2024 15:26

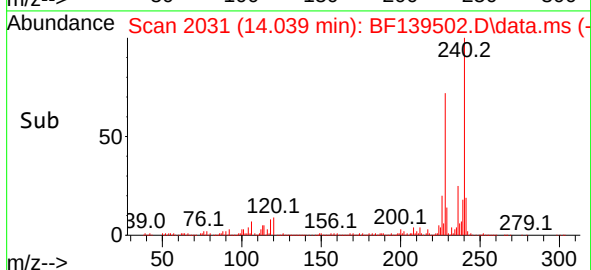
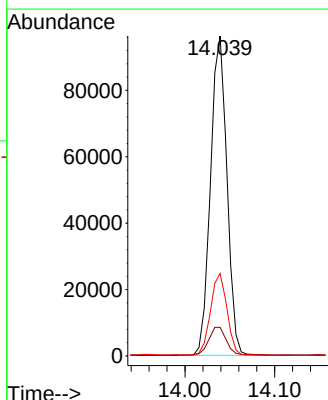
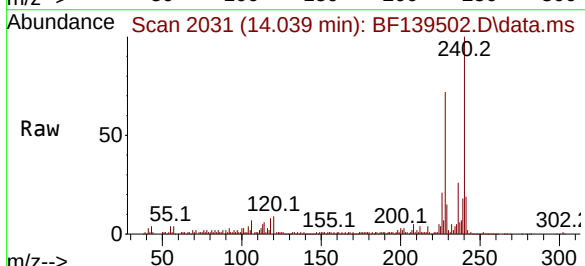
Tgt Ion:240 Resp: 122209

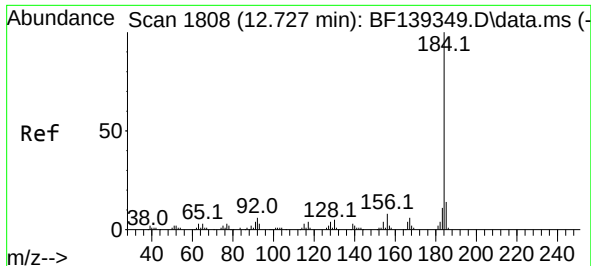
Ion Ratio Lower Upper

240 100

120 8.9 6.2 9.2

236 25.7 20.9 31.3

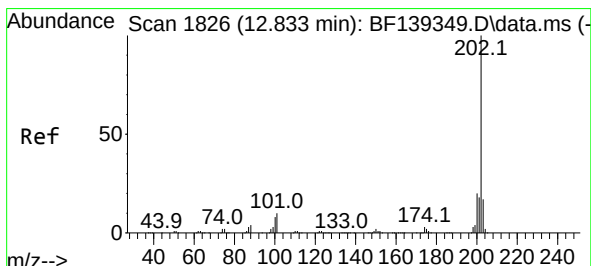
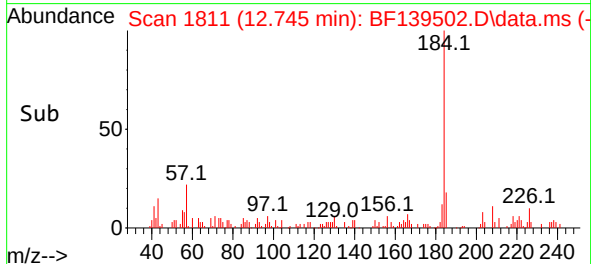
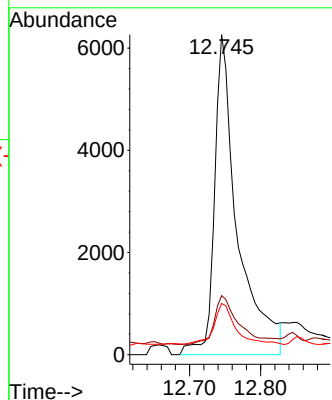
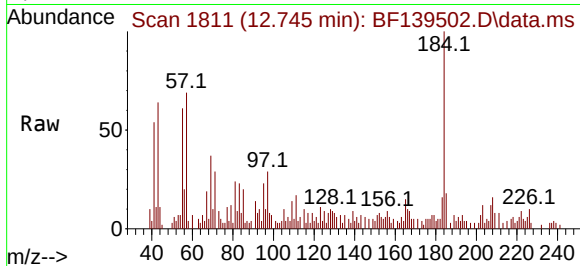




#77
Benzidine
Concen: 8.048 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.018 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

