

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
 Data File : BF139113.D
 Acq On : 22 Aug 2024 10:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 22 11:00:22 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	92822	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	343989	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	206423	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	374434	20.000	ng	0.00
76) Chrysene-d12	14.057	240	220430	20.000	ng	0.00
86) Perylene-d12	15.533	264	197324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	483418	80.126	ng	0.00
7) Phenol-d6	6.522	99	639495	82.032	ng	0.00
23) Nitrobenzene-d5	7.463	82	591949	100.273	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	177903	95.201	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1058054	81.324	ng	0.00
79) Terphenyl-d14	13.004	244	1225485	92.249	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	105184	40.647	ng	99
3) Pyridine	3.440	79	272344	41.416	ng	100
4) n-Nitrosodimethylamine	3.398	42	154929	39.002	ng	99
6) Aniline	6.563	93	300421	42.688	ng	99
8) 2-Chlorophenol	6.681	128	237791	40.978	ng	99
9) Benzaldehyde	6.451	77	189909	41.537	ng	100
10) Phenol	6.539	94	339518	41.857	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	244710	37.514	ng	99
12) 1,3-Dichlorobenzene	6.839	146	283295	40.604	ng	100
13) 1,4-Dichlorobenzene	6.916	146	284066	40.721	ng	99
14) 1,2-Dichlorobenzene	7.069	146	266108	41.739	ng	99
15) Benzyl Alcohol	7.039	79	258007	41.875	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	354062	38.532	ng	99
17) 2-Methylphenol	7.145	107	204934	41.280	ng	99
18) Hexachloroethane	7.410	117	101144	41.348	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	203939	39.836	ng	99
20) 3+4-Methylphenols	7.298	107	268466	41.738	ng	99
22) Acetophenone	7.310	105	363970	41.440	ng	98
24) Nitrobenzene	7.481	77	313650	47.800	ng	100
25) Isophorone	7.716	82	529368	42.189	ng	100
26) 2-Nitrophenol	7.798	139	113312	49.343	ng	96
27) 2,4-Dimethylphenol	7.828	122	166026	41.727	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	298794	40.755	ng	100
29) 2,4-Dichlorophenol	8.033	162	211374	42.642	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	238360	41.066	ng	99
31) Naphthalene	8.204	128	720491	41.332	ng	100
32) Benzoic acid	7.933	122	165884	49.705	ng	96
33) 4-Chloroaniline	8.251	127	255271	42.759	ng	99
34) Hexachlorobutadiene	8.322	225	154987	40.877	ng	99
35) Caprolactam	8.622	113	69828	44.432	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	238684	43.488	ng	98
37) 2-Methylnaphthalene	8.892	142	474576	42.445	ng	98
38) 1-Methylnaphthalene	8.992	142	452216	41.906	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	239663	42.331	ng	99
41) Hexachlorocyclopentadiene	9.045	237	97792	45.024	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	164164	43.045	ng	99

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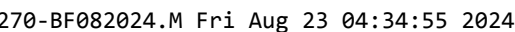
Instrument :
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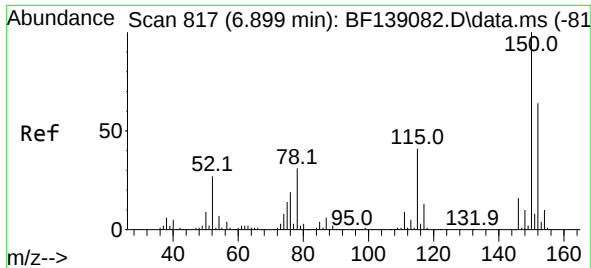
Quant Time: Aug 22 11:00:22 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	167343	42.748	ng	99
46) 1,1'-Biphenyl	9.357	154	592499	41.901	ng	99
47) 2-Chloronaphthalene	9.380	162	464740	40.449	ng	99
48) 2-Nitroaniline	9.475	65	157692	47.900	ng	97
49) Acenaphthylene	9.798	152	685859	41.671	ng	100
50) Dimethylphthalate	9.657	163	556884	43.698	ng	100
51) 2,6-Dinitrotoluene	9.716	165	124713	48.715	ng	98
52) Acenaphthene	9.969	154	462561	42.546	ng	100
53) 3-Nitroaniline	9.886	138	118521	46.014	ng #	98
54) 2,4-Dinitrophenol	9.986	184	52107	56.704	ng	93
55) Dibenzofuran	10.139	168	670273	42.445	ng	99
56) 4-Nitrophenol	10.033	139	97778	50.759	ng	99
57) 2,4-Dinitrotoluene	10.116	165	165368	51.187	ng	96
58) Fluorene	10.486	166	530192	42.012	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	144914	46.105	ng	99
60) Diethylphthalate	10.357	149	560571	44.395	ng	99
61) 4-Chlorophenyl-phenyle...	10.474	204	266663	42.308	ng	99
62) 4-Nitroaniline	10.498	138	123431	47.251	ng	98
63) Azobenzene	10.639	77	605902	43.180	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	79475	55.789	ng	88
66) n-Nitrosodiphenylamine	10.592	169	456509	41.204	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	167500	42.217	ng	97
68) Hexachlorobenzene	11.027	284	180097	42.310	ng	99
69) Atrazine	11.121	200	144972	42.845	ng	99
70) Pentachlorophenol	11.222	266	128891	47.403	ng	98
71) Phenanthrene	11.445	178	773264	40.630	ng	100
72) Anthracene	11.498	178	763654	41.029	ng	100
73) Carbazole	11.651	167	700649	40.313	ng	100
74) Di-n-butylphthalate	11.986	149	861743	42.761	ng	99
75) Fluoranthene	12.633	202	812716	40.009	ng	99
77) Benzidine	12.751	184	249442	54.783	ng	99
78) Pyrene	12.863	202	812250	44.155	ng	100
80) Butylbenzylphthalate	13.480	149	302466	47.527	ng	97
81) Benzo(a)anthracene	14.045	228	612966	42.302	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	179919	44.421	ng	99
83) Chrysene	14.086	228	539940	41.110	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	397307	47.092	ng	100
85) Di-n-octyl phthalate	14.657	149	568765	48.032	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	520345	45.057	ng	100
88) Benzo(b)fluoranthene	15.104	252	518806	40.329	ng	99
89) Benzo(k)fluoranthene	15.133	252	460417	42.972	ng	99
90) Benzo(a)pyrene	15.468	252	428665	42.171	ng	100
91) Dibenzo(a,h)anthracene	17.039	278	433744	45.754	ng	100
92) Benzo(g,h,i)perylene	17.468	276	427561	39.972	ng	100

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

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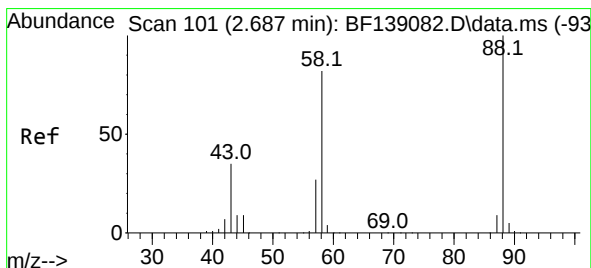
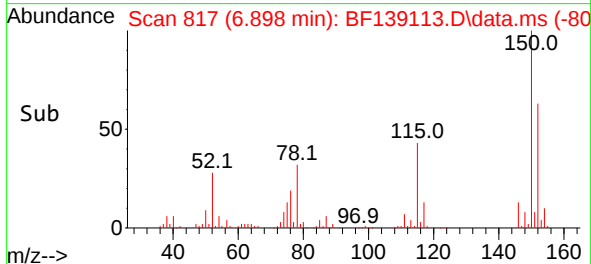
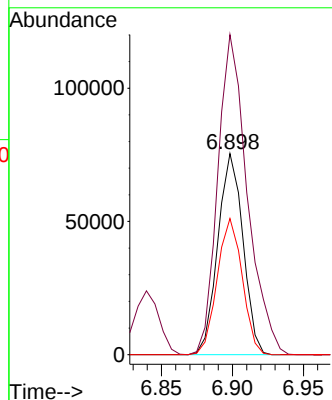
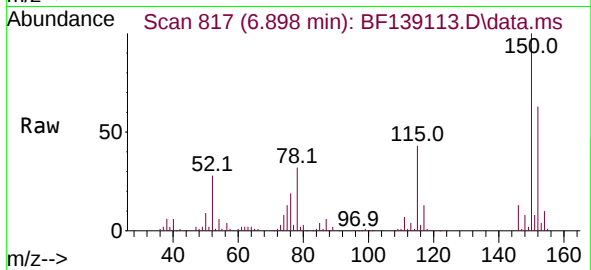




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

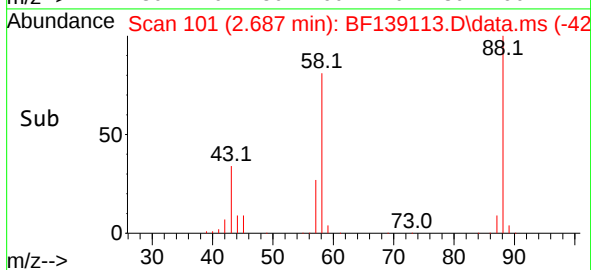
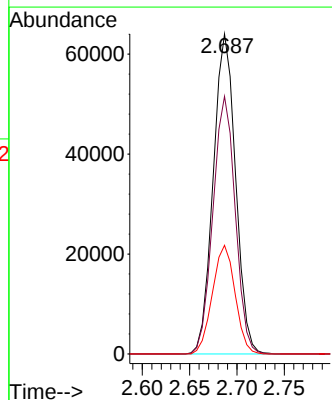
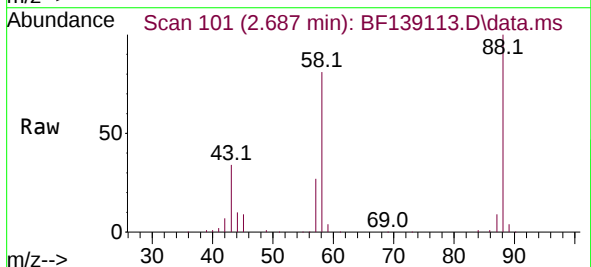
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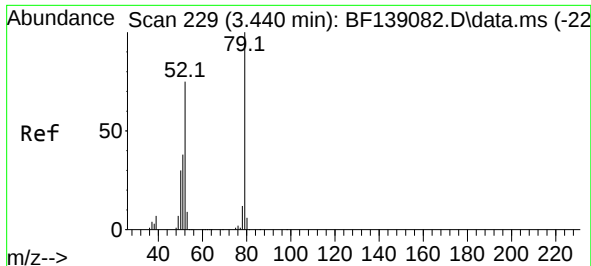
Tgt Ion:152 Resp: 92822
Ion Ratio Lower Upper
152 100
150 159.2 125.1 187.7
115 67.7 51.8 77.6



#2
1,4-Dioxane
Concen: 40.647 ng
RT: 2.687 min Scan# 101
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion: 88 Resp: 105184
Ion Ratio Lower Upper
88 100
58 80.1 65.4 98.0
43 34.4 27.9 41.9





#3

Pyridine

Concen: 41.416 ng

RT: 3.440 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

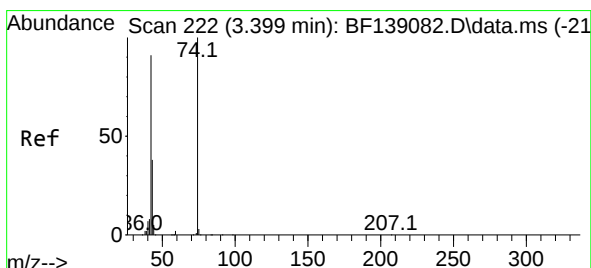
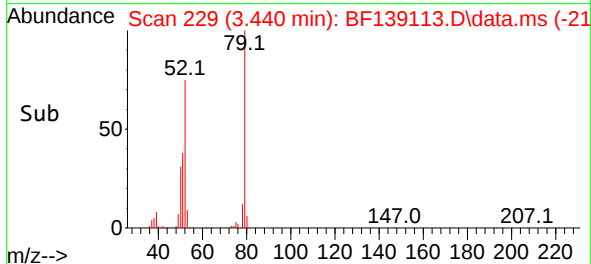
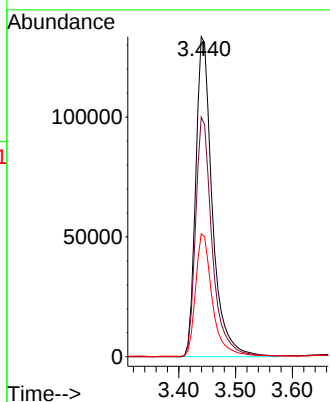
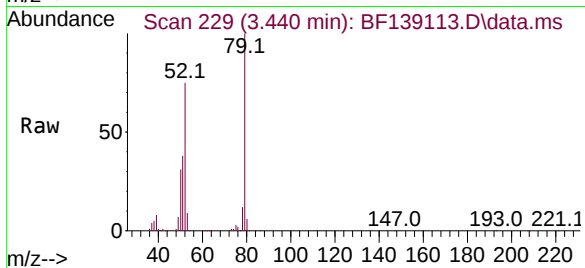
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 272344

Ion	Ratio	Lower	Upper
79	100		
52	74.8	59.7	89.5
51	38.4	30.6	45.8



#4

n-Nitrosodimethylamine

Concen: 39.002 ng

RT: 3.398 min Scan# 222

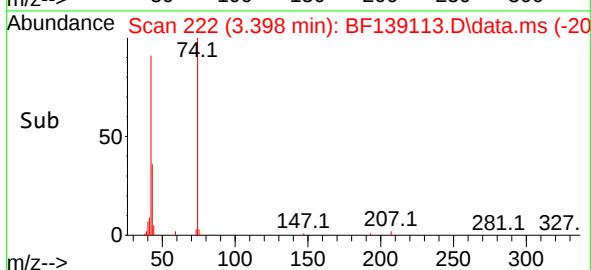
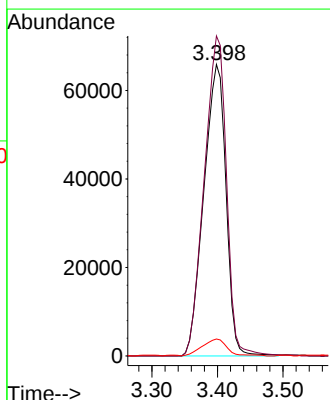
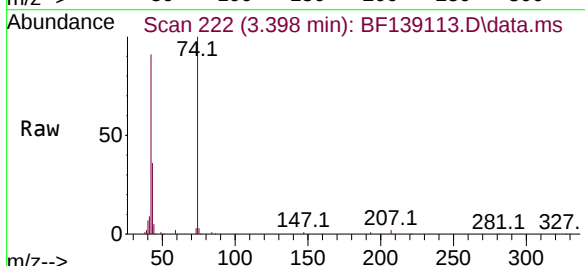
Delta R.T. -0.000 min

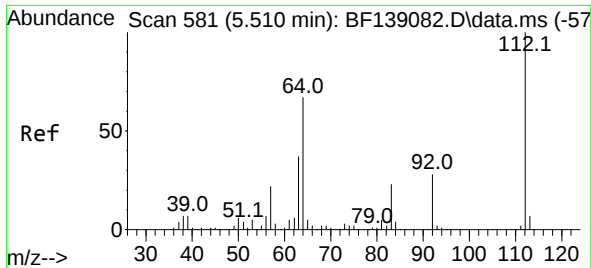
Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Tgt Ion: 42 Resp: 154929

Ion	Ratio	Lower	Upper
42	100		
74	109.8	88.2	132.2
44	5.8	5.4	8.0

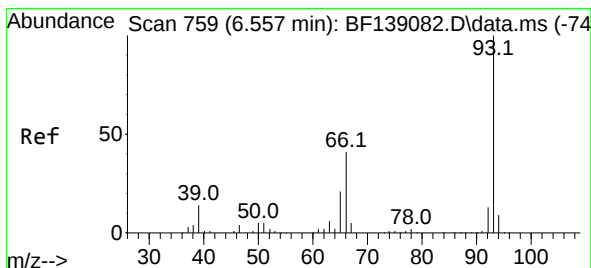
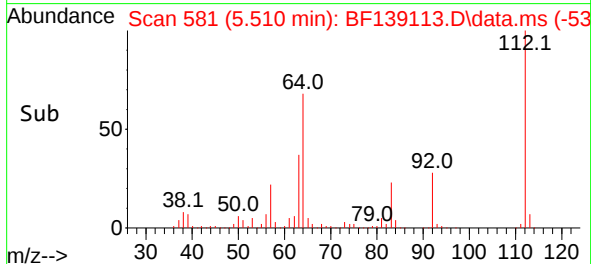
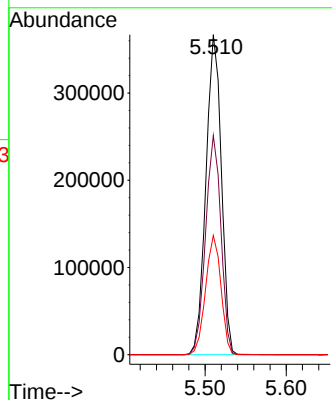
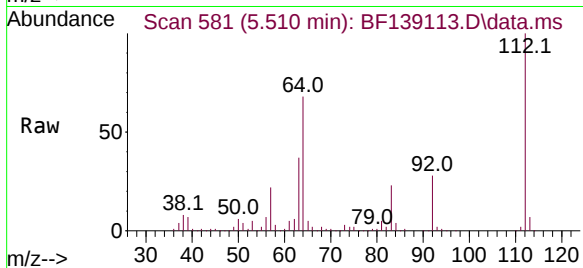




#5
2-Fluorophenol
Concen: 80.126 ng
RT: 5.510 min Scan# 581
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

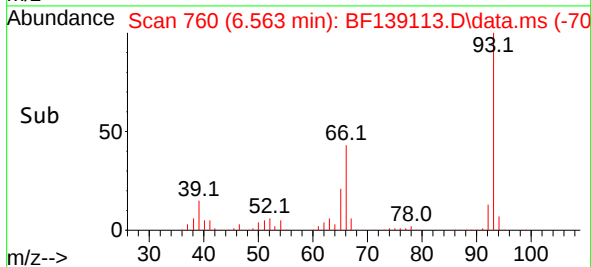
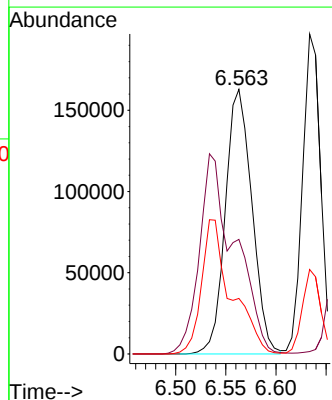
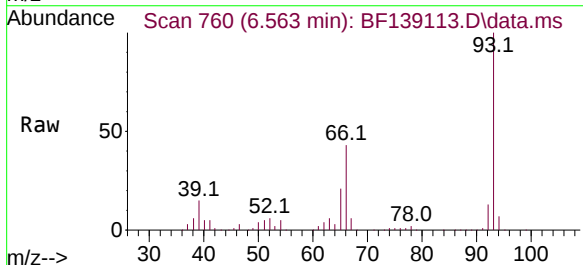
Instrument :
BNA_F
ClientSampleId :
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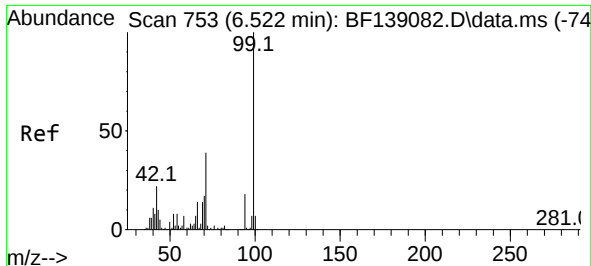
Tgt Ion:112 Resp: 483418
Ion Ratio Lower Upper
112 100
64 68.5 53.8 80.6
63 37.3 29.4 44.2



#6
Aniline
Concen: 42.688 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion: 93 Resp: 300421
Ion Ratio Lower Upper
93 100
66 43.3 35.1 52.7
65 21.0 17.4 26.2





#7

Phenol-d6

Concen: 82.032 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

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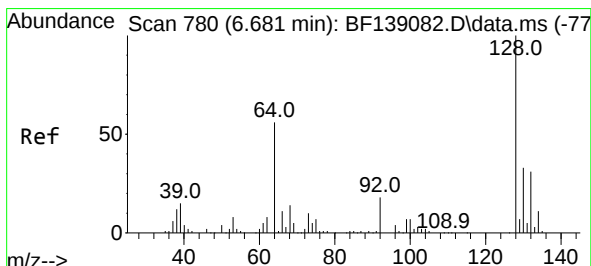
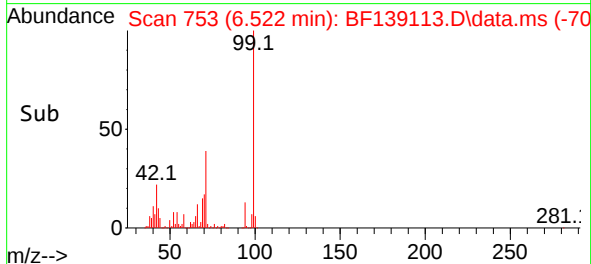
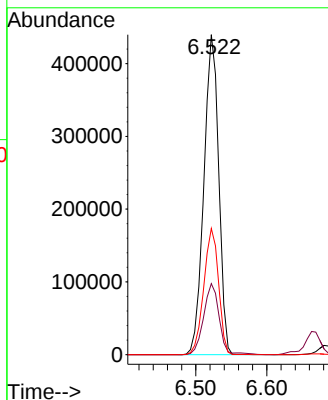
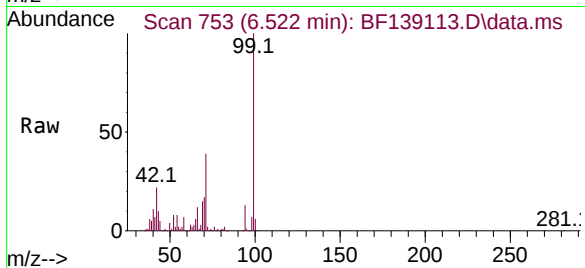
Tgt Ion: 99 Resp: 639495

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.2

71 39.5 31.2 46.8



#8

2-Chlorophenol

Concen: 40.978 ng

RT: 6.681 min Scan# 780

Delta R.T. -0.000 min

Lab File: BF139113.D

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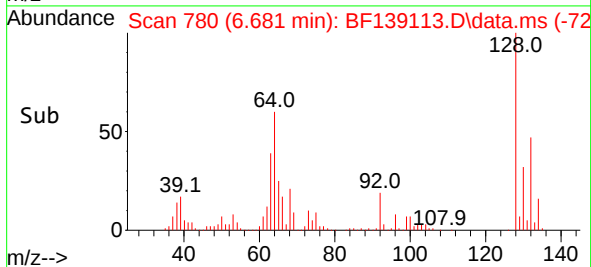
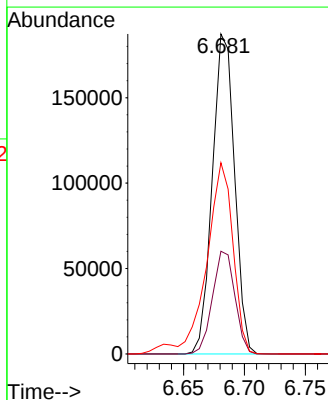
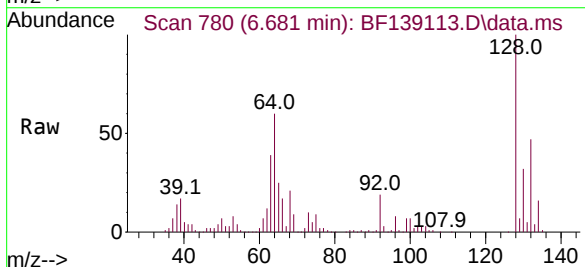
Tgt Ion: 128 Resp: 237791

