

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139094.D
 Acq On : 21 Aug 2024 11:22
 Operator : RC/JU
 Sample : P3663-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 914-J-SD-0-1-081624MS

Quant Time: Aug 21 11:50:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	91245	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	344368	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	193971	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	321854	20.000	ng	0.00
76) Chrysene-d12	14.057	240	150412	20.000	ng	0.00
86) Perylene-d12	15.533	264	194315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	510543	86.085	ng	0.00
7) Phenol-d6	6.522	99	677121	88.360	ng	0.00
23) Nitrobenzene-d5	7.457	82	414119	70.072	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	155557	88.586	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	599827	49.064	ng	0.00
79) Terphenyl-d14	13.004	244	426762	47.079	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	106856	42.007	ng	99
3) Pyridine	3.504	79	287021	44.403	ng	99
4) n-Nitrosodimethylamine	3.457	42	178451	45.700	ng	98
6) Aniline	6.557	93	386446	55.861	ng	100
8) 2-Chlorophenol	6.681	128	286349	50.198	ng	97
9) Benzaldehyde	6.445	77	167196	37.201	ng	98
10) Phenol	6.534	94	403056	50.549	ng	99
11) bis(2-Chloroethyl)ether	6.633	93	288515	44.994	ng	99
12) 1,3-Dichlorobenzene	6.839	146	316293	46.117	ng	100
13) 1,4-Dichlorobenzene	6.916	146	319619	46.610	ng	99
14) 1,2-Dichlorobenzene	7.069	146	305701	48.778	ng	99
15) Benzyl Alcohol	7.033	79	311944	51.504	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	451881	50.027	ng	100
17) 2-Methylphenol	7.145	107	241647	49.517	ng	98
18) Hexachloroethane	7.410	117	114815	47.748	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	244928	48.670	ng	100
20) 3+4-Methylphenols	7.298	107	310610	49.125	ng	93
22) Acetophenone	7.304	105	424923	48.326	ng	# 93
24) Nitrobenzene	7.481	77	348783	53.095	ng	99
25) Isophorone	7.716	82	638923	50.864	ng	99
26) 2-Nitrophenol	7.792	139	129445	55.517	ng	99
27) 2,4-Dimethylphenol	7.828	122	238661	59.916	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	358945	48.905	ng	99
29) 2,4-Dichlorophenol	8.033	162	249332	50.244	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	263564	45.359	ng	99
31) Naphthalene	8.204	128	831553	47.651	ng	100
32) Benzoic acid	7.945	122	161630	48.600	ng	98
33) 4-Chloroaniline	8.245	127	230729	38.606	ng	99
34) Hexachlorobutadiene	8.316	225	179734	47.351	ng	99
35) Caprolactam	8.616	113	48426	30.780	ng	95
36) 4-Chloro-3-methylphenol	8.722	107	276292	50.285	ng	98
37) 2-Methylnaphthalene	8.892	142	549969	49.134	ng	100
38) 1-Methylnaphthalene	8.992	142	509024	47.119	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	270965	51.550	ng	97
41) Hexachlorocyclopentadiene	9.045	237	364123	178.405	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	192811	53.802	ng	99

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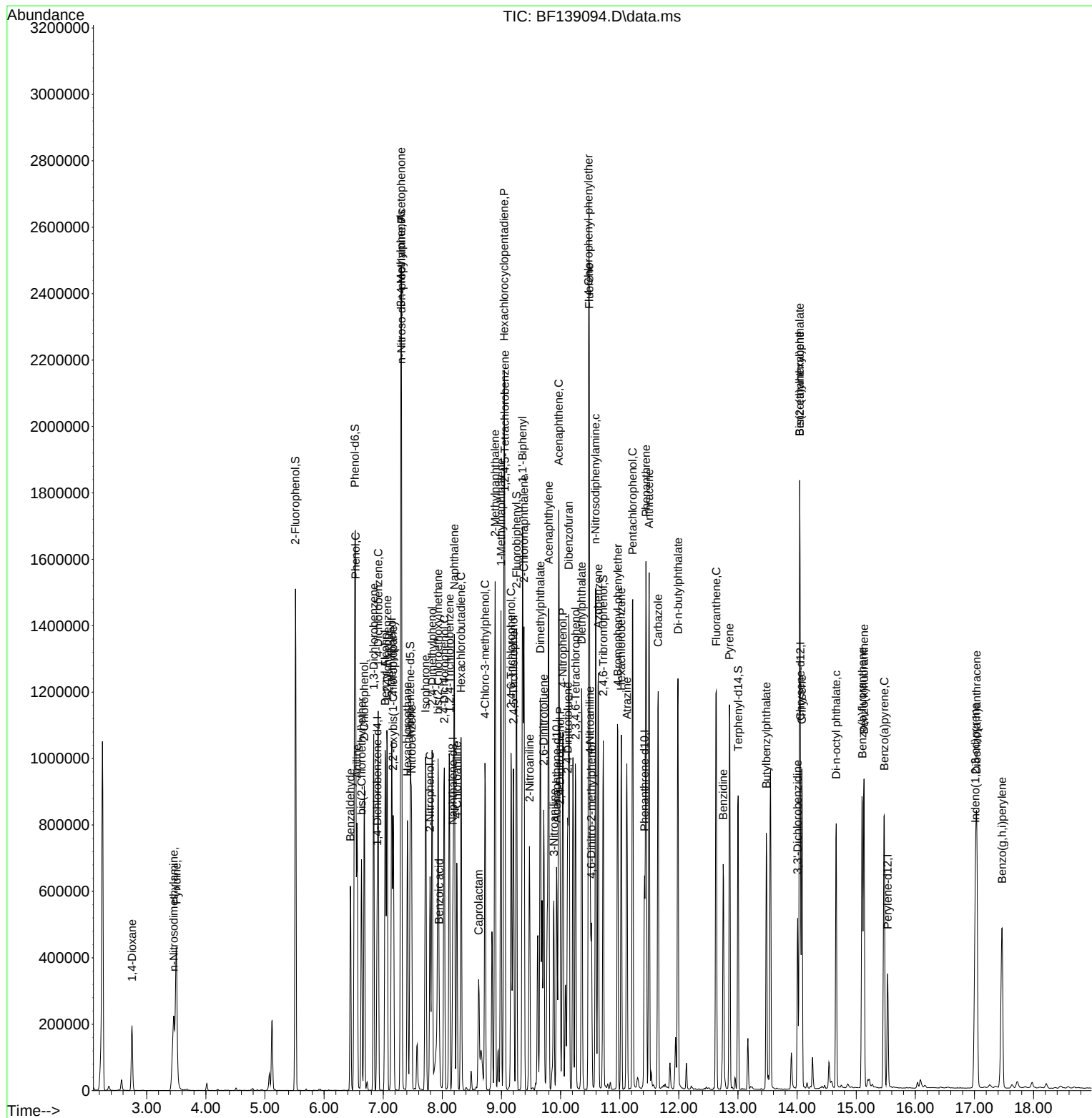
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	181857	49.438	ng	99
46) 1,1'-Biphenyl	9.357	154	680643	51.225	ng	99
47) 2-Chloronaphthalene	9.380	162	531886	49.265	ng	100
48) 2-Nitroaniline	9.475	65	176140	55.871	ng	99
49) Acenaphthylene	9.798	152	830700	53.711	ng	100
50) Dimethylphthalate	9.657	163	641240	53.548	ng	100
51) 2,6-Dinitrotoluene	9.716	165	130844	53.865	ng	97
52) Acenaphthene	9.969	154	578384	56.614	ng	99
53) 3-Nitroaniline	9.886	138	100612	41.972	ng #	98
54) 2,4-Dinitrophenol	9.992	184	115287	97.235	ng #	50
55) Dibenzofuran	10.139	168	757882	51.074	ng	99
56) 4-Nitrophenol	10.039	139	200254	110.631	ng	99
57) 2,4-Dinitrotoluene	10.122	165	168138	54.931	ng	96
58) Fluorene	10.486	166	585052	49.335	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	163881	55.487	ng	99
60) Diethylphthalate	10.357	149	610120	51.421	ng	99
61) 4-Chlorophenyl-phenyle...	10.474	204	296965	50.140	ng	99
62) 4-Nitroaniline	10.498	138	123012	49.889	ng	98
63) Azobenzene	10.639	77	675159	51.204	ng	99
65) 4,6-Dinitro-2-methylph...	10.521	198	76116	60.322	ng	99
66) n-Nitrosodiphenylamine	10.592	169	514960	54.073	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	184214	54.014	ng	98
68) Hexachlorobenzene	11.027	284	189045	51.668	ng	100
69) Atrazine	11.121	200	165867	57.028	ng	99
70) Pentachlorophenol	11.221	266	229182	98.058	ng	98
71) Phenanthrene	11.445	178	815000	49.819	ng	100
72) Anthracene	11.498	178	826733	51.675	ng	100
73) Carbazole	11.651	167	659819	44.166	ng	100
74) Di-n-butylphthalate	11.986	149	828397	47.822	ng	100
75) Fluoranthene	12.633	202	697893	39.969	ng	99
77) Benzidine	12.751	184	344691	110.942	ng	100
78) Pyrene	12.857	202	670817	53.442	ng	100
80) Butylbenzylphthalate	13.480	149	231692	53.354	ng	97
81) Benzo(a)anthracene	14.045	228	494228	49.985	ng	99
82) 3,3'-Dichlorobenzidine	14.009	252	141325	51.135	ng	99
83) Chrysene	14.080	228	473045	52.783	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	286423	49.752	ng	99
85) Di-n-octyl phthalate	14.662	149	505579	62.571	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	635841	55.911	ng	99
88) Benzo(b)fluoranthene	15.104	252	564433	44.556	ng	99
89) Benzo(k)fluoranthene	15.133	252	506016	47.959	ng	99
90) Benzo(a)pyrene	15.474	252	528916	52.839	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	525212	56.260	ng	99
92) Benzo(g,h,i)perylene	17.468	276	457380	43.181	ng	98

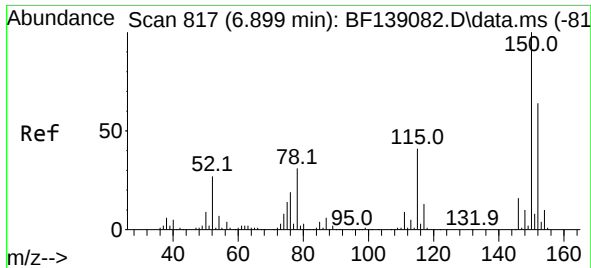
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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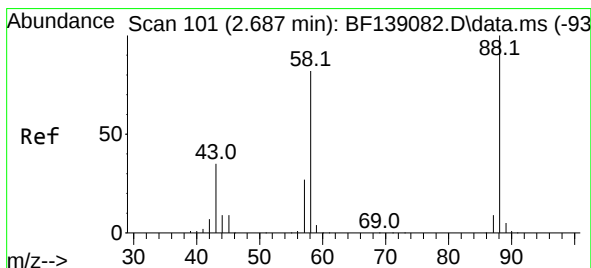
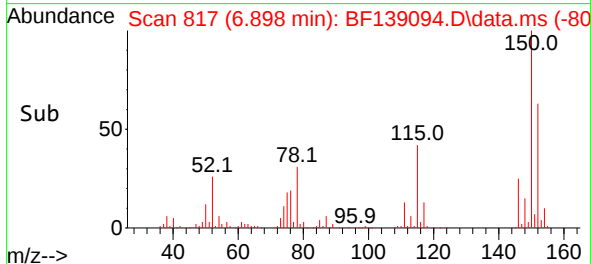
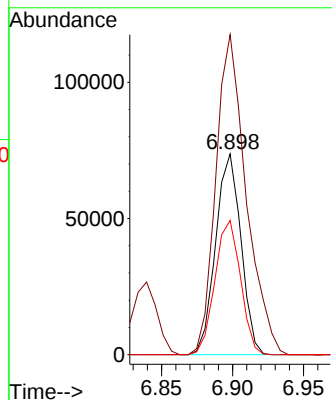
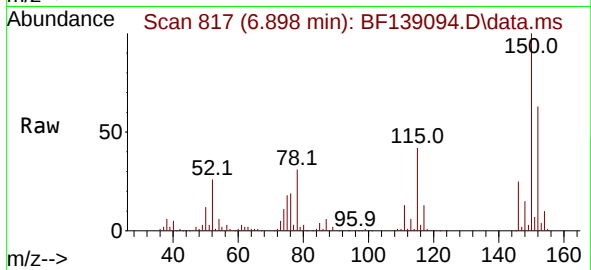




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139094.D
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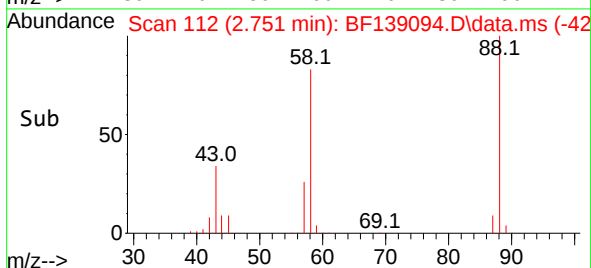
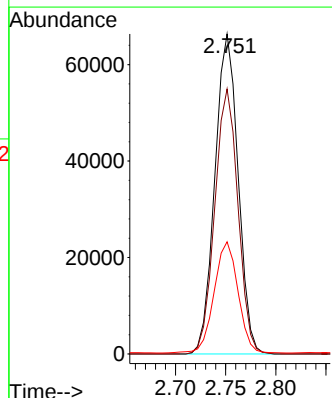
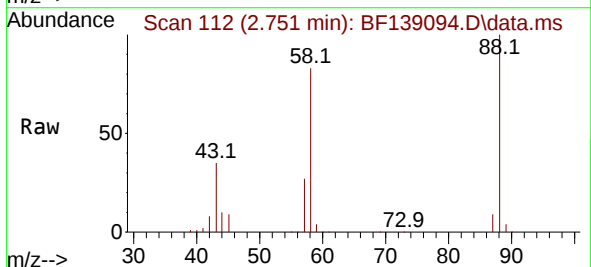
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BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

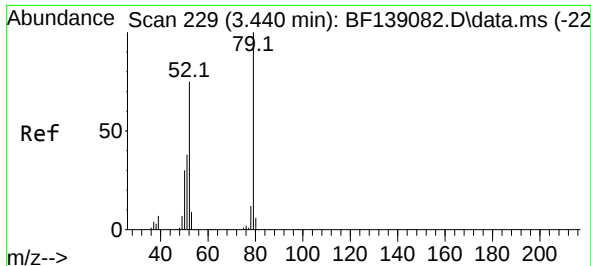
Tgt Ion:152 Resp: 91245
Ion Ratio Lower Upper
152 100
150 159.4 125.1 187.7
115 66.9 51.8 77.6



#2
1,4-Dioxane
Concen: 42.007 ng
RT: 2.751 min Scan# 112
Delta R.T. 0.064 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion: 88 Resp: 106856
Ion Ratio Lower Upper
88 100
58 82.8 65.4 98.0
43 35.8 27.9 41.9





#3

Pyridine

Concen: 44.403 ng

RT: 3.504 min Scan# 24

Delta R.T. 0.064 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

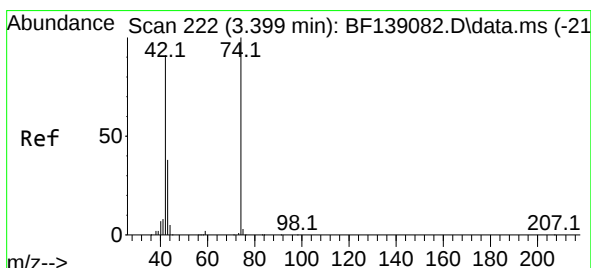
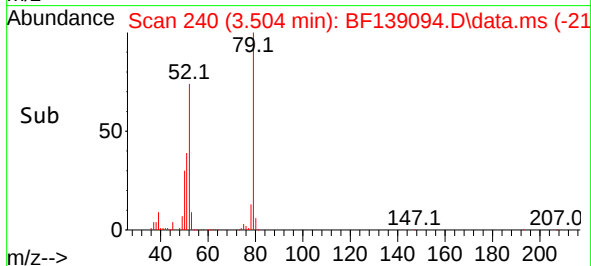
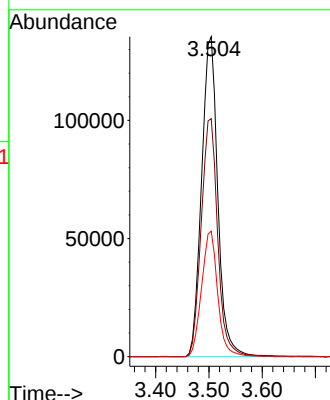
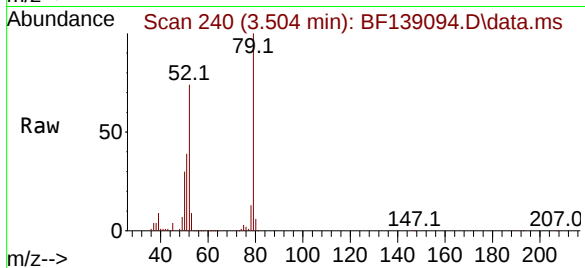
Tgt Ion: 79 Resp: 287021

Ion Ratio Lower Upper

79 100

52 74.4 59.7 89.5

51 39.2 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 45.700 ng

RT: 3.457 min Scan# 232

Delta R.T. 0.058 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

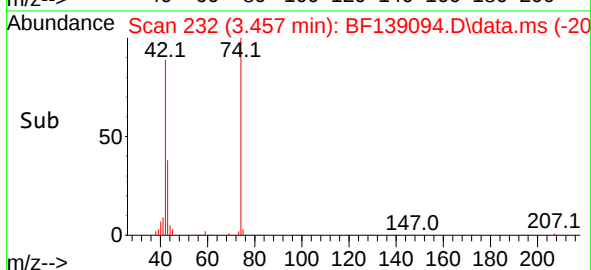
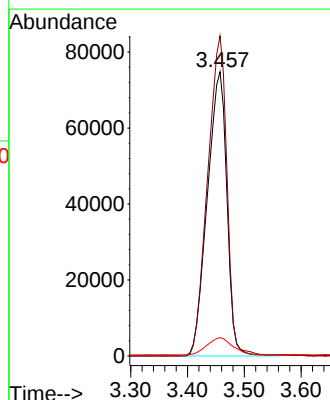
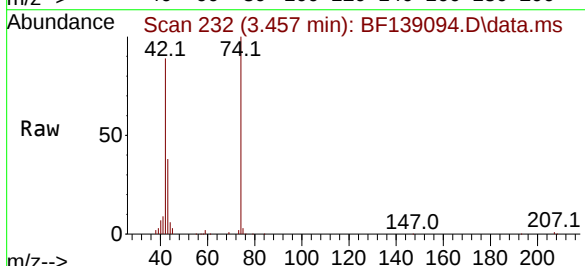
Tgt Ion: 42 Resp: 178451

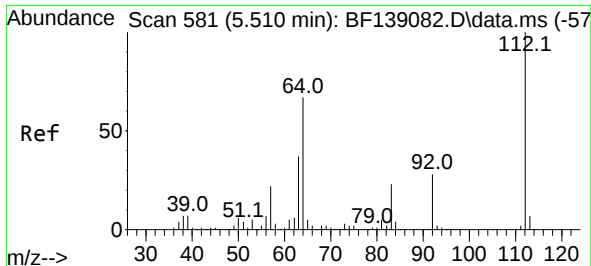
Ion Ratio Lower Upper

42 100

74 112.6 88.2 132.2

44 6.4 5.4 8.0

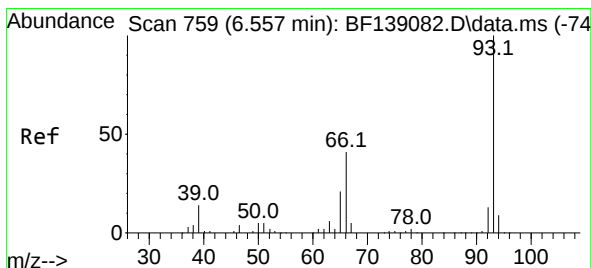
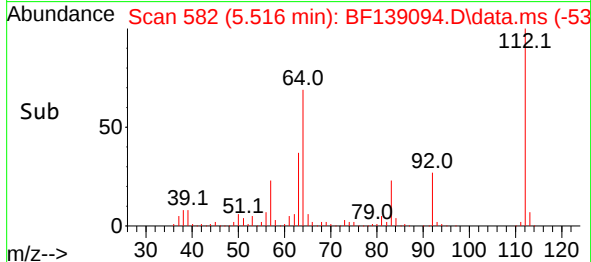
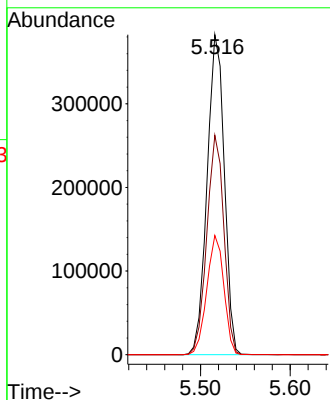
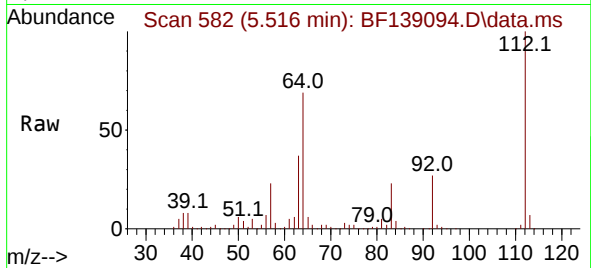




#5
2-Fluorophenol
Concen: 86.085 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.006 min
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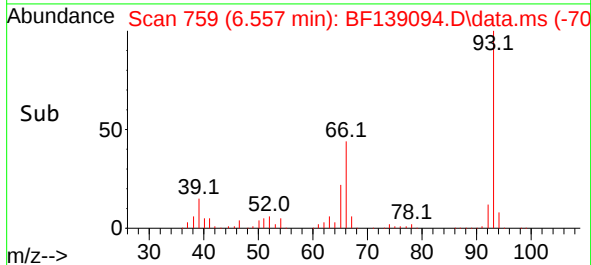
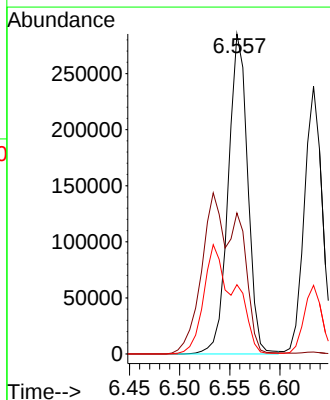
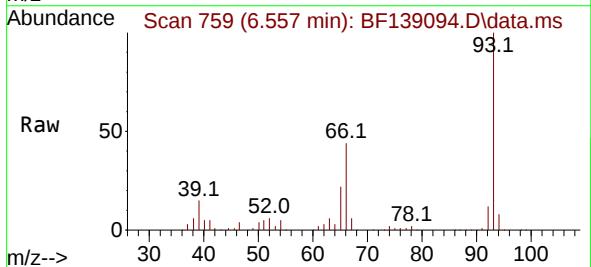
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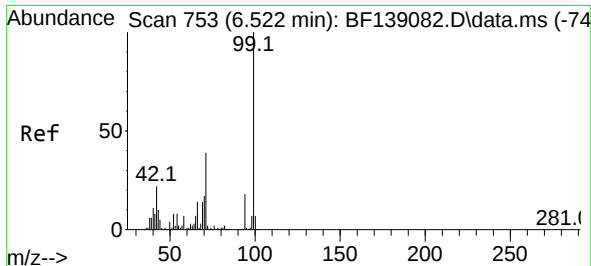
Tgt Ion:112 Resp: 510543
Ion Ratio Lower Upper
112 100
64 68.5 53.8 80.6
63 37.2 29.4 44.2



#6
Aniline
Concen: 55.861 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion: 93 Resp: 386446
Ion Ratio Lower Upper
93 100
66 44.0 35.1 52.7
65 21.7 17.4 26.2

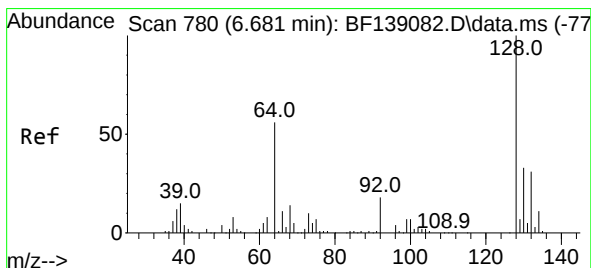
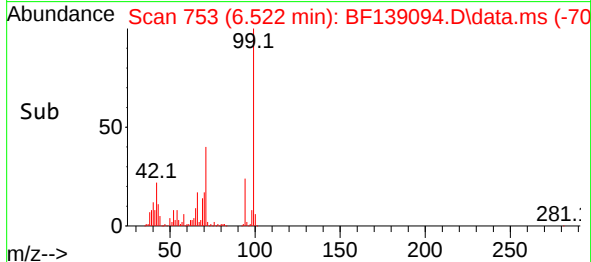
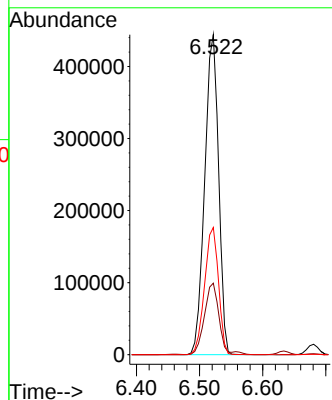
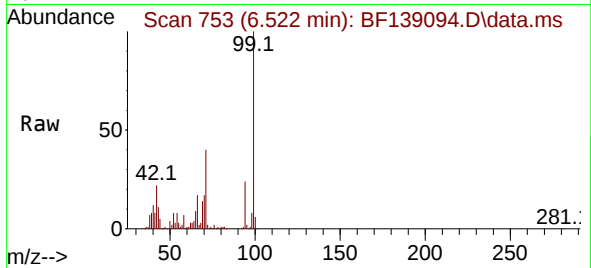