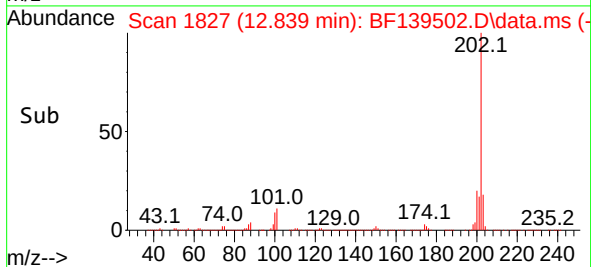
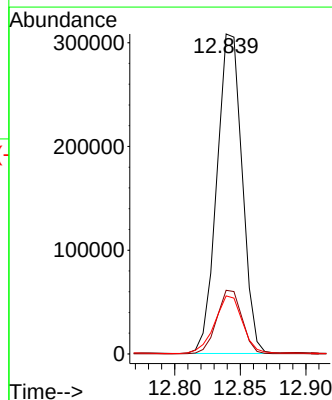
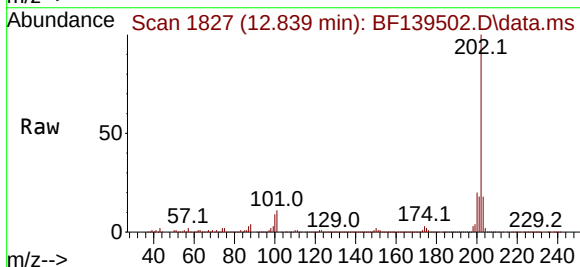
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

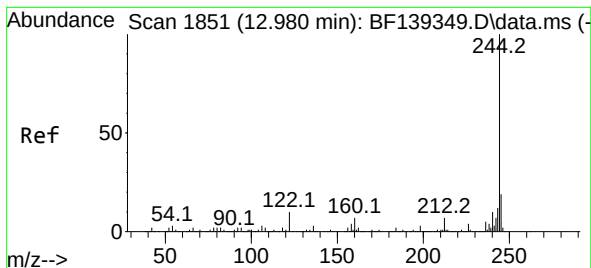
Tgt Ion:184	Resp:	14092
Ion Ratio	Lower	Upper
184	100	
185	18.5	11.5 17.3#
183	16.0	8.9 13.3#



#78
Pyrene
Concen: 39.386 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:202	Resp:	413294
Ion Ratio	Lower	Upper
202	100	
200	19.9	16.2 24.2
203	18.2	13.9 20.9





#79

Terphenyl-d14

Concen: 43.215 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

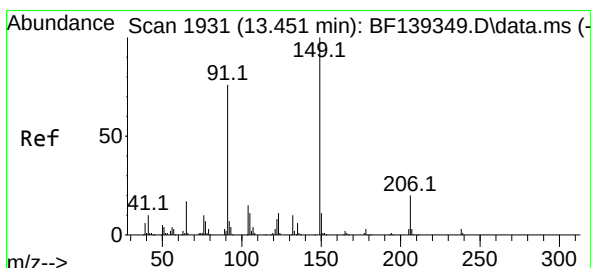
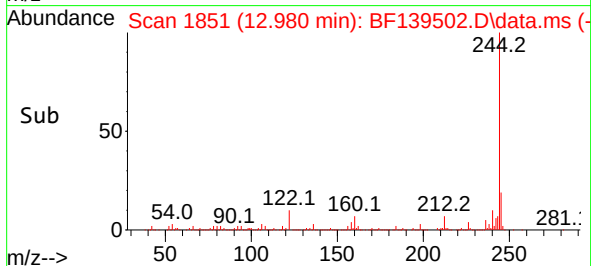
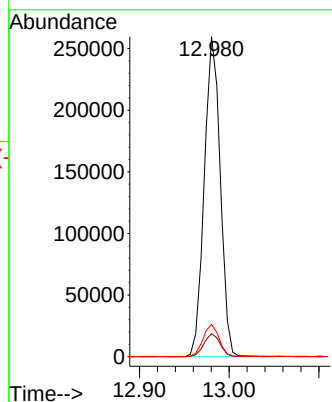
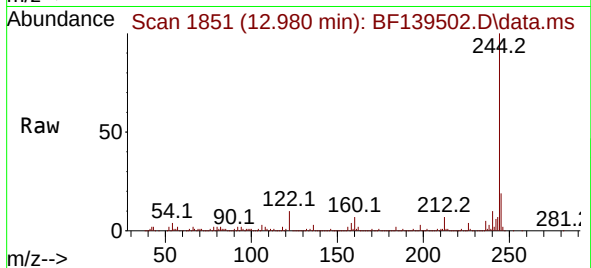
Tgt Ion:244 Resp: 321757