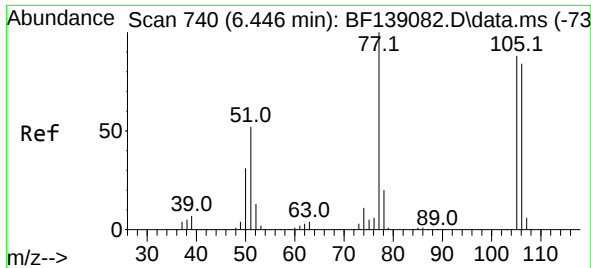
Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

64 59.7 39.1 79.1

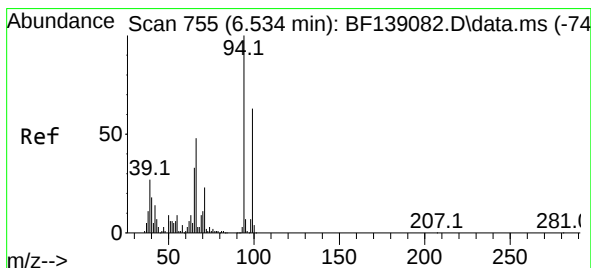
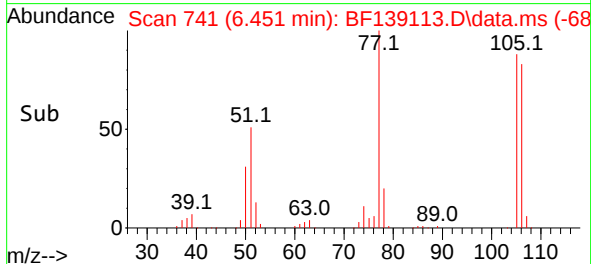
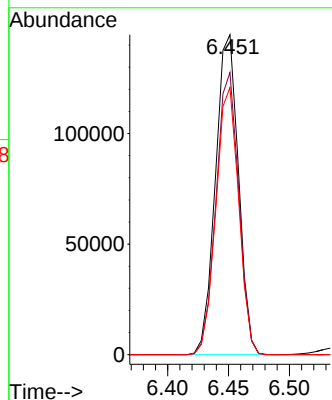
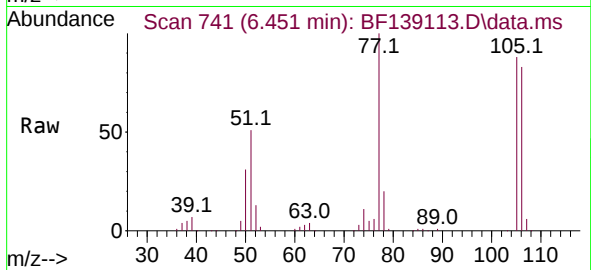




#9
Benzaldehyde
Concen: 41.537 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.005 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

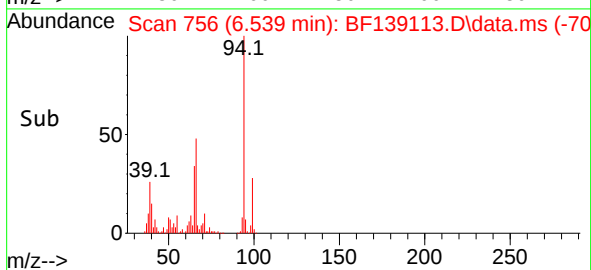
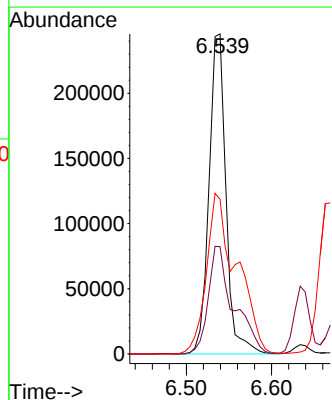
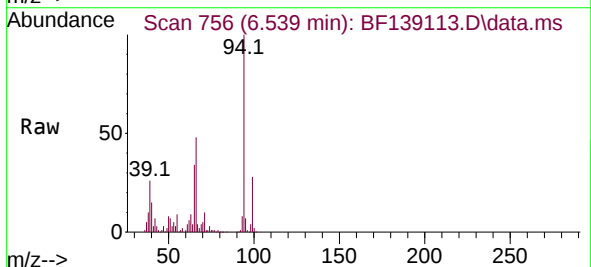
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BNA_F
ClientSampleId :
SSTDCCC040

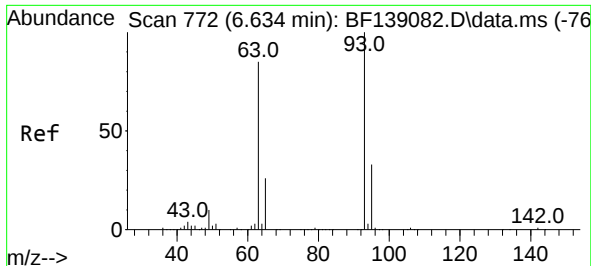
Tgt Ion: 77 Resp: 189909
Ion Ratio Lower Upper
77 100
105 88.2 68.2 108.2
106 83.5 63.8 103.8



#10
Phenol
Concen: 41.857 ng
RT: 6.539 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion: 94 Resp: 339518
Ion Ratio Lower Upper
94 100
65 33.6 13.5 53.5
66 48.3 28.5 68.5

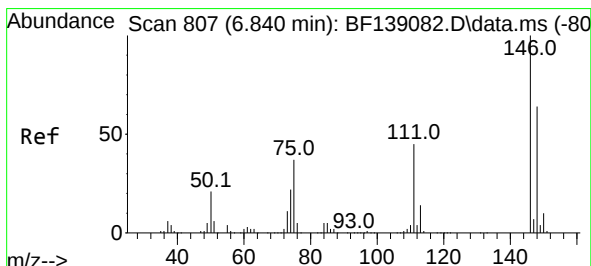
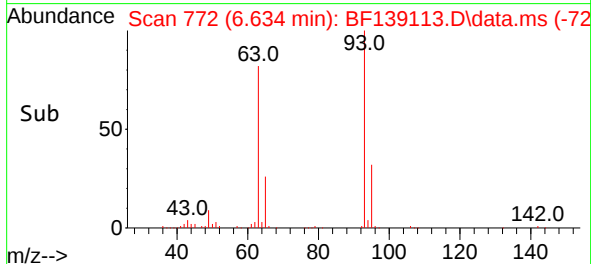
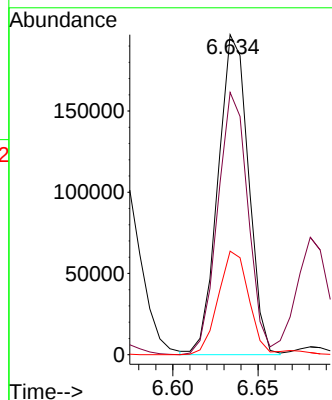
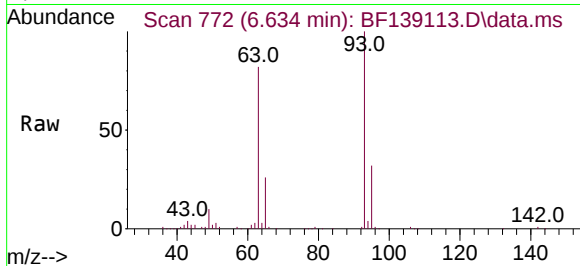




#11
bis(2-Chloroethyl)ether
Concen: 37.514 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

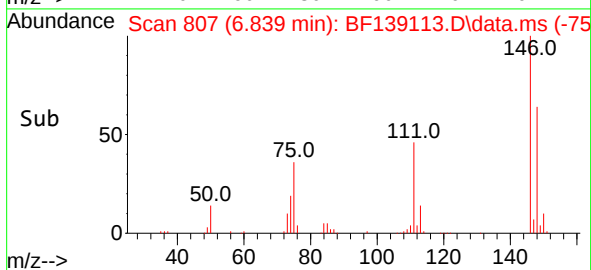
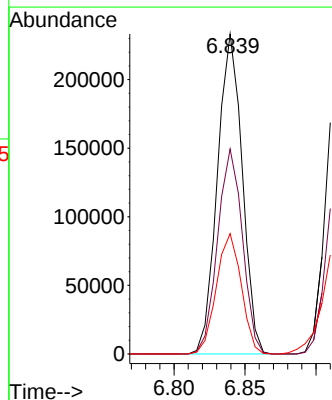
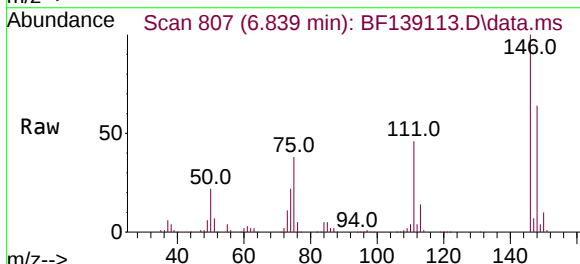
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

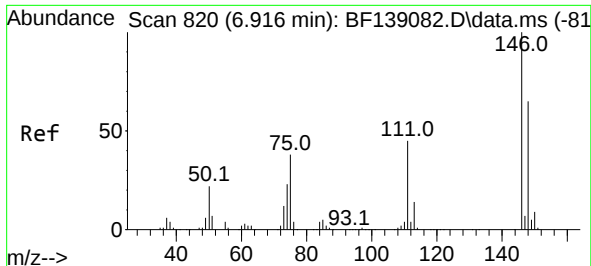
Tgt Ion: 93 Resp: 244710
Ion Ratio Lower Upper
93 100
63 81.9 62.7 102.7
95 32.3 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 40.604 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:146 Resp: 283295
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 37.6 29.9 44.9

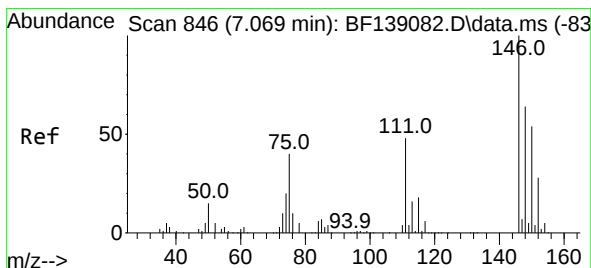
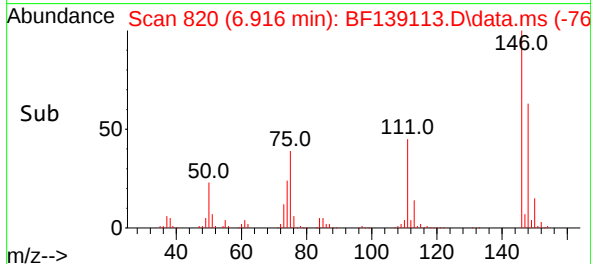
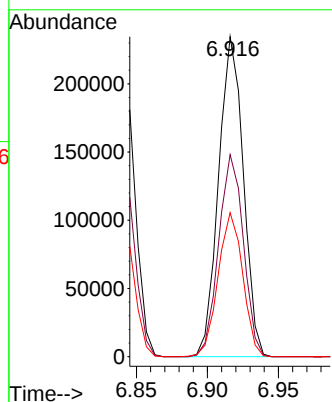
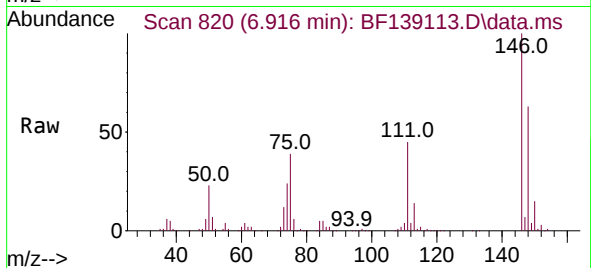




#13
1,4-Dichlorobenzene
Concen: 40.721 ng
RT: 6.916 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

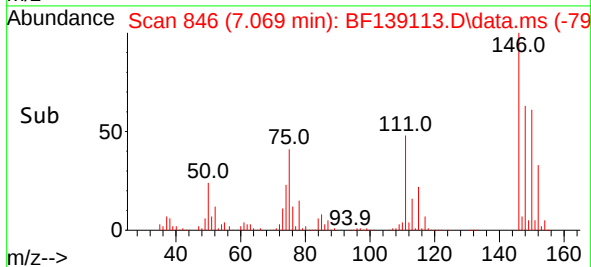
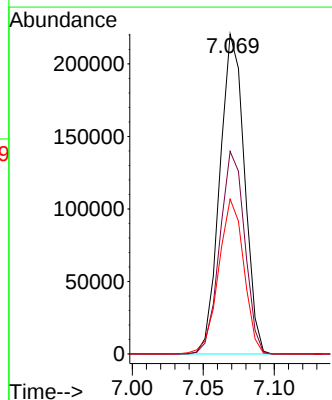
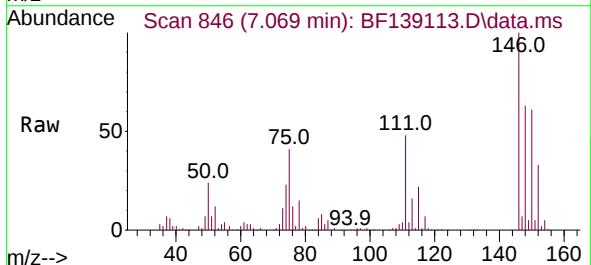
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

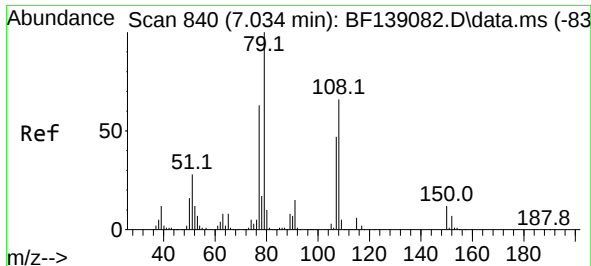
Tgt Ion:146 Resp: 284066
Ion Ratio Lower Upper
146 100
148 63.2 51.9 77.9
111 45.0 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 41.739 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:146 Resp: 266108
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
111 48.4 38.1 57.1

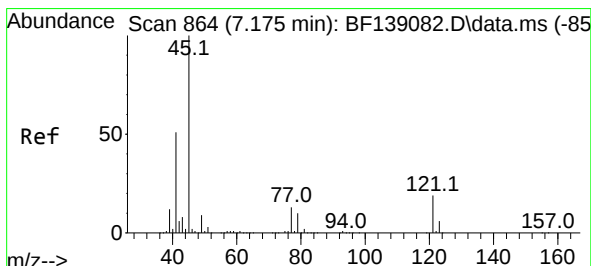
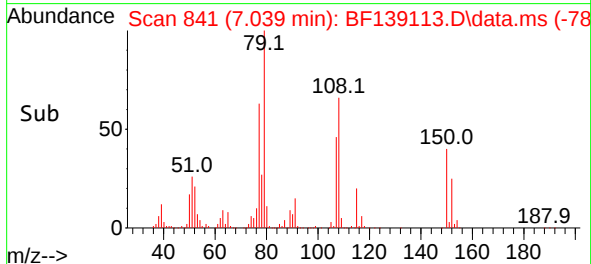
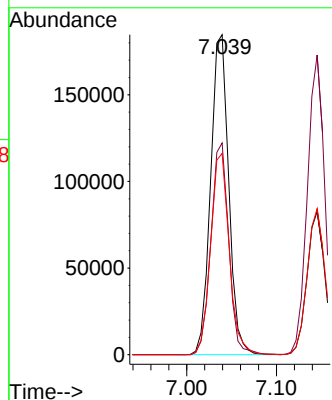
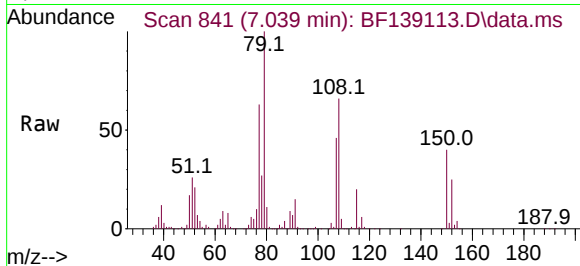




#15
Benzyl Alcohol
Concen: 41.875 ng
RT: 7.039 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

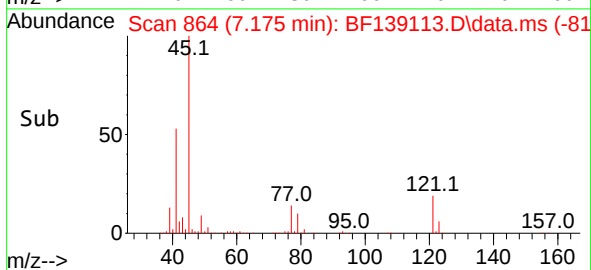
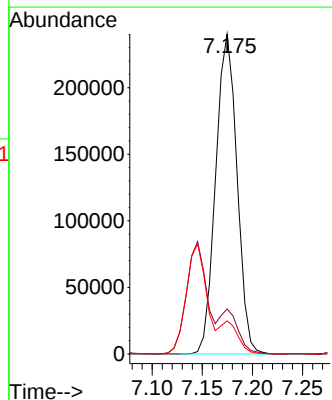
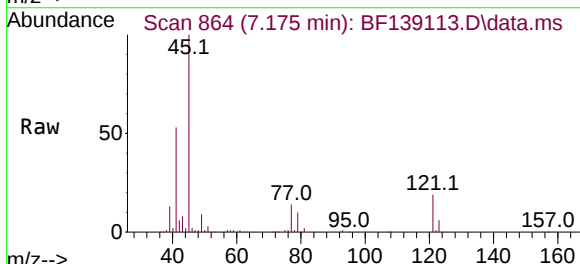
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

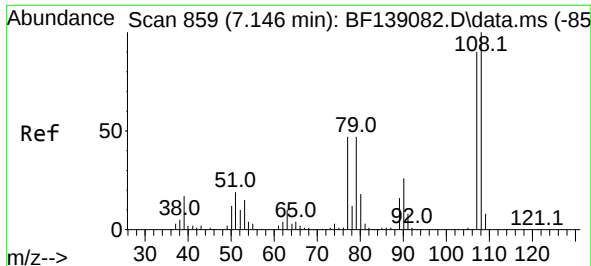
Tgt Ion: 79 Resp: 258007
Ion Ratio Lower Upper
79 100
108 66.1 52.8 79.2
77 62.9 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.532 ng
RT: 7.175 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion: 45 Resp: 354062
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.7
79 10.4 0.0 30.4

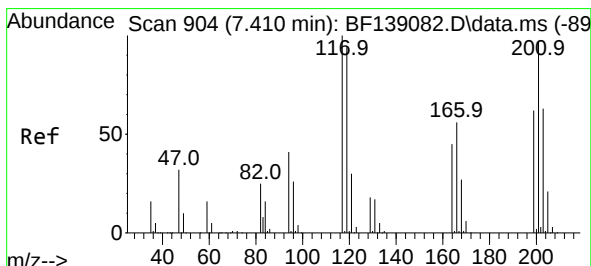
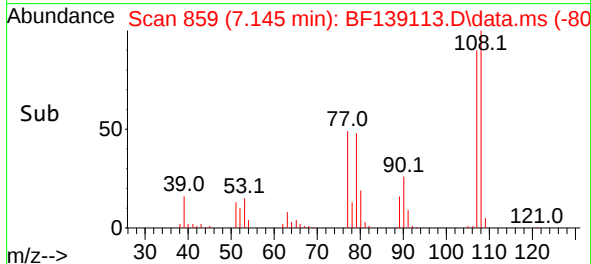
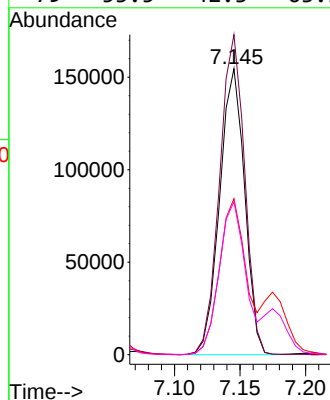
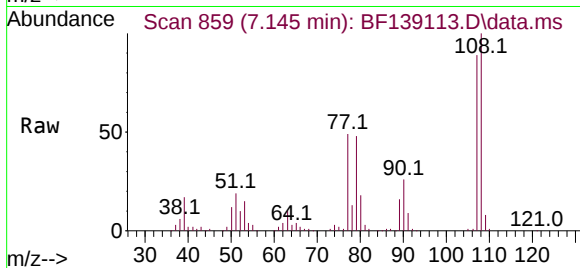




#17
2-Methylphenol
Concen: 41.280 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

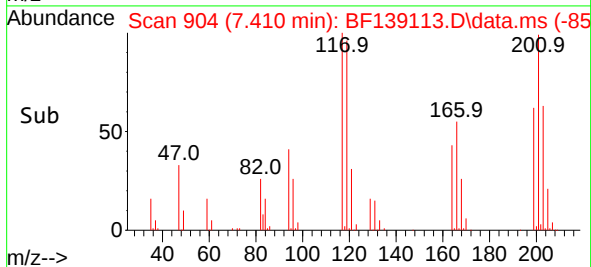
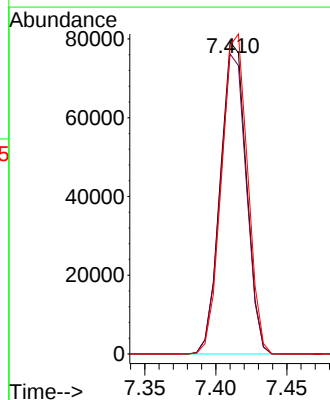
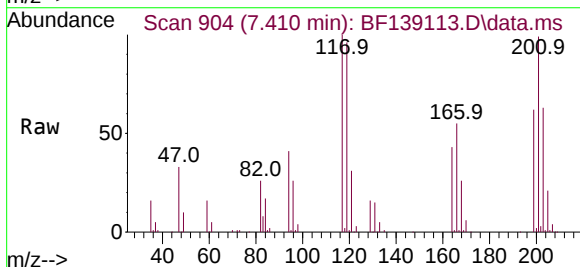
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

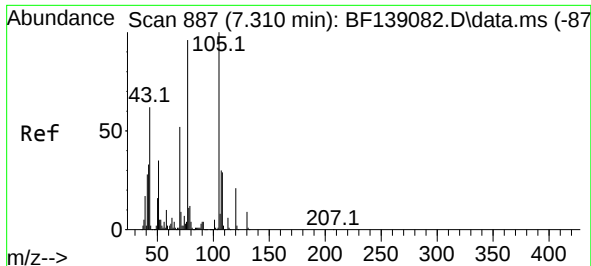
Tgt Ion:107 Resp: 204934
Ion Ratio Lower Upper
107 100
108 111.8 89.1 133.7
77 54.5 42.1 63.1
79 53.5 42.3 63.5



#18
Hexachloroethane
Concen: 41.348 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:117 Resp: 101144
Ion Ratio Lower Upper
117 100
119 96.1 75.5 113.3
201 98.8 77.8 116.8



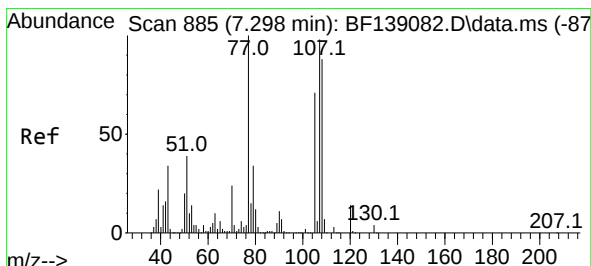
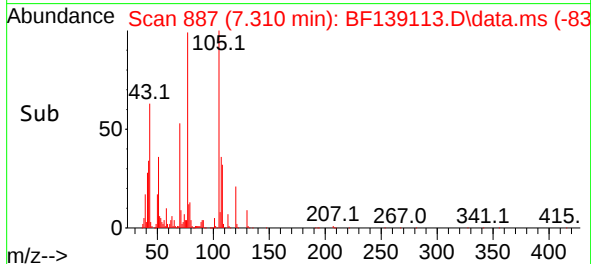
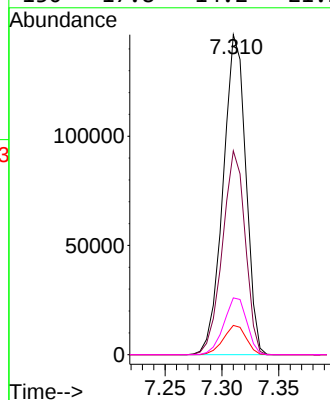
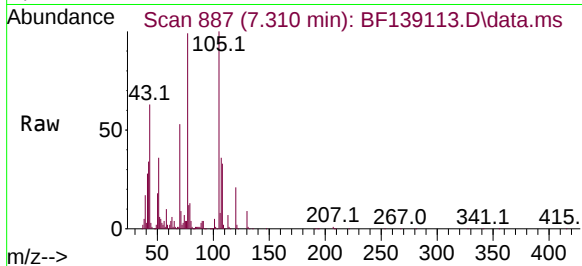