#7
Phenol-d6
Concen: 88.360 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139094.D
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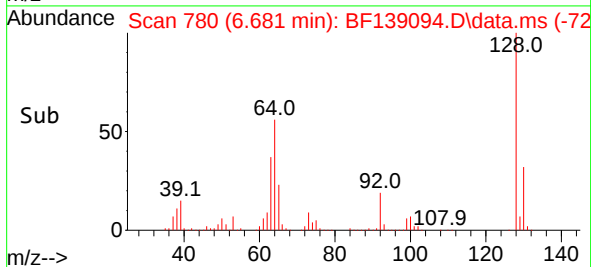
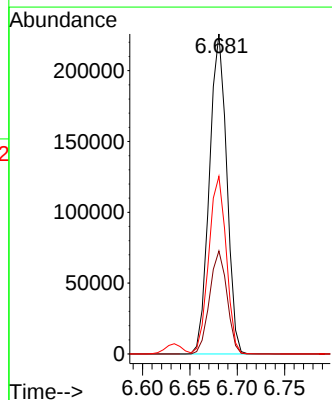
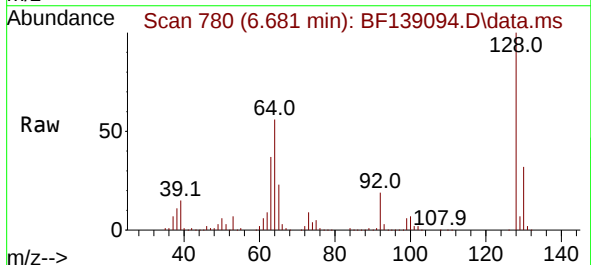
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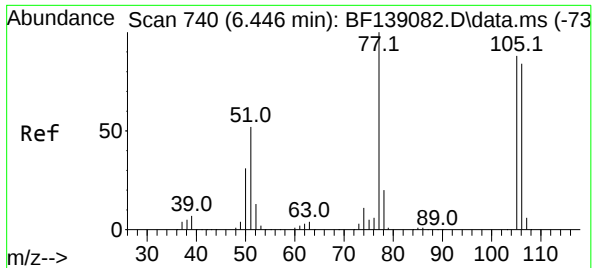
Tgt Ion: 99 Resp: 677121
Ion Ratio Lower Upper
99 100
42 22.3 17.4 26.2
71 39.8 31.2 46.8



#8
2-Chlorophenol
Concen: 50.198 ng
RT: 6.681 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:128 Resp: 286349
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 55.5 39.1 79.1

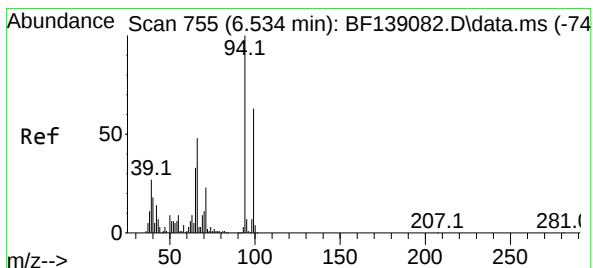
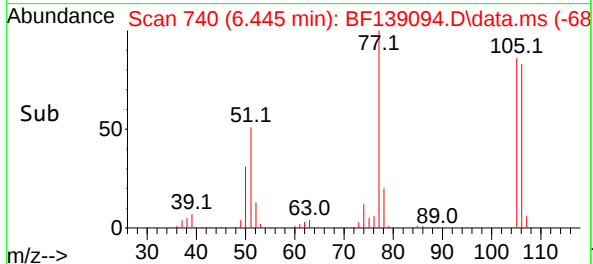
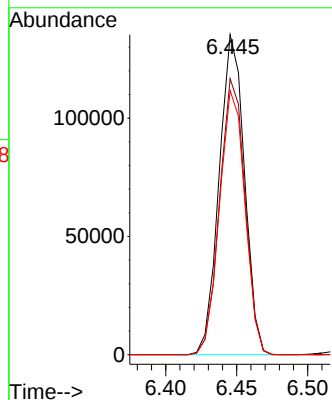
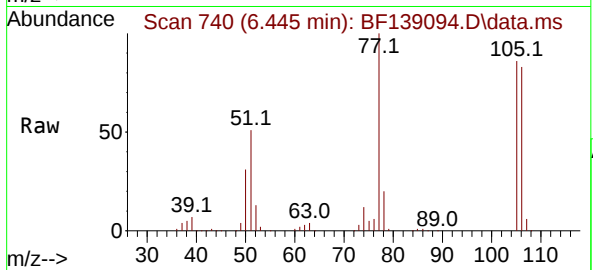




#9
Benzaldehyde
Concen: 37.201 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.001 min
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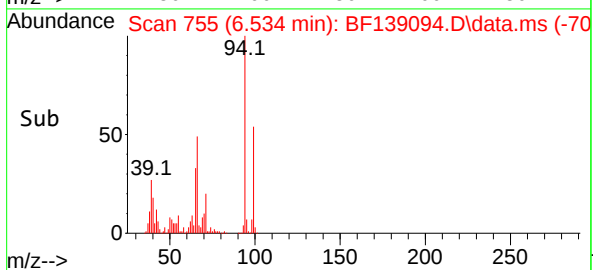
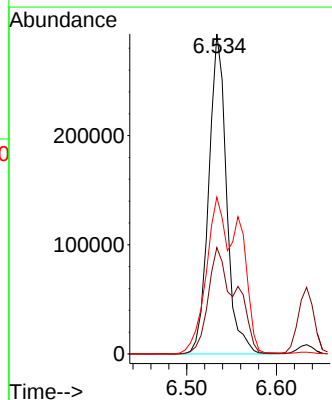
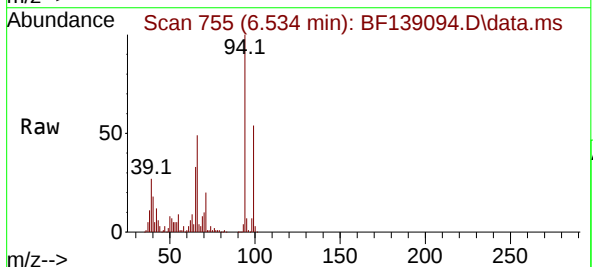
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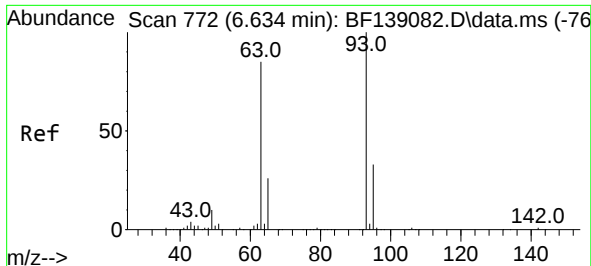
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Ion Ratio Lower Upper
77 100
105 86.3 68.2 108.2
106 82.6 63.8 103.8



#10
Phenol
Concen: 50.549 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion: 94 Resp: 403056
Ion Ratio Lower Upper
94 100
65 33.2 13.5 53.5
66 49.0 28.5 68.5

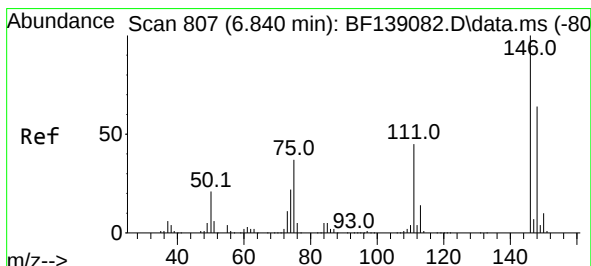
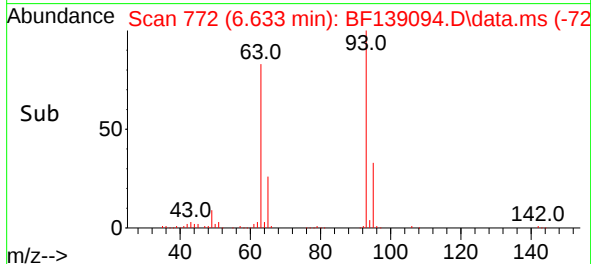
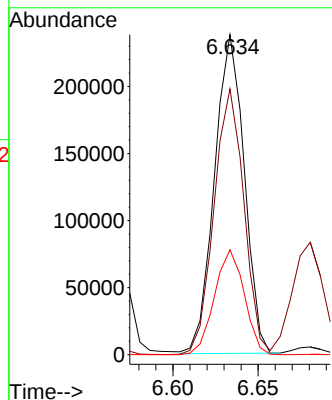
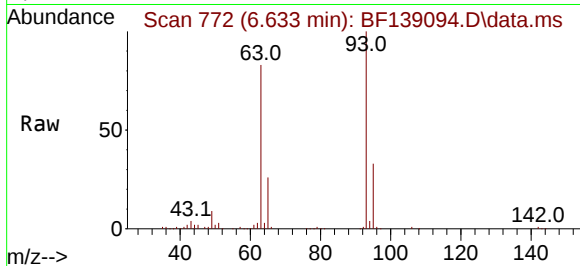




#11
bis(2-Chloroethyl)ether
Concen: 44.994 ng
RT: 6.633 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

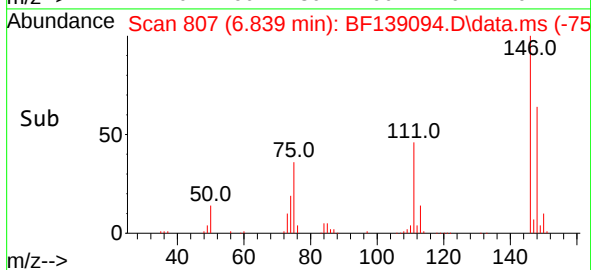
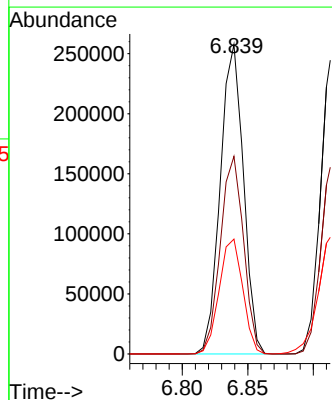
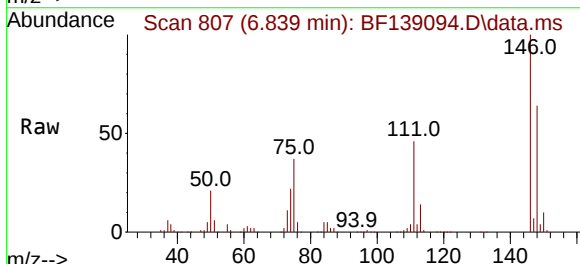
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

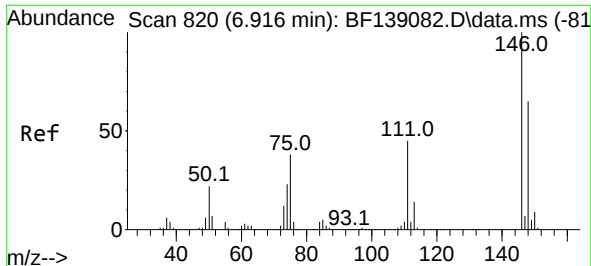
Tgt Ion: 93 Resp: 288515
Ion Ratio Lower Upper
93 100
63 83.0 62.7 102.7
95 32.8 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 46.117 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:146 Resp: 316293
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 37.1 29.9 44.9

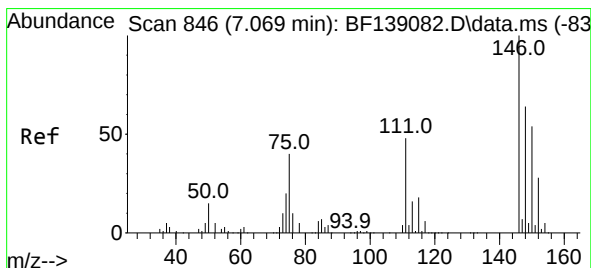
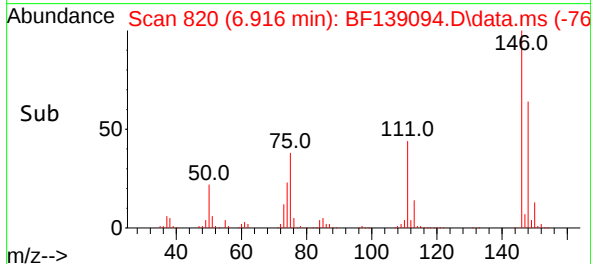
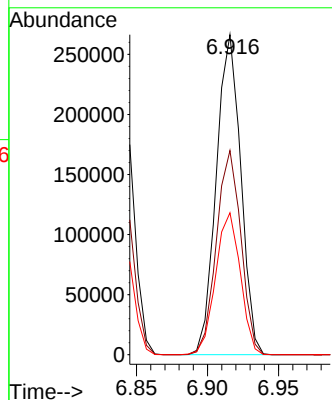
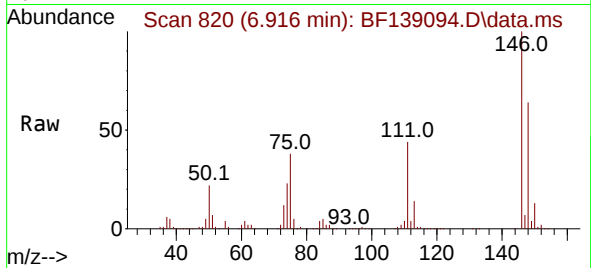




#13
1,4-Dichlorobenzene
Concen: 46.610 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

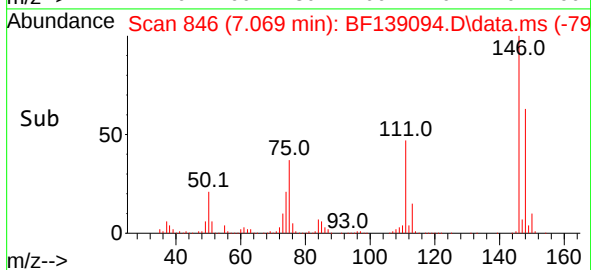
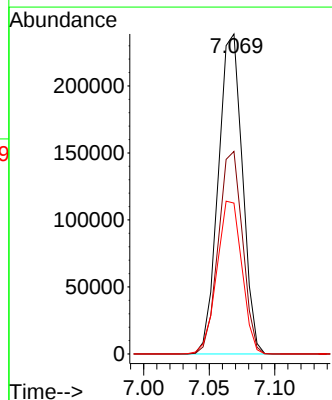
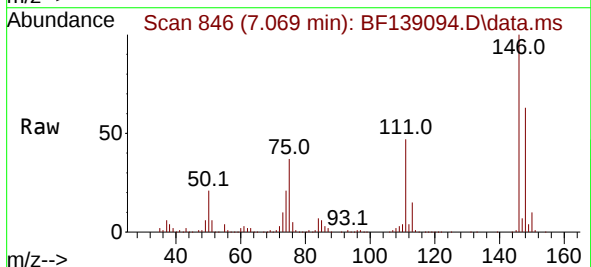
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

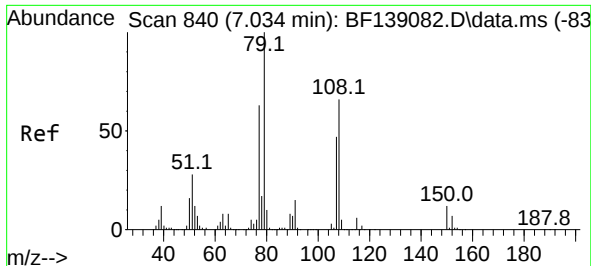
Tgt Ion:146 Resp: 319619
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
111 44.4 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 48.778 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:146 Resp: 305701
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
111 47.2 38.1 57.1

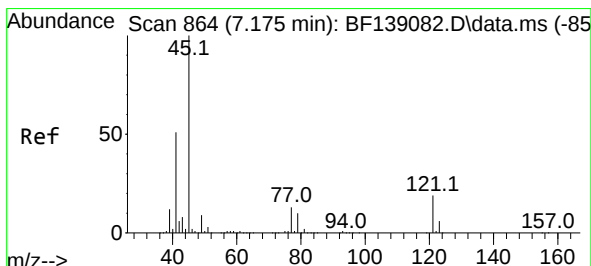
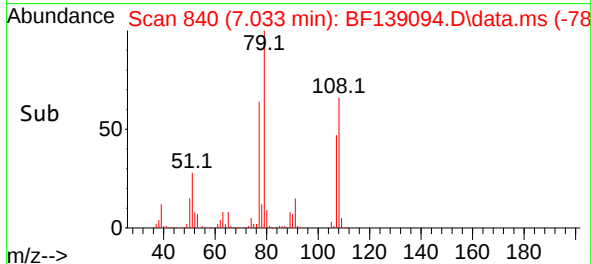
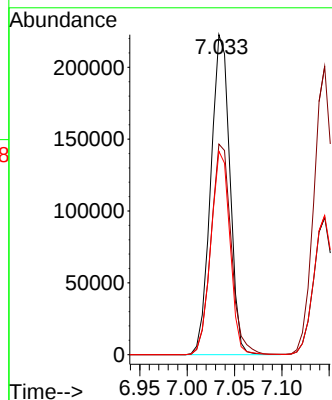
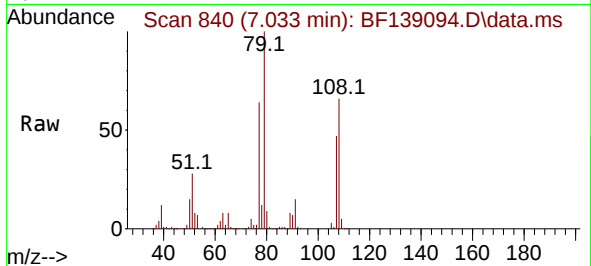




#15
Benzyl Alcohol
Concen: 51.504 ng
RT: 7.033 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

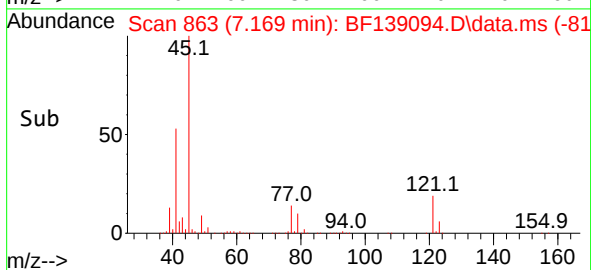
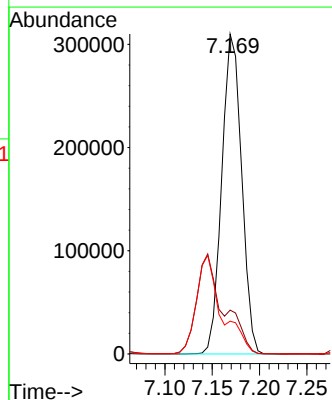
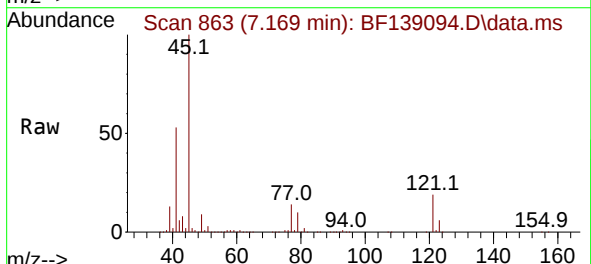
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

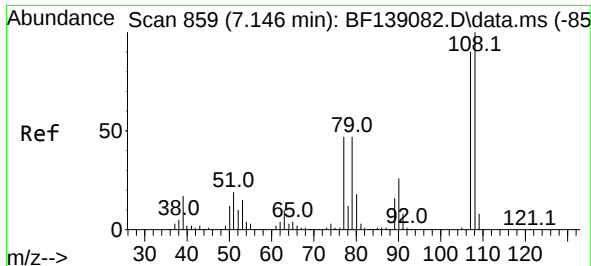
Tgt Ion: 79 Resp: 311944
Ion Ratio Lower Upper
79 100
108 65.8 52.8 79.2
77 63.6 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.027 ng
RT: 7.169 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion: 45 Resp: 451881
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.7
79 10.2 0.0 30.4

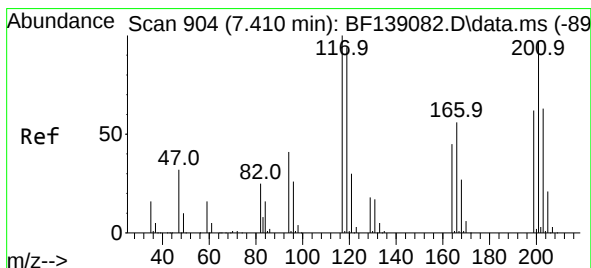
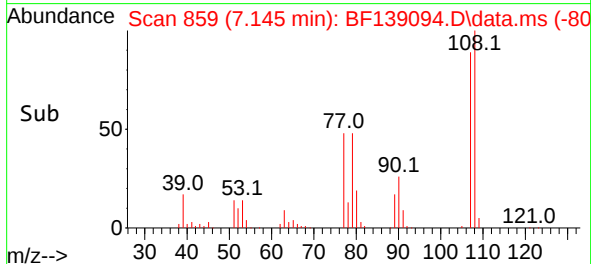
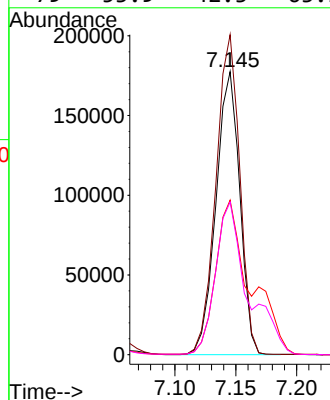
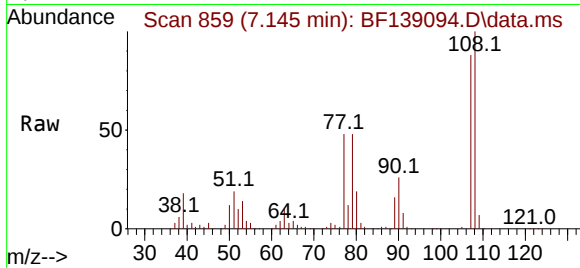




#17
2-Methylphenol
Concen: 49.517 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

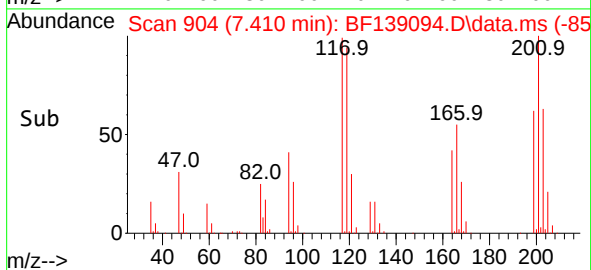
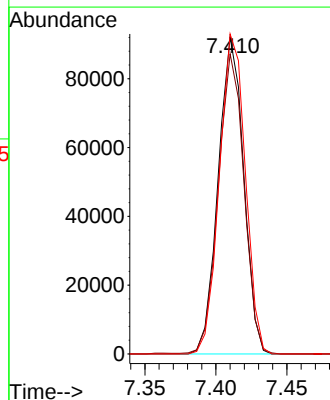
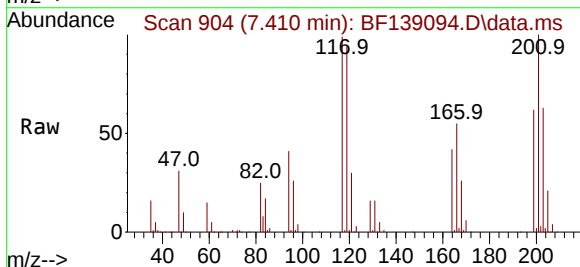
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

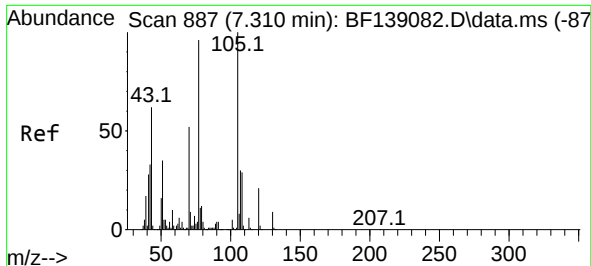
Tgt Ion:	107	Resp:	241647
Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.1	133.7
77	54.6	42.1	63.1
79	53.9	42.3	63.5



#18
Hexachloroethane
Concen: 47.748 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:	117	Resp:	114815
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.5	113.3
201	100.9	77.8	116.8



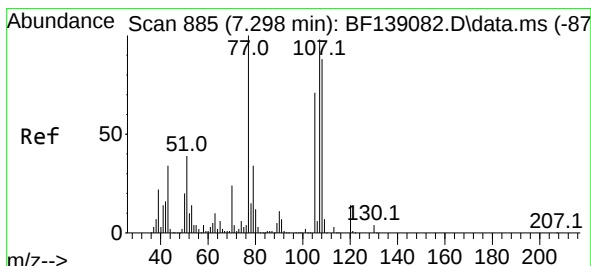
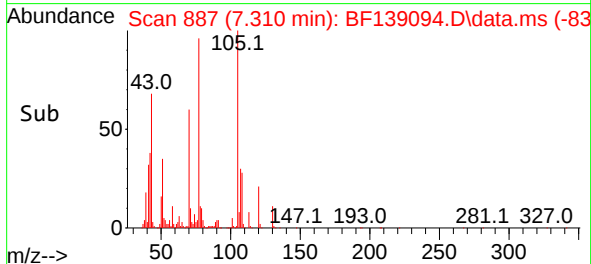
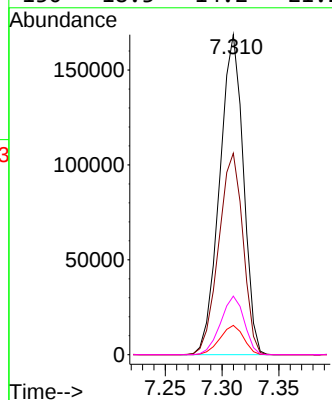
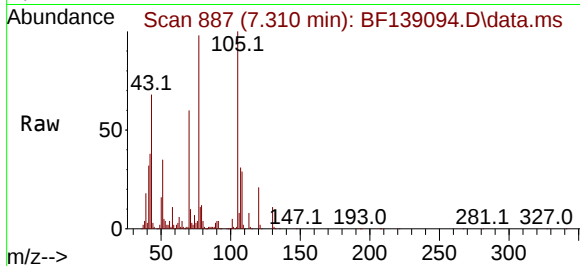


#19
n-Nitroso-di-n-propylamine
Concen: 48.670 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