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.1 7.6 11.4



#80

Butylbenzylphthalate

Concen: 26.944 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

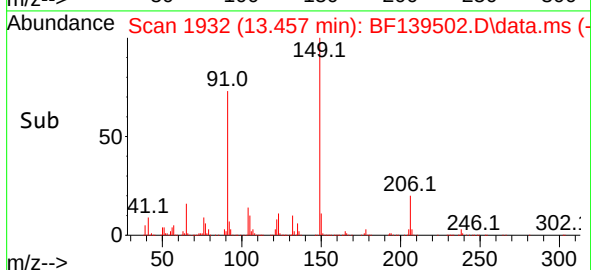
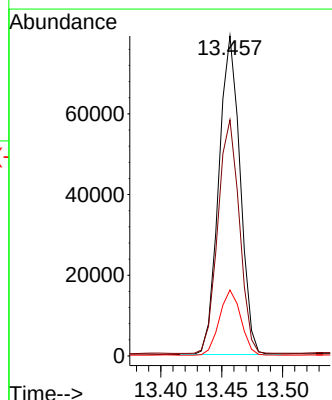
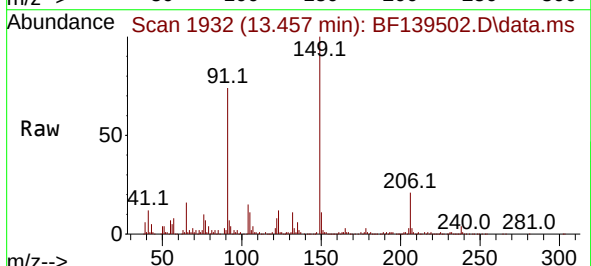
Tgt Ion:149 Resp: 96236

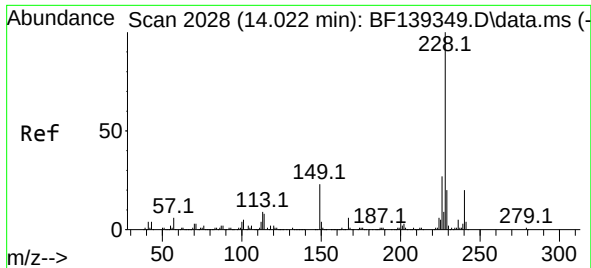
Ion Ratio Lower Upper

149 100

91 73.8 60.9 91.3

206 20.6 15.8 23.8





#81

Benzo(a)anthracene

Concen: 28.927 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

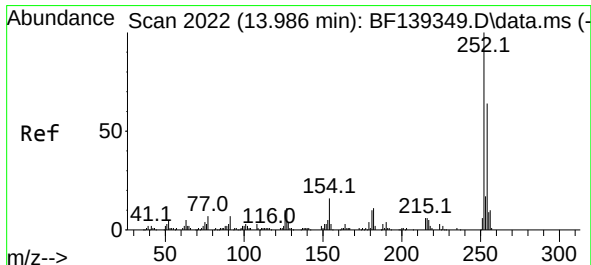
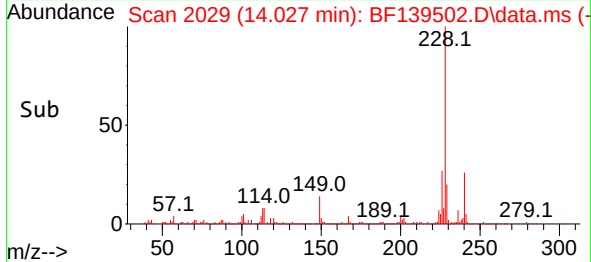
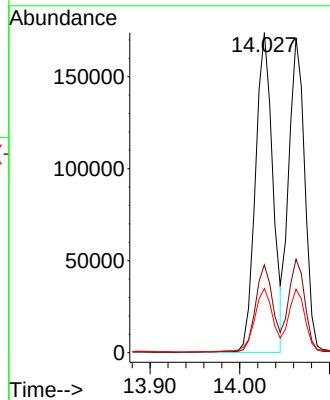
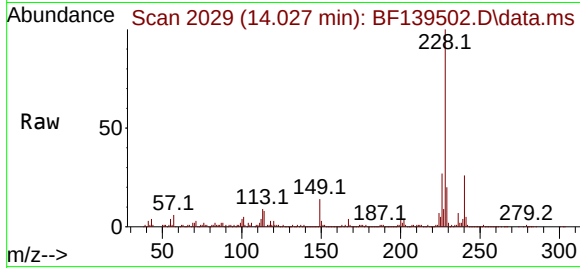
Tgt Ion:228 Resp: 234167