#19
n-Nitroso-di-n-propylamine
Concen: 39.836 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 203939

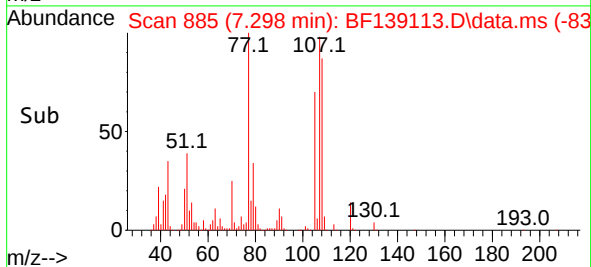
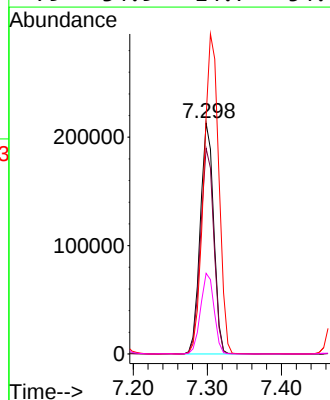
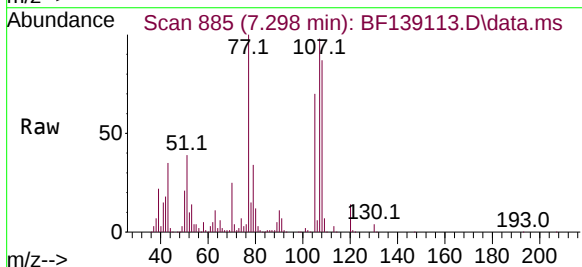
Ion	Ratio	Lower	Upper
70	100		
42	63.7	50.5	75.7
101	9.2	7.2	10.8
130	17.8	14.2	21.2

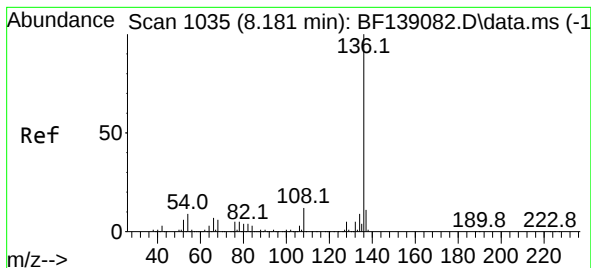


#20
3+4-Methylphenols
Concen: 41.738 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion: 107 Resp: 268466

Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.2	110.2
77	102.6	82.7	122.7
79	34.9	14.7	54.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 343989

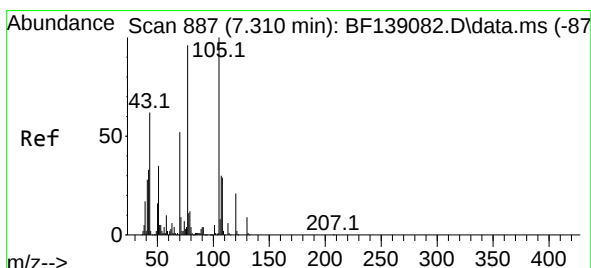
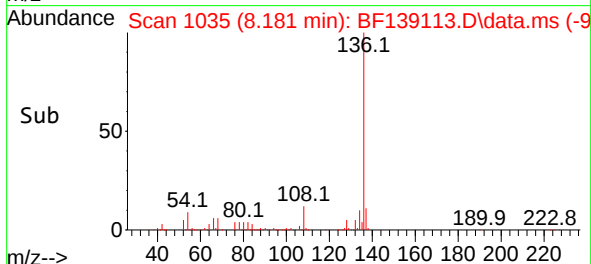
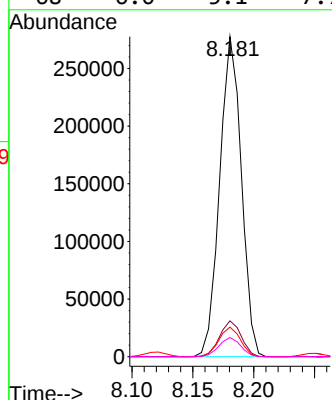
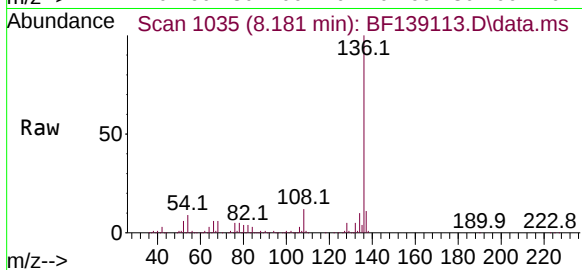
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.3 7.6 11.4

68 6.0 5.1 7.7



#22

Acetophenone

Concen: 41.440 ng

RT: 7.310 min Scan# 887

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Tgt Ion:105 Resp: 363970

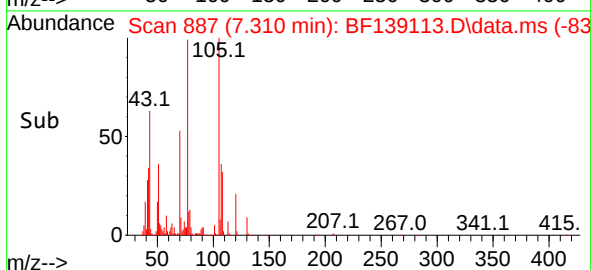
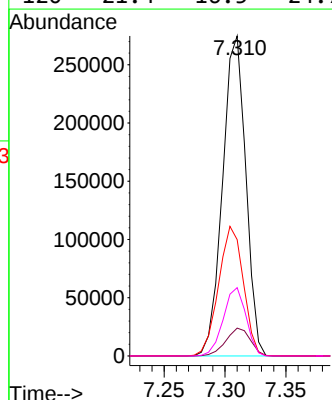
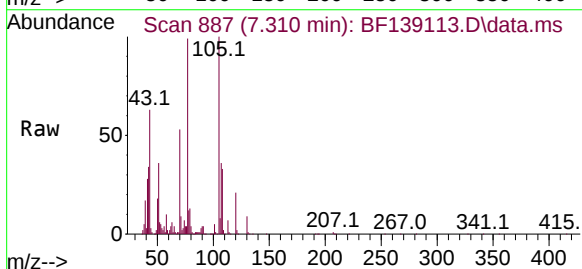
Ion Ratio Lower Upper

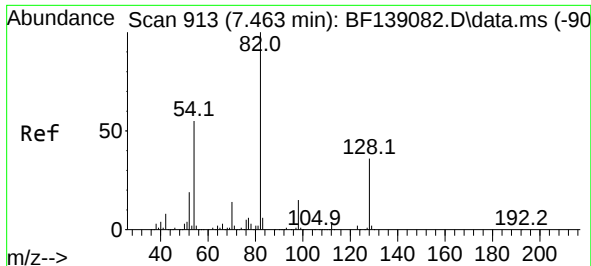
105 100

71 8.7 7.0 10.6

51 36.3 28.0 42.0

120 21.4 16.5 24.7





#23

Nitrobenzene-d5

Concen: 100.273 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

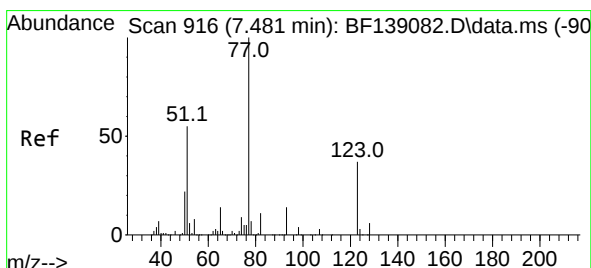
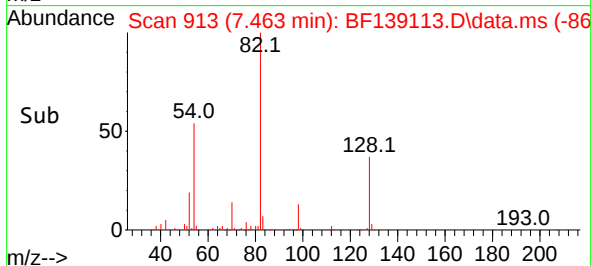
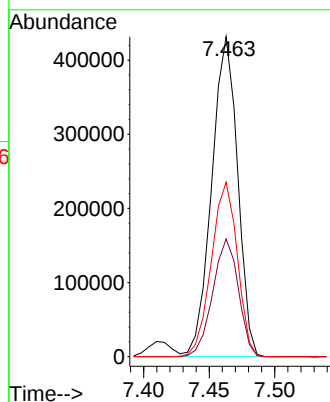
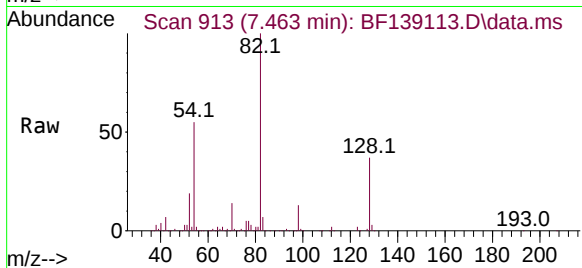
Tgt Ion: 82 Resp: 591949

Ion Ratio Lower Upper

82 100

128 36.8 29.0 43.4

54 54.5 43.4 65.2



#24

Nitrobenzene

Concen: 47.800 ng

RT: 7.481 min Scan# 916

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

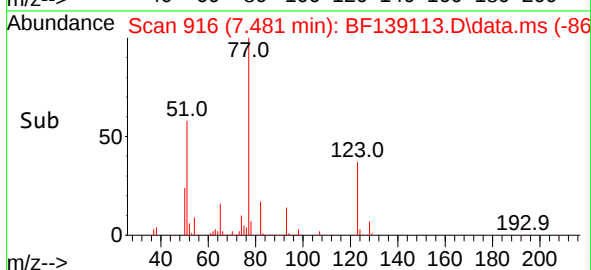
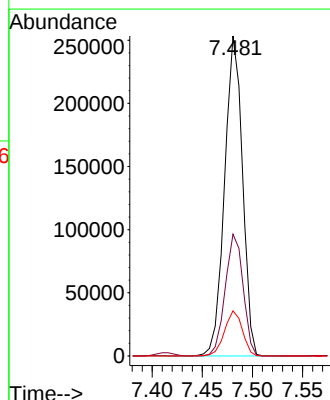
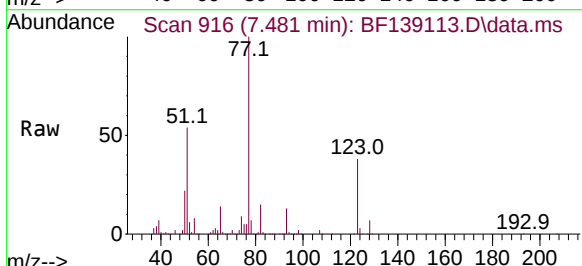
Tgt Ion: 77 Resp: 313650

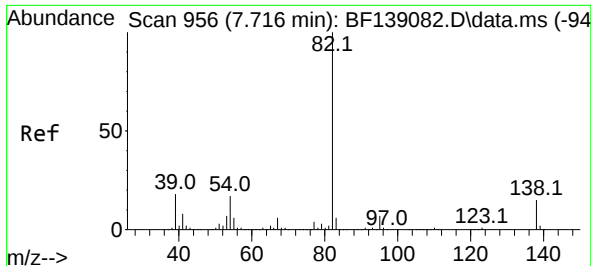
Ion Ratio Lower Upper

77 100

123 38.1 30.3 45.5

65 14.1 11.3 16.9

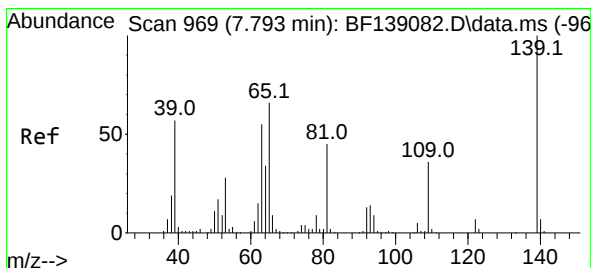
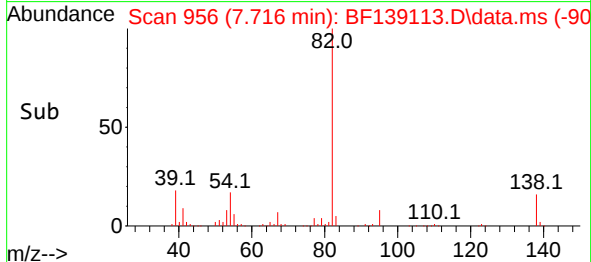
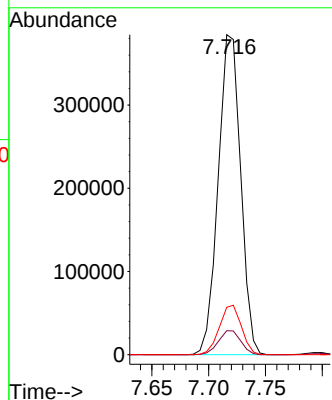
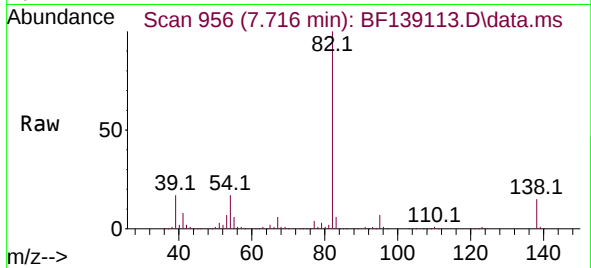




#25
Isophorone
Concen: 42.189 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

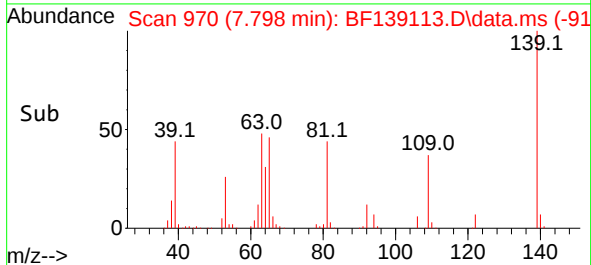
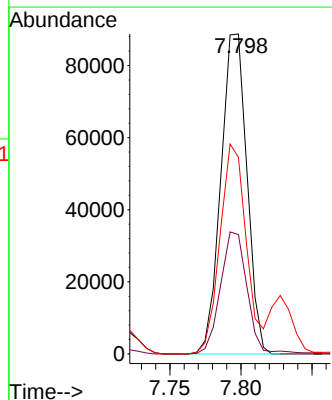
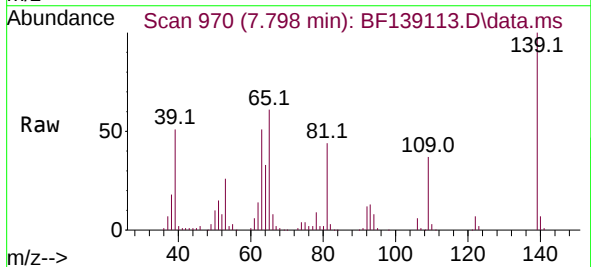
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

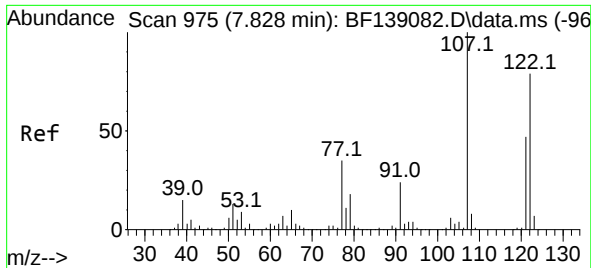
Tgt Ion: 82 Resp: 529368
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 14.8 11.8 17.8



#26
2-Nitrophenol
Concen: 49.343 ng
RT: 7.798 min Scan# 970
Delta R.T. 0.005 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:139 Resp: 113312
Ion Ratio Lower Upper
139 100
109 37.3 29.2 43.8
65 61.5 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 41.727 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

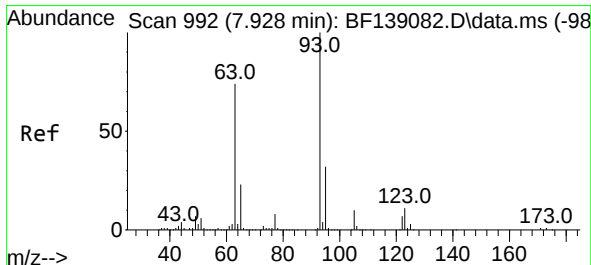
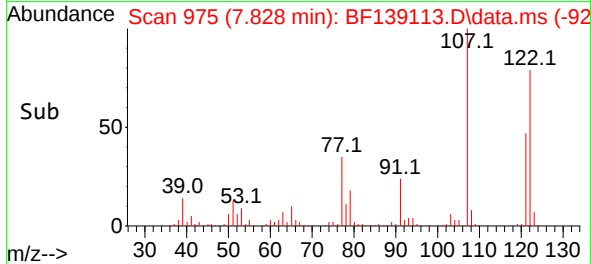
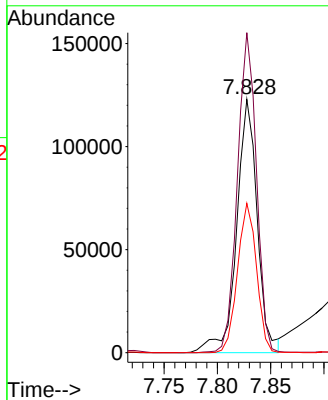
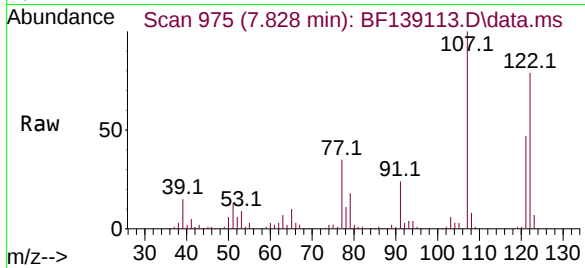
Tgt Ion:122 Resp: 166026

Ion Ratio Lower Upper

122 100

107 126.3 101.1 151.7

121 59.0 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.755 ng

RT: 7.928 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

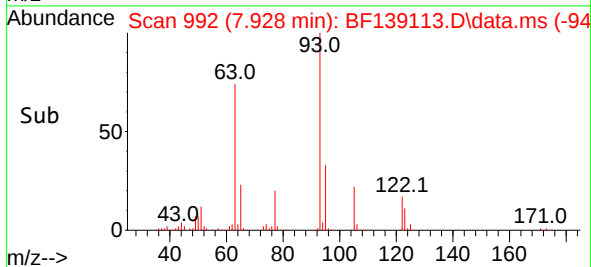
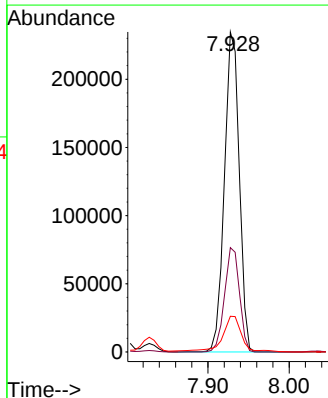
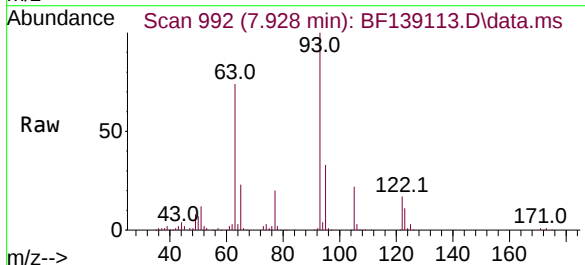
Tgt Ion: 93 Resp: 298794

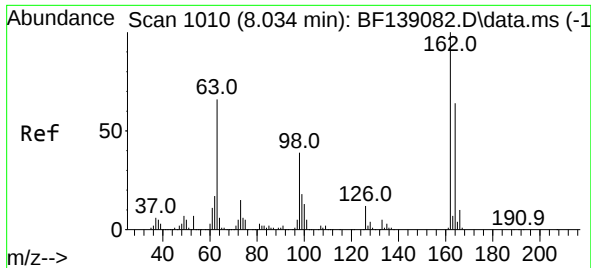
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

123 11.2 8.9 13.3

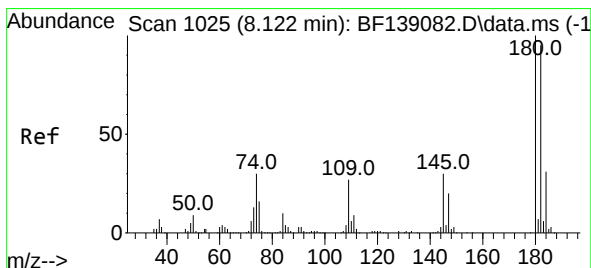
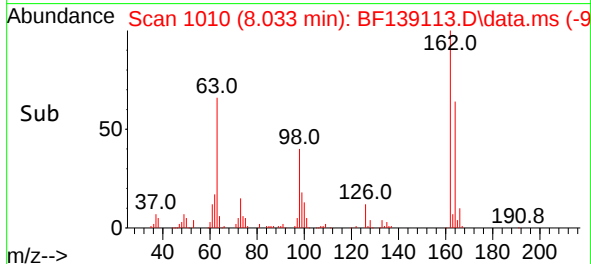
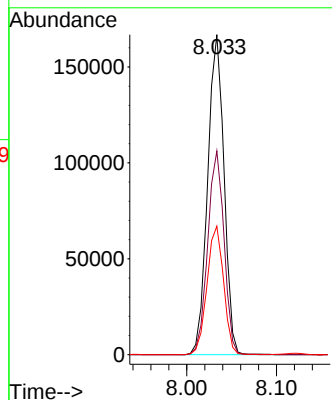
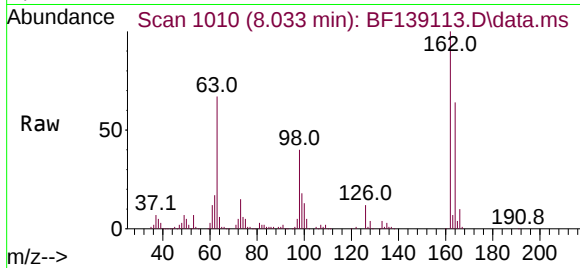




#29
2,4-Dichlorophenol
Concen: 42.642 ng
RT: 8.033 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

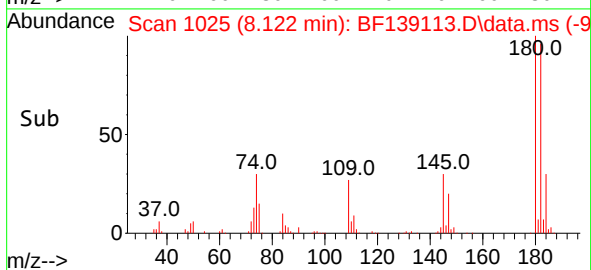
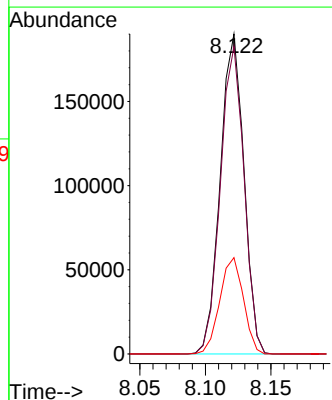
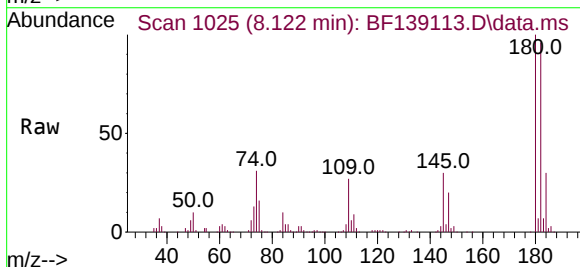
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