Tgt Ion: 70 Resp: 244928

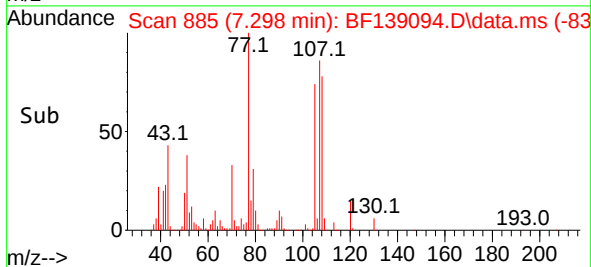
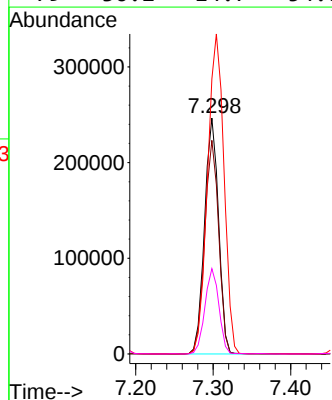
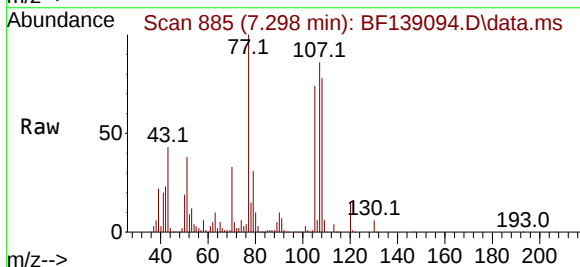
Ion	Ratio	Lower	Upper
70	100		
42	62.9	50.5	75.7
101	9.1	7.2	10.8
130	18.3	14.2	21.2

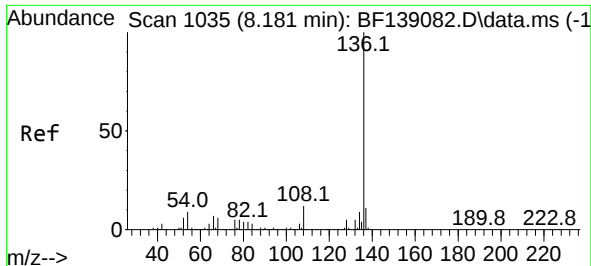


#20
3+4-Methylphenols
Concen: 49.125 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion: 107 Resp: 310610

Ion	Ratio	Lower	Upper
107	100		
108	90.6	70.2	110.2
77	116.6	82.7	122.7
79	36.2	14.7	54.7

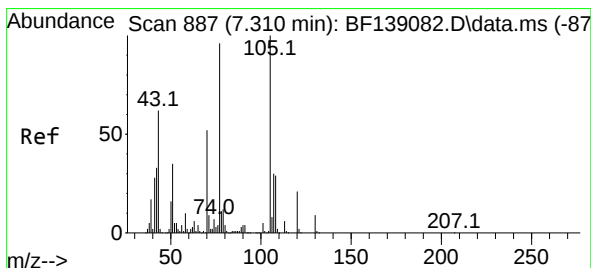
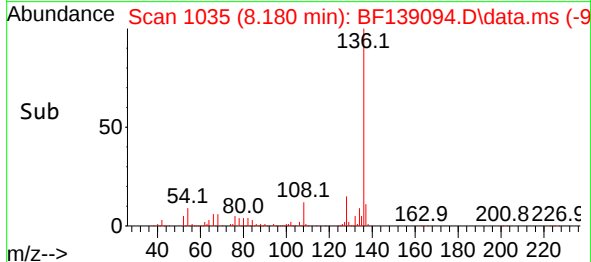
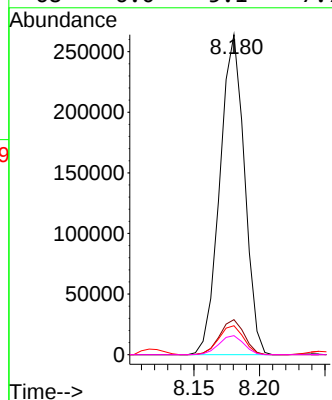
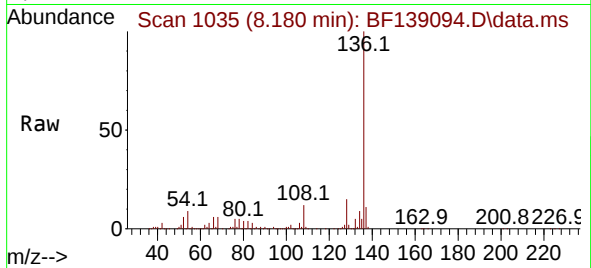




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

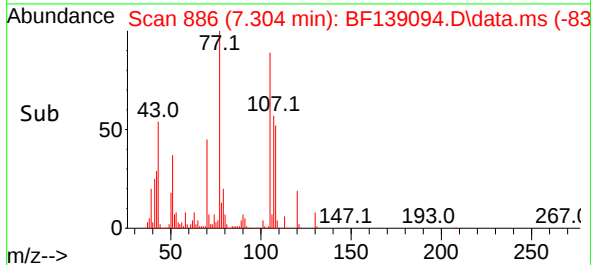
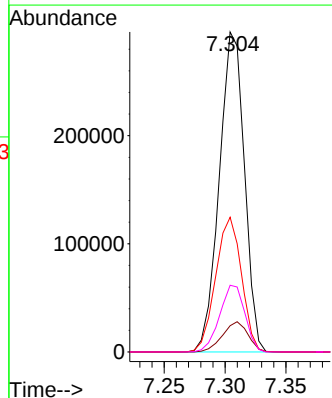
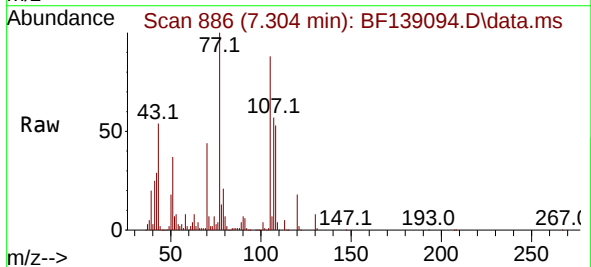
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

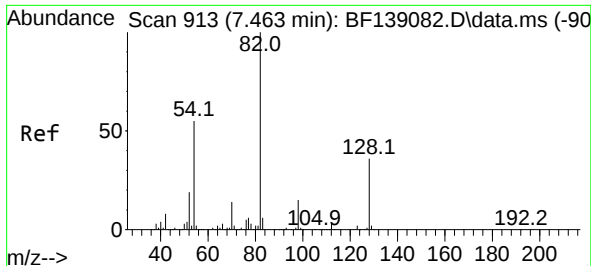
Tgt Ion:	136	Resp:	344368
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.1	7.6	11.4
68	6.0	5.1	7.7



#22
Acetophenone
Concen: 48.326 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:	105	Resp:	424923
Ion	Ratio	Lower	Upper
105	100		
71	8.2	7.0	10.6
51	42.1	28.0	42.0
120	20.9	16.5	24.7





#23

Nitrobenzene-d5

Concen: 70.072 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

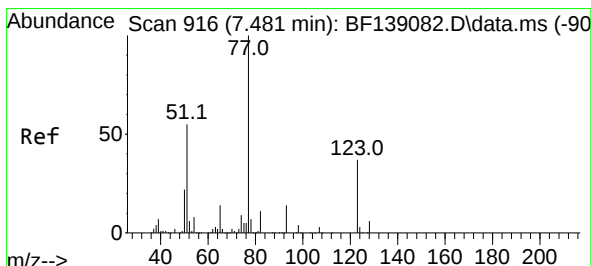
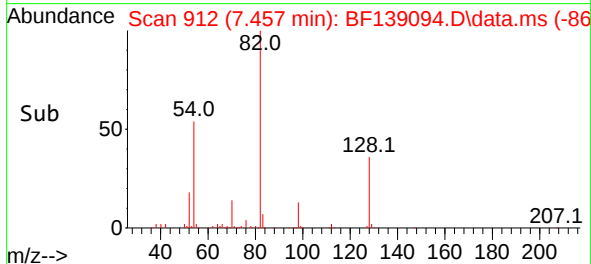
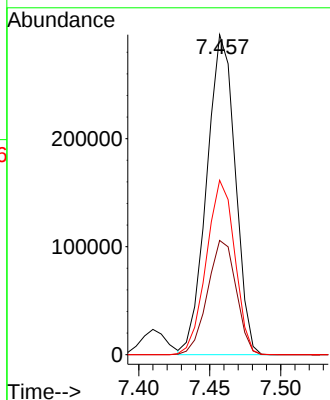
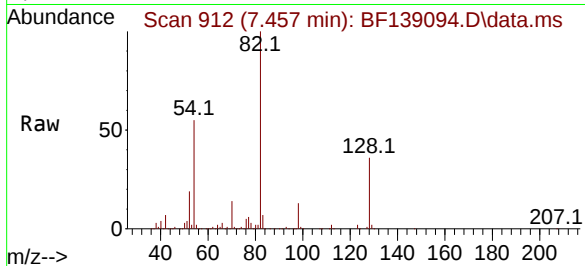
Tgt Ion: 82 Resp: 414119

Ion Ratio Lower Upper

82 100

128 35.7 29.0 43.4

54 54.5 43.4 65.2



#24

Nitrobenzene

Concen: 53.095 ng

RT: 7.481 min Scan# 916

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

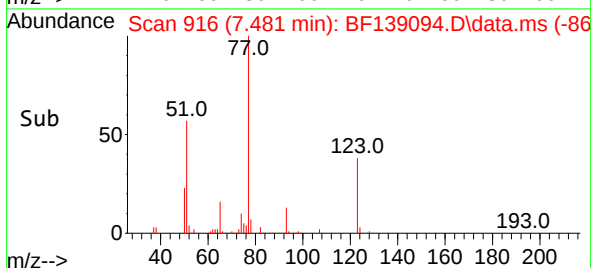
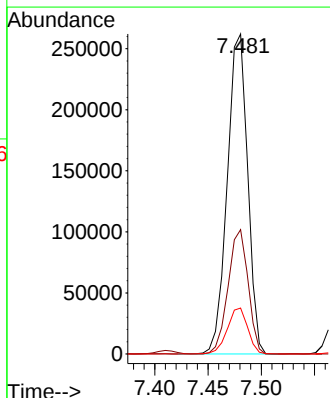
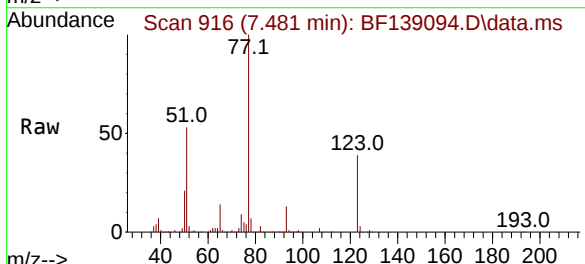
Tgt Ion: 77 Resp: 348783

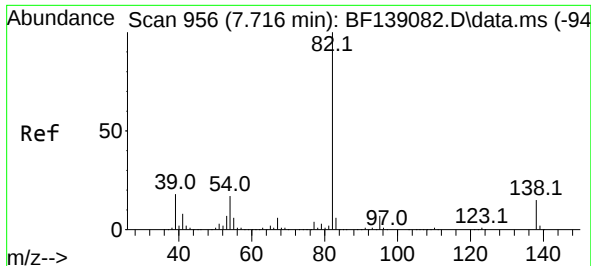
Ion Ratio Lower Upper

77 100

123 38.9 30.3 45.5

65 14.3 11.3 16.9

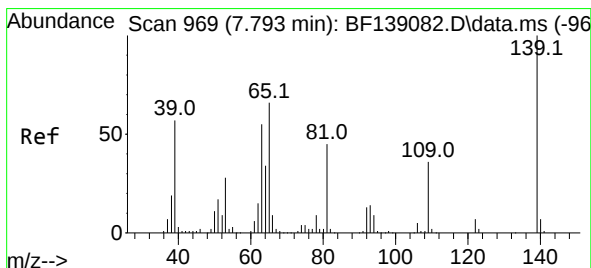
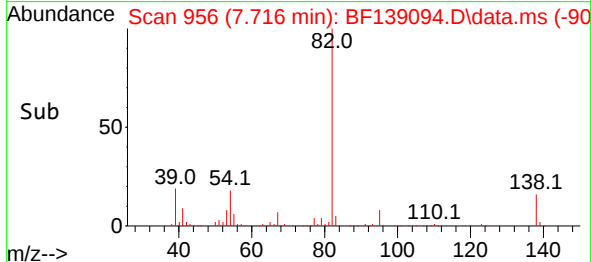
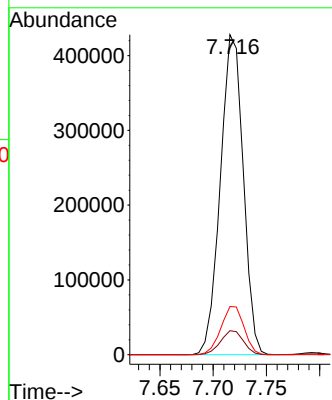
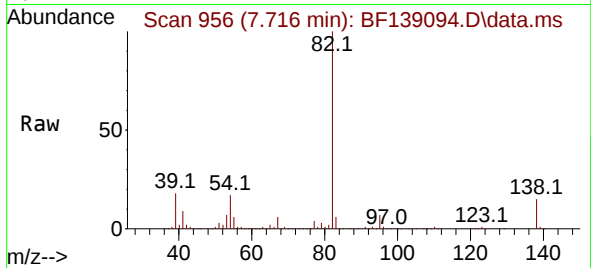




#25
Isophorone
Concen: 50.864 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

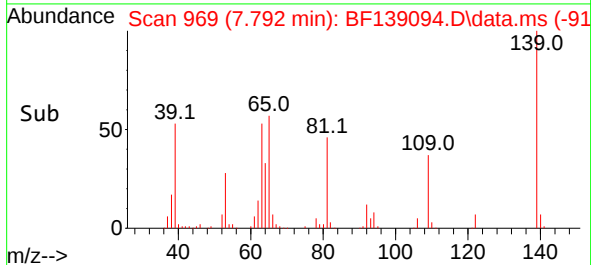
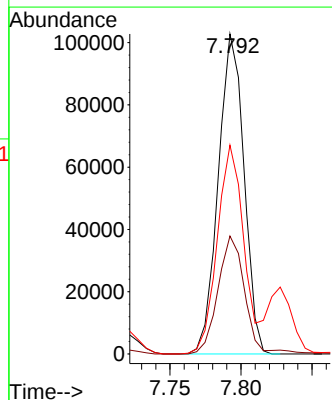
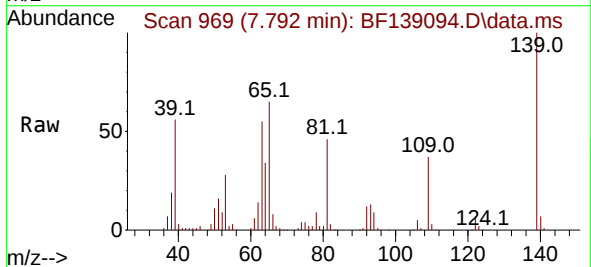
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

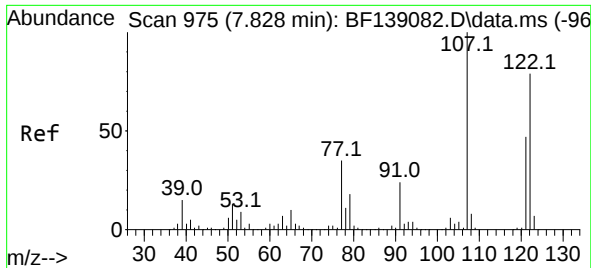
Tgt Ion: 82 Resp: 638923
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 15.1 11.8 17.8



#26
2-Nitrophenol
Concen: 55.517 ng
RT: 7.792 min Scan# 969
Delta R.T. -0.001 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:139 Resp: 129445
Ion Ratio Lower Upper
139 100
109 36.8 29.2 43.8
65 65.3 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 59.916 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

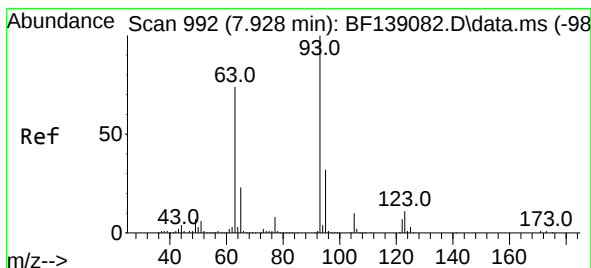
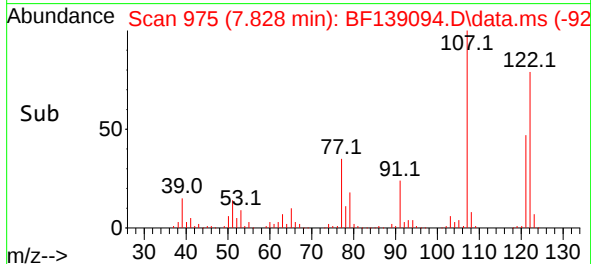
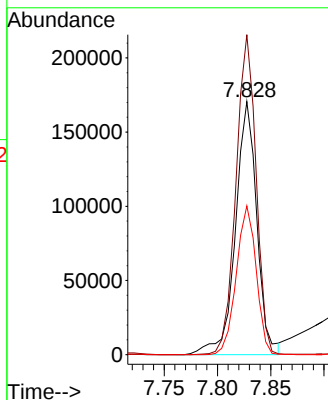
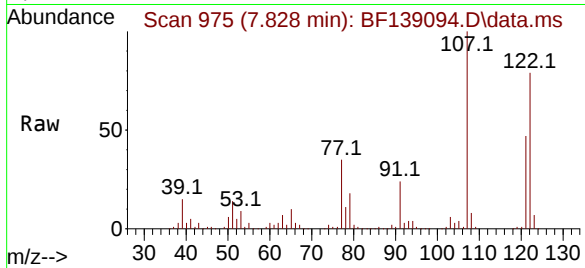
Tgt Ion:122 Resp: 238661

Ion Ratio Lower Upper

122 100

107 126.5 101.1 151.7

121 58.8 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 48.905 ng

RT: 7.928 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

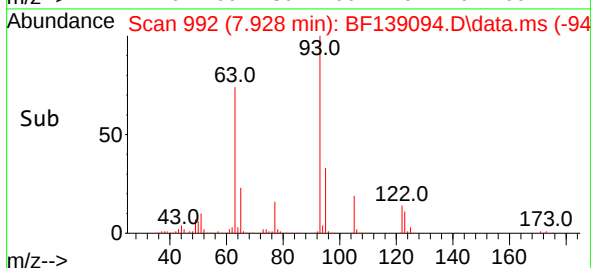
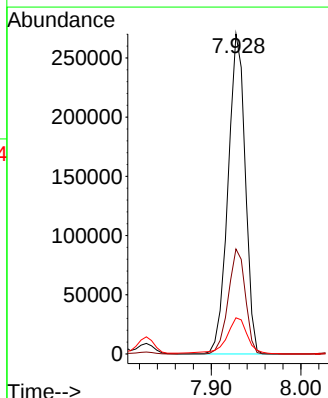
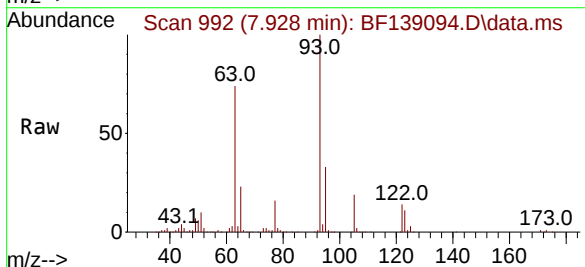
Tgt Ion: 93 Resp: 358945

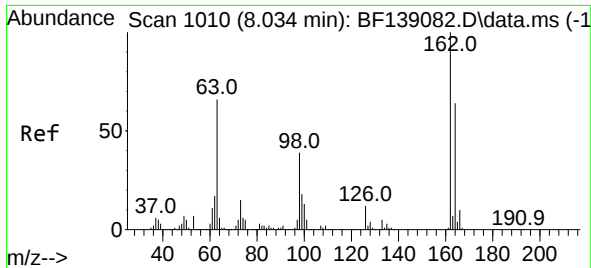
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

123 11.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.244 ng

RT: 8.033 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF139094.D

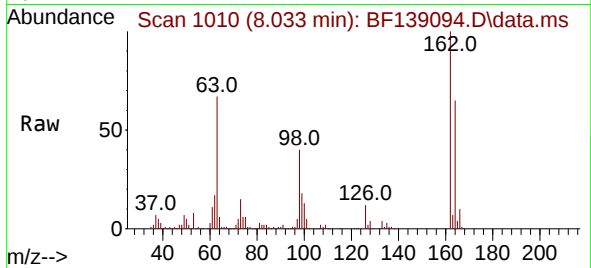
Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS



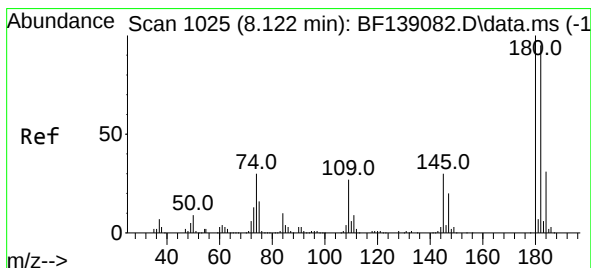
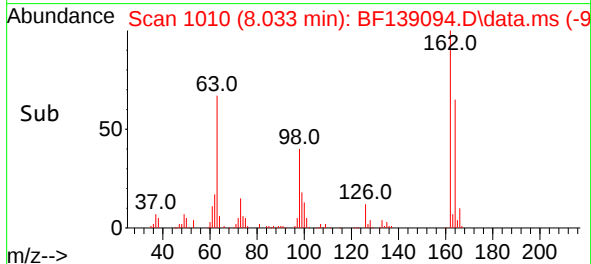
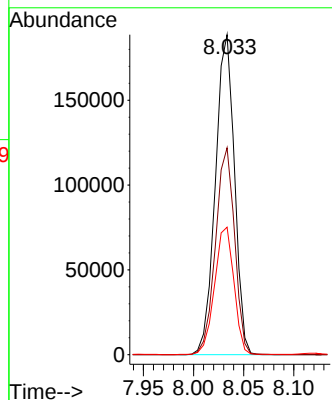
Tgt Ion:162 Resp: 249332

Ion Ratio Lower Upper

162 100

164 64.6 43.9 83.9

98 39.8 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 45.359 ng

RT: 8.122 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

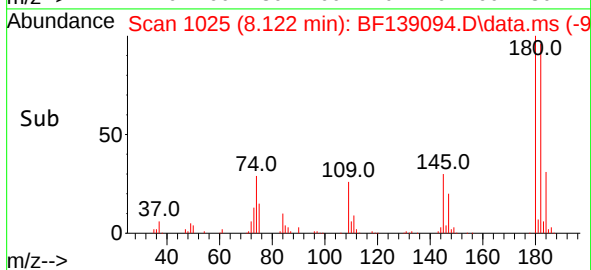
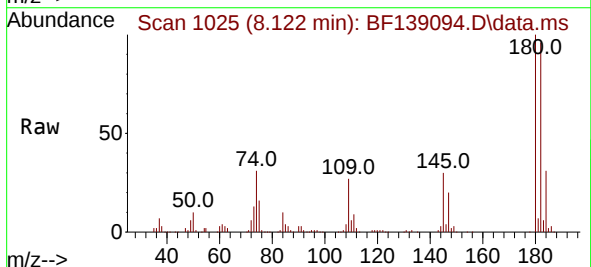
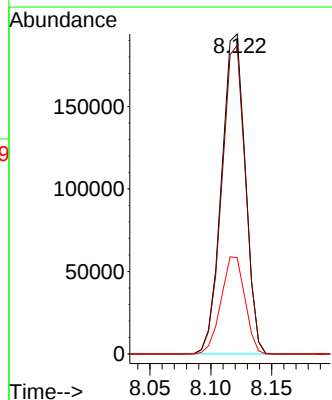
Tgt Ion:180 Resp: 263564

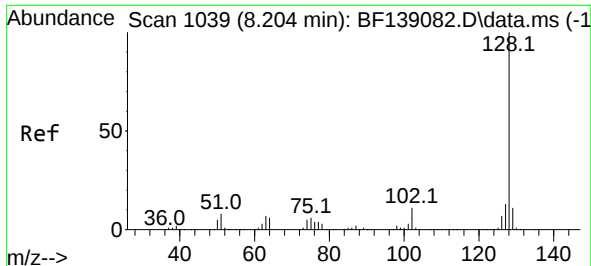
Ion Ratio Lower Upper

180 100

182 96.4 76.1 114.1

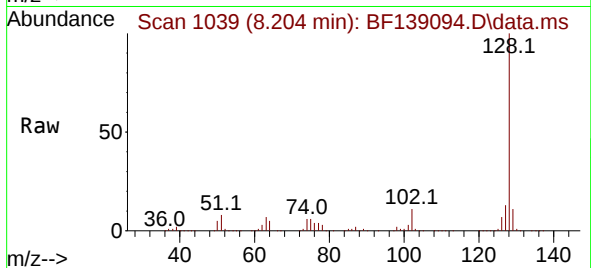
145 30.1 23.9 35.9



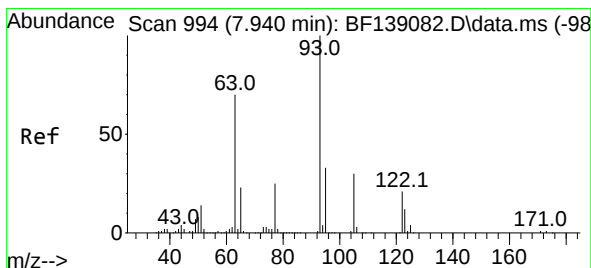
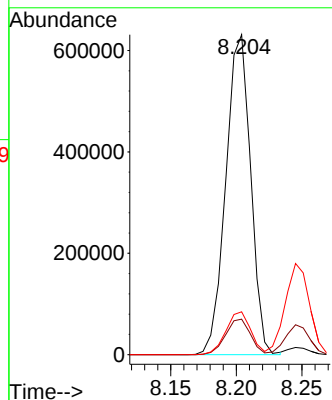
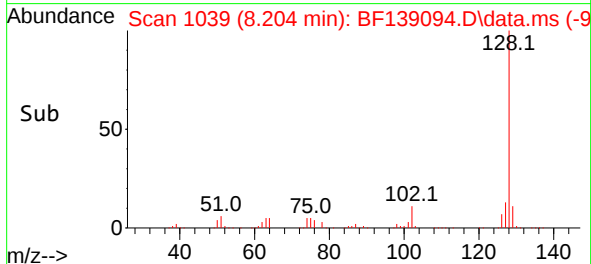


#31
Naphthalene
Concen: 47.651 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