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

229 20.1 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 19.741 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

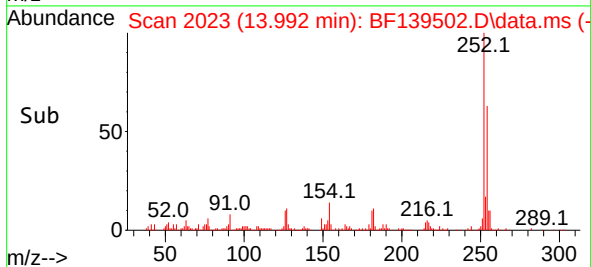
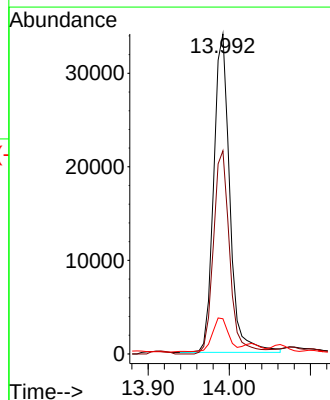
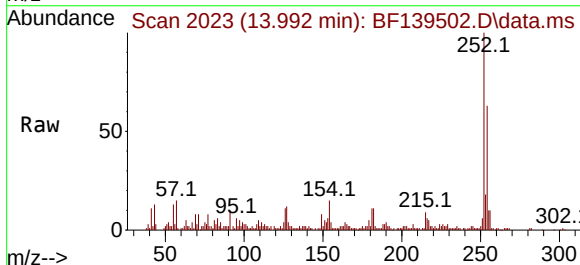
Tgt Ion:252 Resp: 46800

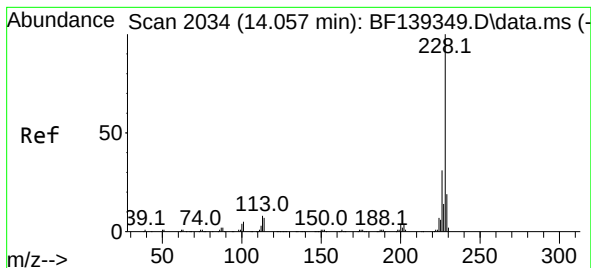
Ion Ratio Lower Upper

252 100

254 63.5 51.4 77.2

126 11.0 7.7 11.5





#83

Chrysene

Concen: 28.421 ng

RT: 14.063 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

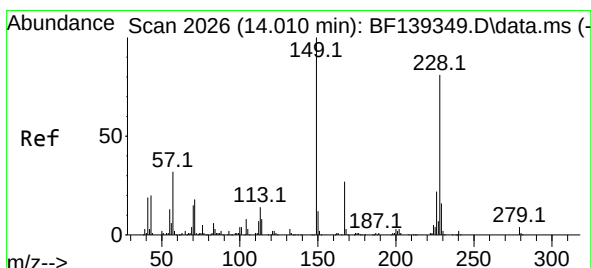
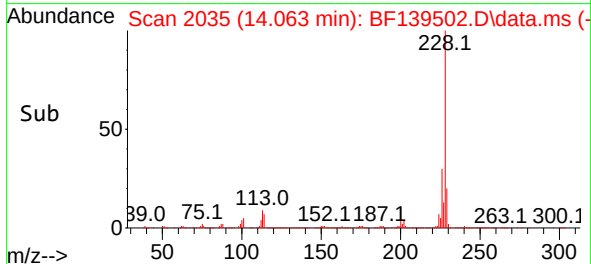
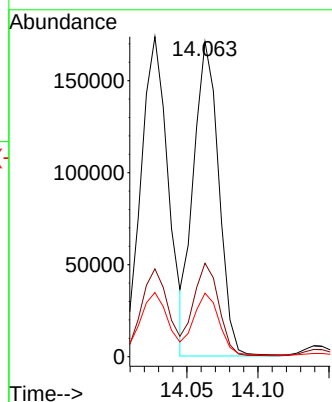
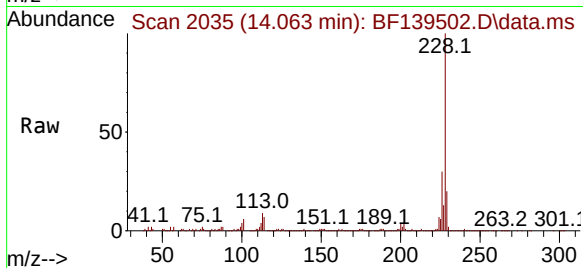
Tgt Ion:228 Resp: 211663