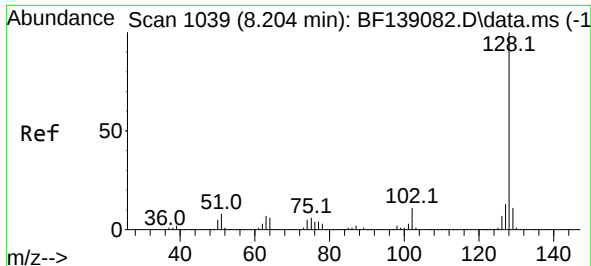
Tgt Ion:162 Resp: 211374
Ion Ratio Lower Upper
162 100
164 63.6 43.9 83.9
98 40.1 19.7 59.7



#30
1,2,4-Trichlorobenzene
Concen: 41.066 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:180 Resp: 238360
Ion Ratio Lower Upper
180 100
182 96.1 76.1 114.1
145 30.1 23.9 35.9

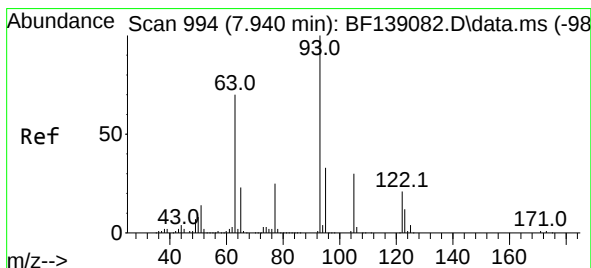
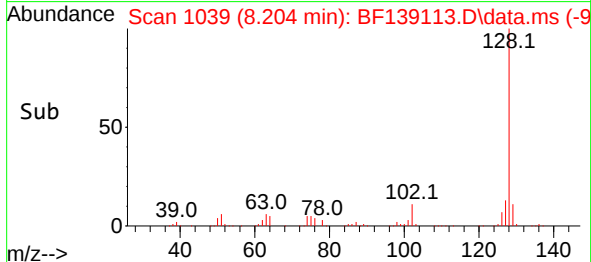
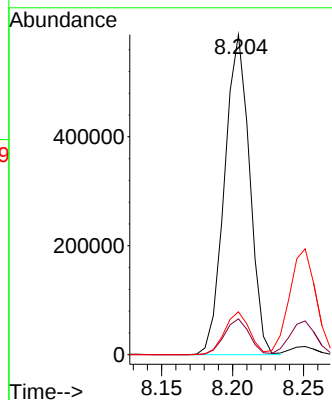
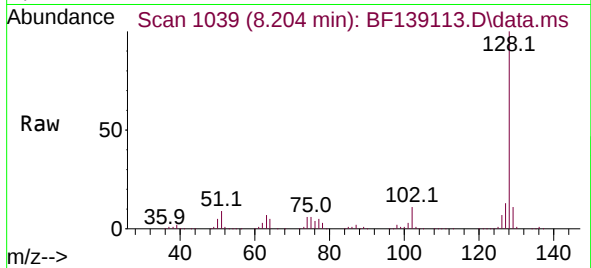




#31
Naphthalene
Concen: 41.332 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

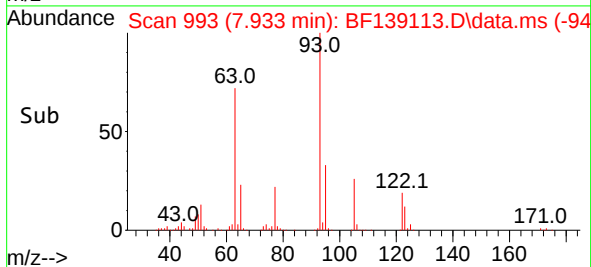
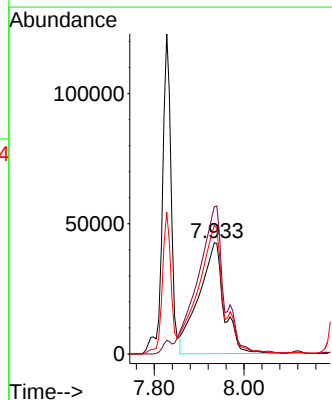
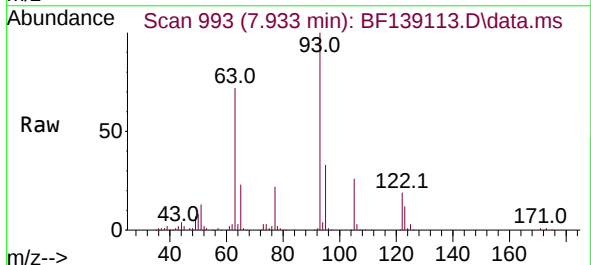
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

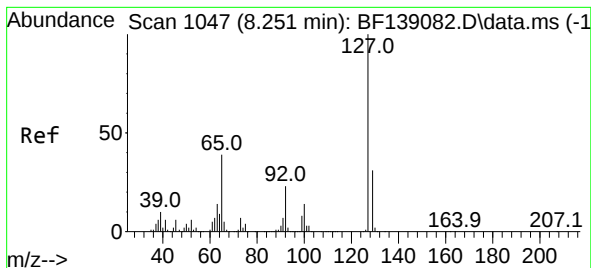
Tgt Ion:128 Resp: 720491
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 49.705 ng
RT: 7.933 min Scan# 993
Delta R.T. -0.007 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:122 Resp: 165884
Ion Ratio Lower Upper
122 100
105 132.3 119.6 159.6
77 115.4 97.6 137.6

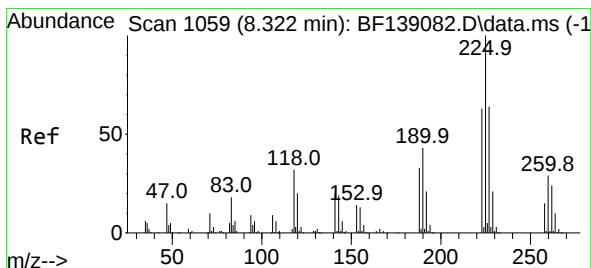
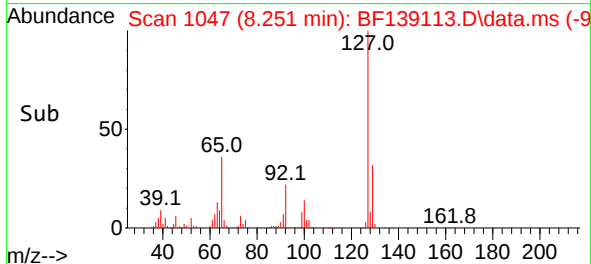
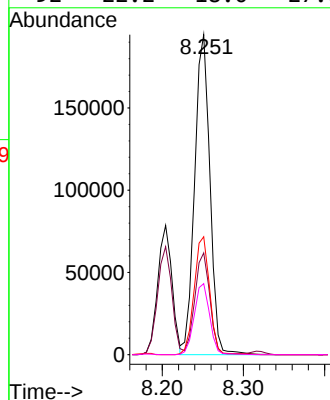
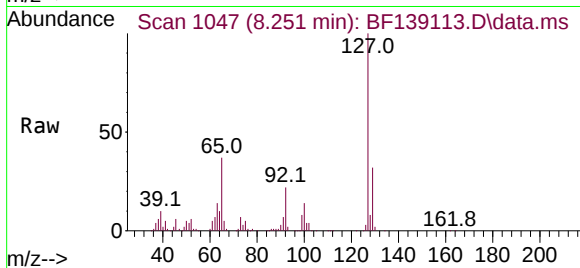




#33
4-Chloroaniline
Concen: 42.759 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

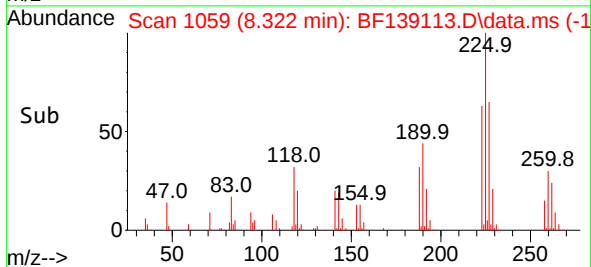
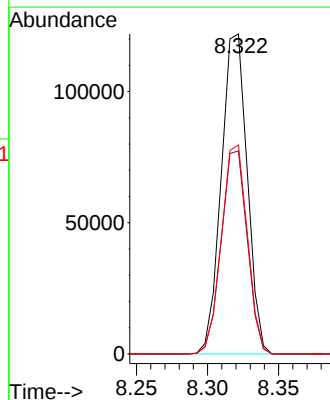
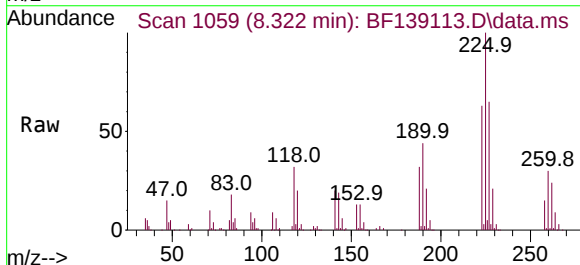
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

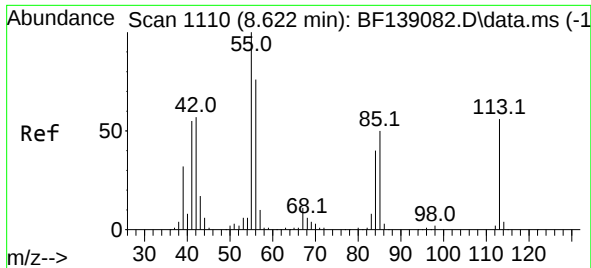
Tgt Ion:127	Resp: 255271
Ion Ratio	Lower Upper
127 100	
129 31.8	26.0 39.0
65 36.9	30.3 45.5
92 22.2	18.0 27.0



#34
Hexachlorobutadiene
Concen: 40.877 ng
RT: 8.322 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:225	Resp: 154987		
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.0	75.0
227	65.3	51.4	77.2

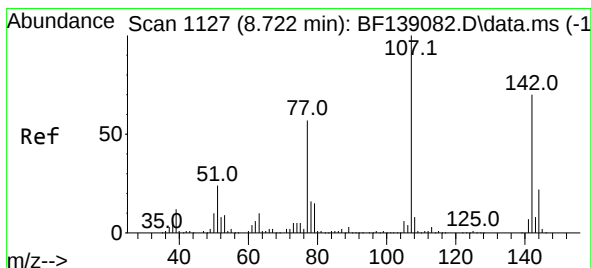
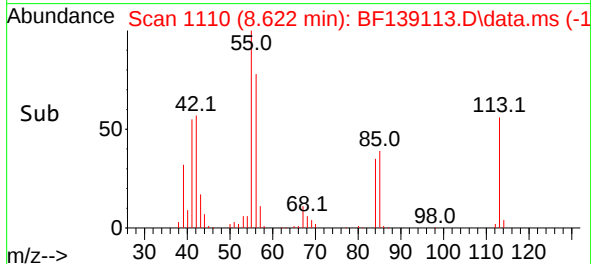
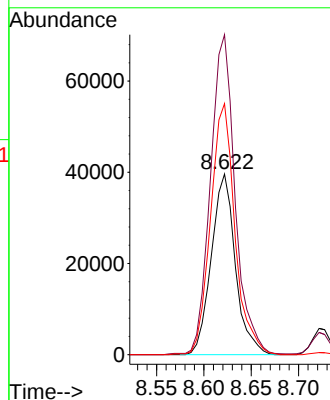
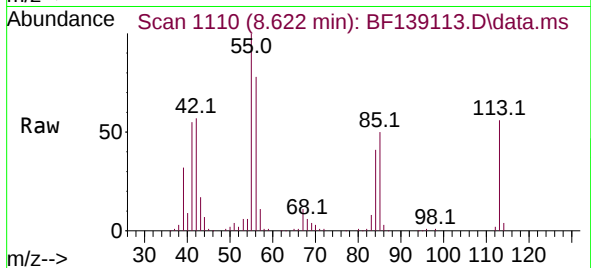




#35
 Caprolactam
 Concen: 44.432 ng
 RT: 8.622 min Scan# 1110
 Delta R.T. -0.000 min
 Lab File: BF139113.D
 Acq: 22 Aug 2024 10:25

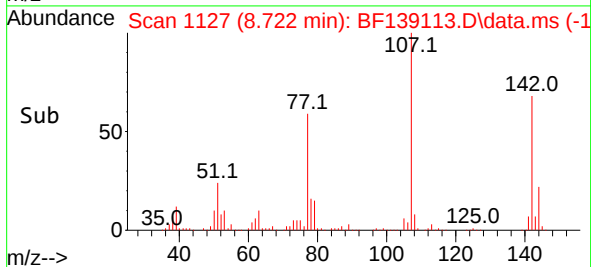
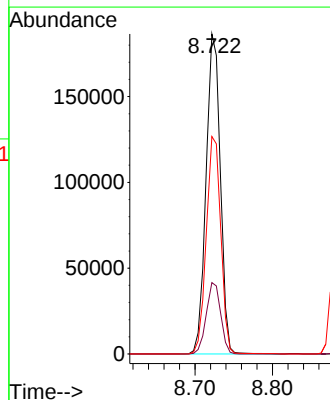
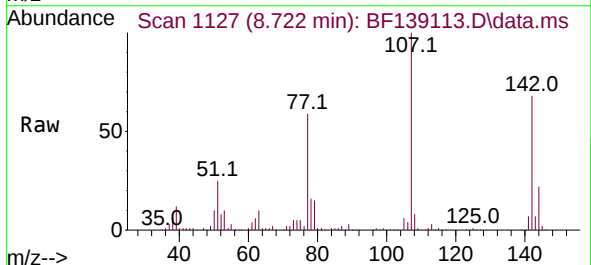
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

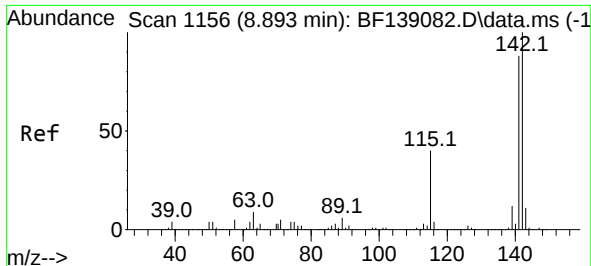
Tgt Ion:113 Resp: 69828
 Ion Ratio Lower Upper
 113 100
 55 177.2 158.6 198.6
 56 139.0 115.9 155.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.488 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: BF139113.D
 Acq: 22 Aug 2024 10:25

Tgt Ion:107 Resp: 238684
 Ion Ratio Lower Upper
 107 100
 144 22.3 17.7 26.5
 142 68.0 55.6 83.4





#37

2-Methylnaphthalene

Concen: 42.445 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

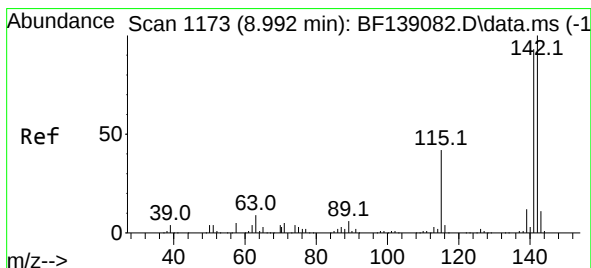
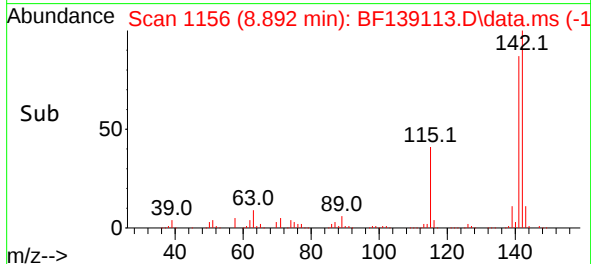
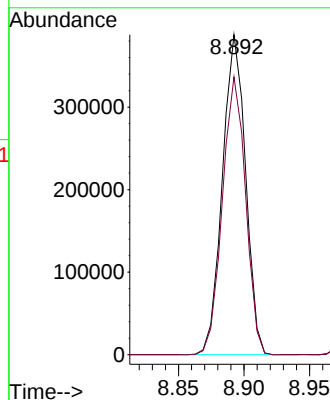
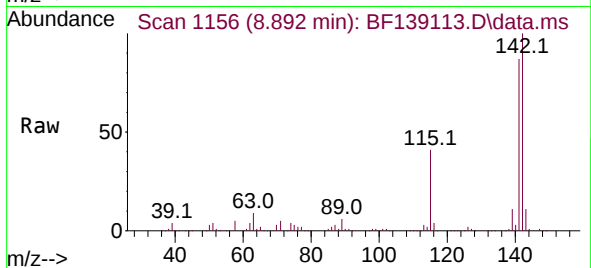
SSTDCCC040

Tgt Ion:142 Resp: 474576

Ion Ratio Lower Upper

142 100

141 86.8 70.6 105.8



#38

1-Methylnaphthalene

Concen: 41.906 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF139113.D

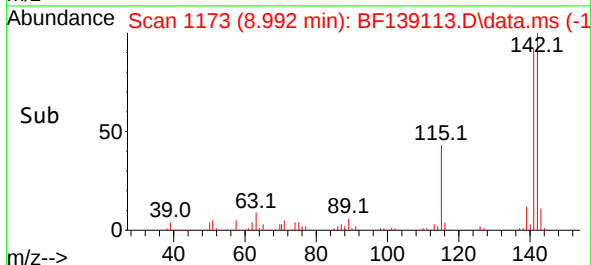
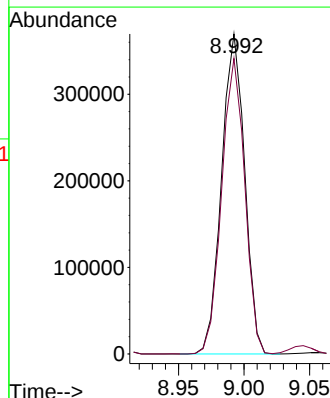
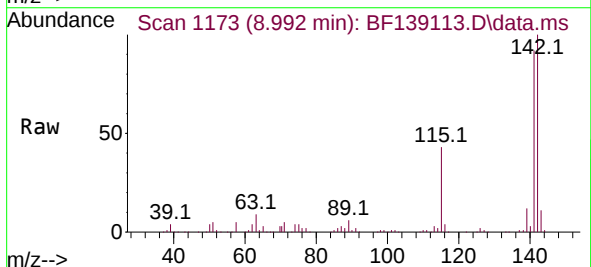
Acq: 22 Aug 2024 10:25

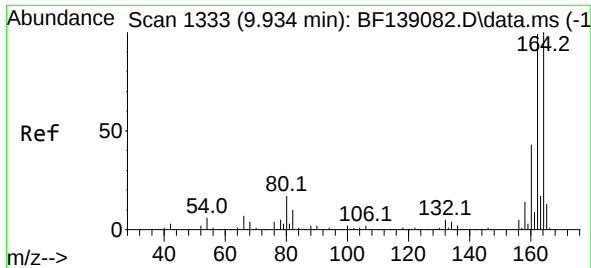
Tgt Ion:142 Resp: 452216

Ion Ratio Lower Upper

142 100

141 92.3 74.1 111.1

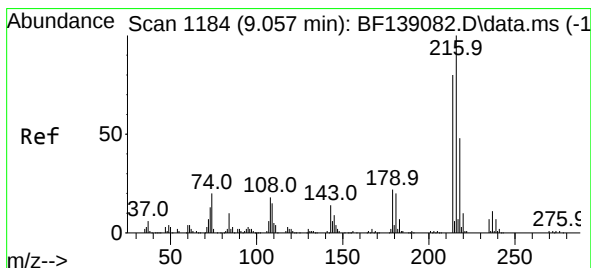
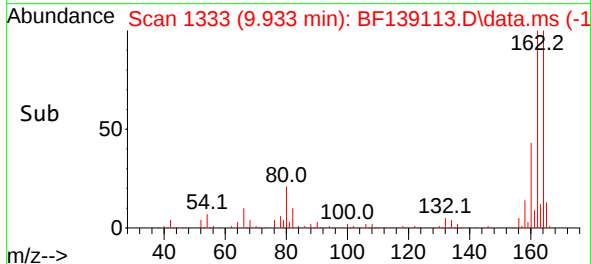
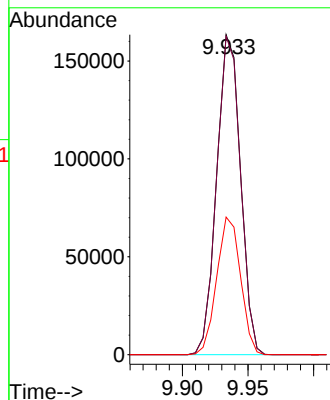
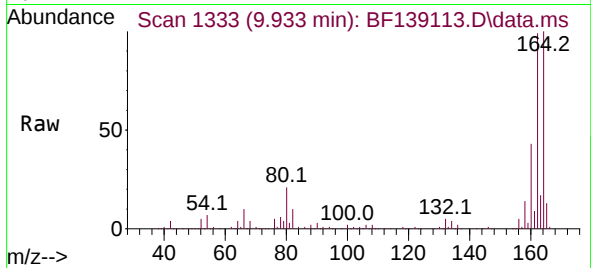




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1184
Delta R.T. -0.001 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

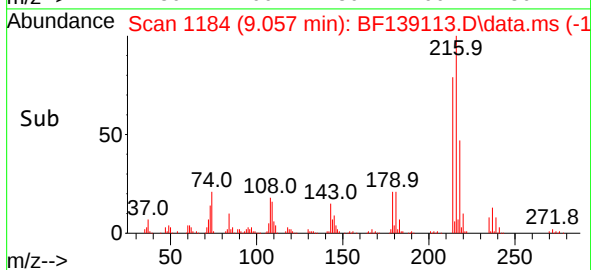
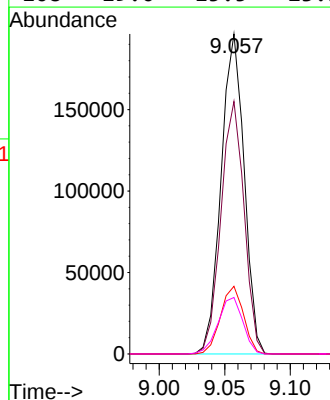
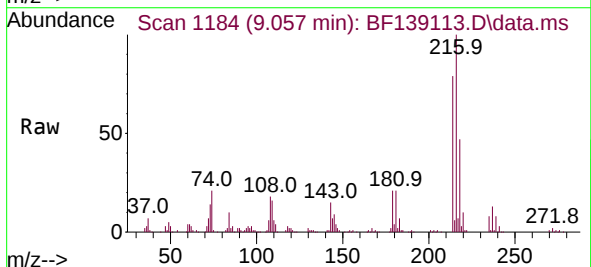
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

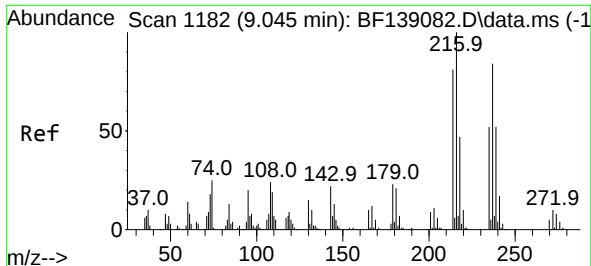
Tgt Ion:164 Resp: 206423
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 43.0 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.331 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:216 Resp: 239663
Ion Ratio Lower Upper
216 100
214 79.0 64.2 96.2
179 21.2 17.4 26.2
108 19.0 15.5 23.3