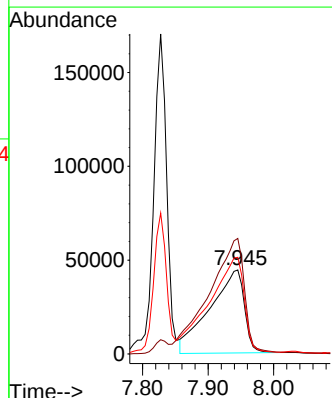
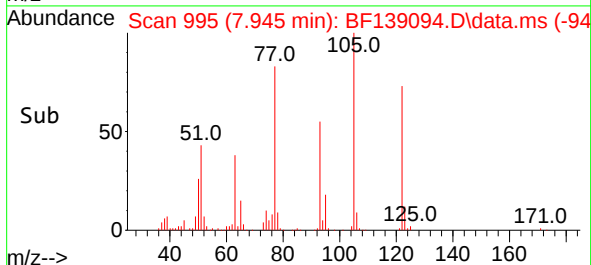
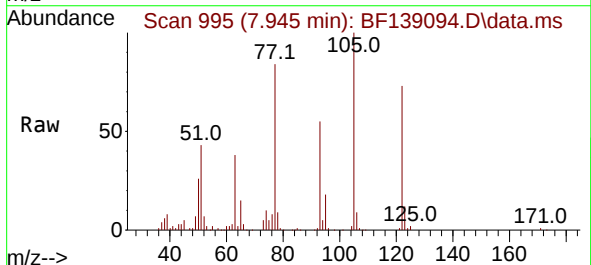


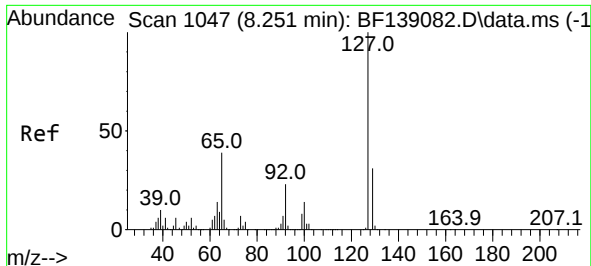
Tgt Ion:128 Resp: 831553
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 48.600 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.005 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:122 Resp: 161630
Ion Ratio Lower Upper
122 100
105 137.4 119.6 159.6
77 115.0 97.6 137.6

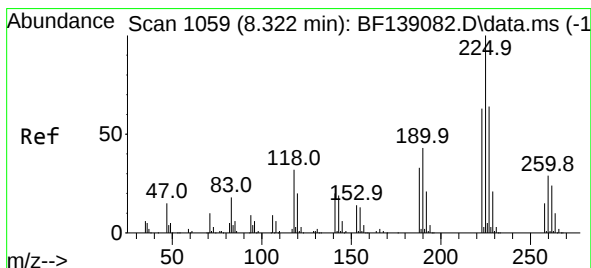
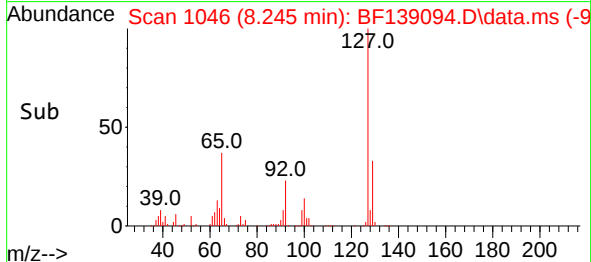
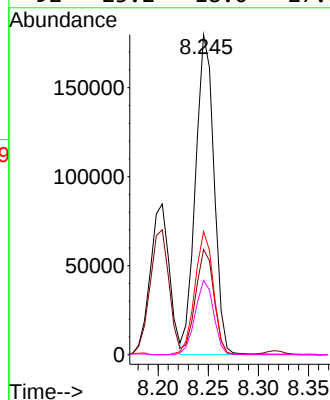
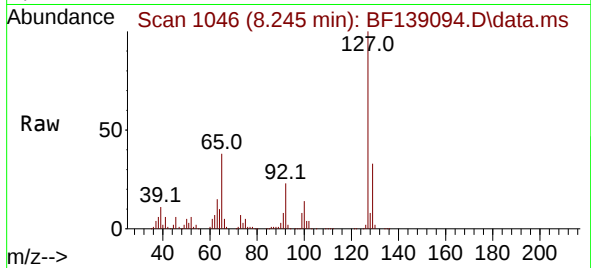




#33
4-Chloroaniline
Concen: 38.606 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

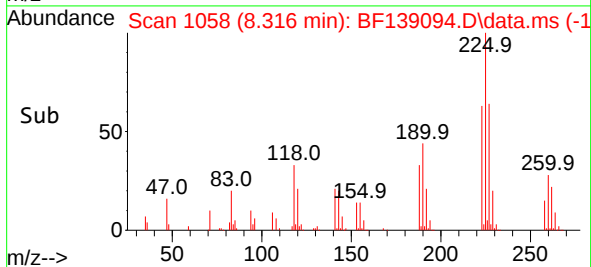
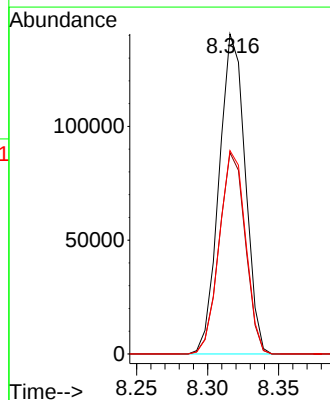
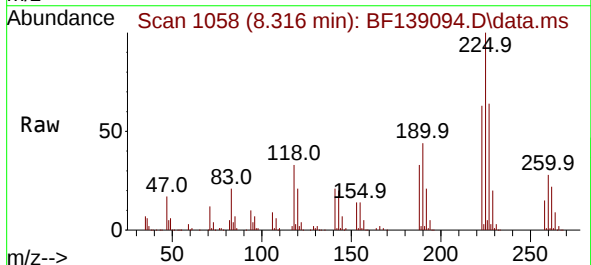
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

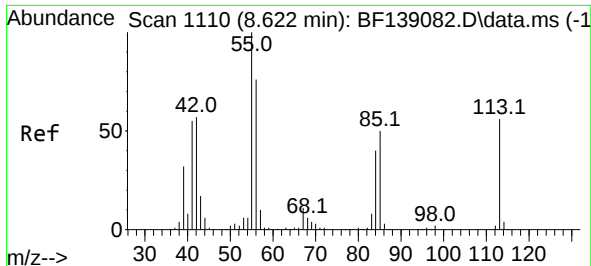
Tgt Ion:	127	Resp:	230729
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	38.4	30.3	45.5
92	23.2	18.0	27.0



#34
Hexachlorobutadiene
Concen: 47.351 ng
RT: 8.316 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:	225	Resp:	179734
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.0	75.0
227	63.5	51.4	77.2

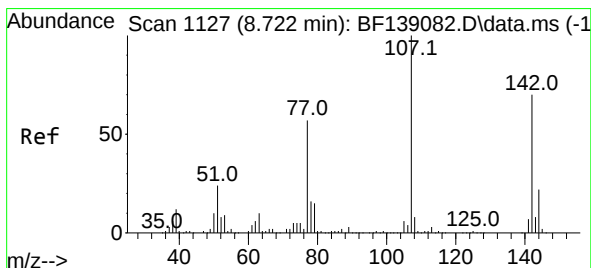
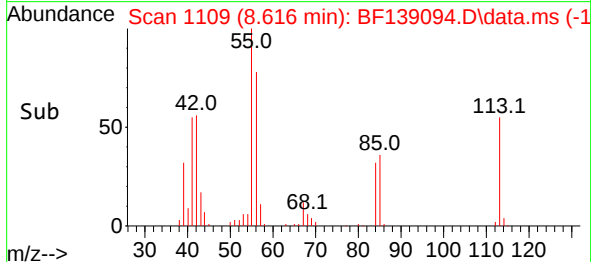
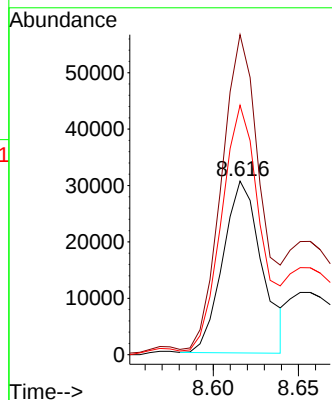
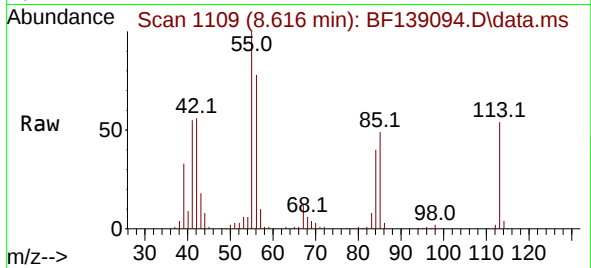




#35
 Caprolactam
 Concen: 30.780 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF139094.D
 Acq: 21 Aug 2024 11:22

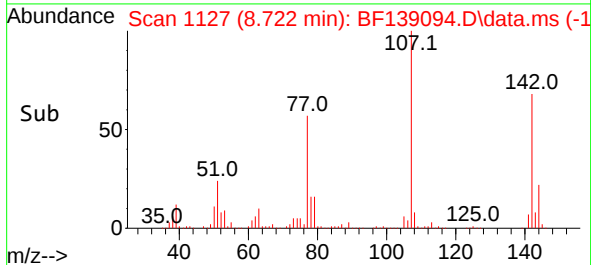
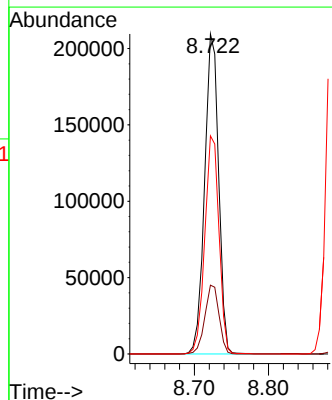
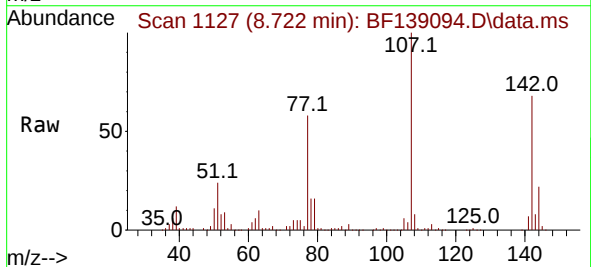
Instrument :
 BNA_F
 ClientSampleId :
 914-J-SD-0-1-081624MS

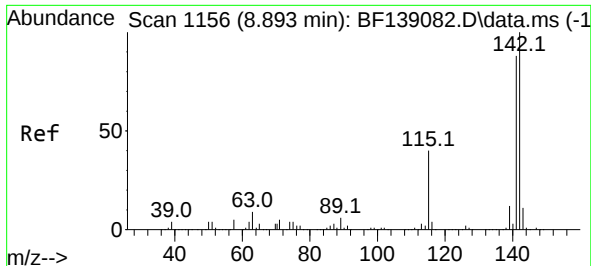
Tgt Ion:113 Resp: 48426
 Ion Ratio Lower Upper
 113 100
 55 184.3 158.6 198.6
 56 143.6 115.9 155.9



#36
 4-Chloro-3-methylphenol
 Concen: 50.285 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: BF139094.D
 Acq: 21 Aug 2024 11:22

Tgt Ion:107 Resp: 276292
 Ion Ratio Lower Upper
 107 100
 144 21.5 17.7 26.5
 142 68.2 55.6 83.4

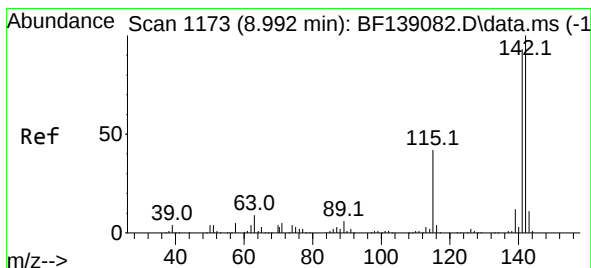
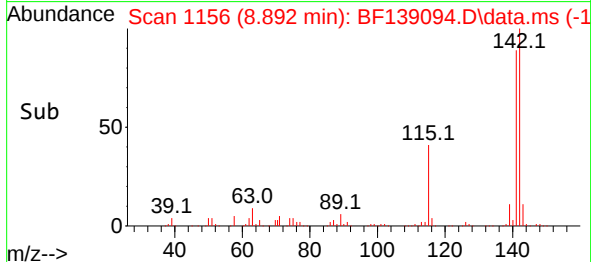
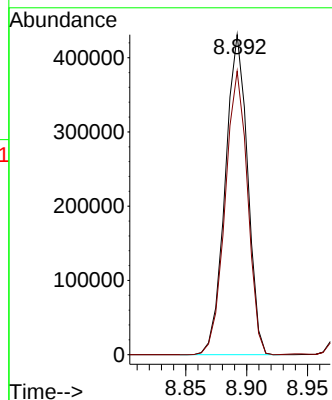
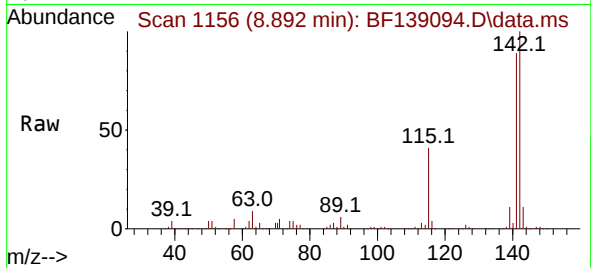




#37
2-Methylnaphthalene
Concen: 49.134 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

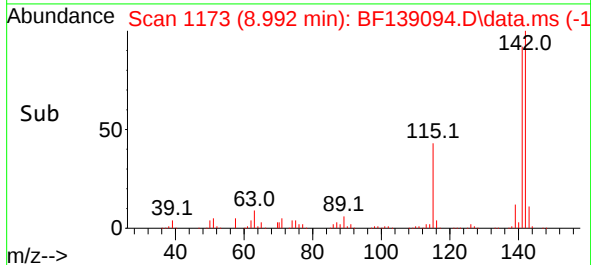
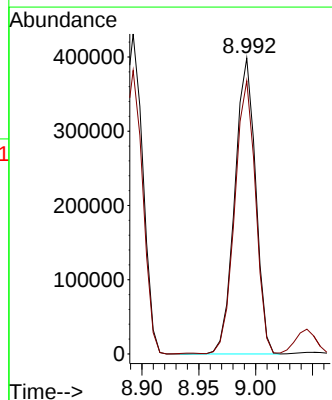
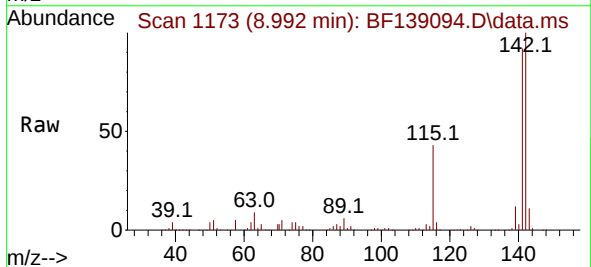
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

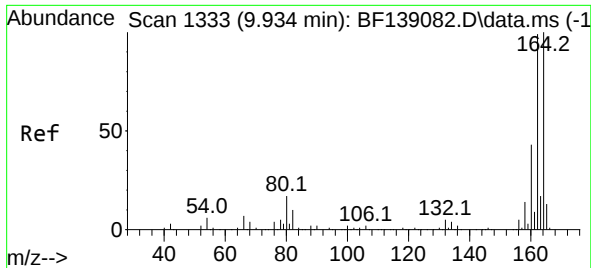
Tgt Ion:142 Resp: 549969
Ion Ratio Lower Upper
142 100
141 88.6 70.6 105.8



#38
1-Methylnaphthalene
Concen: 47.119 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:142 Resp: 509024
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1

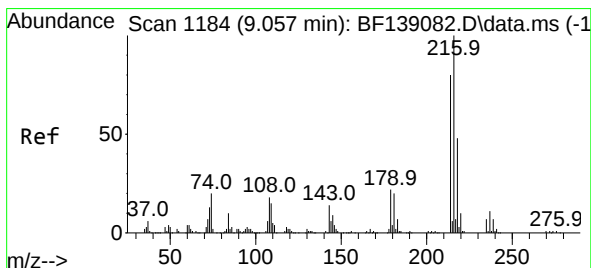
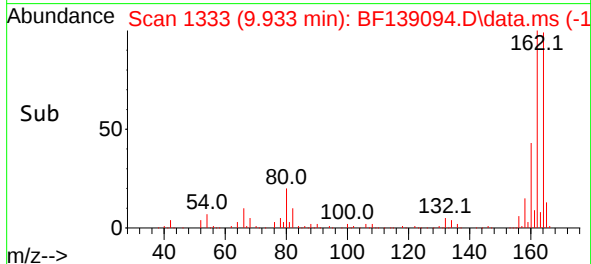
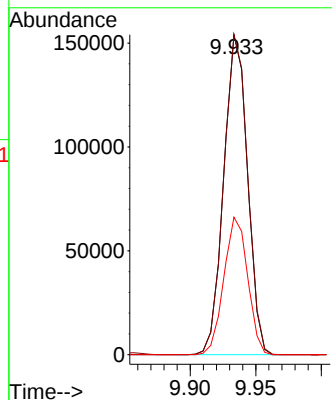
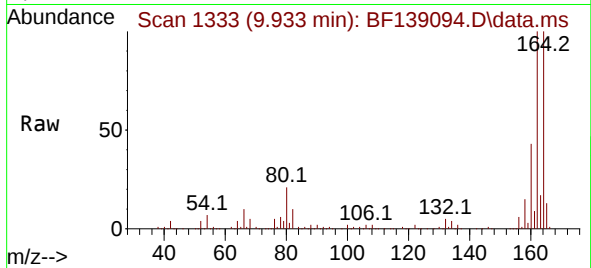




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1184
Delta R.T. -0.001 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

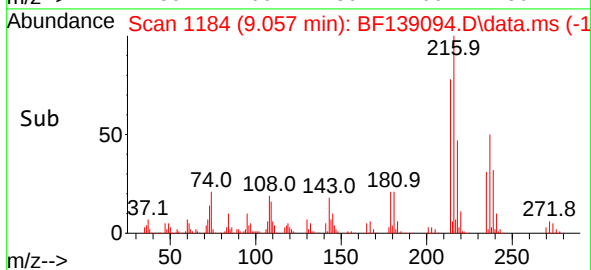
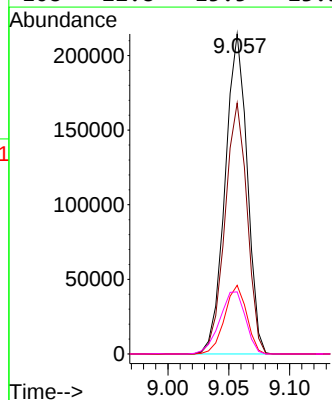
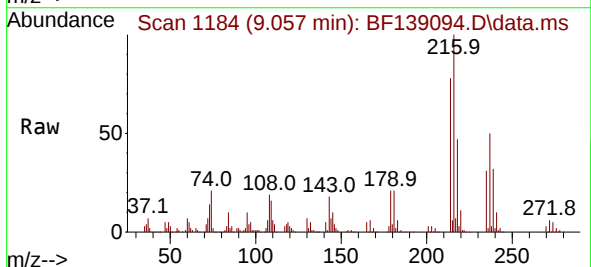
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

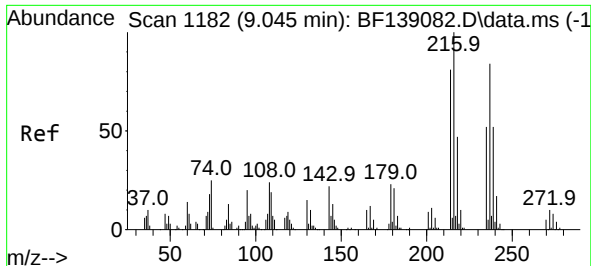
Tgt Ion:164 Resp: 193971
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 43.0 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.550 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:216 Resp: 270965
Ion Ratio Lower Upper
216 100
214 78.4 64.2 96.2
179 21.4 17.4 26.2
108 22.8 15.5 23.3

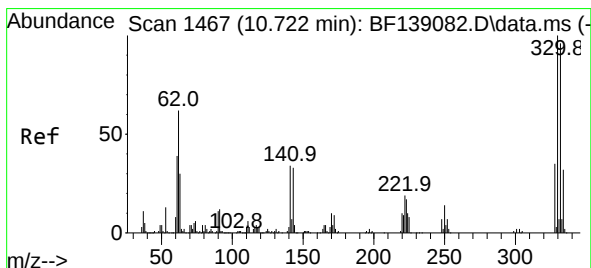
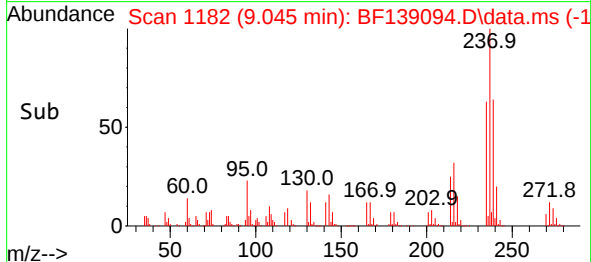
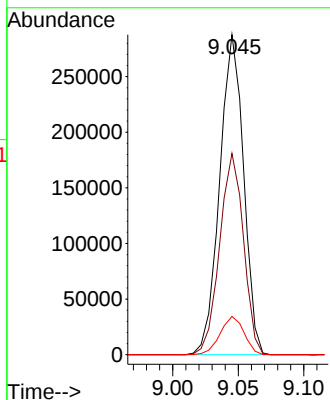
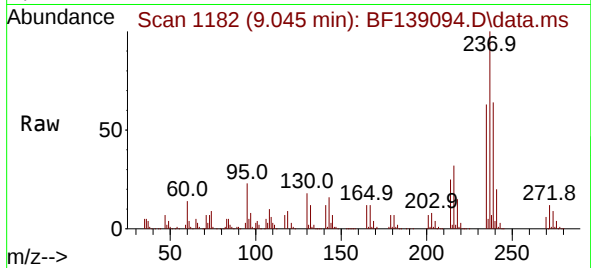




#41
Hexachlorocyclopentadiene
Concen: 178.405 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

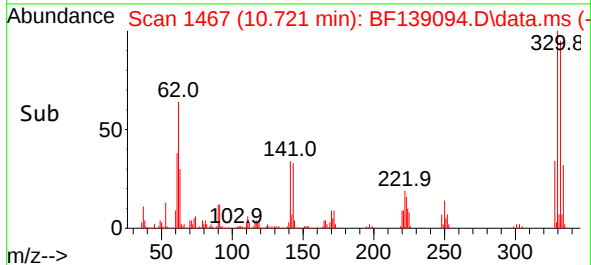
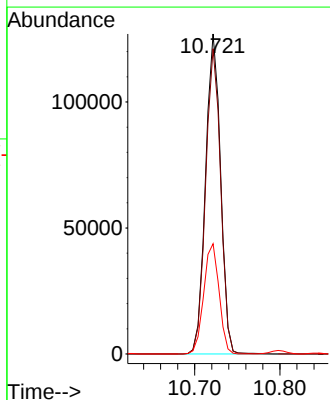
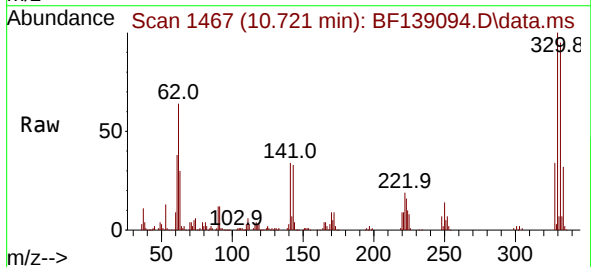
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

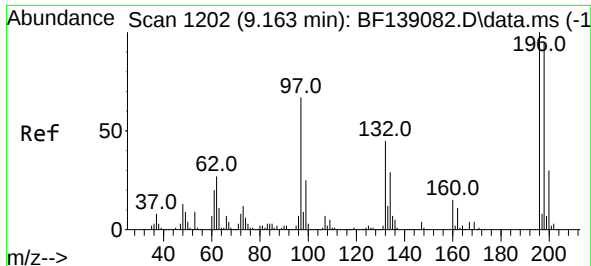
Tgt Ion: 237 Resp: 364123
Ion Ratio Lower Upper
237 100
235 62.9 42.5 82.5
272 11.9 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 88.586 ng
RT: 10.721 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion: 330 Resp: 155557
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 35.2 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 53.802 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

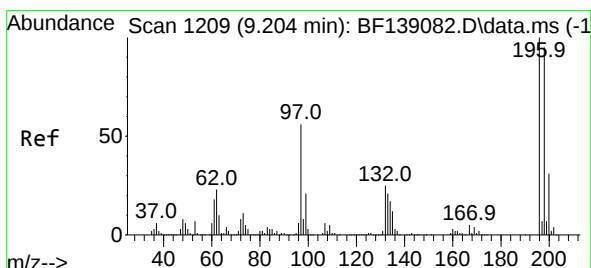
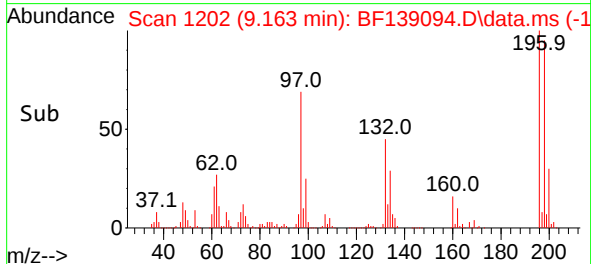
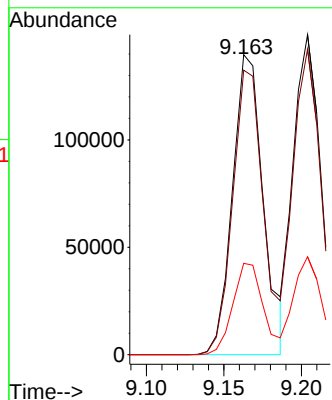
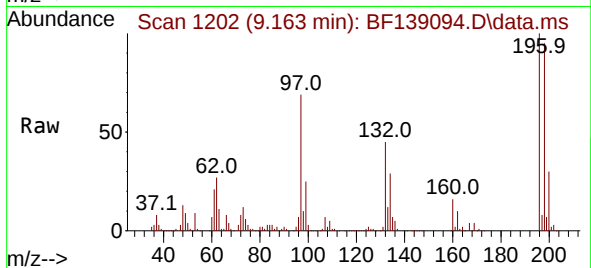
Tgt Ion:196 Resp: 192811

Ion Ratio Lower Upper

196 100

198 94.8 76.4 114.6

200 30.4 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 49.438 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Tgt Ion:196 Resp: 181857