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 20.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.871 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

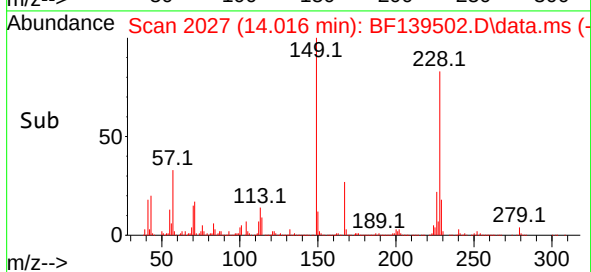
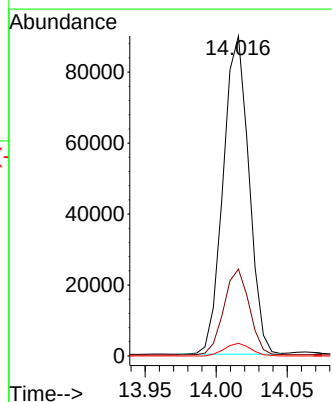
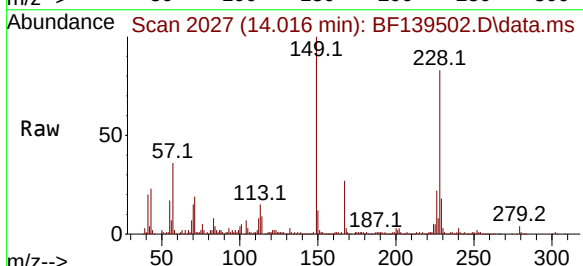
Tgt Ion:149 Resp: 113004

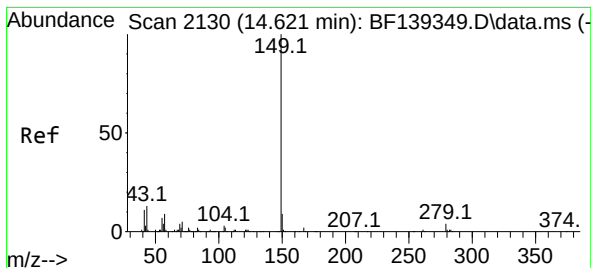
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 23.003 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

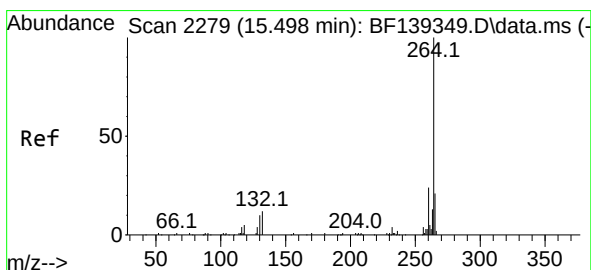
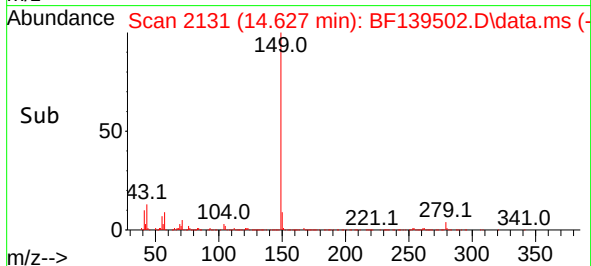
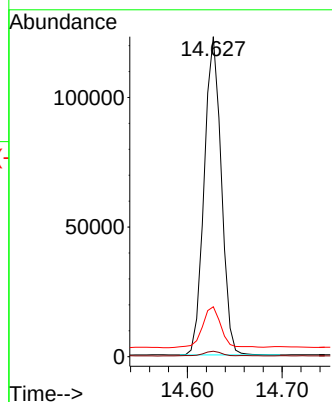
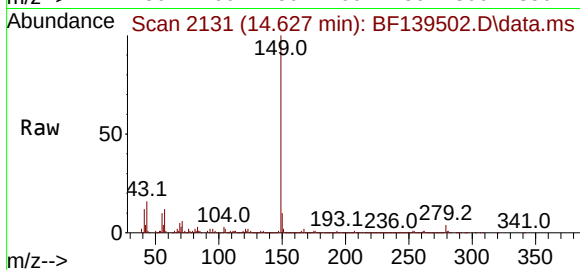
Tgt Ion:149 Resp: 153922