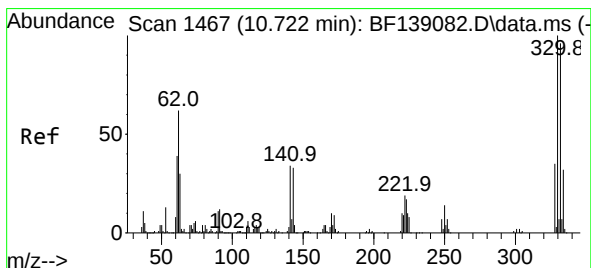
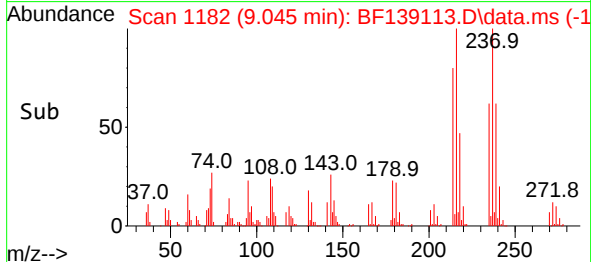
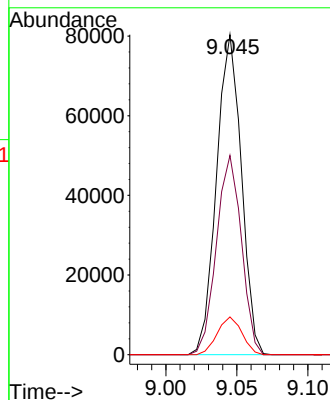
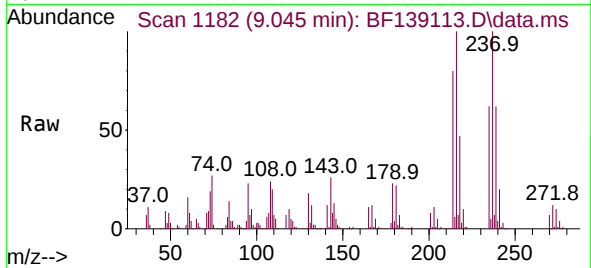




#41
Hexachlorocyclopentadiene
Concen: 45.024 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

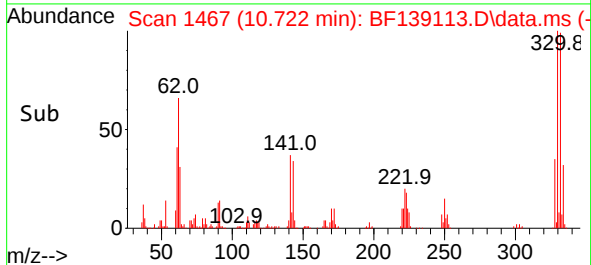
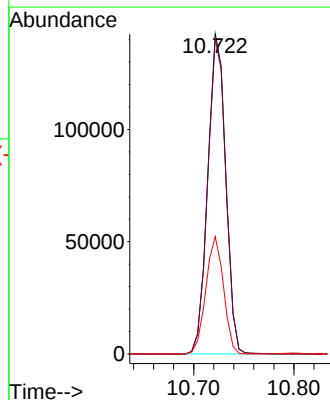
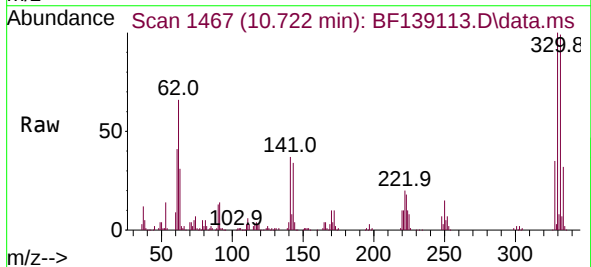
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

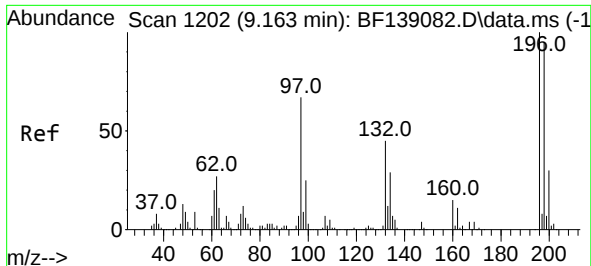
Tgt Ion:237 Resp: 97792
Ion Ratio Lower Upper
237 100
235 62.3 42.5 82.5
272 11.8 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 95.201 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:330 Resp: 177903
Ion Ratio Lower Upper
330 100
332 98.8 77.0 115.6
141 36.0 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 43.045 ng

RT: 9.169 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

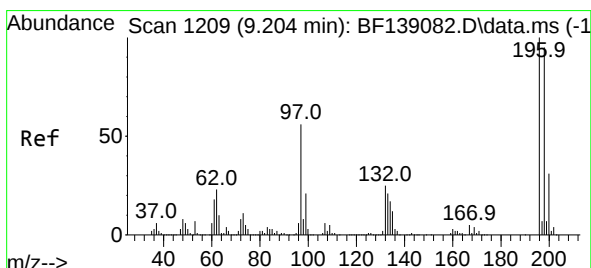
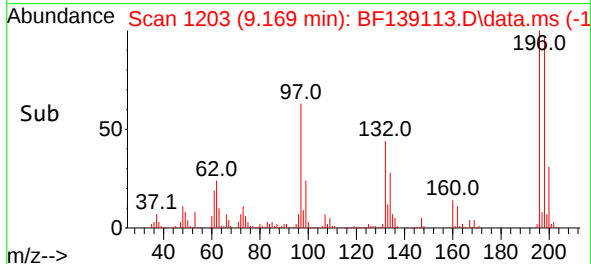
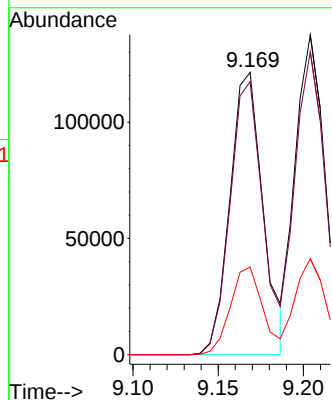
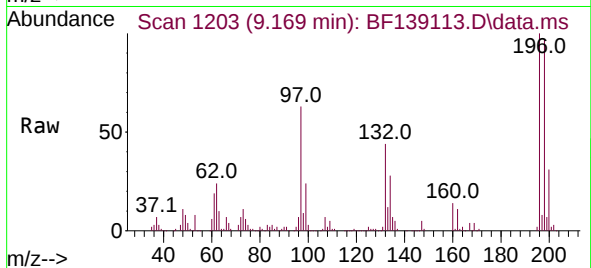
Tgt Ion:196 Resp: 164164

Ion Ratio Lower Upper

196 100

198 96.7 76.4 114.6

200 31.1 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 42.748 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Tgt Ion:196 Resp: 167343

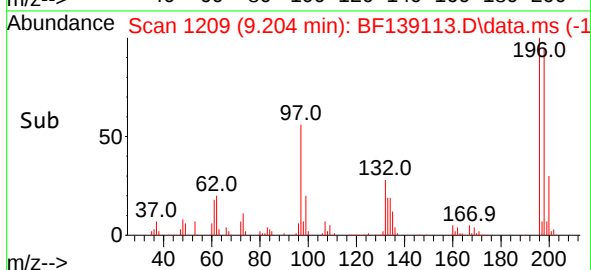
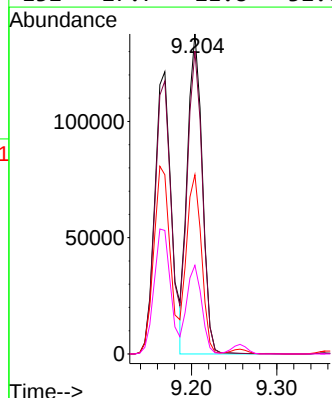
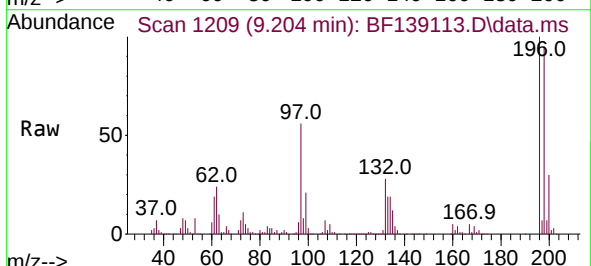
Ion Ratio Lower Upper

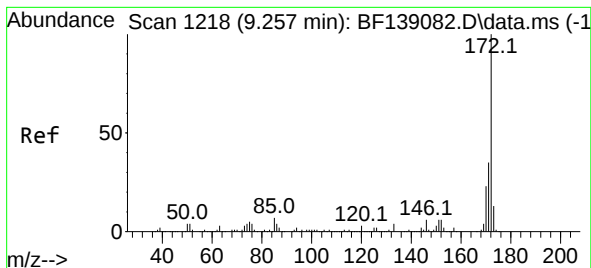
196 100

198 94.7 76.6 114.8

97 56.0 44.6 67.0

132 27.7 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 81.324 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

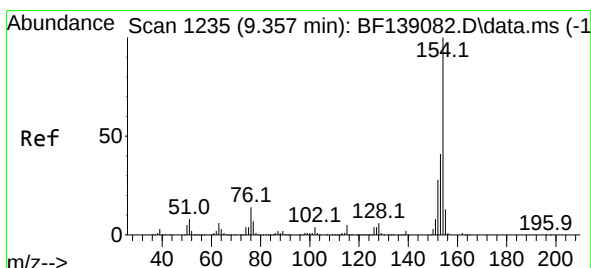
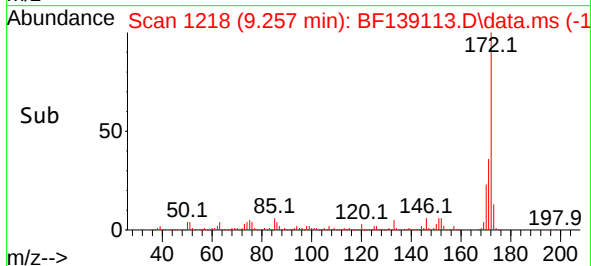
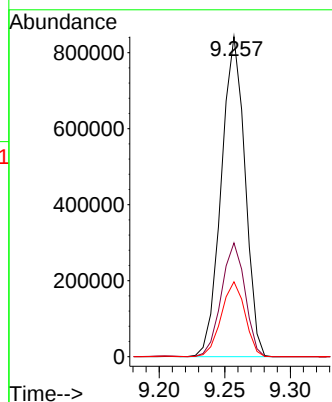
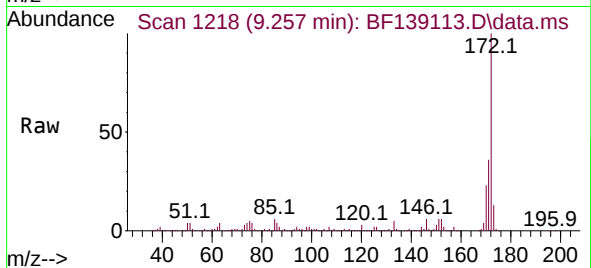
Tgt Ion:172 Resp: 1058054

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 41.901 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

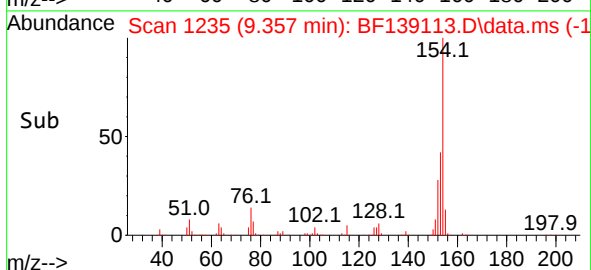
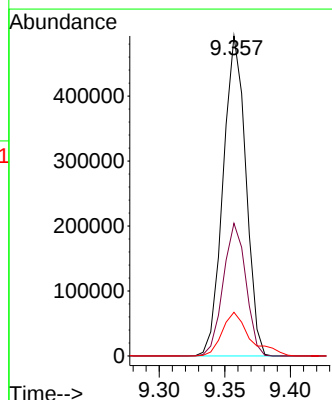
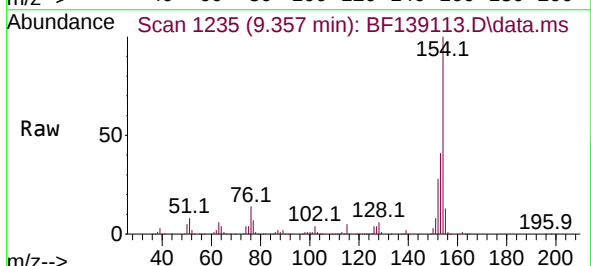
Tgt Ion:154 Resp: 592499

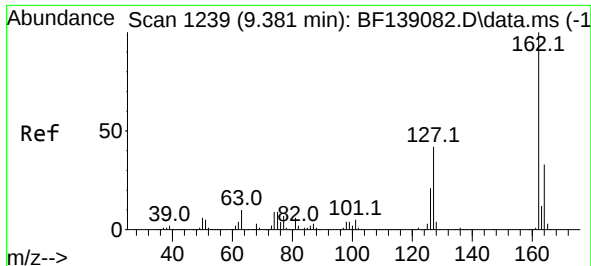
Ion Ratio Lower Upper

154 100

153 41.4 20.6 60.6

76 13.6 0.0 33.6





#47

2-Chloronaphthalene

Concen: 40.449 ng

RT: 9.380 min Scan# 1

Delta R.T. -0.001 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

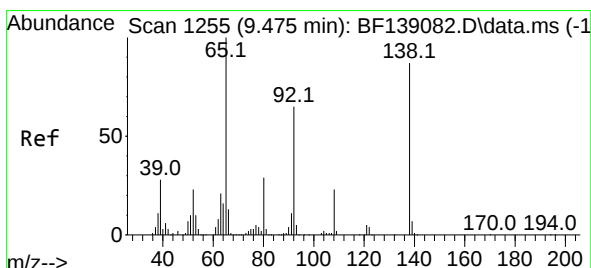
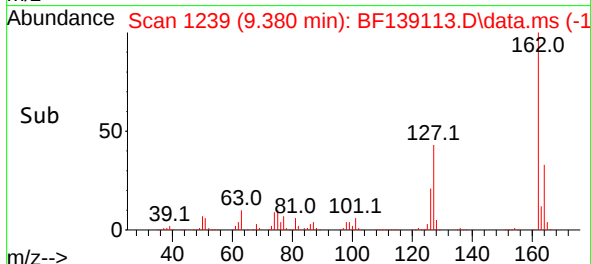
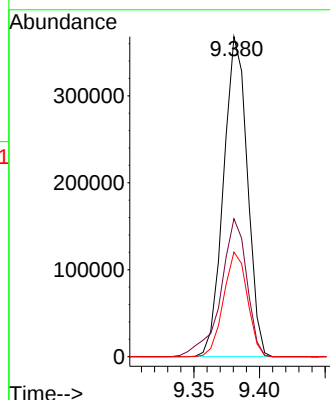
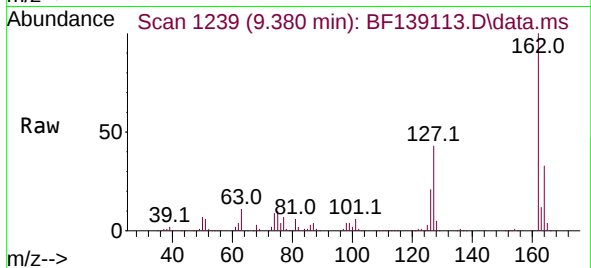
Tgt Ion:162 Resp: 464740

Ion Ratio Lower Upper

162 100

127 43.1 33.8 50.6

164 32.7 26.3 39.5



#48

2-Nitroaniline

Concen: 47.900 ng

RT: 9.475 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

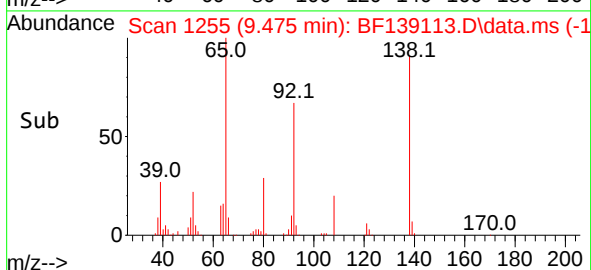
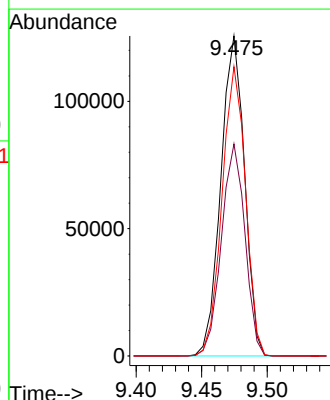
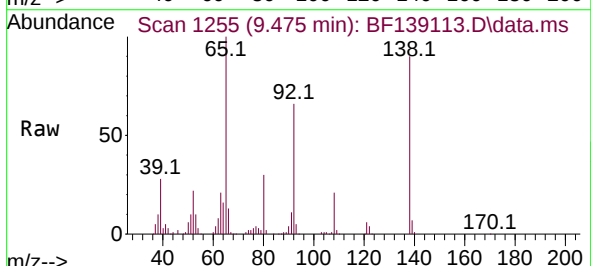
Tgt Ion: 65 Resp: 157692

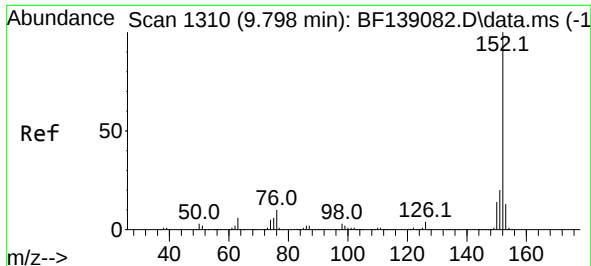
Ion Ratio Lower Upper

65 100

92 66.2 52.4 78.6

138 90.4 69.4 104.0





#49

Acenaphthylene

Concen: 41.671 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

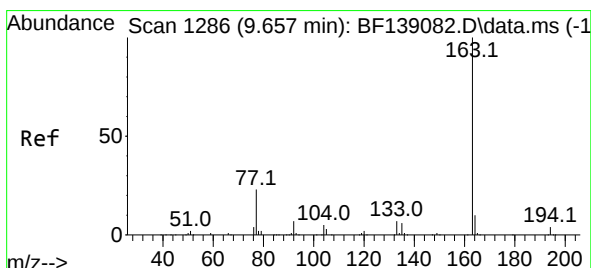
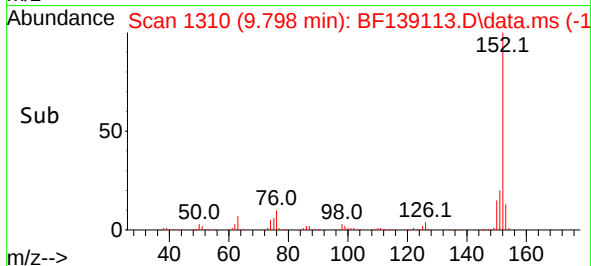
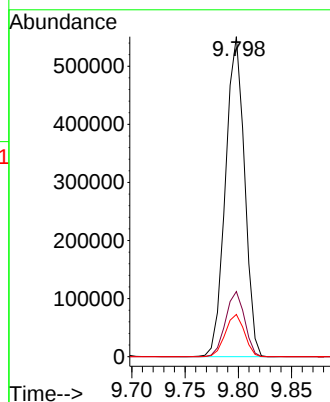
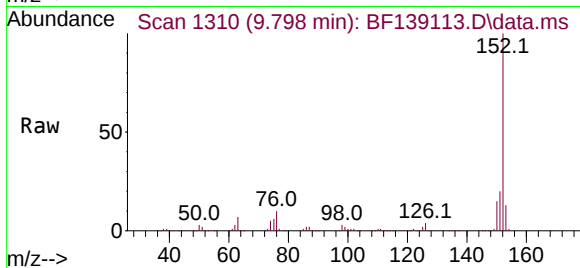
Tgt Ion:152 Resp: 685859

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 43.698 ng

RT: 9.657 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

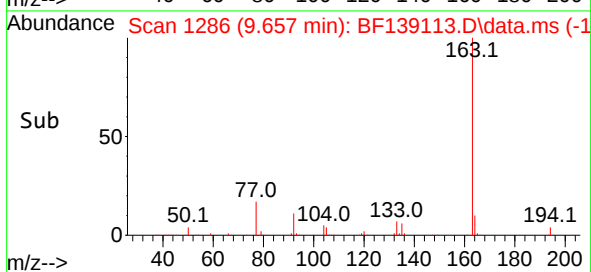
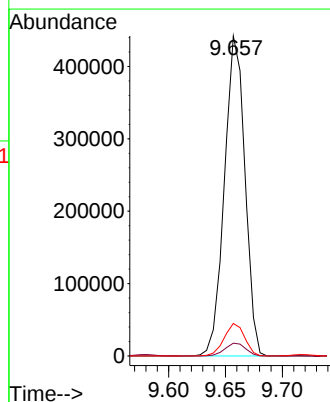
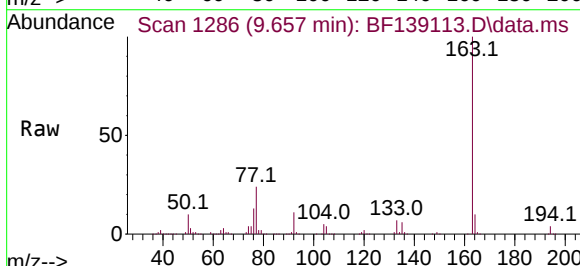
Tgt Ion:163 Resp: 556884

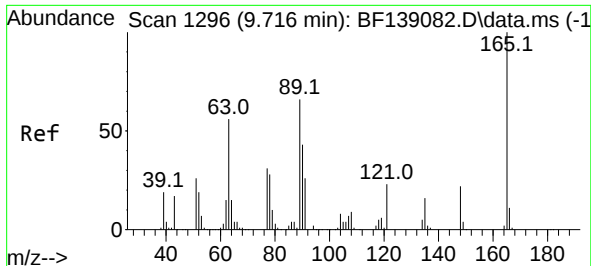
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.2 8.2 12.2

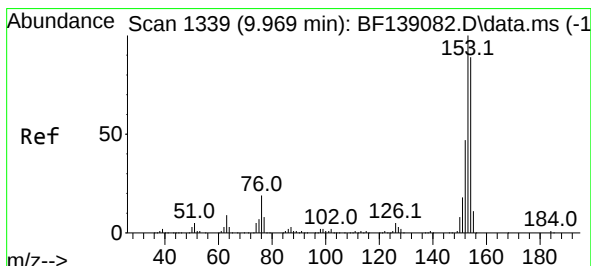
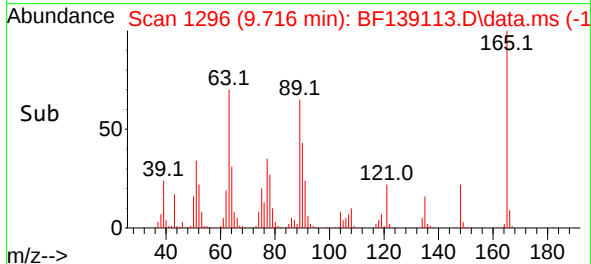
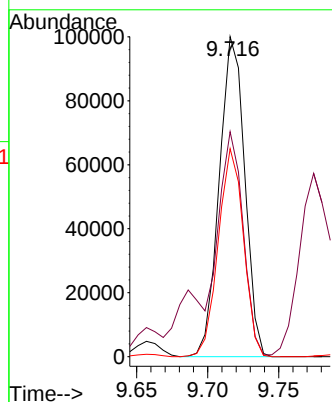
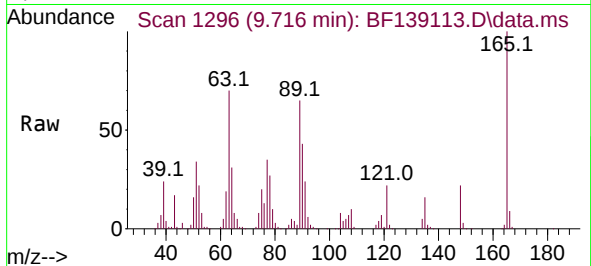