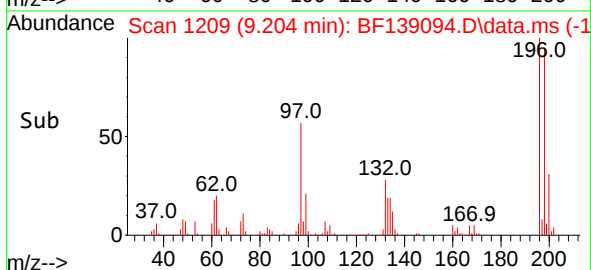
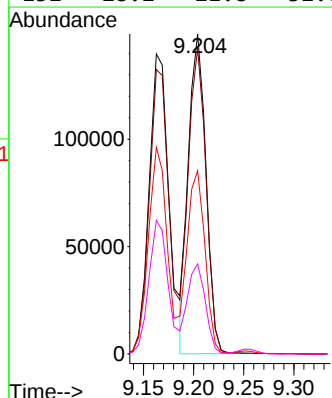
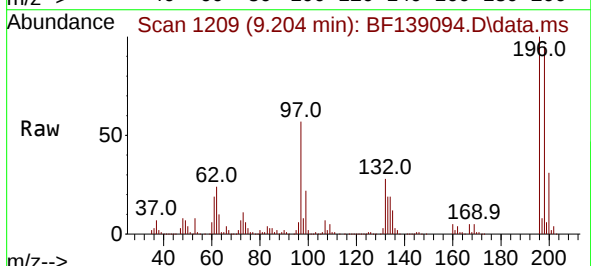
Ion Ratio Lower Upper

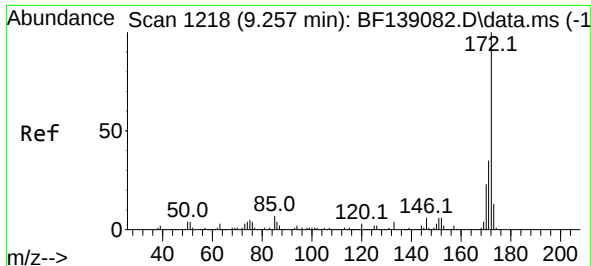
196 100

198 95.5 76.6 114.8

97 57.3 44.6 67.0

132 28.2 21.8 32.6

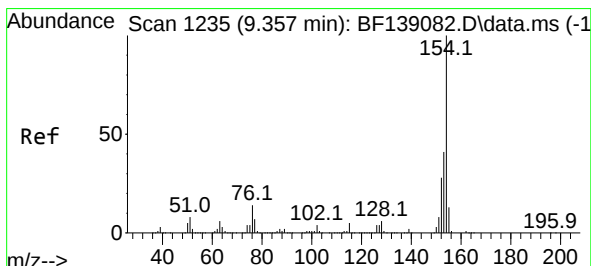
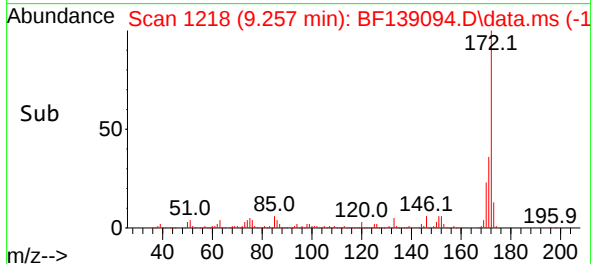
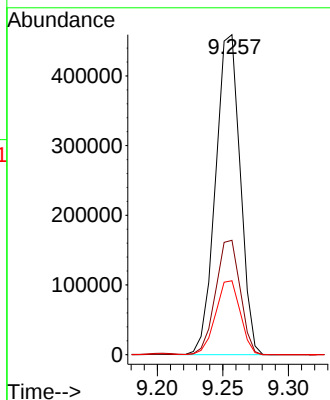
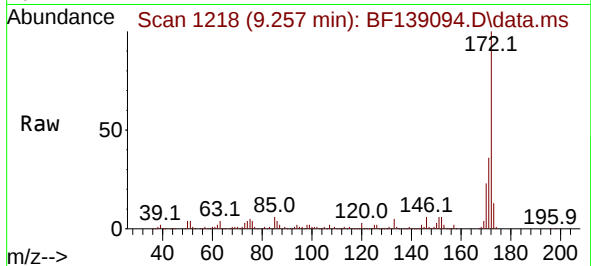




#45
2-Fluorobiphenyl
Concen: 49.064 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

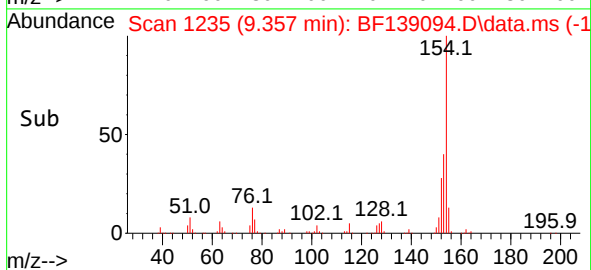
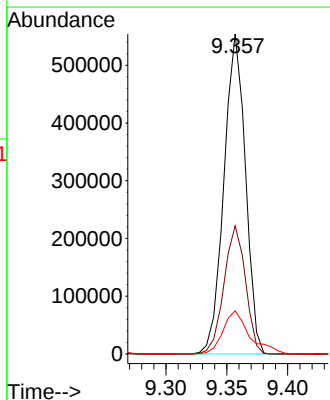
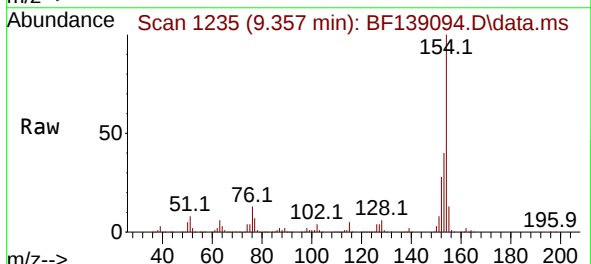
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

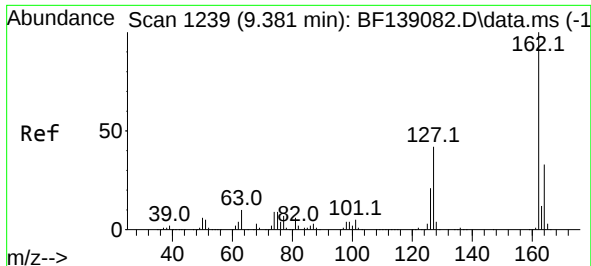
Tgt Ion:172 Resp: 599827
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.1 18.8 28.2



#46
1,1'-Biphenyl
Concen: 51.225 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:154 Resp: 680643
Ion Ratio Lower Upper
154 100
153 40.1 20.6 60.6
76 13.5 0.0 33.6





#47

2-Chloronaphthalene

Concen: 49.265 ng

RT: 9.380 min Scan# 1239

Delta R.T. -0.001 min

Lab File: BF139094.D

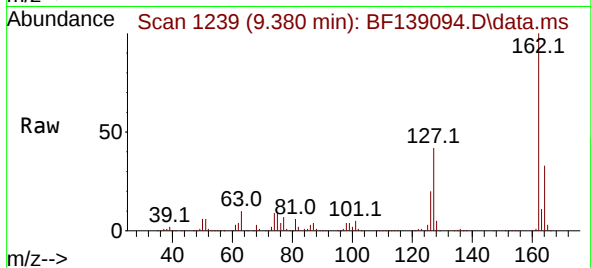
Acq: 21 Aug 2024 11:22

Instrument :

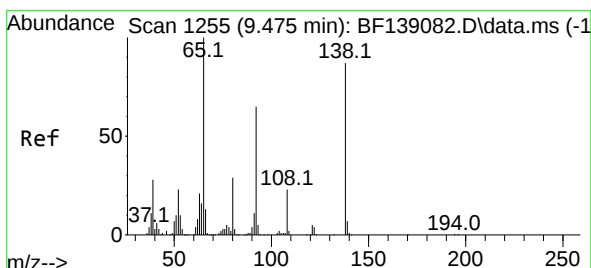
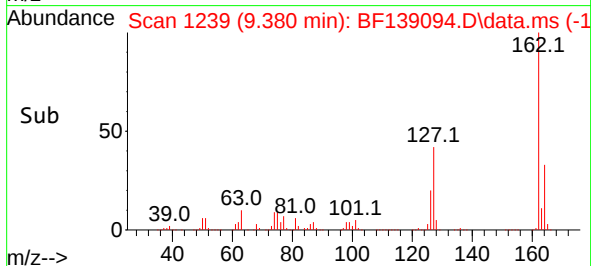
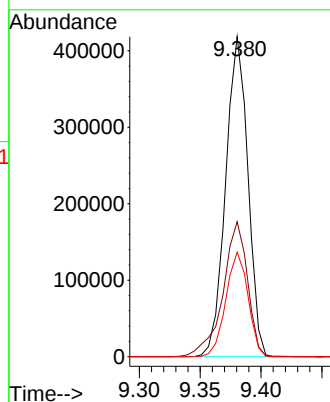
BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS



Tgt Ion:162	Resp: 531886
Ion Ratio	Lower Upper
162 100	
127 42.2	33.8 50.6
164 32.6	26.3 39.5



#48

2-Nitroaniline

Concen: 55.871 ng

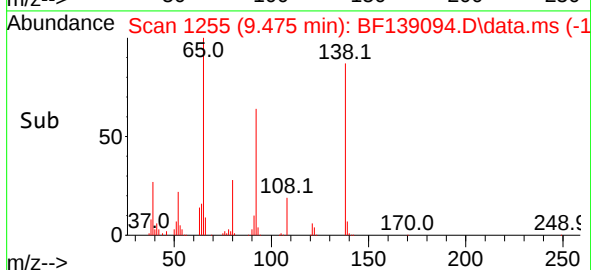
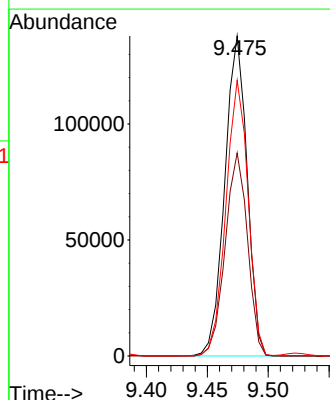
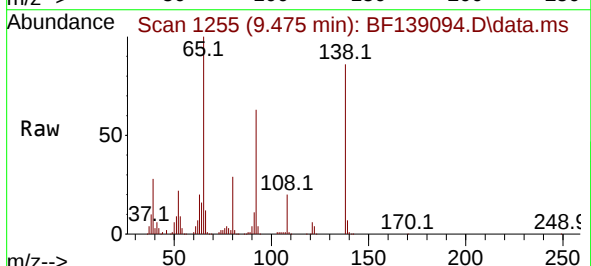
RT: 9.475 min Scan# 1255

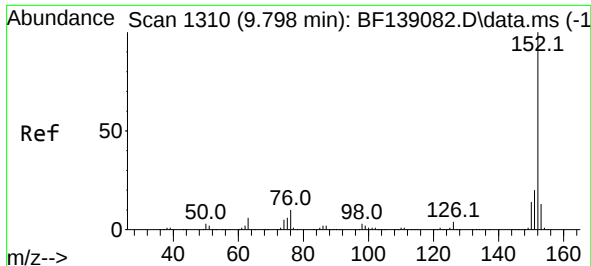
Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Tgt Ion: 65	Resp: 176140
Ion Ratio	Lower Upper
65 100	
92 63.5	52.4 78.6
138 86.1	69.4 104.0





#49

Acenaphthylene

Concen: 53.711 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

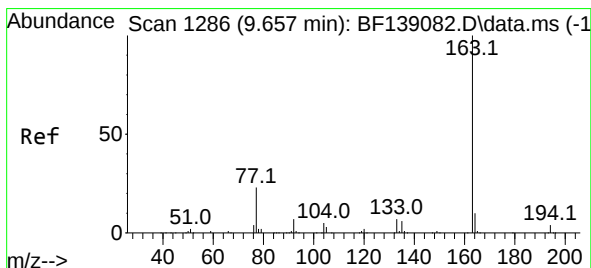
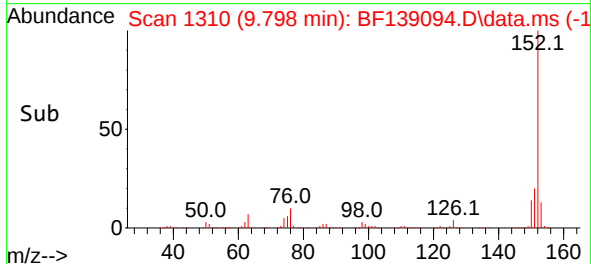
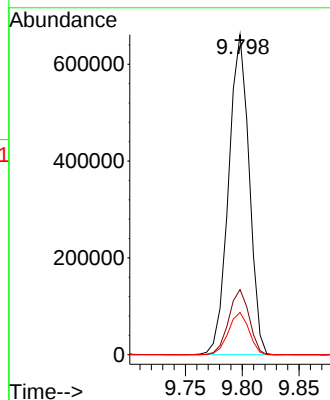
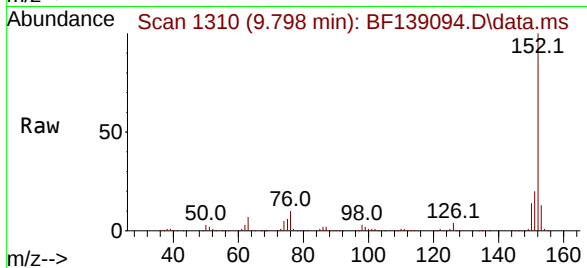
Tgt Ion:152 Resp: 830700

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 53.548 ng

RT: 9.657 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

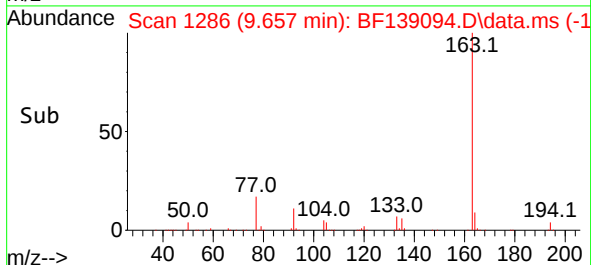
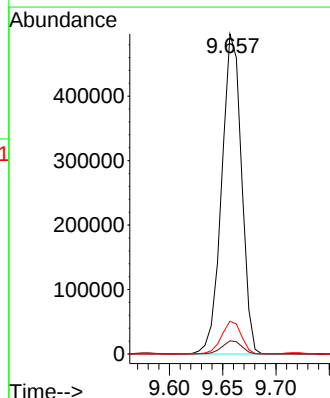
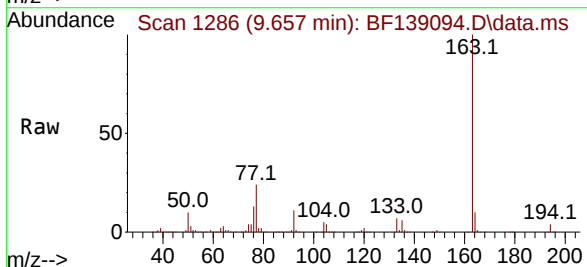
Tgt Ion:163 Resp: 641240

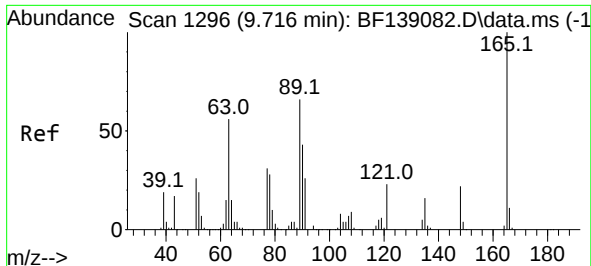
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.2 12.2

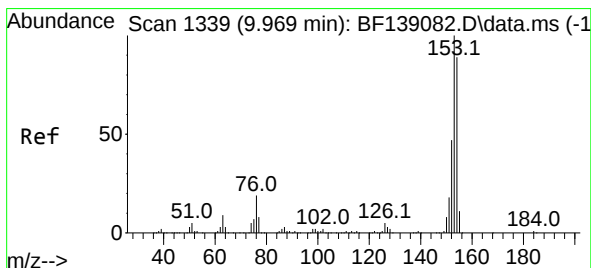
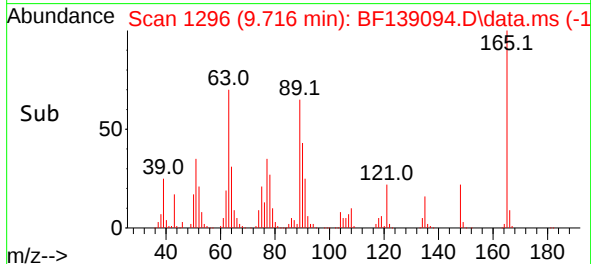
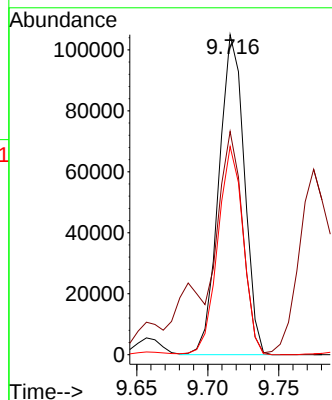
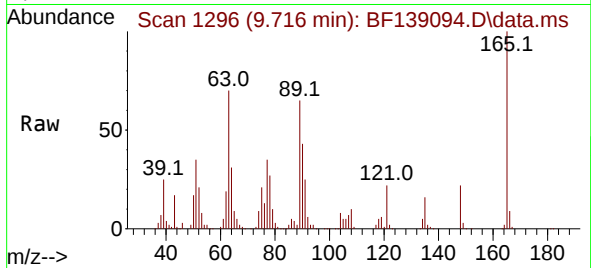




#51
2,6-Dinitrotoluene
Concen: 53.865 ng
RT: 9.716 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

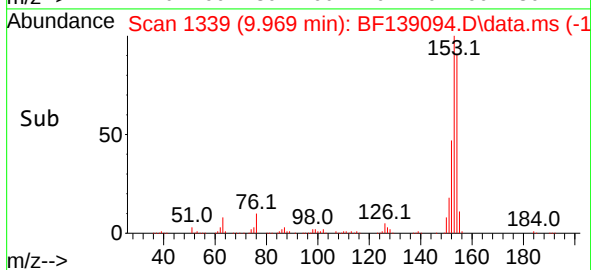
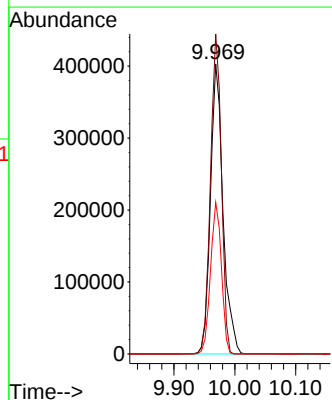
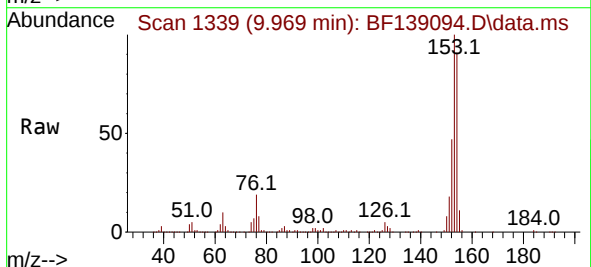
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

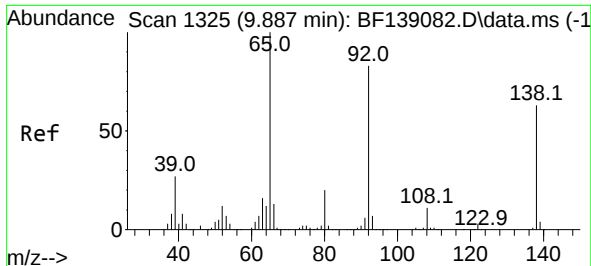
Tgt Ion:165 Resp: 130844
Ion Ratio Lower Upper
165 100
63 69.7 58.0 87.0
89 65.1 53.3 79.9



#52
Acenaphthene
Concen: 56.614 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:154 Resp: 578384
Ion Ratio Lower Upper
154 100
153 110.3 89.7 134.5
152 52.2 42.3 63.5

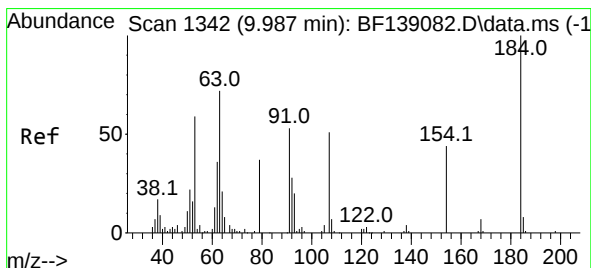
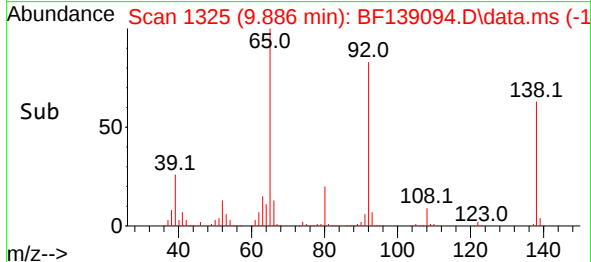
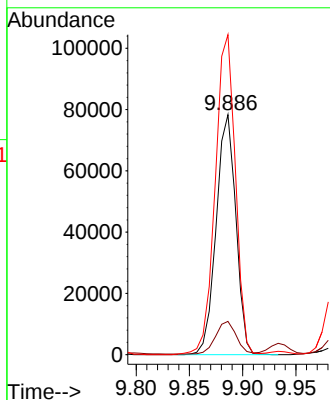
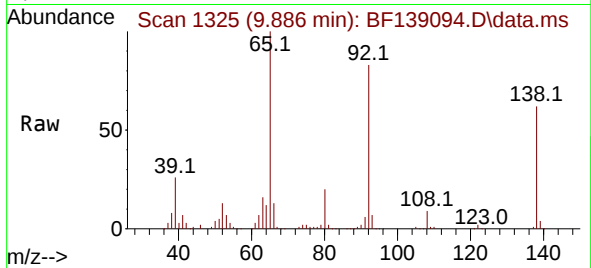




#53
3-Nitroaniline
Concen: 41.972 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

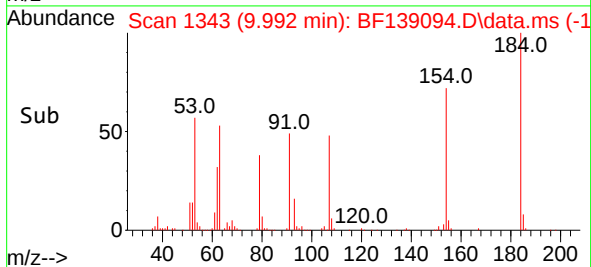
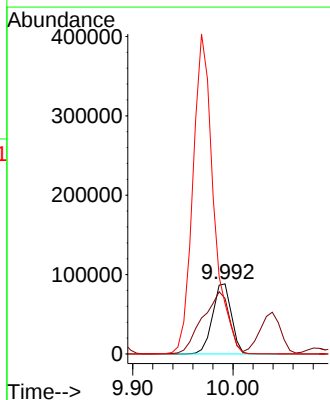
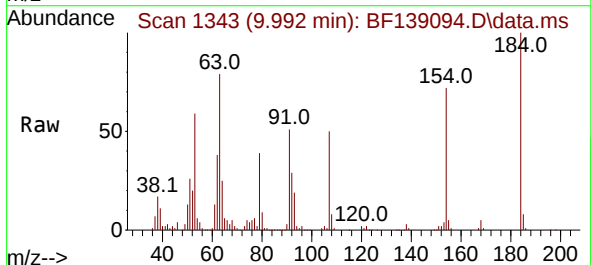
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

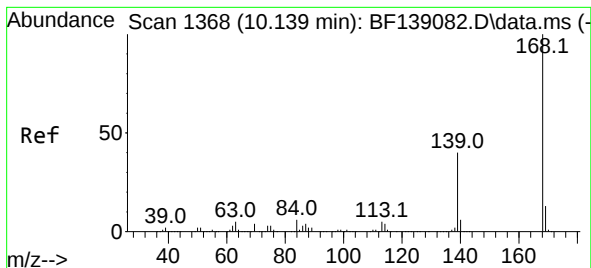
Tgt Ion:138 Resp: 100612
Ion Ratio Lower Upper
138 100
108 13.9 14.6 21.8#
92 133.3 105.9 158.9



#54
2,4-Dinitrophenol
Concen: 97.235 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:184 Resp: 115287
Ion Ratio Lower Upper
184 100
63 79.2 70.5 105.7
154 71.7 135.0 202.6#





#55

Dibenzenofuran

Concen: 51.074 ng

RT: 10.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

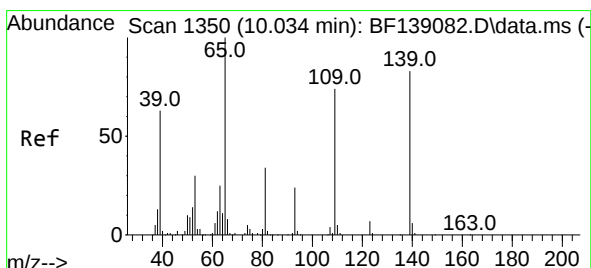
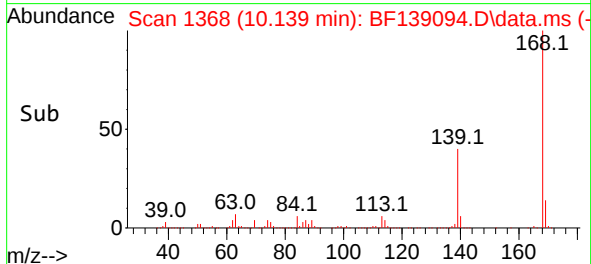
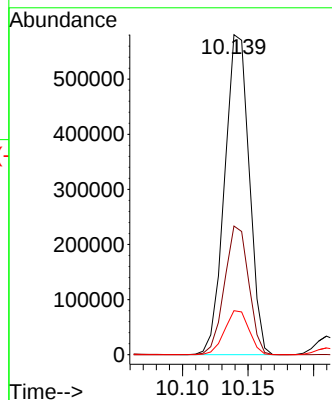
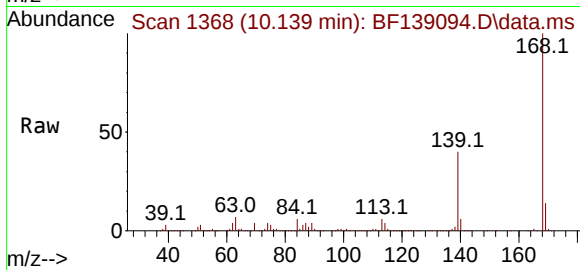
Tgt Ion:168 Resp: 757882

Ion Ratio Lower Upper

168 100

139 40.2 31.6 47.4

169 13.8 10.7 16.1



#56

4-Nitrophenol

Concen: 110.631 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.005 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