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 14.1 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: BF139502.D

Acq: 20 Sep 2024 15:26

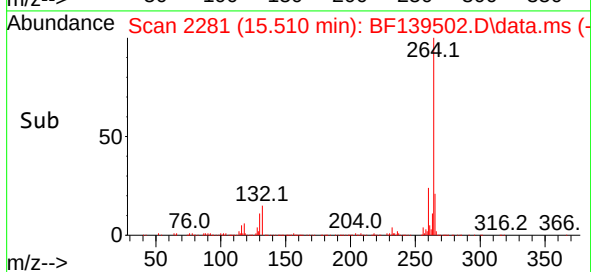
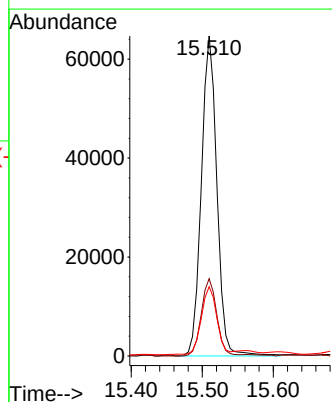
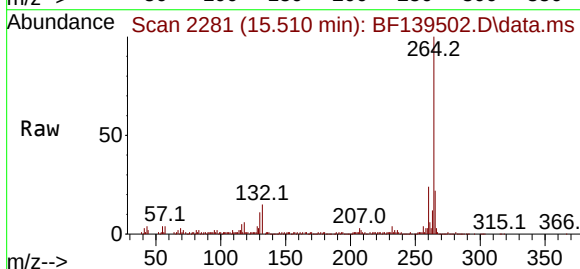
Tgt Ion:264 Resp: 98834

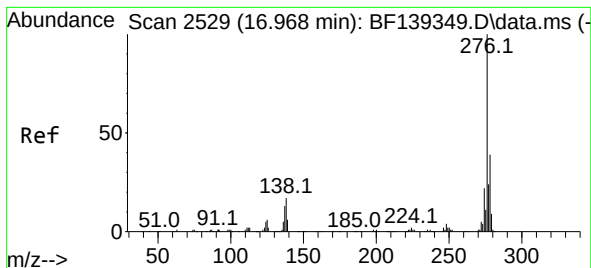
Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 23.051 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

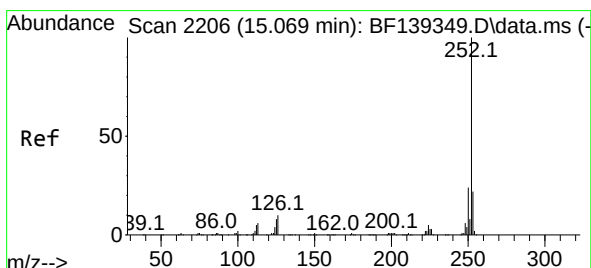
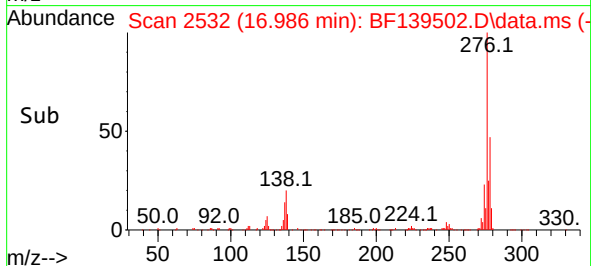
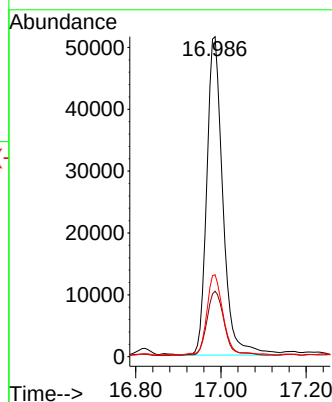
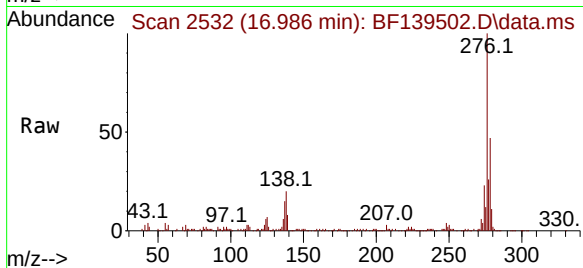
Tgt Ion:276 Resp: 135467

Ion Ratio Lower Upper

276 100

138 21.2 15.4 23.2

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 27.559 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