#51
2,6-Dinitrotoluene
Concen: 48.715 ng
RT: 9.716 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

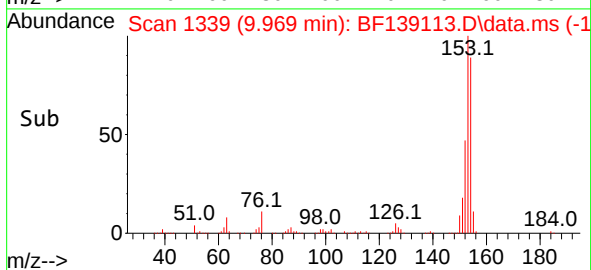
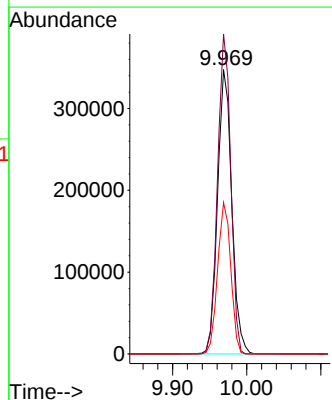
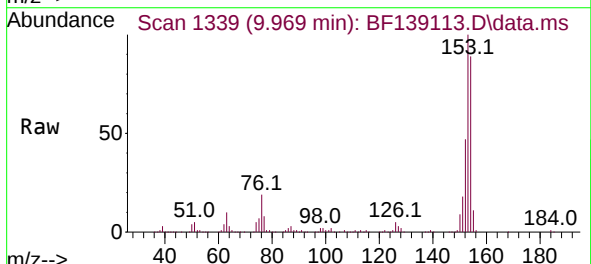
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

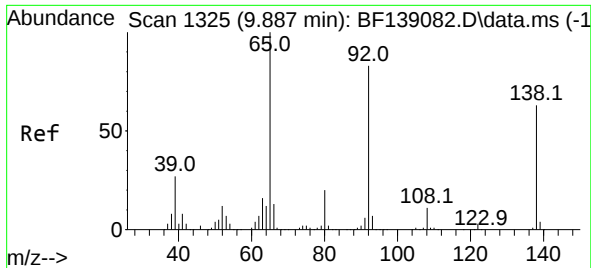
Tgt Ion:165 Resp: 124713
Ion Ratio Lower Upper
165 100
63 70.3 58.0 87.0
89 65.0 53.3 79.9



#52
Acenaphthene
Concen: 42.546 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:154 Resp: 462561
Ion Ratio Lower Upper
154 100
153 112.5 89.7 134.5
152 53.2 42.3 63.5

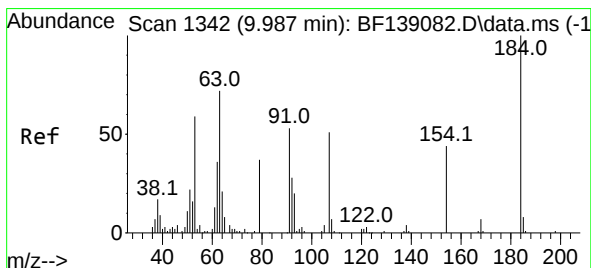
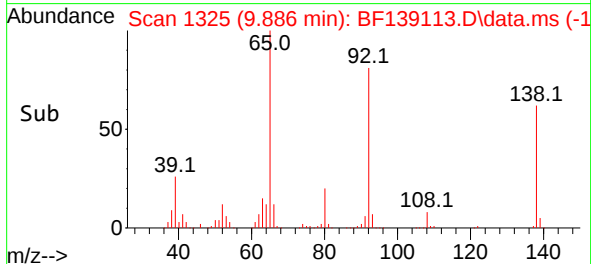
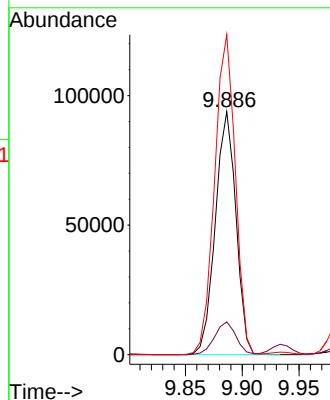
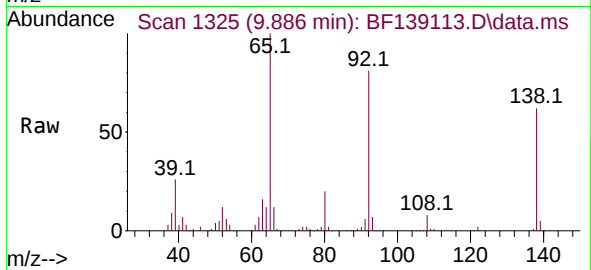




#53
3-Nitroaniline
Concen: 46.014 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

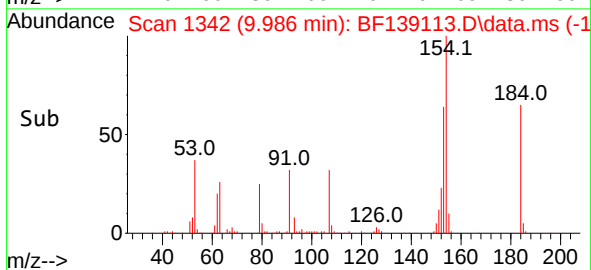
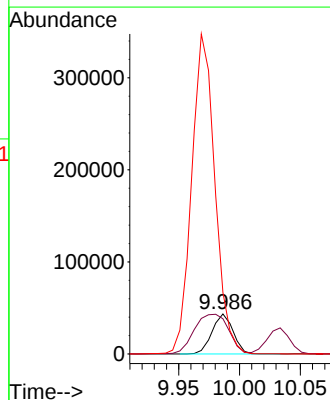
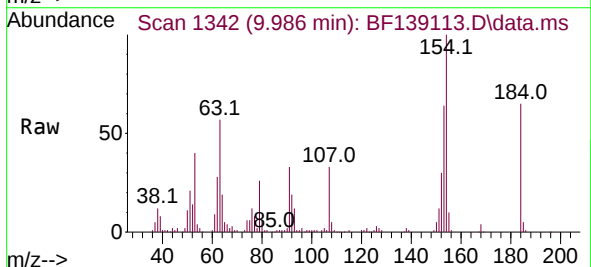
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

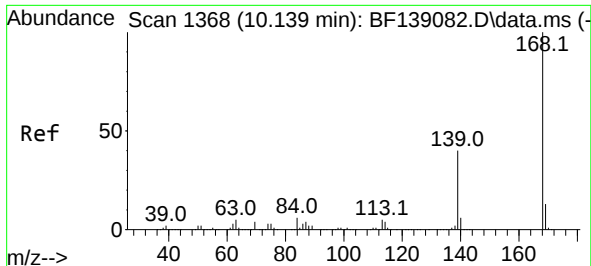
Tgt Ion:138 Resp: 118521
Ion Ratio Lower Upper
138 100
108 13.5 14.6 21.8#
92 131.7 105.9 158.9



#54
2,4-Dinitrophenol
Concen: 56.704 ng
RT: 9.986 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:184 Resp: 52107
Ion Ratio Lower Upper
184 100
63 87.9 70.5 105.7
154 153.4 135.0 202.6

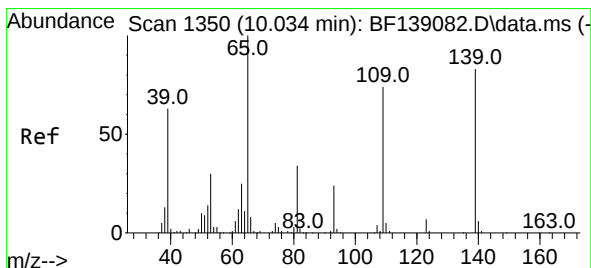
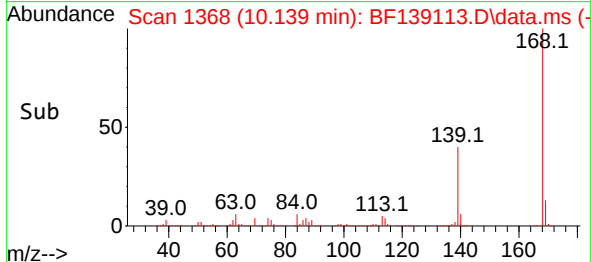
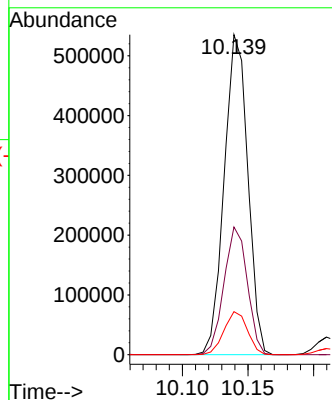
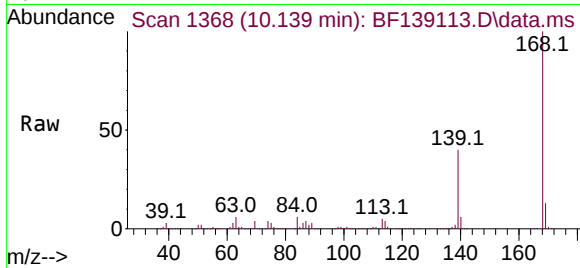




#55
Dibenzenofuran
Concen: 42.445 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

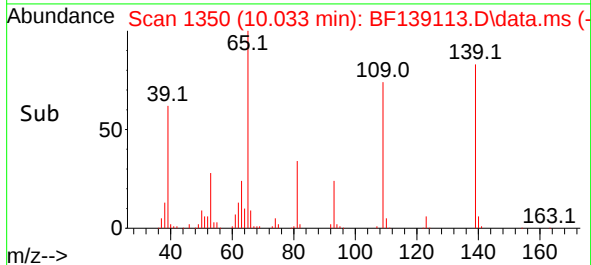
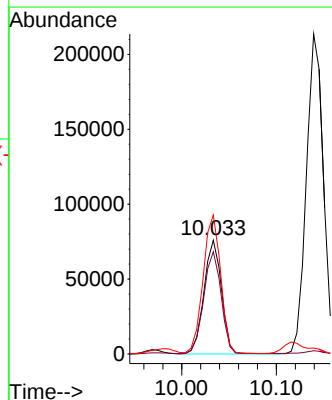
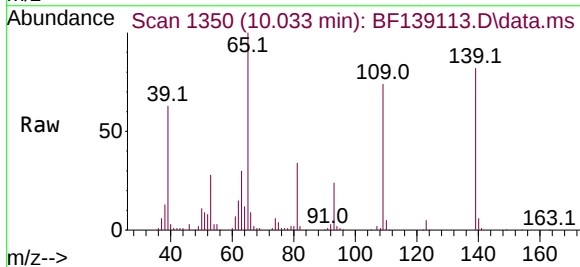
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

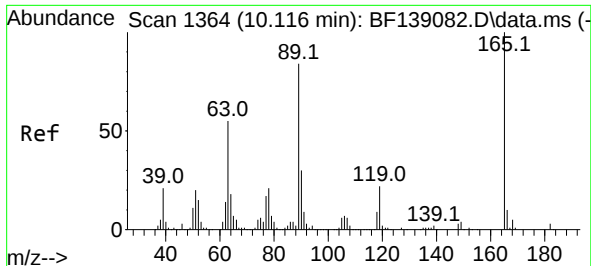
Tgt Ion:168 Resp: 670273
Ion Ratio Lower Upper
168 100
139 39.9 31.6 47.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 50.759 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.001 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:139 Resp: 97778
Ion Ratio Lower Upper
139 100
109 90.0 68.8 108.8
65 122.3 101.3 141.3

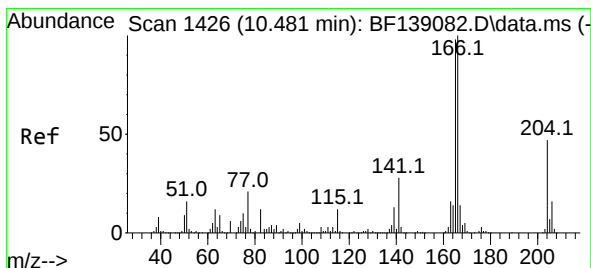
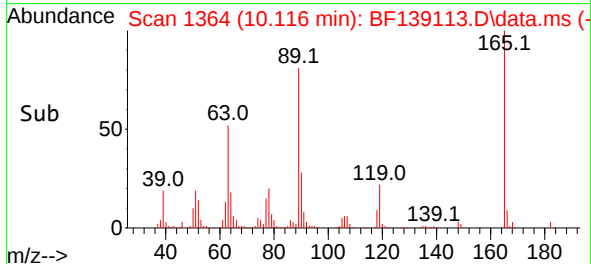
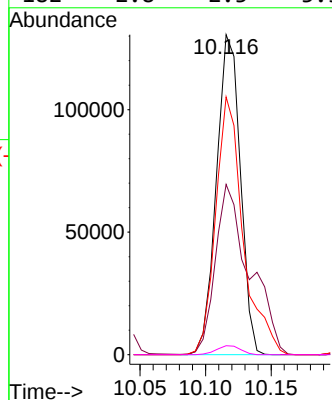
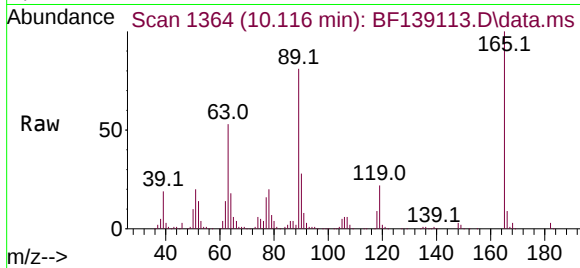




#57
2,4-Dinitrotoluene
Concen: 51.187 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

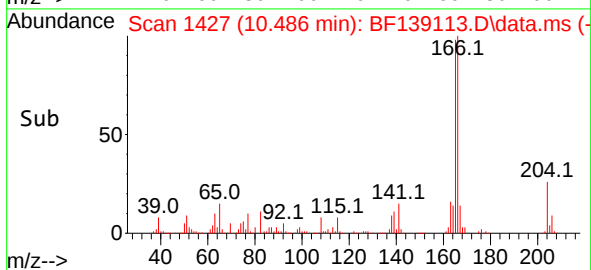
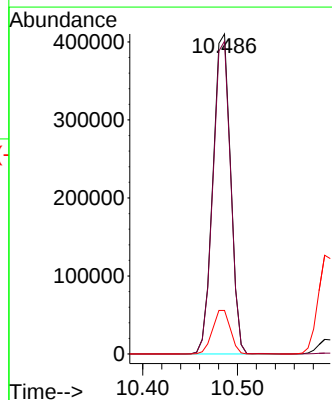
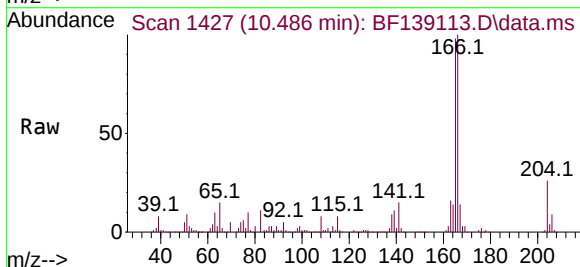
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

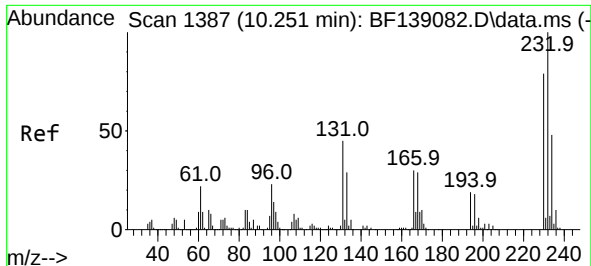
Tgt Ion:165 Resp: 165368
Ion Ratio Lower Upper
165 100
63 53.2 44.2 66.4
89 80.5 67.4 101.2
182 2.8 2.3 3.5



#58
Fluorene
Concen: 42.012 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:166 Resp: 530192
Ion Ratio Lower Upper
166 100
165 97.8 78.0 117.0
167 13.6 11.0 16.4

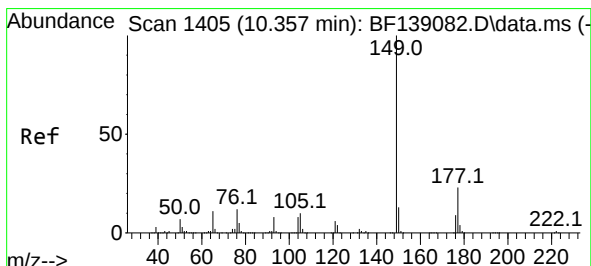
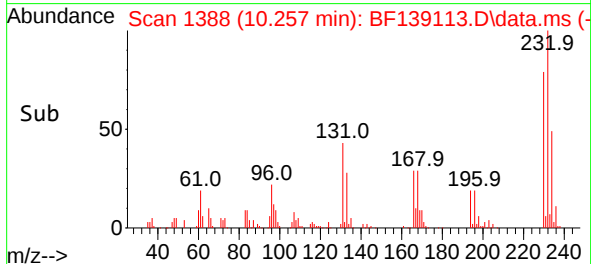
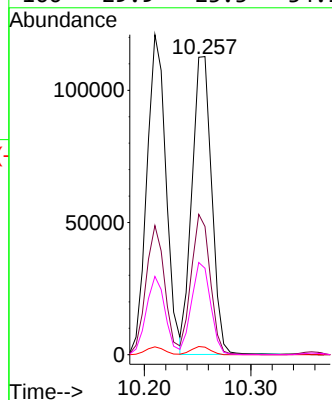
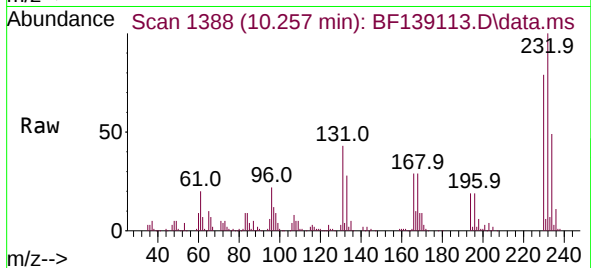




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.105 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

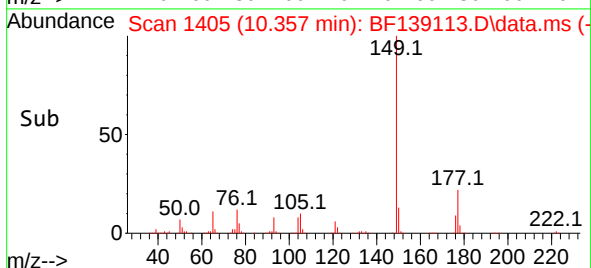
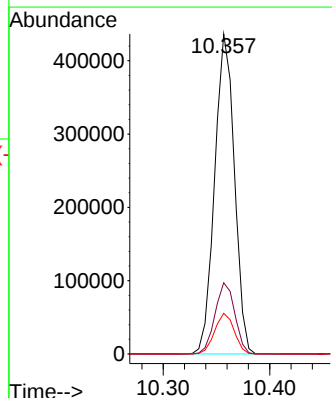
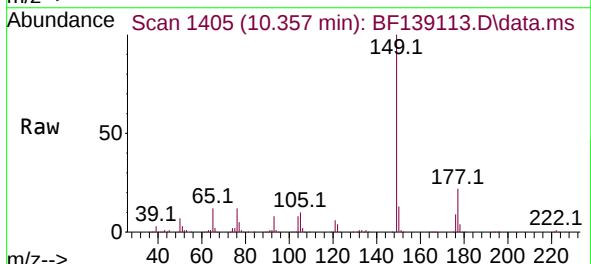
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

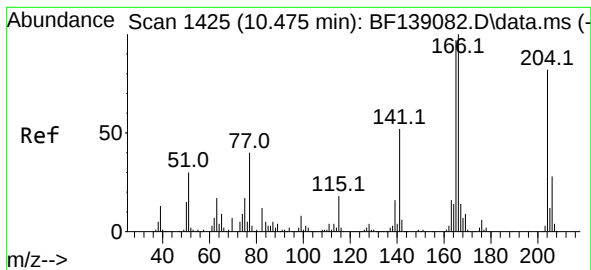
Tgt Ion:232 Resp: 144914
Ion Ratio Lower Upper
232 100
131 45.3 36.0 54.0
130 2.6 2.0 3.0
166 29.9 23.3 34.9



#60
Diethylphthalate
Concen: 44.395 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:149 Resp: 560571
Ion Ratio Lower Upper
149 100
177 22.3 18.4 27.6
150 12.7 10.2 15.2

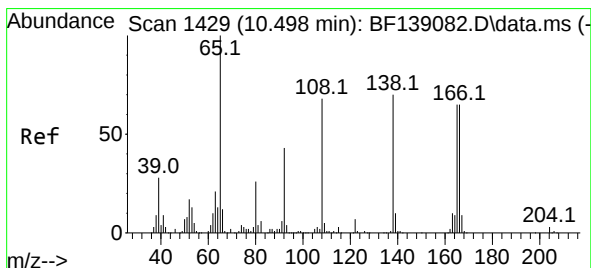
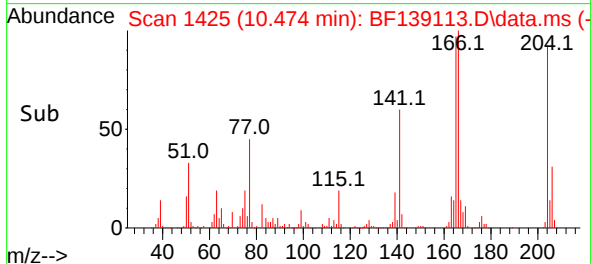
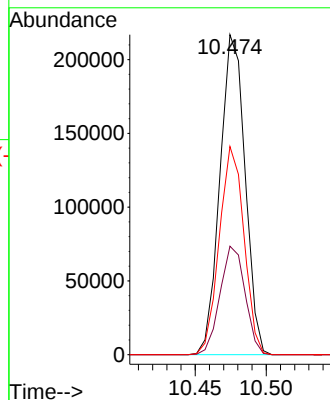
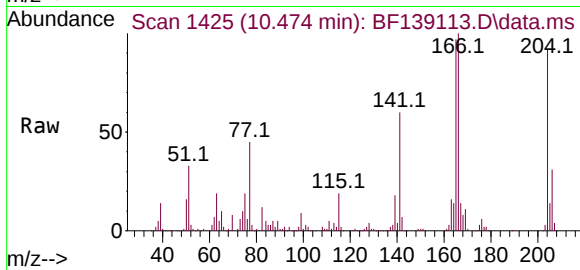




#61
4-Chlorophenyl-phenylether
Concen: 42.308 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

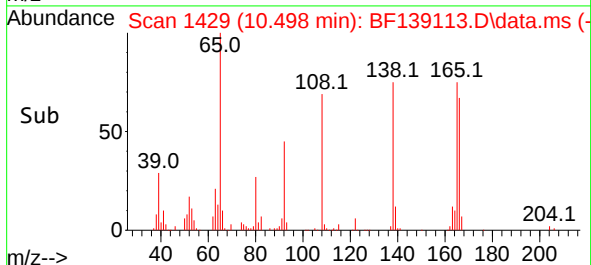
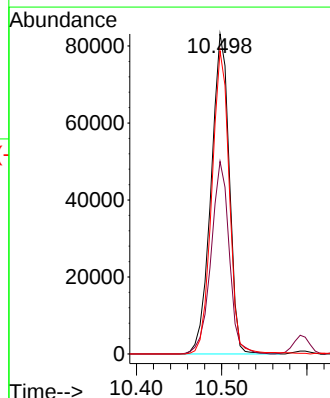
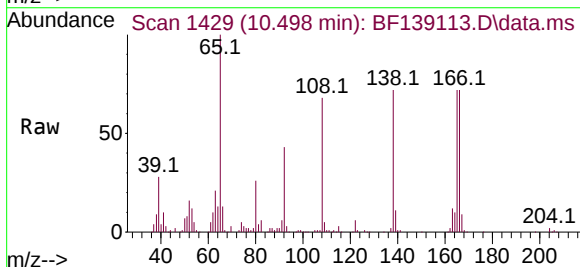
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