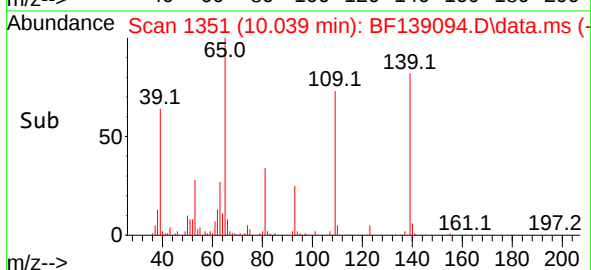
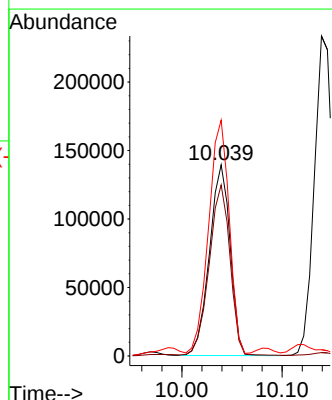
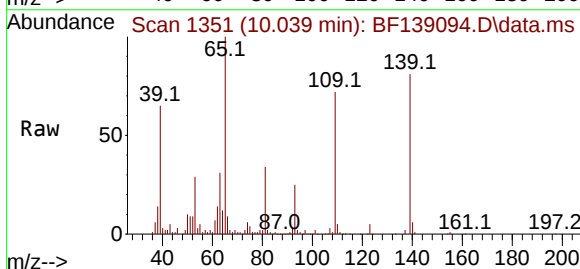
Tgt Ion:139 Resp: 200254

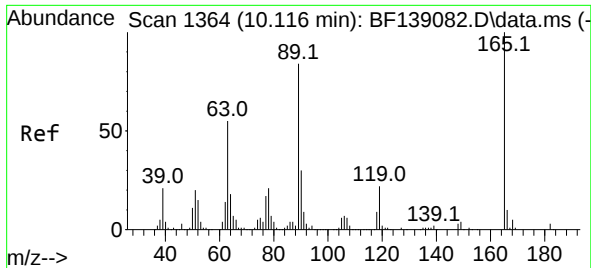
Ion Ratio Lower Upper

139 100

109 89.4 68.8 108.8

65 123.3 101.3 141.3

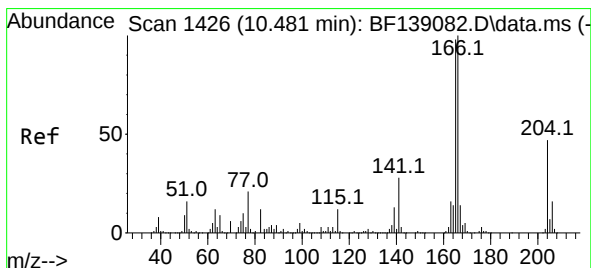
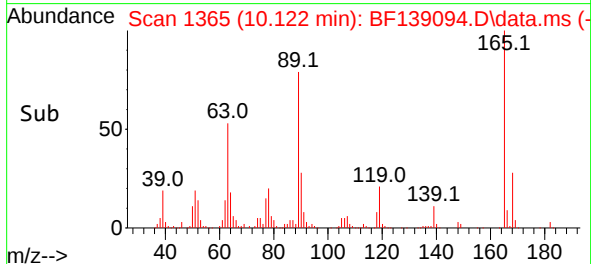
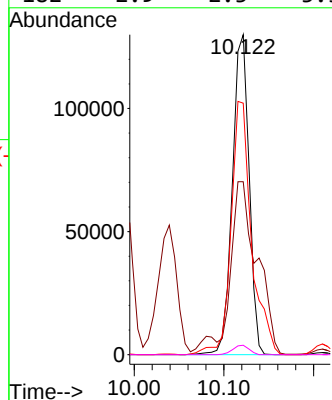
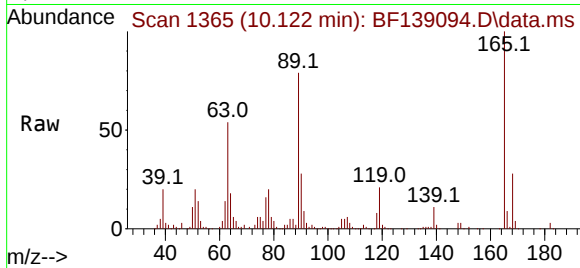




#57
2,4-Dinitrotoluene
Concen: 54.931 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

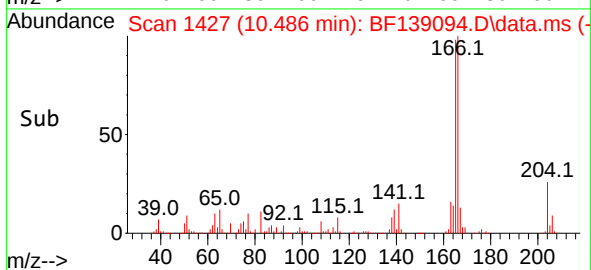
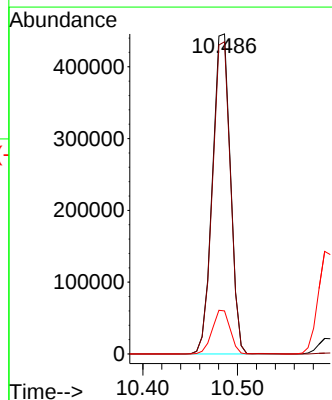
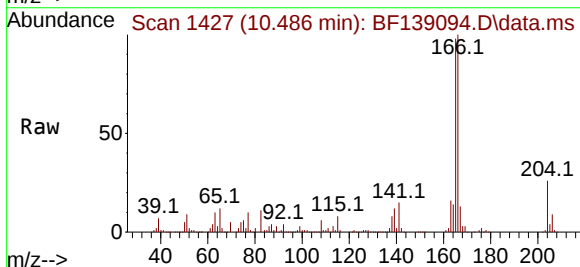
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

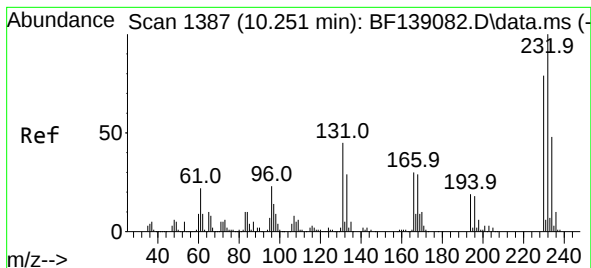
Tgt Ion:	165	Resp:	168138
Ion Ratio	Lower	Upper	
165	100		
63	54.0	44.2	66.4
89	78.6	67.4	101.2
182	2.9	2.3	3.5



#58
Fluorene
Concen: 49.335 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:	166	Resp:	585052
Ion Ratio	Lower	Upper	
166	100		
165	97.6	78.0	117.0
167	13.4	11.0	16.4

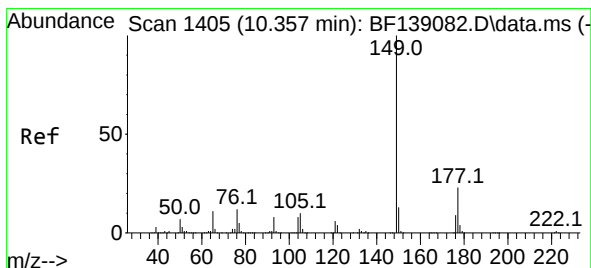
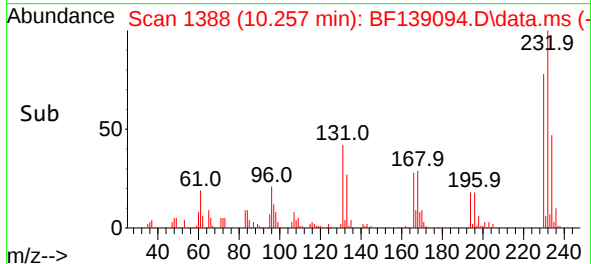
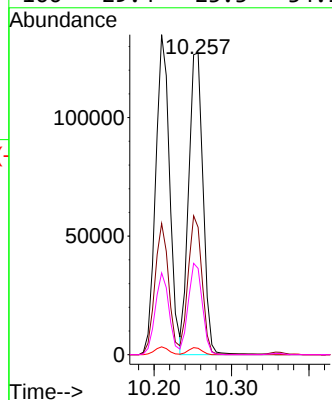
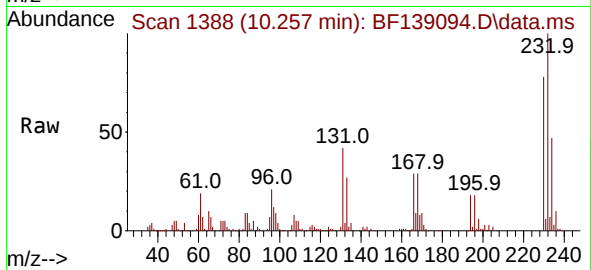




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.487 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

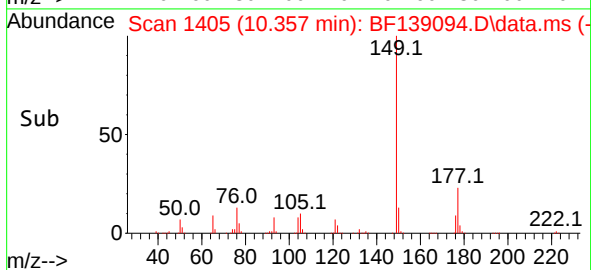
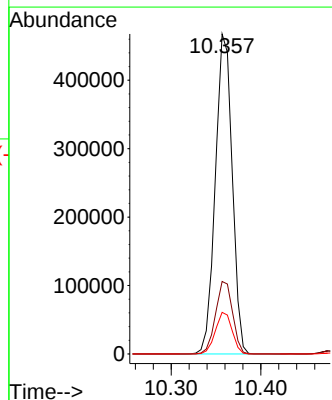
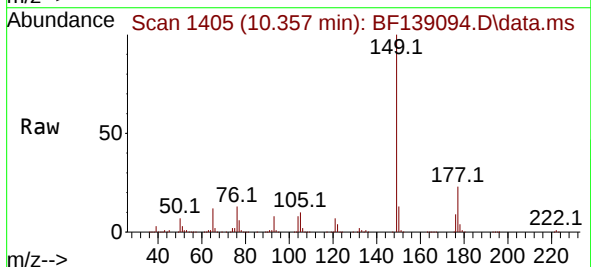
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

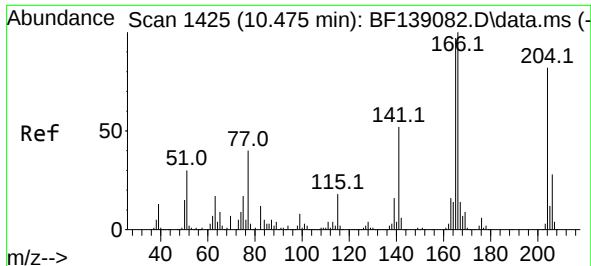
Tgt Ion:232 Resp: 163881
Ion Ratio Lower Upper
232 100
131 43.8 36.0 54.0
130 2.2 2.0 3.0
166 29.4 23.3 34.9



#60
Diethylphthalate
Concen: 51.421 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:149 Resp: 610120
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 13.0 10.2 15.2





#61

4-Chlorophenyl-phenylether

Concen: 50.140 ng

RT: 10.474 min Scan# 1425

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

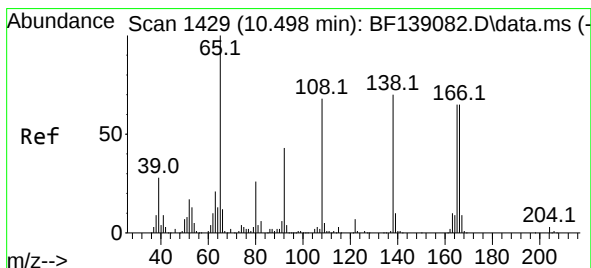
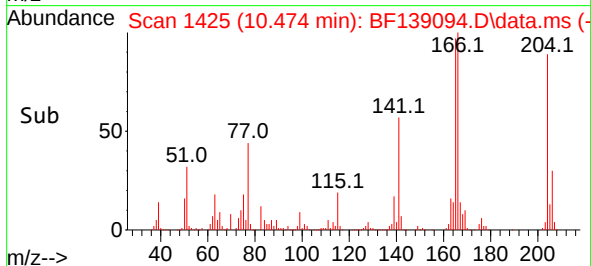
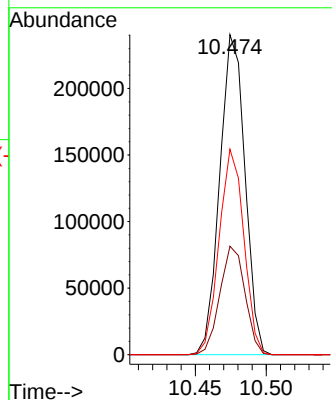
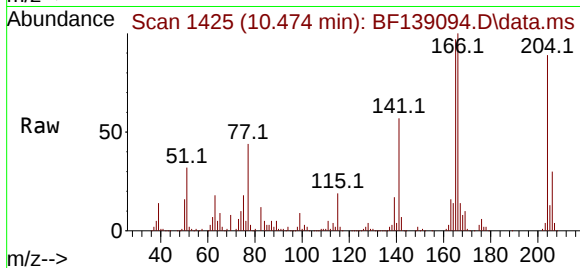
Tgt Ion:204 Resp: 296965

Ion Ratio Lower Upper

204 100

206 33.9 27.0 40.4

141 64.2 50.9 76.3



#62

4-Nitroaniline

Concen: 49.889 ng

RT: 10.498 min Scan# 1429

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

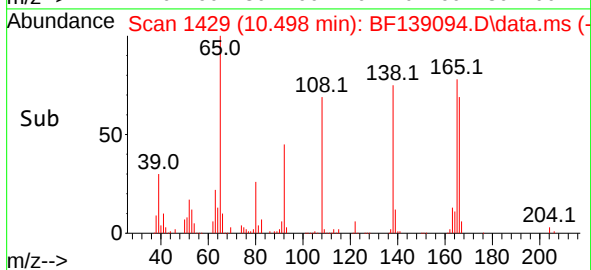
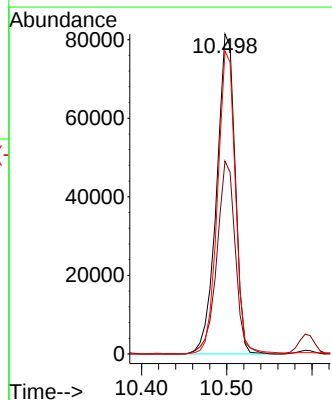
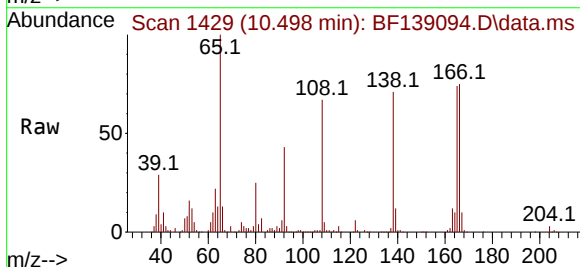
Tgt Ion:138 Resp: 123012

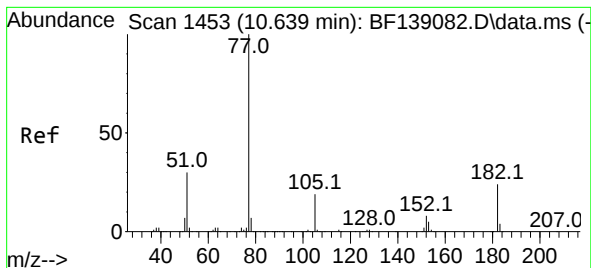
Ion Ratio Lower Upper

138 100

92 60.3 41.4 81.4

108 94.7 76.8 116.8





#63

Azobenzene

Concen: 51.204 ng

RT: 10.639 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

Tgt Ion: 77 Resp: 675159

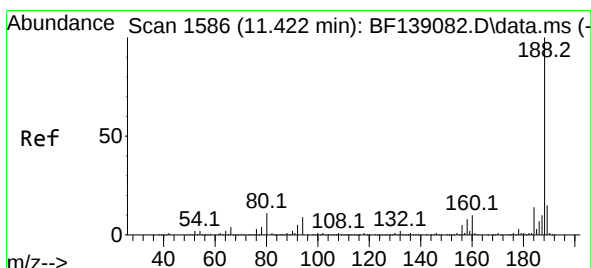
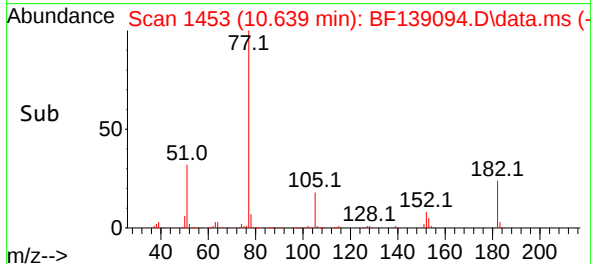
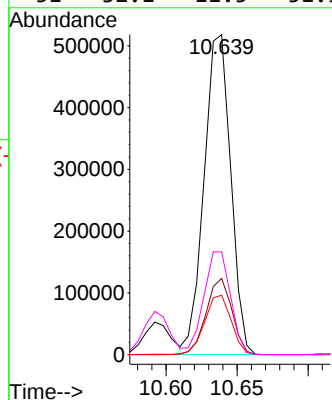
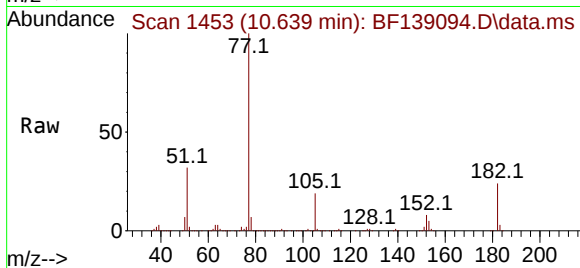
Ion Ratio Lower Upper

77 100

182 23.8 4.0 44.0

105 18.6 0.0 39.1

51 32.1 11.5 51.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

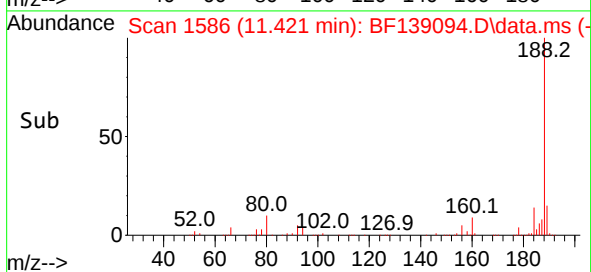
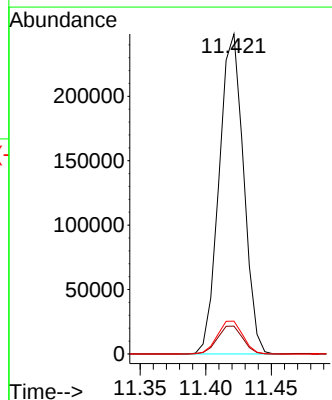
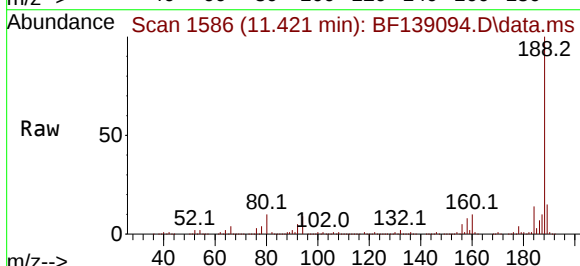
Tgt Ion:188 Resp: 321854

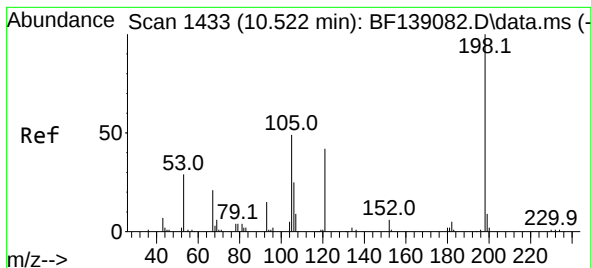
Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

80 10.3 8.5 12.7

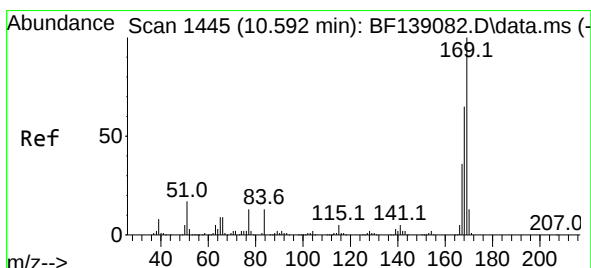
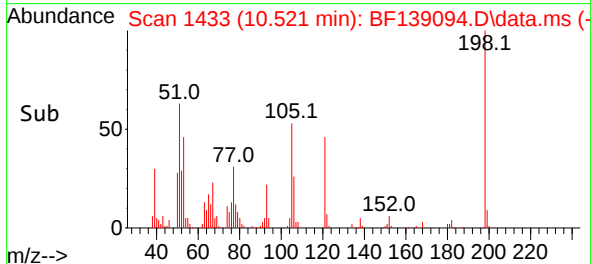
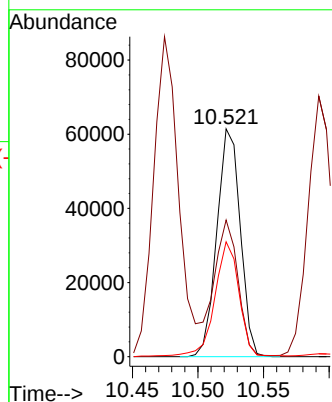
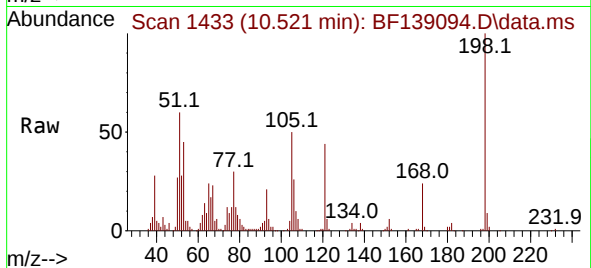




#65
4,6-Dinitro-2-methylphenol
Concen: 60.322 ng
RT: 10.521 min Scan# 1433
Delta R.T. -0.001 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

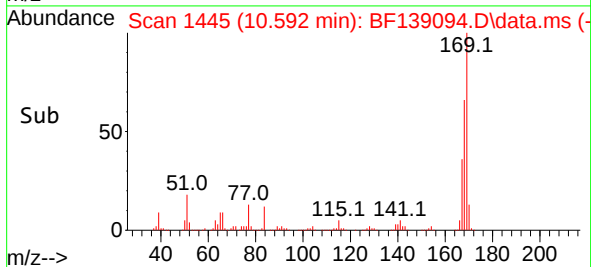
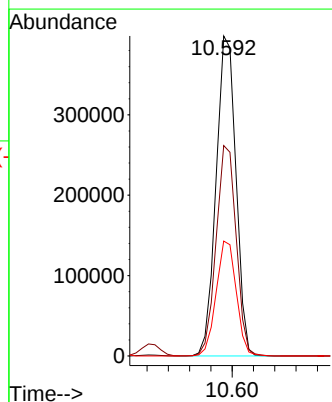
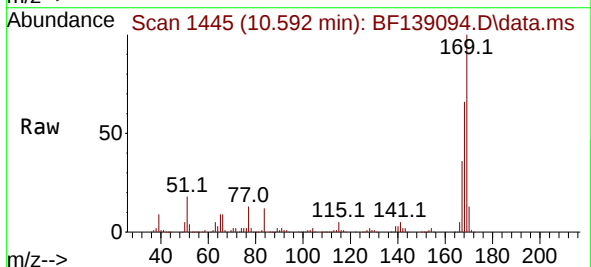
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

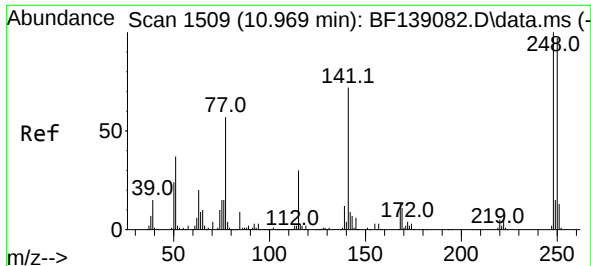
Tgt Ion:198 Resp: 76116
Ion Ratio Lower Upper
198 100
51 60.0 40.8 80.8
105 50.4 30.9 70.9



#66
n-Nitrosodiphenylamine
Concen: 54.073 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:169 Resp: 514960
Ion Ratio Lower Upper
169 100
168 65.7 52.4 78.6
167 35.9 28.6 43.0

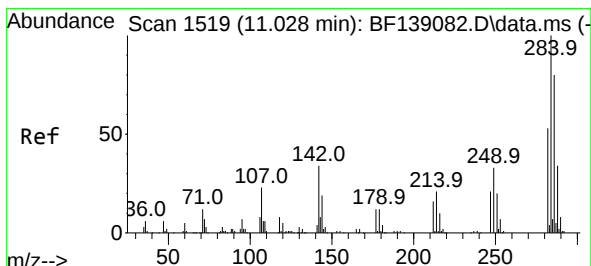
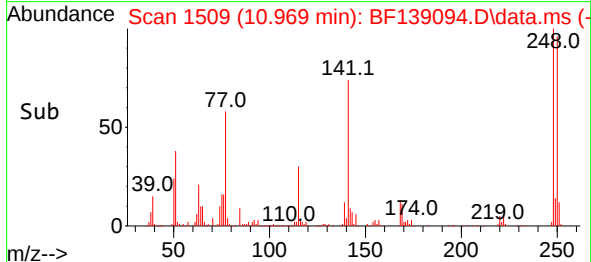
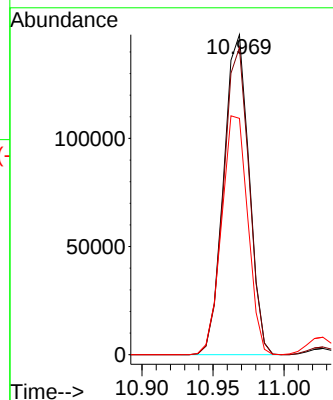
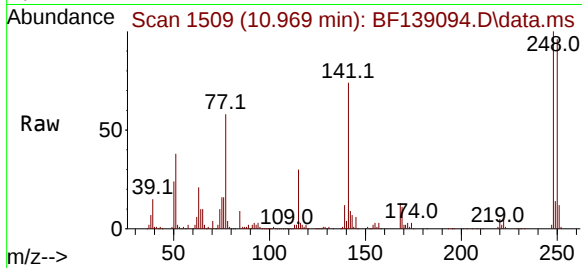