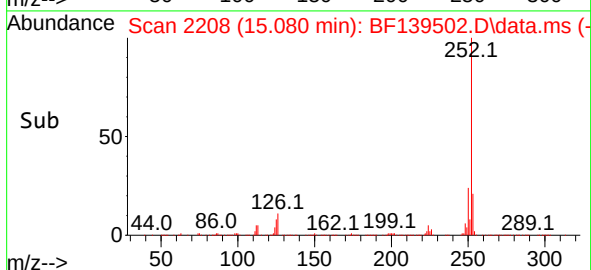
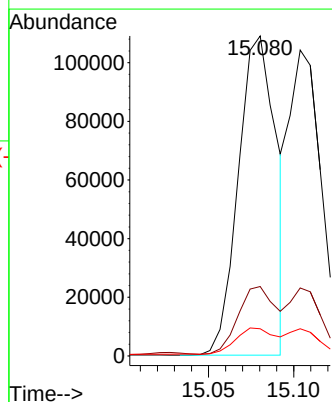
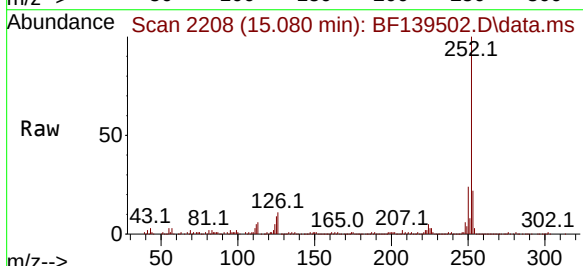
Tgt Ion:252 Resp: 167985

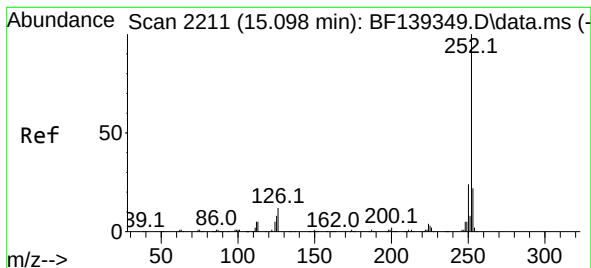
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 8.5 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 29.890 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

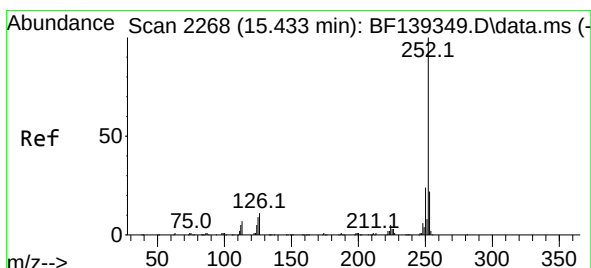
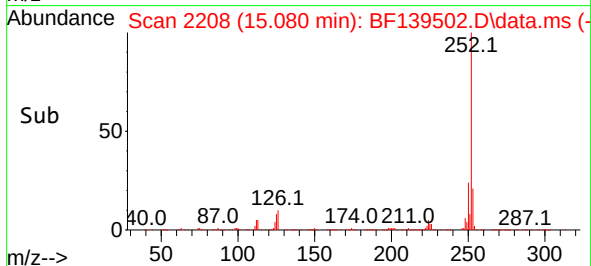
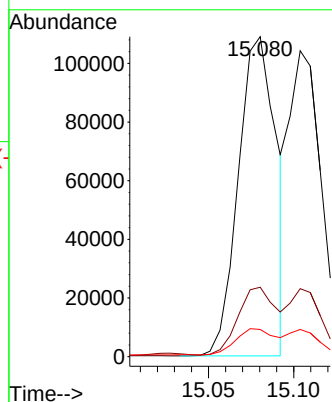
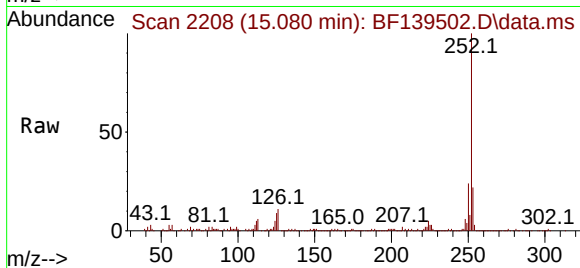
Tgt Ion:252 Resp: 167985