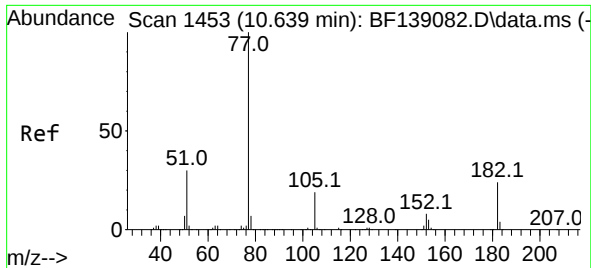
Tgt Ion:204 Resp: 266663
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.4
141 65.0 50.9 76.3



#62
4-Nitroaniline
Concen: 47.251 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:138 Resp: 123431
Ion Ratio Lower Upper
138 100
92 60.1 41.4 81.4
108 94.7 76.8 116.8

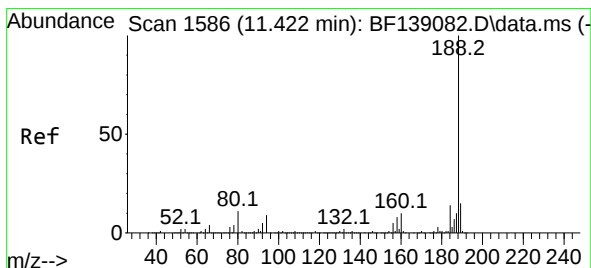
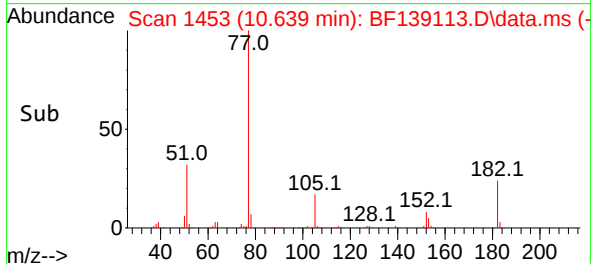
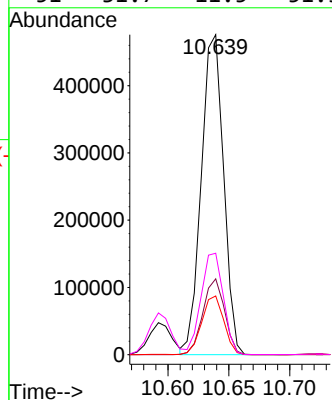
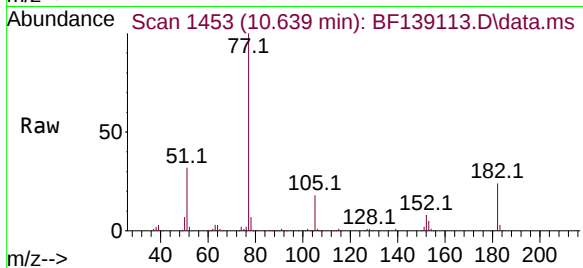




#63
Azobenzene
Concen: 43.180 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

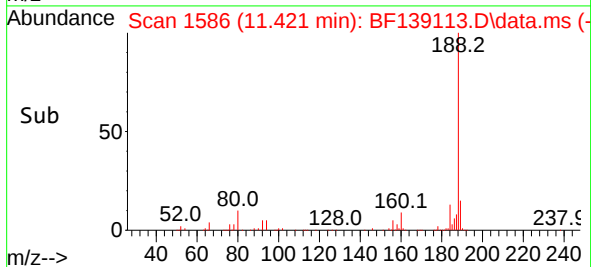
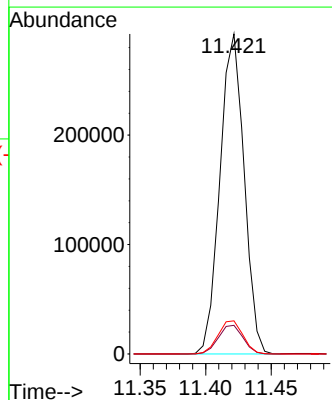
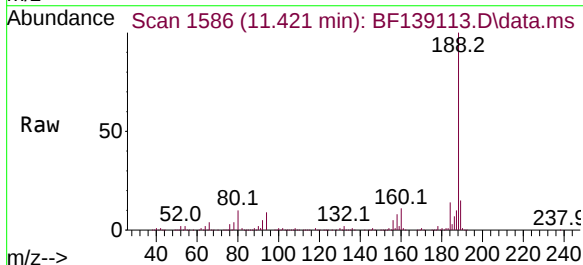
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

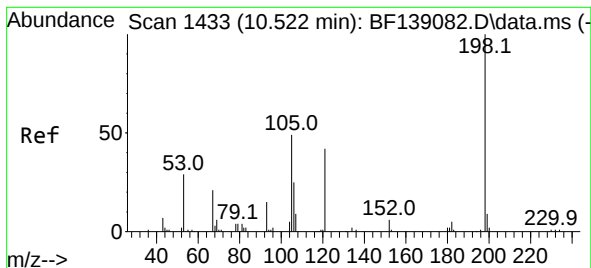
Tgt Ion: 77	Resp: 605902
Ion Ratio	Lower Upper
77 100	
182 23.7	4.0 44.0
105 18.3	0.0 39.1
51 31.7	11.5 51.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:188	Resp: 374434
Ion Ratio	Lower Upper
188 100	
94 9.0	7.2 10.8
80 10.4	8.5 12.7

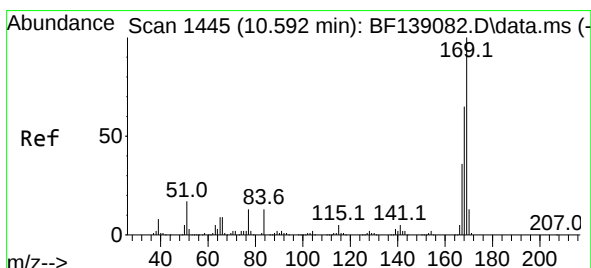
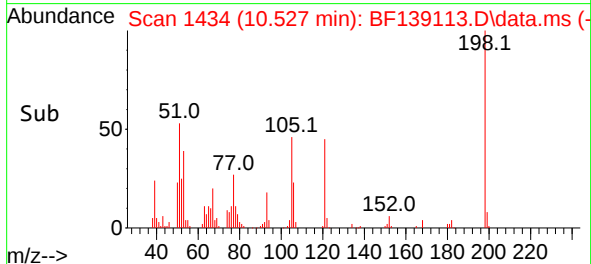
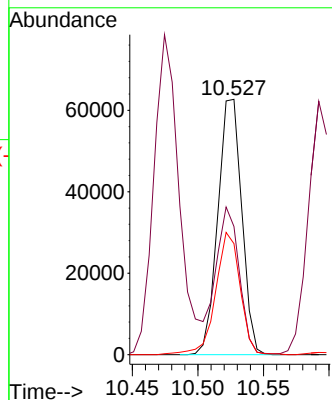
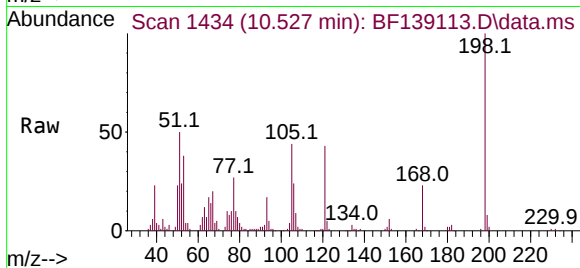




#65
4,6-Dinitro-2-methylphenol
Concen: 55.789 ng
RT: 10.527 min Scan# 1433
Delta R.T. 0.005 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

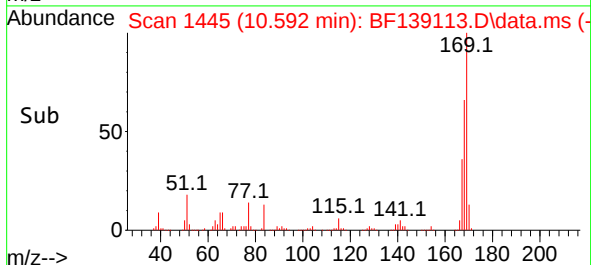
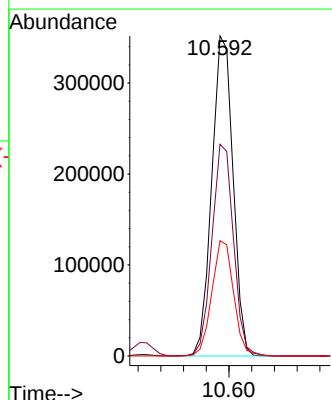
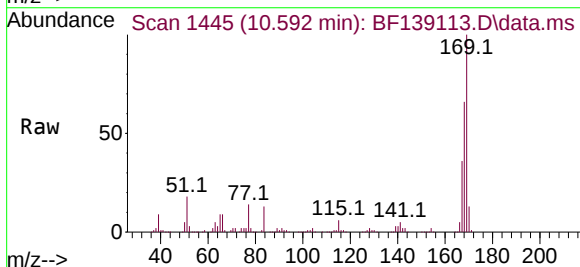
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

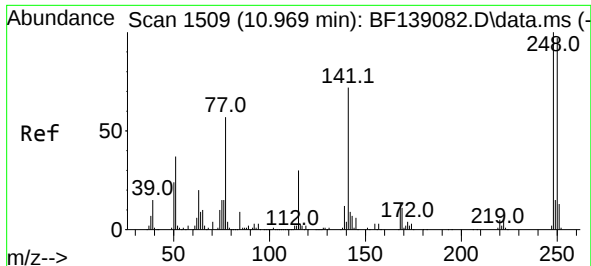
Tgt Ion:198 Resp: 79475
Ion Ratio Lower Upper
198 100
51 50.2 40.8 80.8
105 43.5 30.9 70.9



#66
n-Nitrosodiphenylamine
Concen: 41.204 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:169 Resp: 456509
Ion Ratio Lower Upper
169 100
168 66.2 52.4 78.6
167 36.0 28.6 43.0

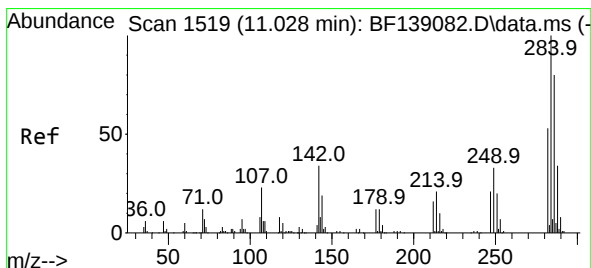
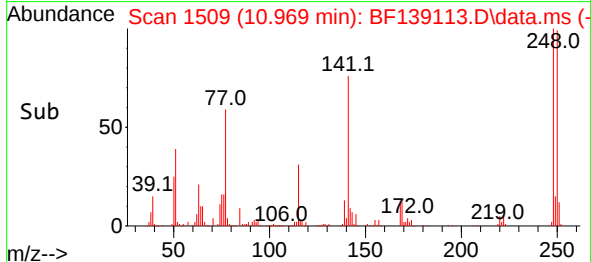
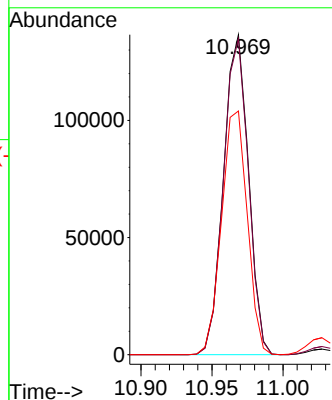
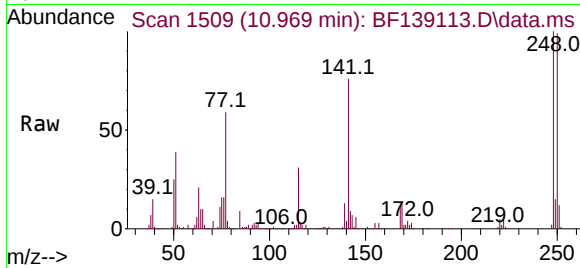




#67
4-Bromophenyl-phenylether
Concen: 42.217 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

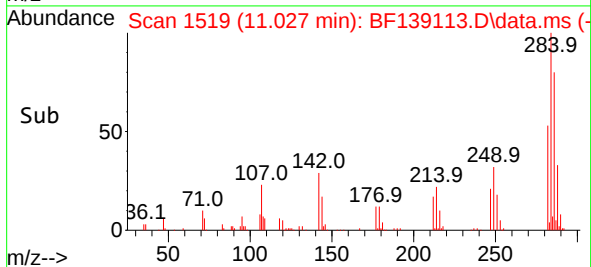
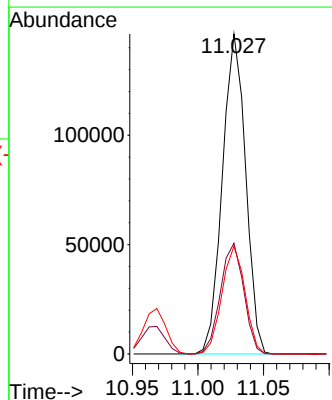
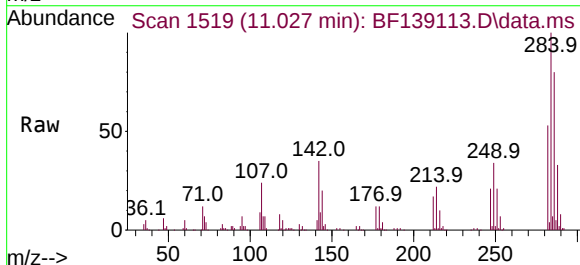
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

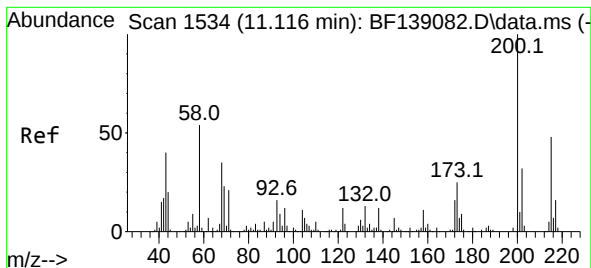
Tgt Ion:248 Resp: 167500
Ion Ratio Lower Upper
248 100
250 98.7 77.8 116.8
141 76.2 57.9 86.9



#68
Hexachlorobenzene
Concen: 42.310 ng
RT: 11.027 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:284 Resp: 180097
Ion Ratio Lower Upper
284 100
142 34.6 27.1 40.7
249 33.6 26.8 40.2





#69

Atrazine

Concen: 42.845 ng

RT: 11.121 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

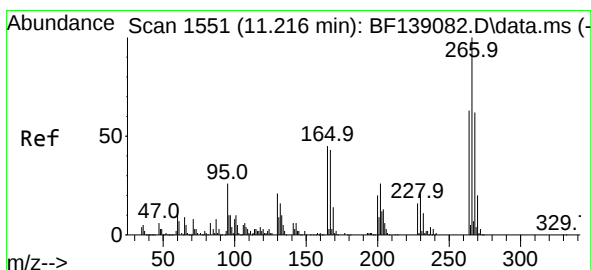
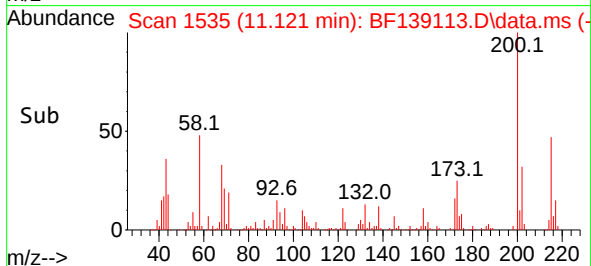
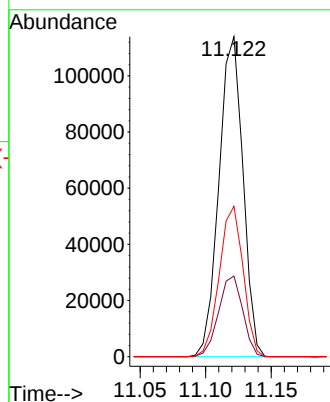
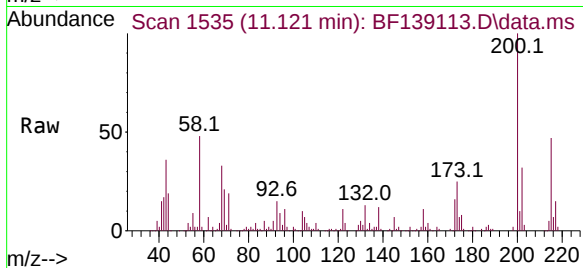
Tgt Ion:200 Resp: 144972

Ion Ratio Lower Upper

200 100

173 25.2 5.2 45.2

215 47.0 27.9 67.9



#70

Pentachlorophenol

Concen: 47.403 ng

RT: 11.222 min Scan# 1552

Delta R.T. 0.006 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

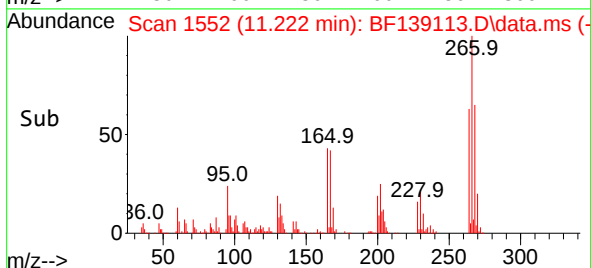
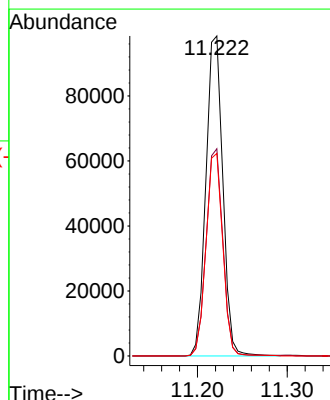
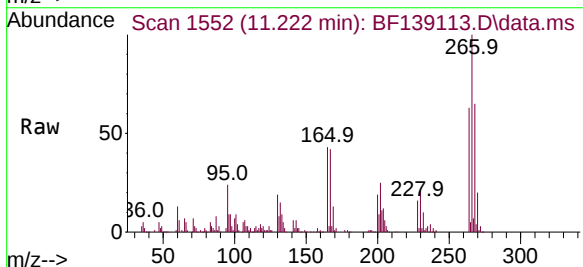
Tgt Ion:266 Resp: 128891

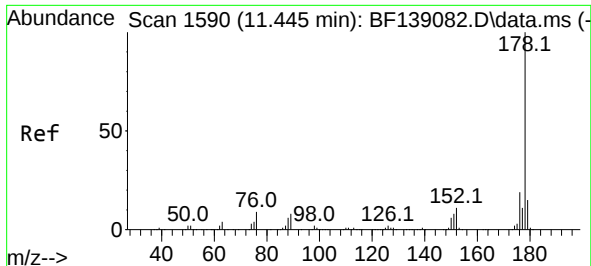
Ion Ratio Lower Upper

266 100

268 64.8 49.5 74.3

264 63.3 50.0 75.0

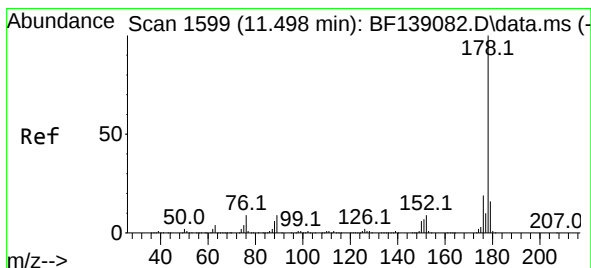
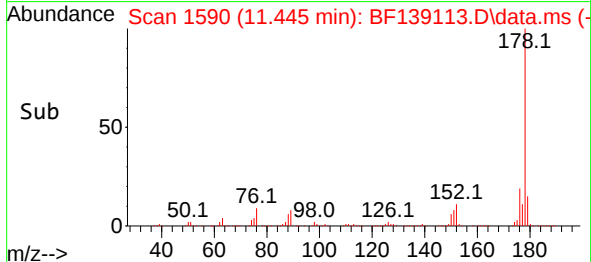
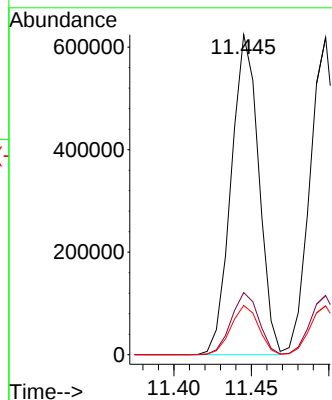
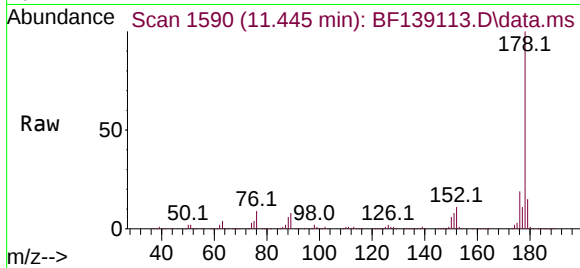




#71
Phenanthrene
Concen: 40.630 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

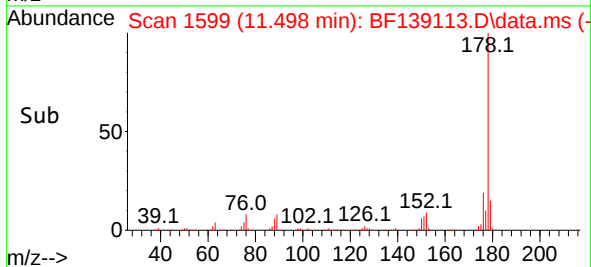
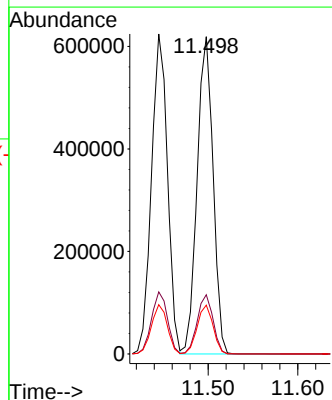
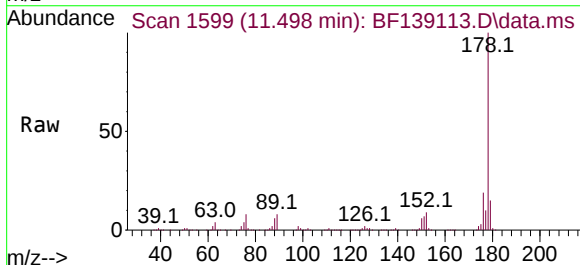
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

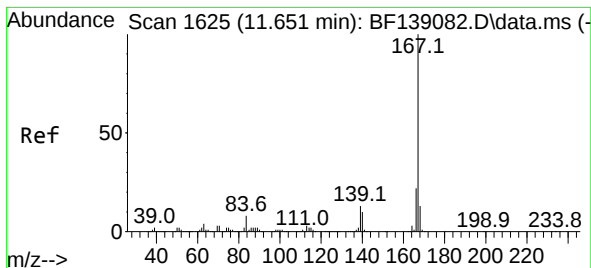
Tgt Ion:178 Resp: 773264
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.4 12.3 18.5



#72
Anthracene
Concen: 41.029 ng
RT: 11.498 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF139113.D
Acq: 22 Aug 2024 10:25

Tgt Ion:178 Resp: 763654
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.4 12.4 18.6