#67
4-Bromophenyl-phenylether
Concen: 54.014 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

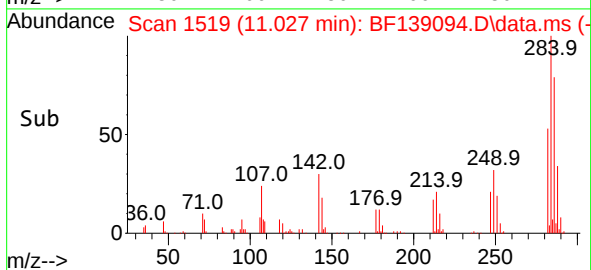
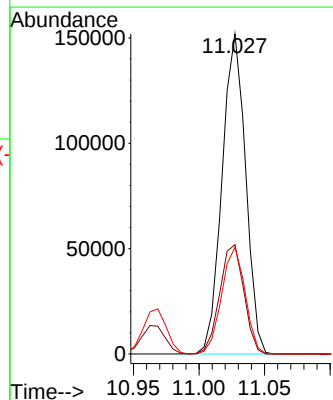
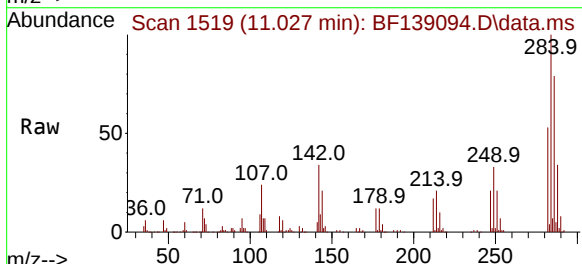
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

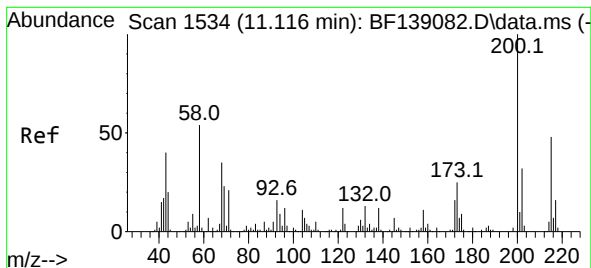
Tgt Ion:248 Resp: 184214
Ion Ratio Lower Upper
248 100
250 96.0 77.8 116.8
141 73.8 57.9 86.9



#68
Hexachlorobenzene
Concen: 51.668 ng
RT: 11.027 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:284 Resp: 189045
Ion Ratio Lower Upper
284 100
142 34.2 27.1 40.7
249 33.3 26.8 40.2





#69

Atrazine

Concen: 57.028 ng

RT: 11.121 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

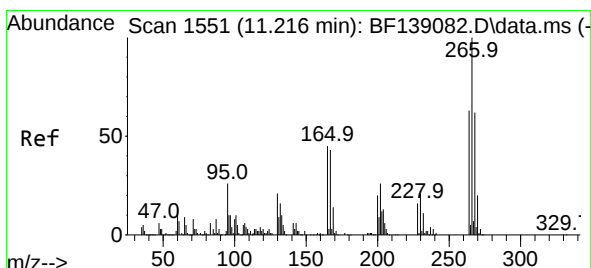
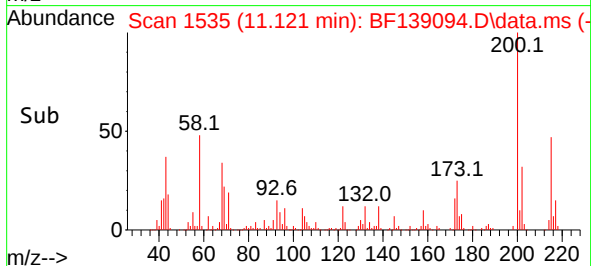
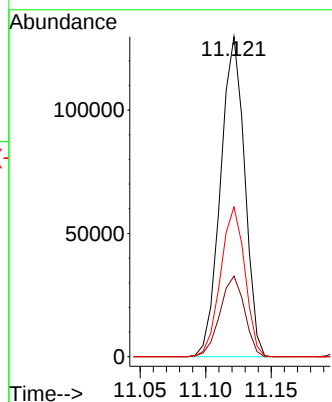
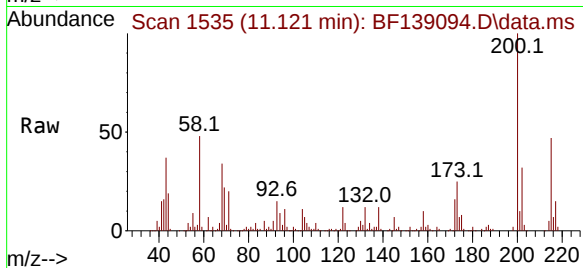
Tgt Ion:200 Resp: 165867

Ion Ratio Lower Upper

200 100

173 25.2 5.2 45.2

215 46.8 27.9 67.9



#70

Pentachlorophenol

Concen: 98.058 ng

RT: 11.221 min Scan# 1552

Delta R.T. 0.006 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

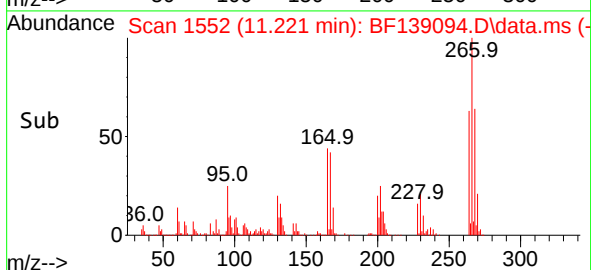
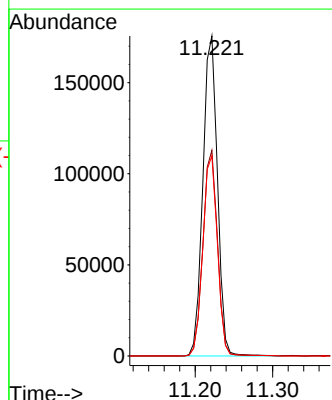
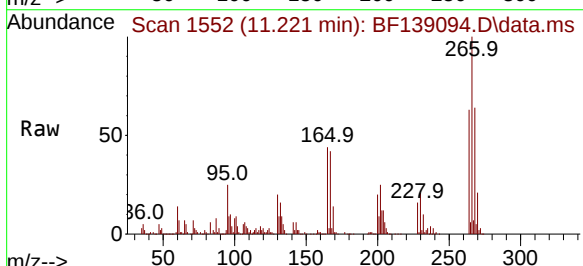
Tgt Ion:266 Resp: 229182

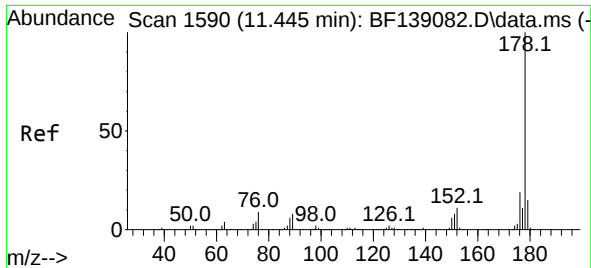
Ion Ratio Lower Upper

266 100

268 64.3 49.5 74.3

264 62.6 50.0 75.0

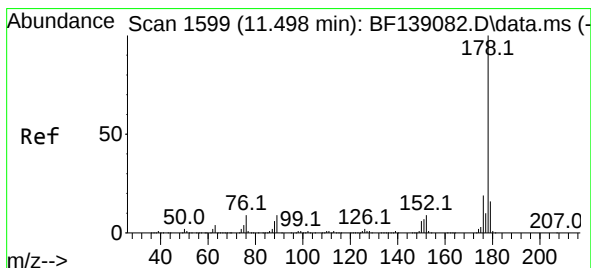
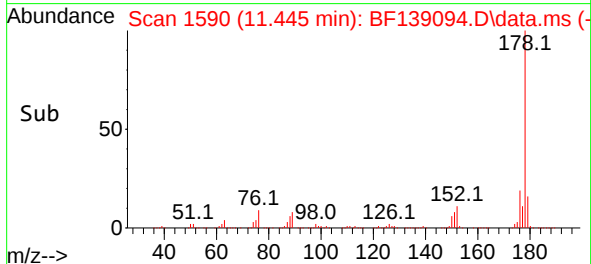
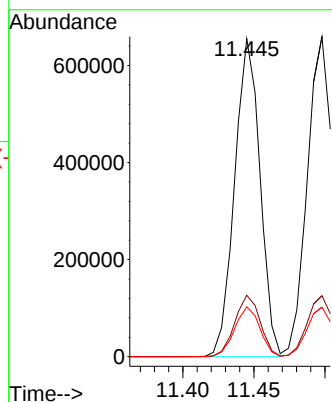
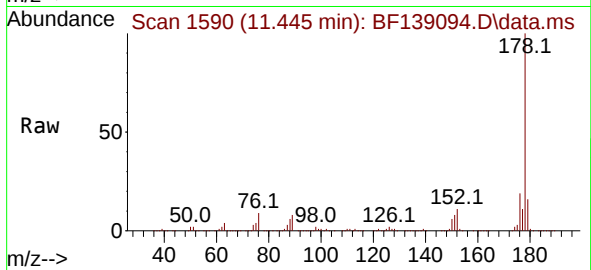




#71
Phenanthrene
Concen: 49.819 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

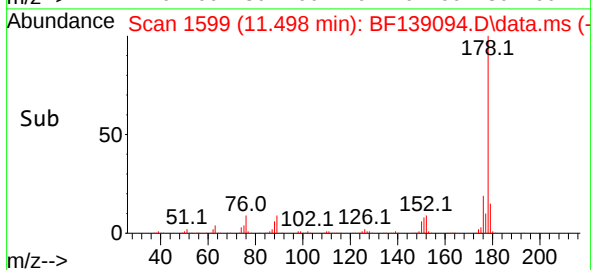
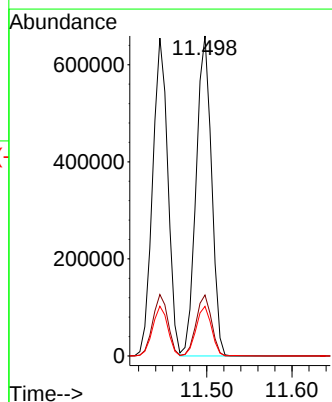
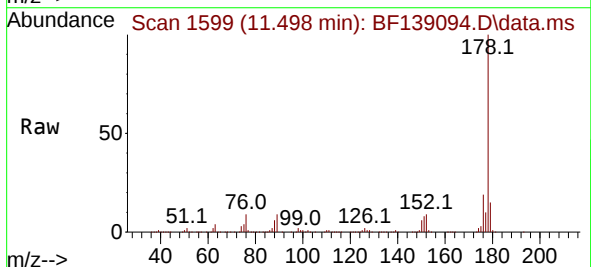
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

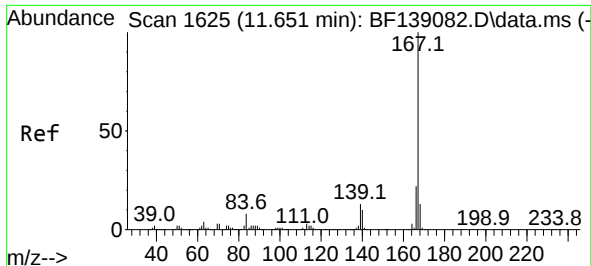
Tgt Ion:178 Resp: 815000
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.6 12.3 18.5



#72
Anthracene
Concen: 51.675 ng
RT: 11.498 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:178 Resp: 826733
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 15.5 12.4 18.6

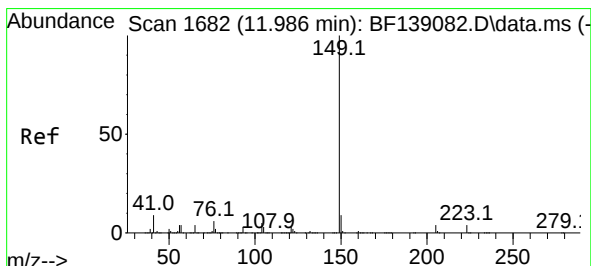
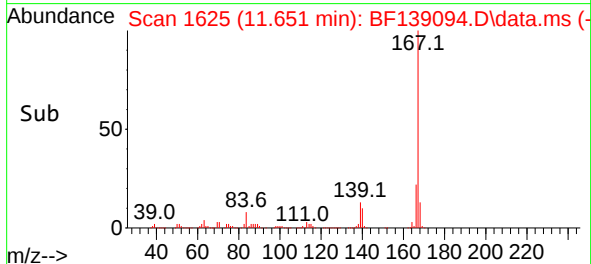
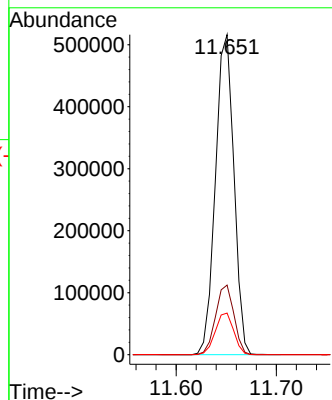
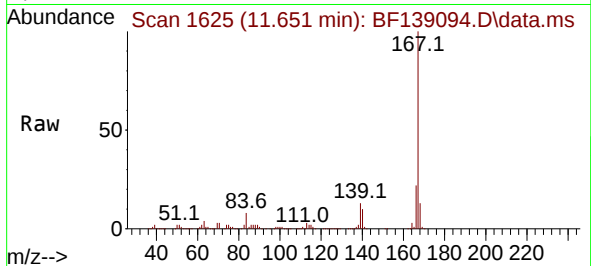




#73
 Carbazole
 Concen: 44.166 ng
 RT: 11.651 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF139094.D
 Acq: 21 Aug 2024 11:22

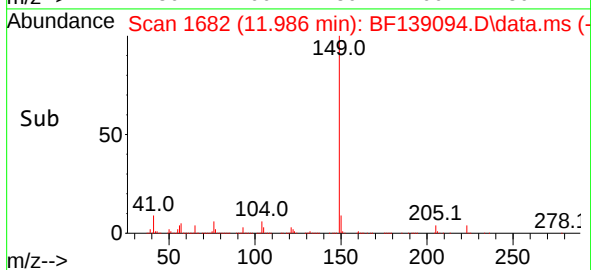
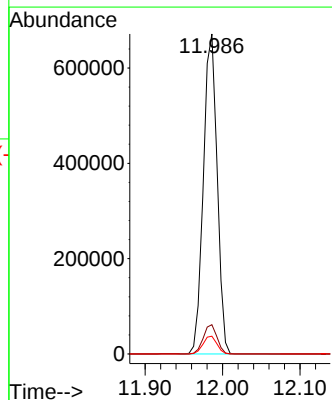
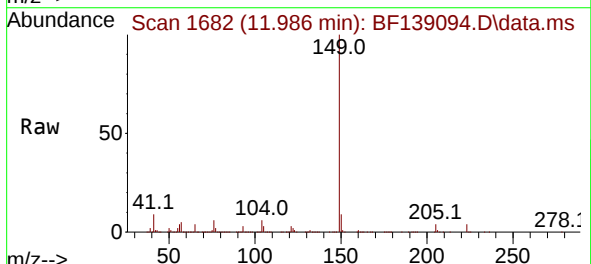
Instrument :
 BNA_F
 ClientSampleId :
 914-J-SD-0-1-081624MS

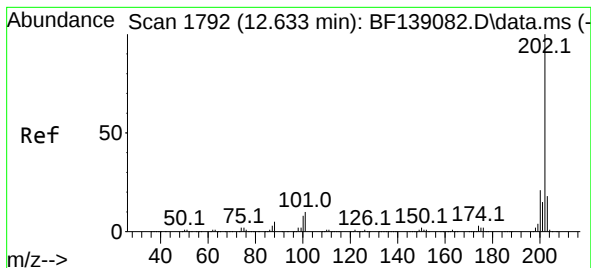
Tgt Ion:167 Resp: 659819
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.0 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 47.822 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: BF139094.D
 Acq: 21 Aug 2024 11:22

Tgt Ion:149 Resp: 828397
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 39.969 ng

RT: 12.633 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

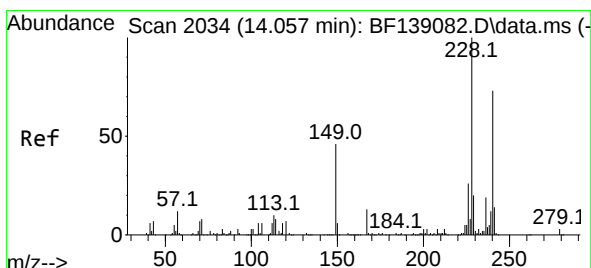
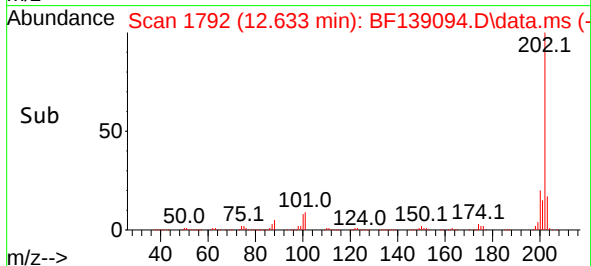
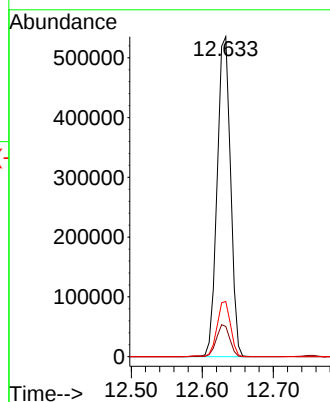
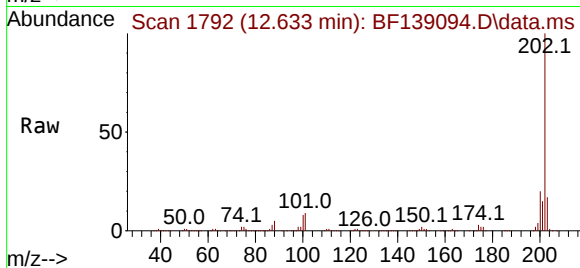
Tgt Ion:202 Resp: 697893

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.2

203 17.2 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

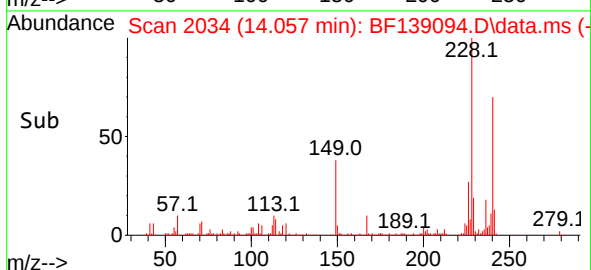
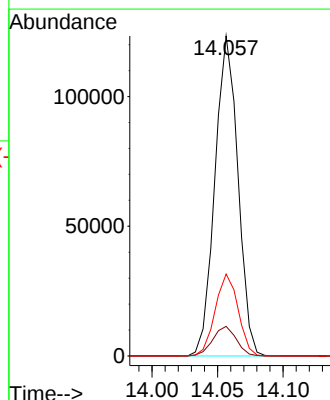
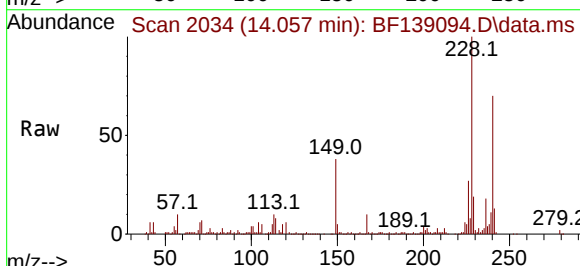
Tgt Ion:240 Resp: 150412

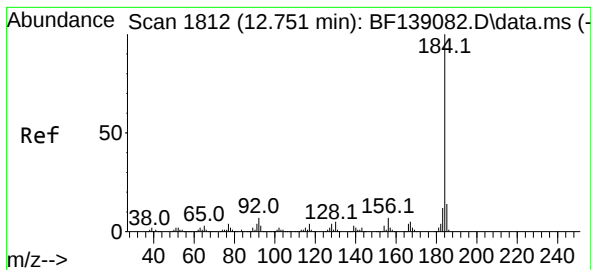
Ion Ratio Lower Upper

240 100

120 9.3 7.8 11.6

236 25.6 20.9 31.3





#77

Benzidine

Concen: 110.942 ng

RT: 12.751 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

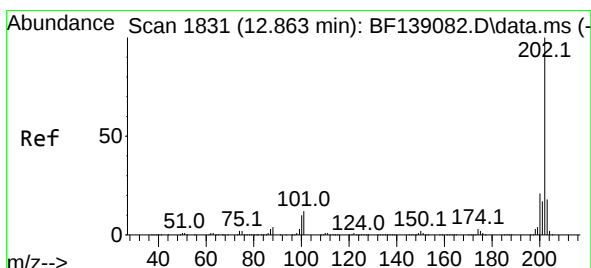
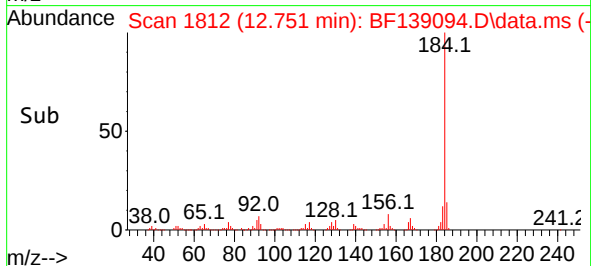
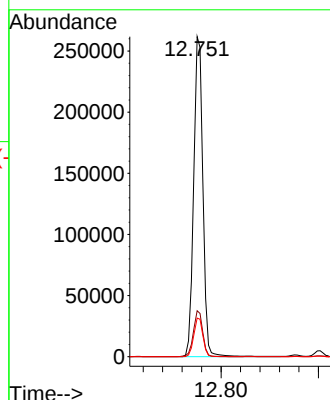
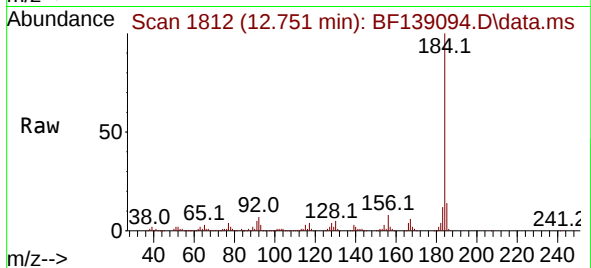
Tgt Ion:184 Resp: 344691

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 12.0 9.8 14.6



#78

Pyrene

Concen: 53.442 ng

RT: 12.857 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

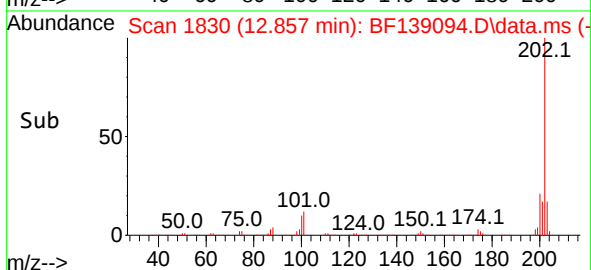
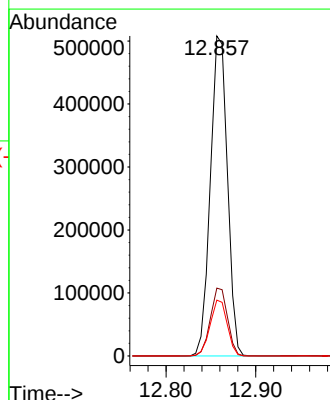
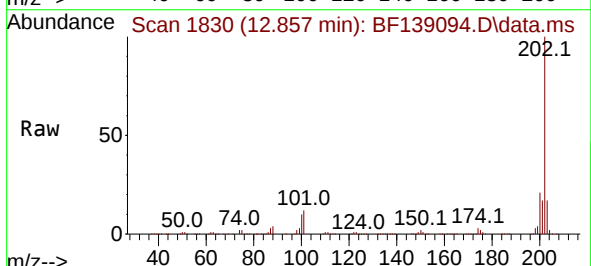
Tgt Ion:202 Resp: 670817

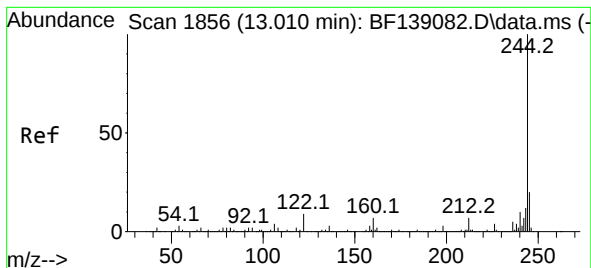
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 47.079 ng

RT: 13.004 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

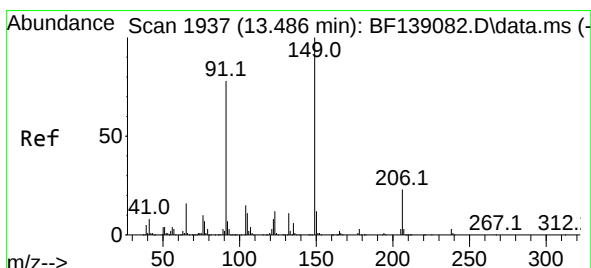
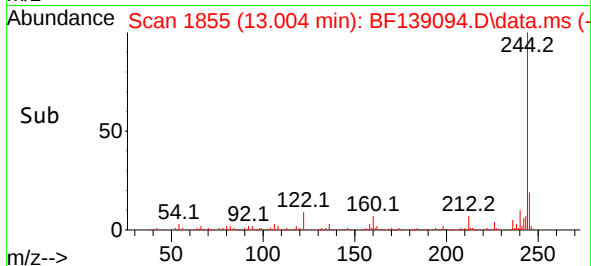
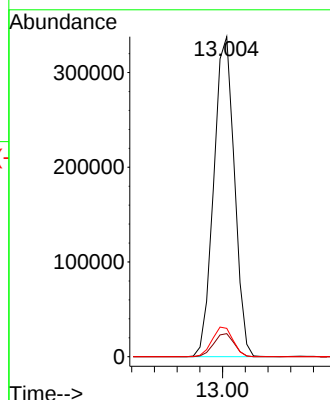
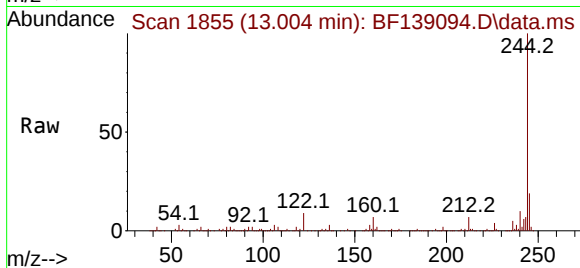
Tgt Ion:244 Resp: 426762