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 8.5 5.9 8.9



#90

Benzo(a)pyrene

Concen: 28.531 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

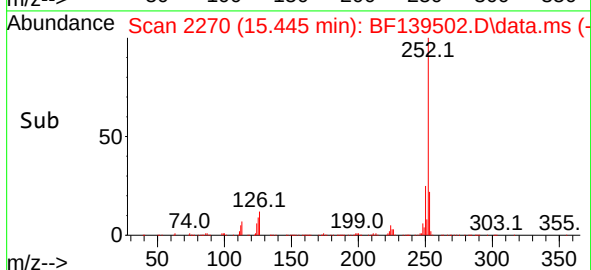
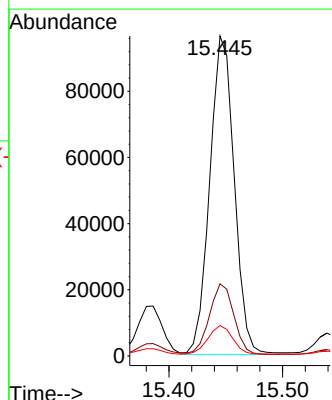
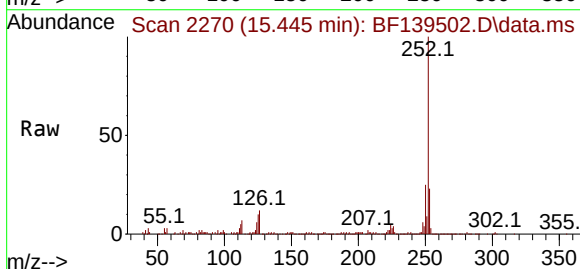
Tgt Ion:252 Resp: 144229

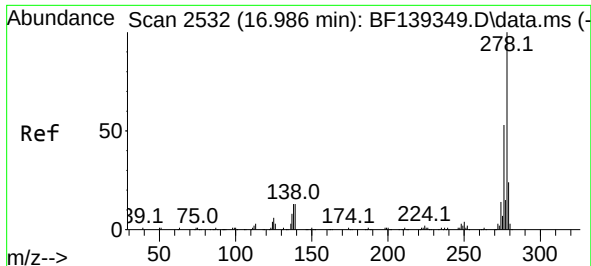
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 9.5 6.8 10.2

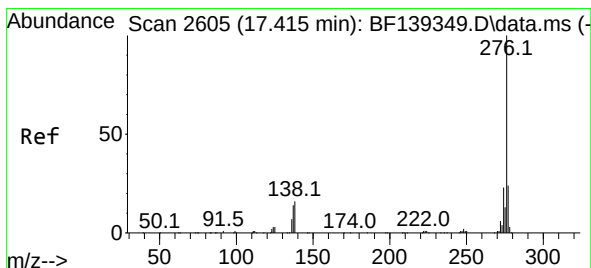
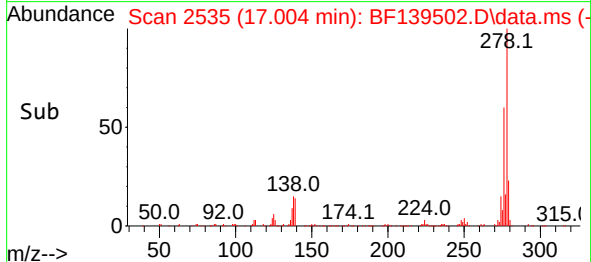
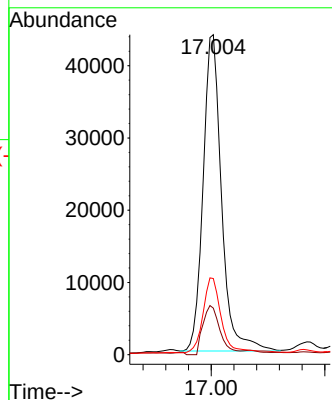
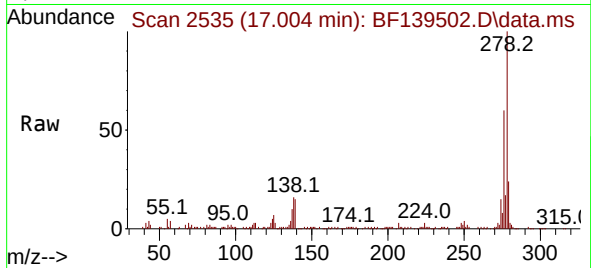




#91
Dibenzo(a,h)anthracene
Concen: 20.293 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

Tgt Ion:278 Resp: 98548
Ion Ratio Lower Upper
278 100
139 14.6 10.2 15.2
279 23.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 21.745 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:276 Resp: 104555
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 19.8 13.0 19.6#