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 8.8 7.6 11.4



#80

Butylbenzylphthalate

Concen: 53.354 ng

RT: 13.480 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

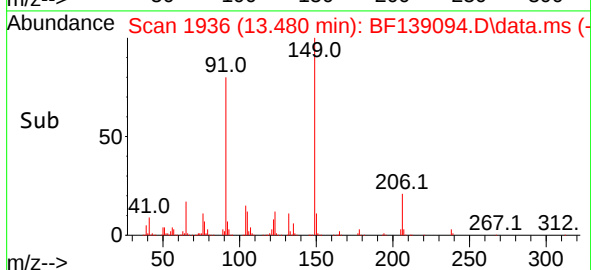
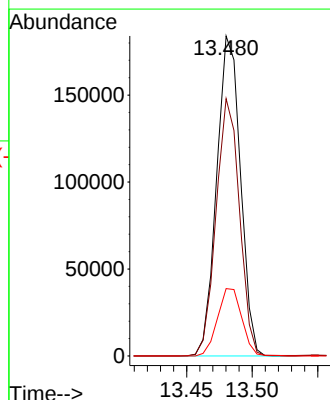
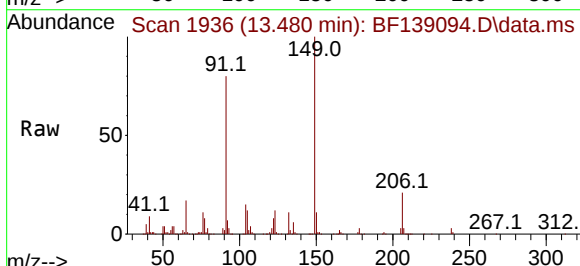
Tgt Ion:149 Resp: 231692

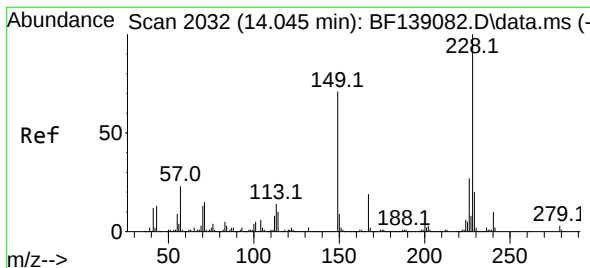
Ion Ratio Lower Upper

149 100

91 80.4 62.1 93.1

206 21.0 18.0 27.0





#81

Benzo(a)anthracene

Concen: 49.985 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

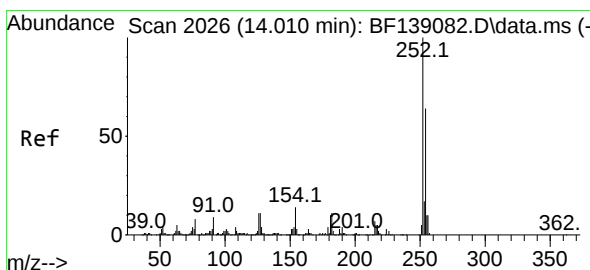
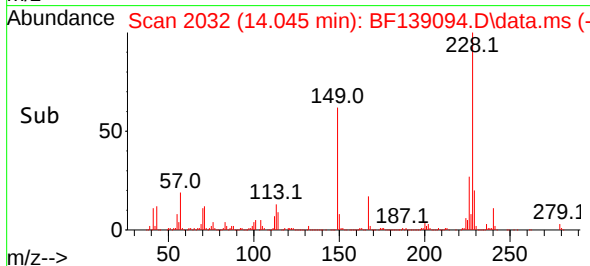
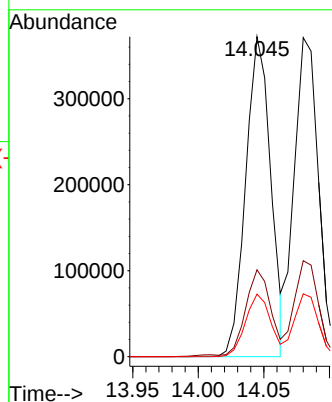
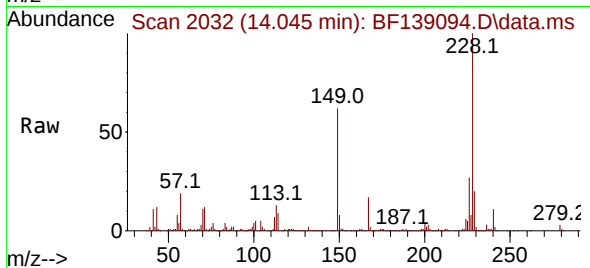
Tgt Ion:228 Resp: 494228

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

229 19.6 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 51.135 ng

RT: 14.009 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

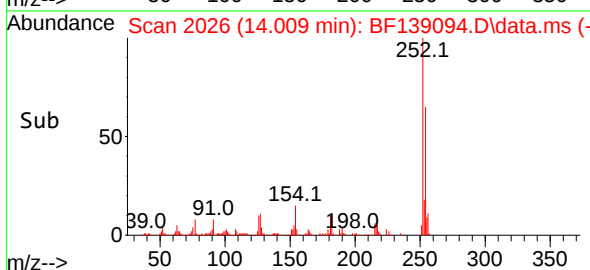
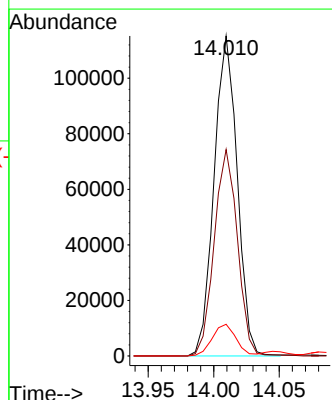
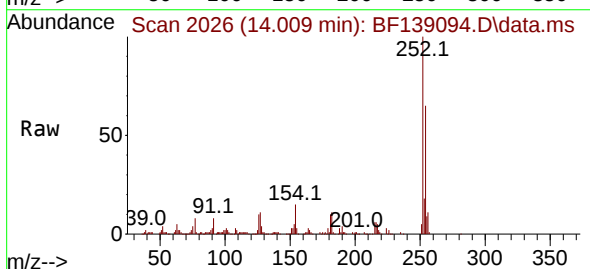
Tgt Ion:252 Resp: 141325

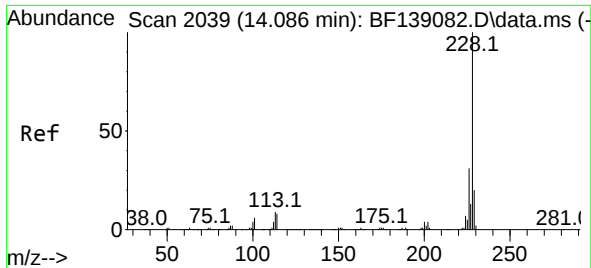
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.0

126 9.9 8.6 12.8





#83

Chrysene

Concen: 52.783 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

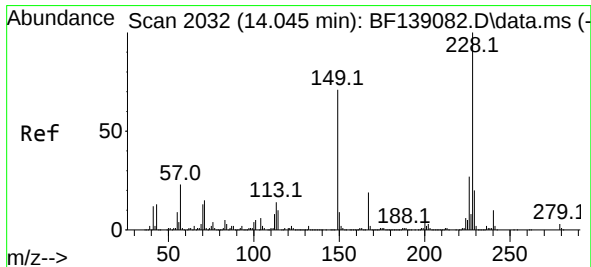
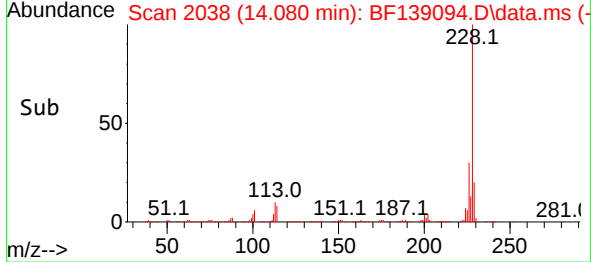
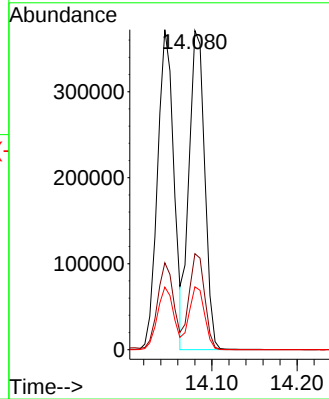
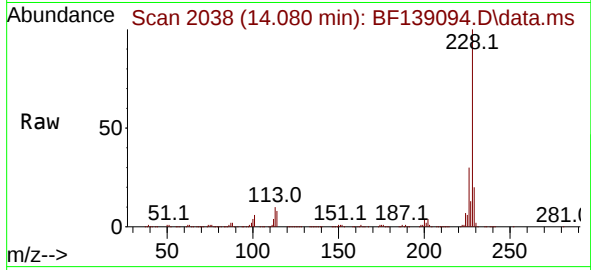
Tgt Ion:228 Resp: 473045

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.752 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

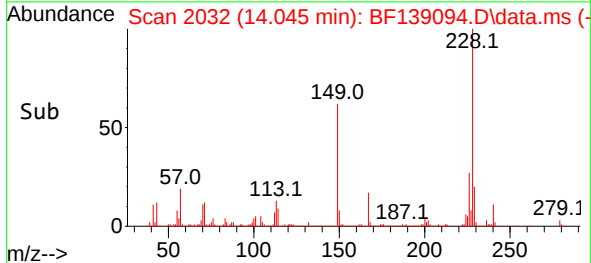
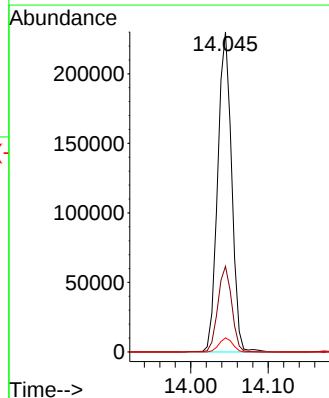
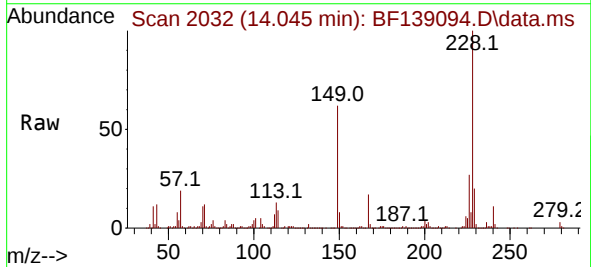
Tgt Ion:149 Resp: 286423

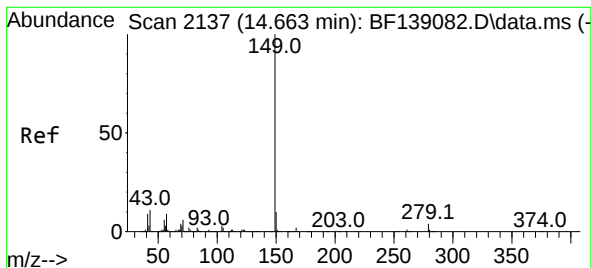
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.6

279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 62.571 ng

RT: 14.662 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

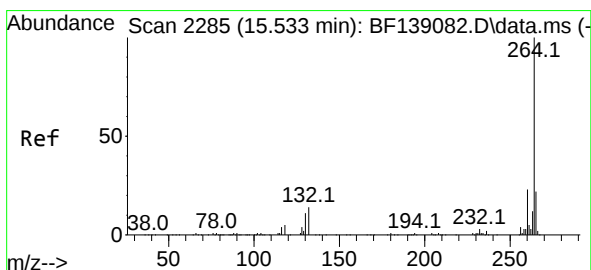
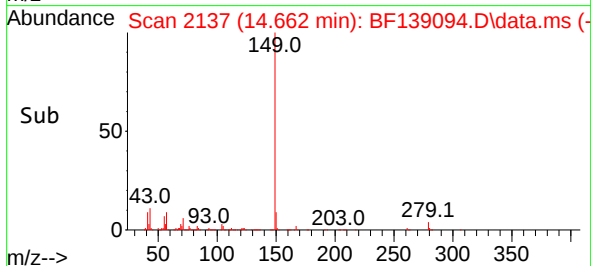
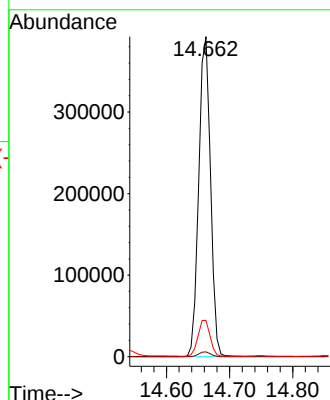
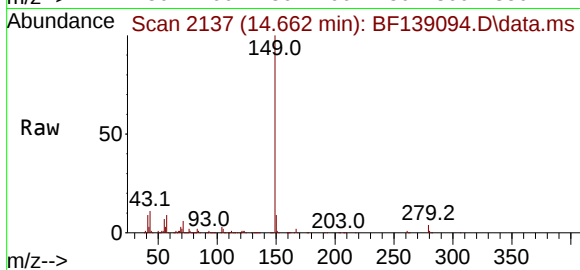
Tgt Ion:149 Resp: 505579

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.5 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

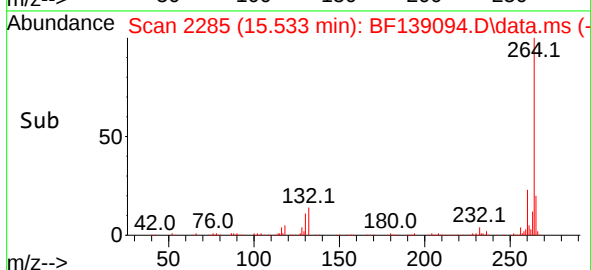
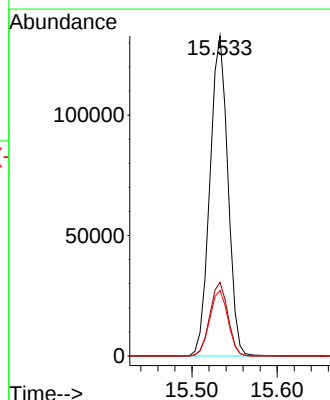
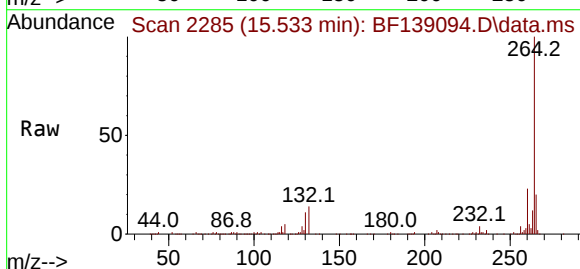
Tgt Ion:264 Resp: 194315

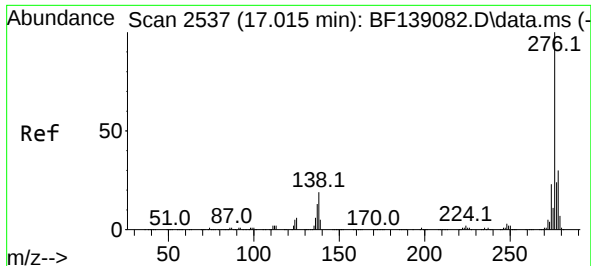
Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

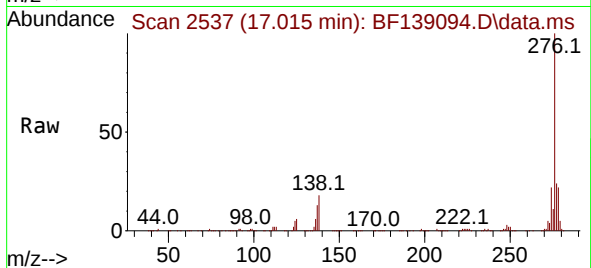
265 20.5 17.4 26.2



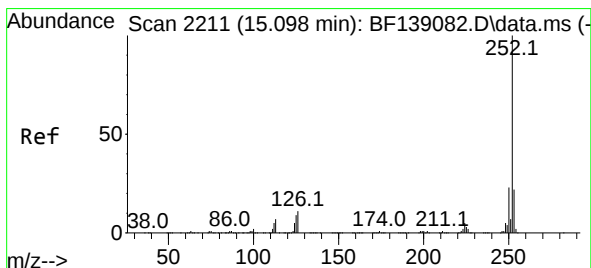
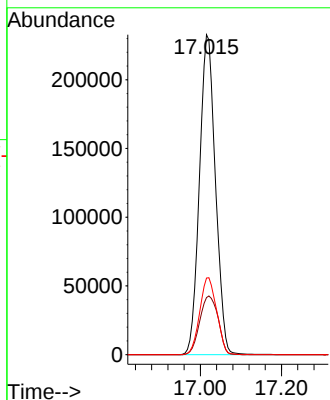
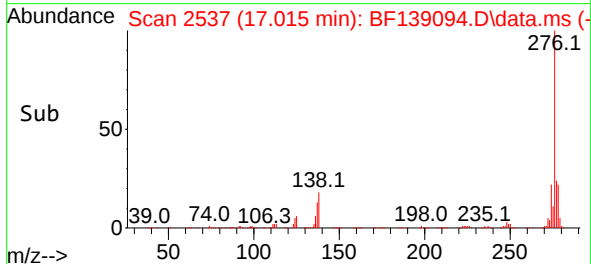


#87
Indeno(1,2,3-cd)pyrene
Concen: 55.911 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

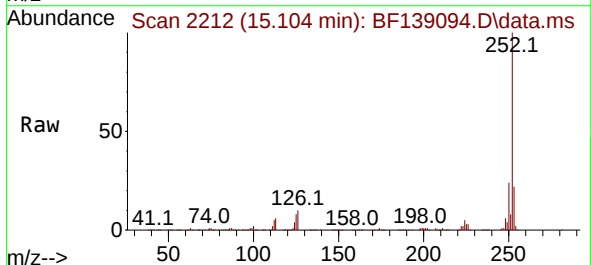
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



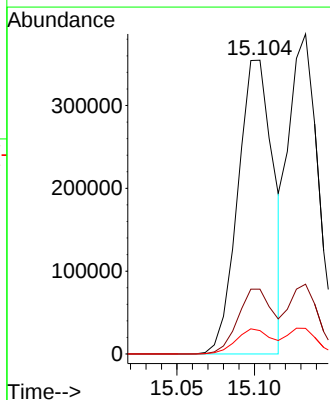
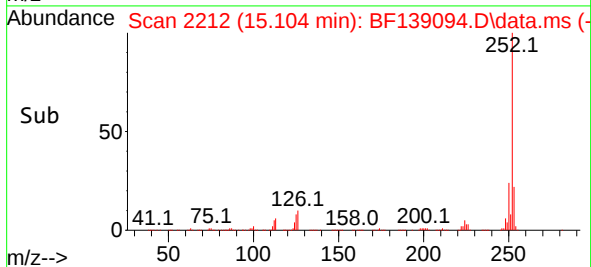
Tgt Ion:276 Resp: 635841
Ion Ratio Lower Upper
276 100
138 21.0 17.3 25.9
277 25.4 20.2 30.4

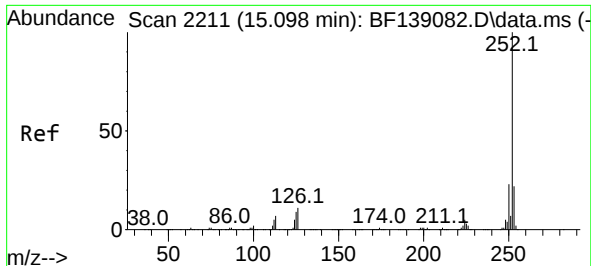


#88
Benzo(b)fluoranthene
Concen: 44.556 ng
RT: 15.104 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22



Tgt Ion:252 Resp: 564433
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 47.959 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139094.D

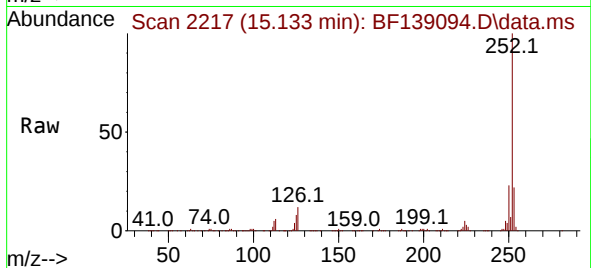
Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS



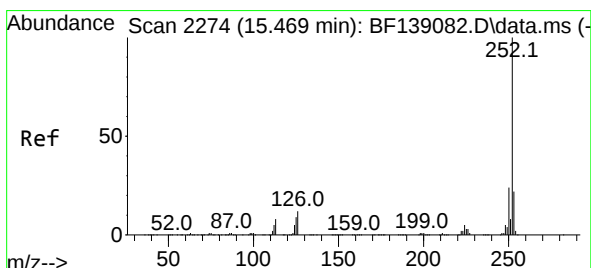
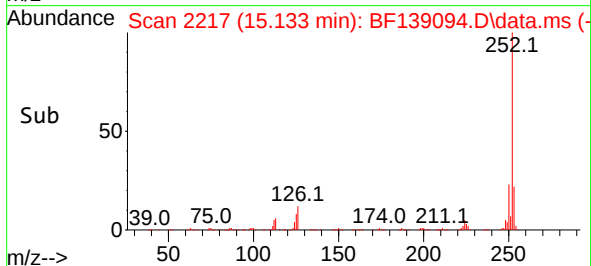
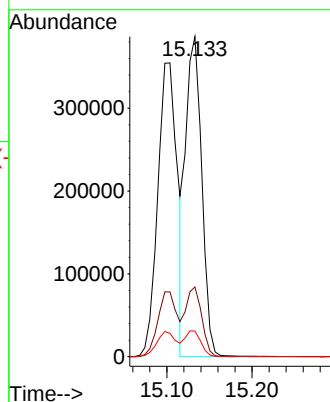
Tgt Ion:252 Resp: 506016

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.0 7.0 10.6



#90

Benzo(a)pyrene

Concen: 52.839 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

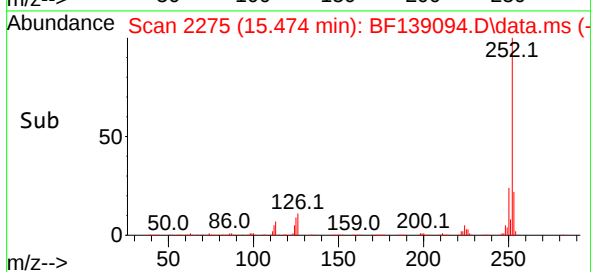
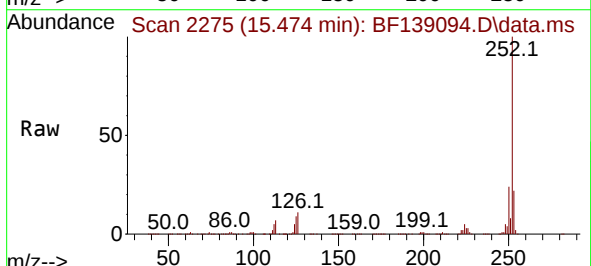
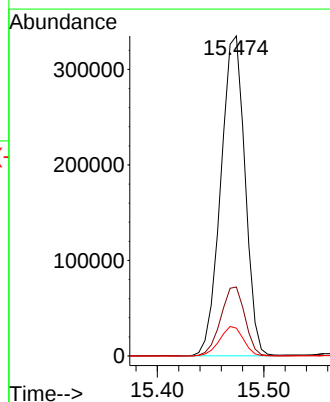
Tgt Ion:252 Resp: 528916

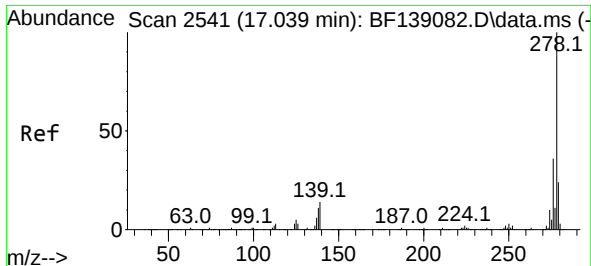
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 8.7 7.4 11.2

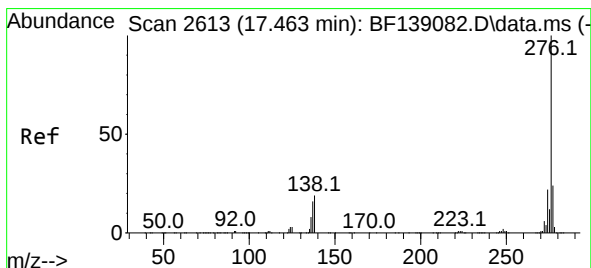
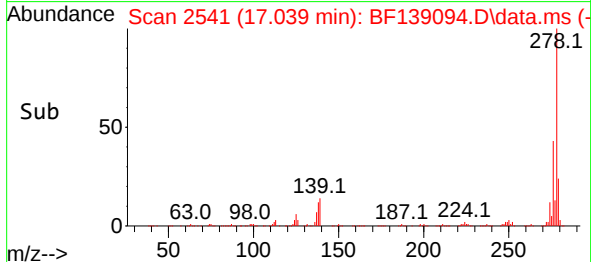
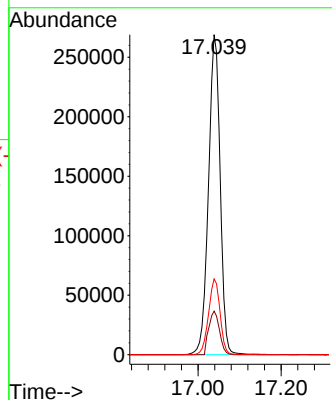
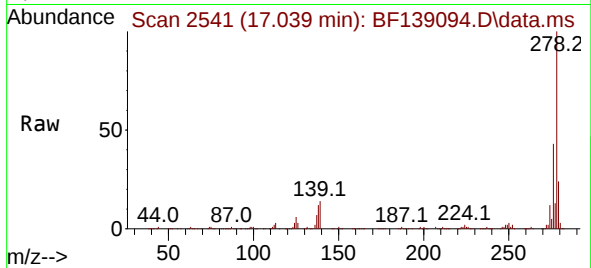




#91
Dibenzo(a,h)anthracene
Concen: 56.260 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

Tgt Ion:278 Resp: 525212
Ion Ratio Lower Upper
278 100
139 13.6 10.8 16.2
279 23.7 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 43.181 ng
RT: 17.468 min Scan# 2614
Delta R.T. 0.005 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:276 Resp: 457380
Ion Ratio Lower Upper
276 100
277 23.2 18.8 28.2
138 17.1 15.0 22.4