#73

Carbazole

Concen: 40.313 ng

RT: 11.651 min Scan# 1625

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

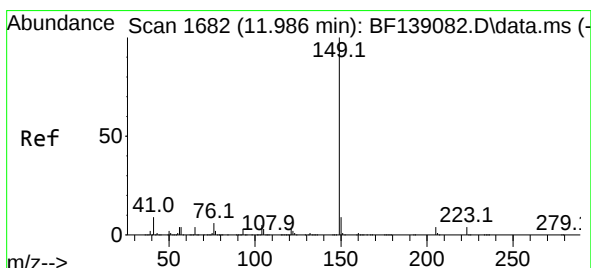
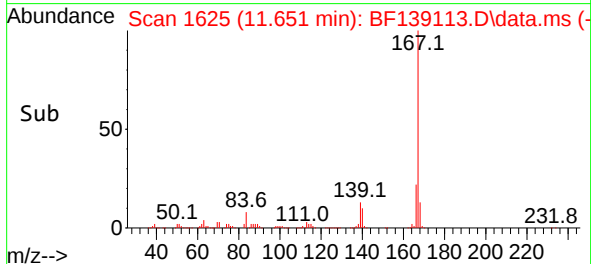
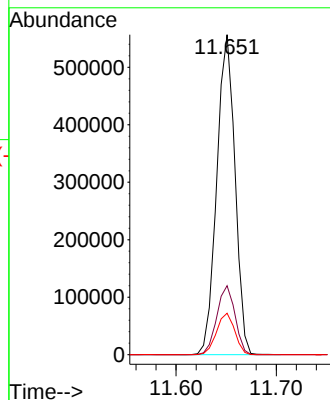
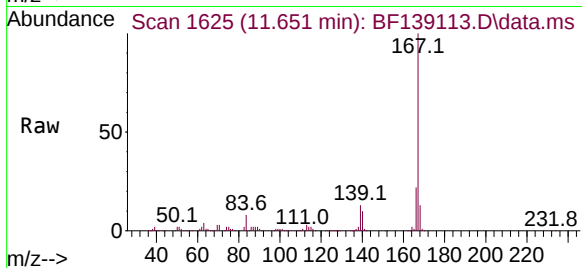
Tgt Ion:167 Resp: 700649

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 13.0 10.5 15.7



#74

Di-n-butylphthalate

Concen: 42.761 ng

RT: 11.986 min Scan# 1682

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

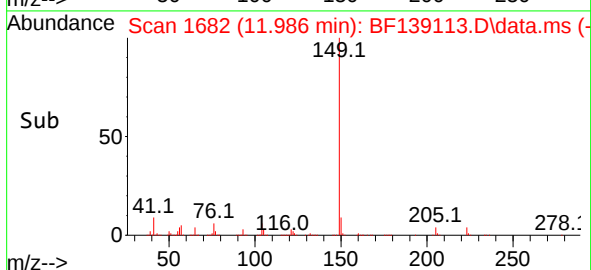
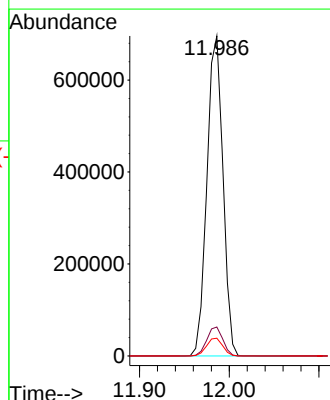
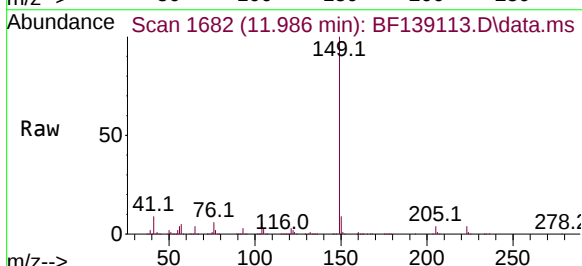
Tgt Ion:149 Resp: 861743

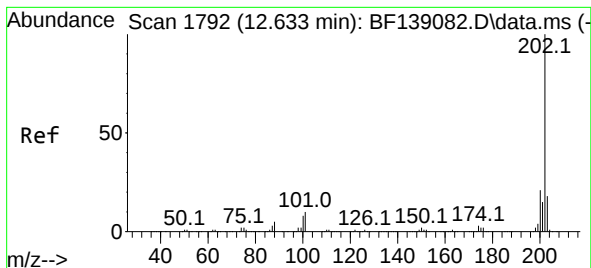
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 40.009 ng

RT: 12.633 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139113.D

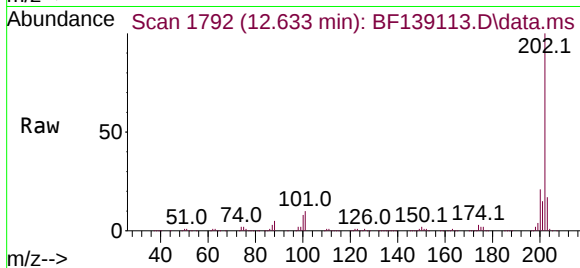
Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



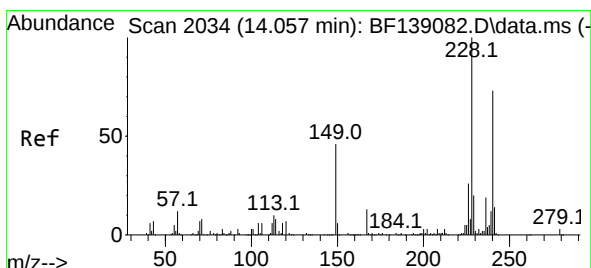
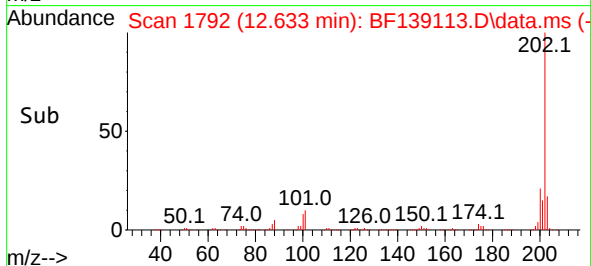
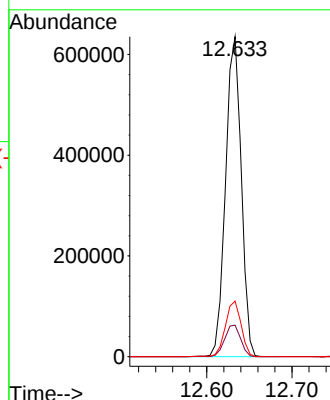
Tgt Ion:202 Resp: 812716

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.2

203 17.3 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: BF139113.D

Acq: 22 Aug 2024 10:25

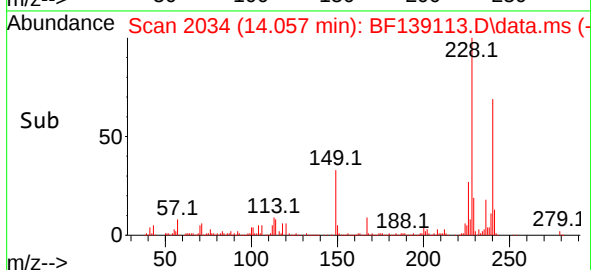
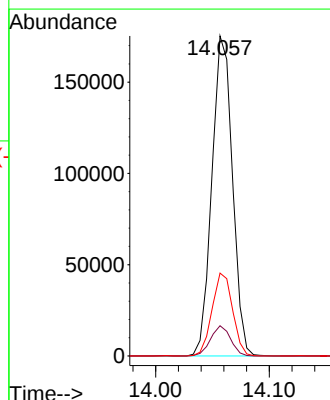
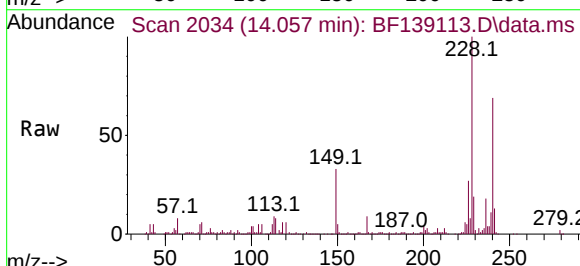
Tgt Ion:240 Resp: 220430

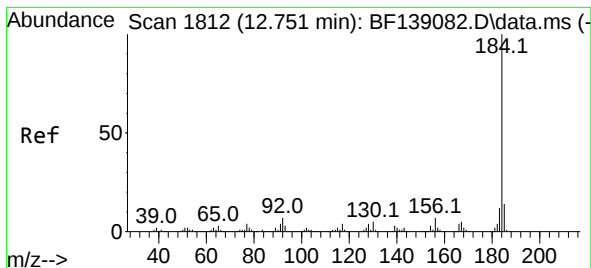
Ion Ratio Lower Upper

240 100

120 9.5 7.8 11.6

236 25.9 20.9 31.3





#77

Benzidine

Concen: 54.783 ng

RT: 12.751 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

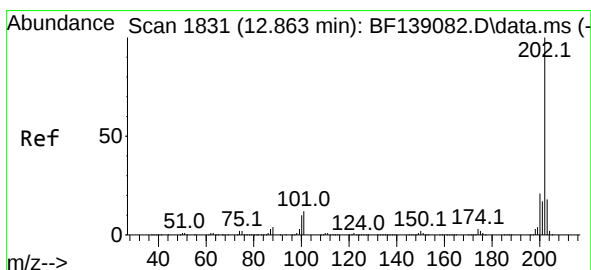
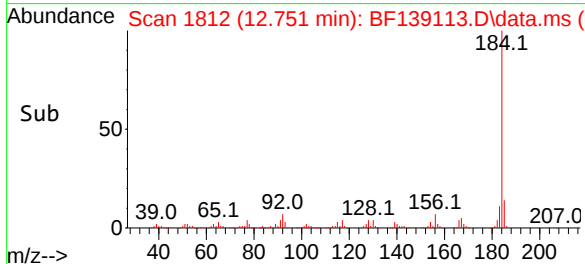
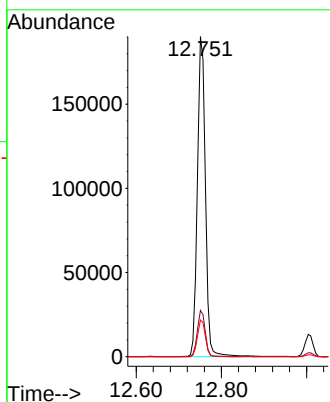
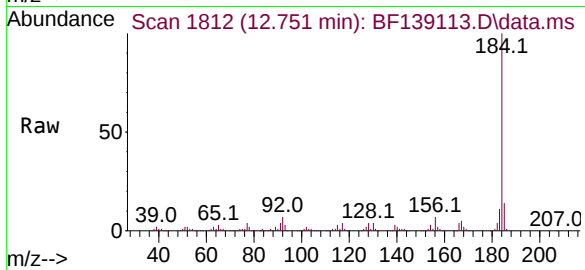
Tgt Ion:184 Resp: 249442

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 11.4 9.8 14.6



#78

Pyrene

Concen: 44.155 ng

RT: 12.863 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

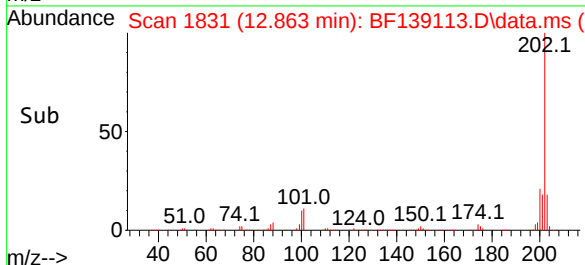
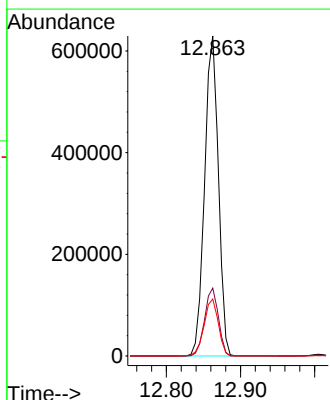
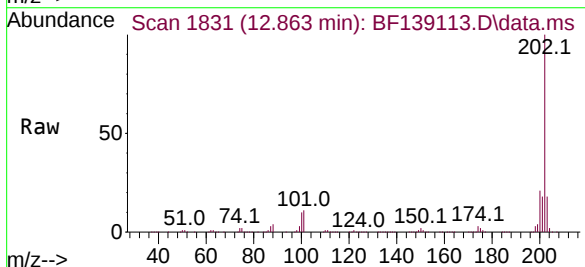
Tgt Ion:202 Resp: 812250

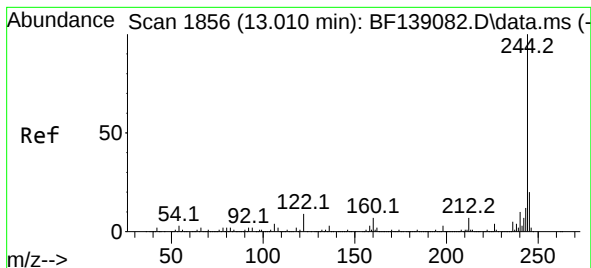
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 92.249 ng

RT: 13.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

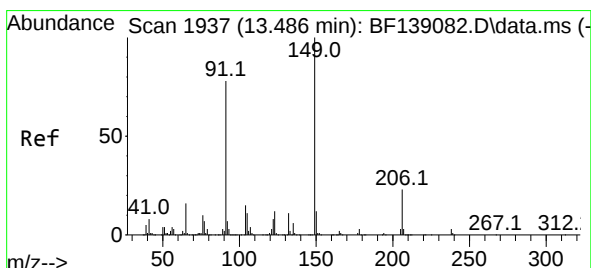
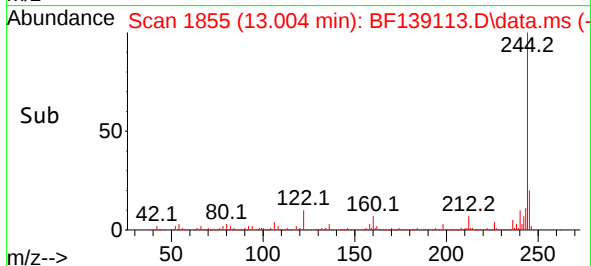
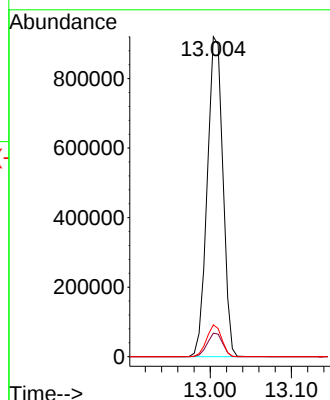
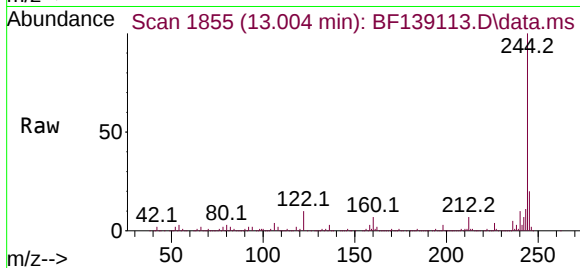
Tgt Ion:244 Resp: 1225485

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.9 7.6 11.4



#80

Butylbenzylphthalate

Concen: 47.527 ng

RT: 13.480 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

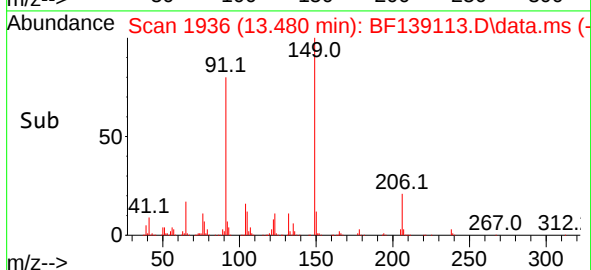
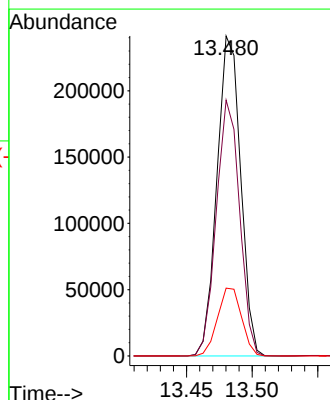
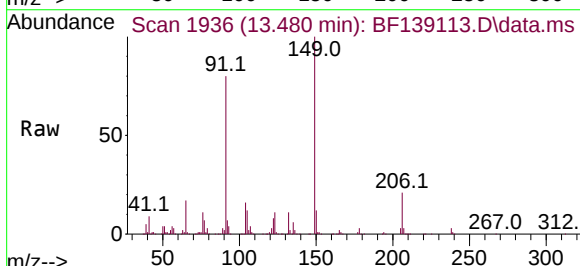
Tgt Ion:149 Resp: 302466

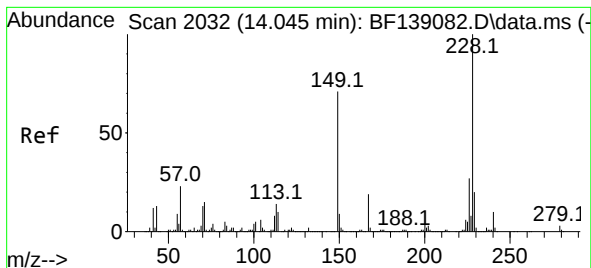
Ion Ratio Lower Upper

149 100

91 80.0 62.1 93.1

206 21.2 18.0 27.0





#81

Benzo(a)anthracene

Concen: 42.302 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

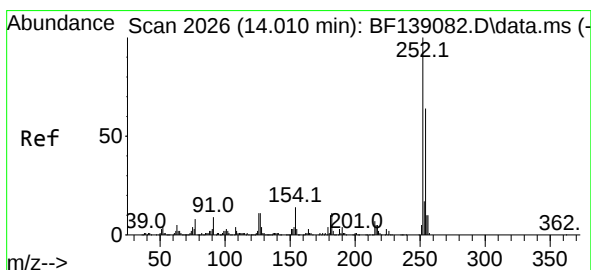
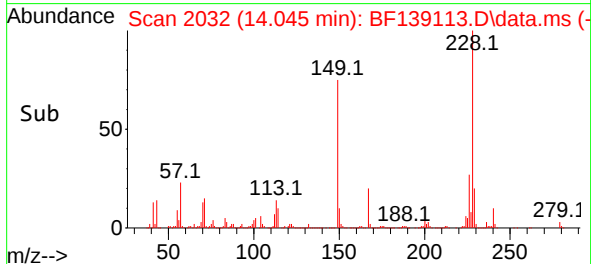
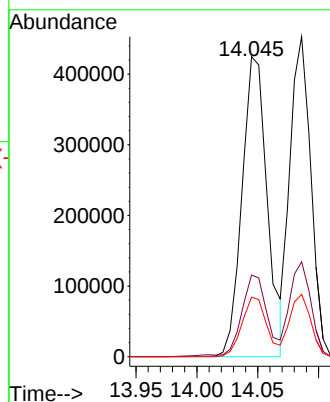
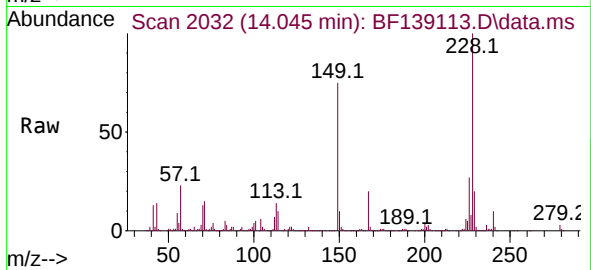
Tgt Ion:228 Resp: 612966

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

229 19.8 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 44.421 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

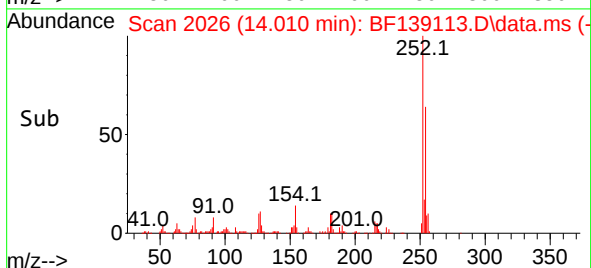
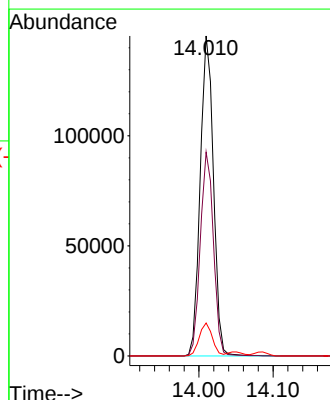
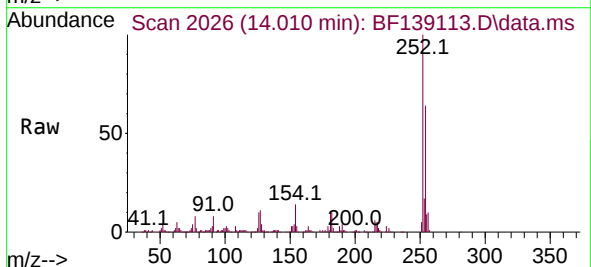
Tgt Ion:252 Resp: 179919

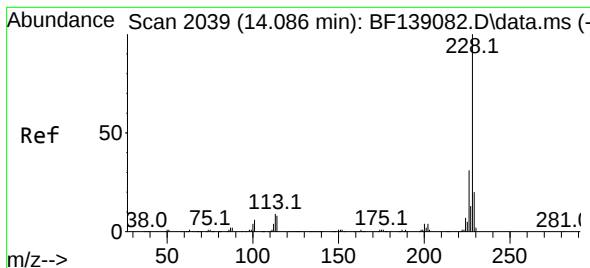
Ion Ratio Lower Upper

252 100

254 63.7 51.4 77.0

126 10.3 8.6 12.8





#83

Chrysene

Concen: 41.110 ng

RT: 14.086 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

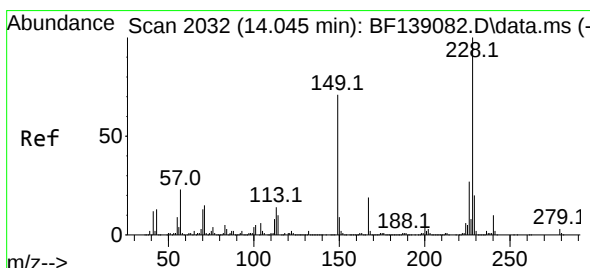
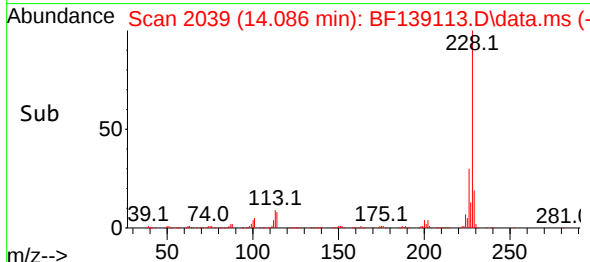
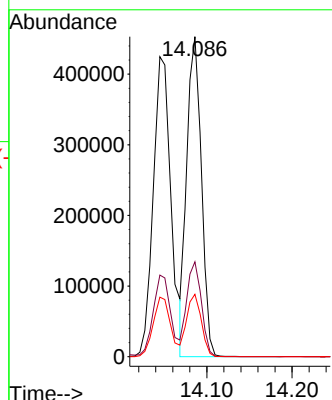
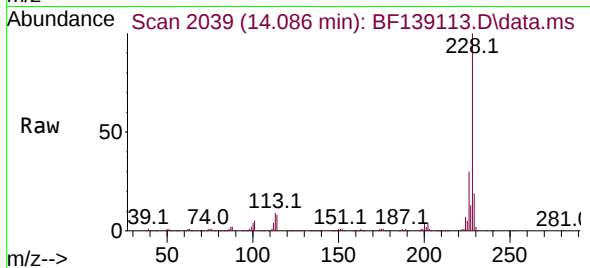
Tgt Ion:228 Resp: 539940

Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.092 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

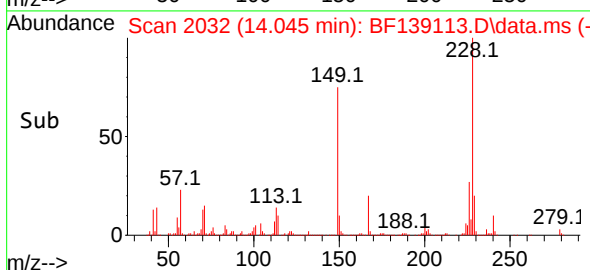
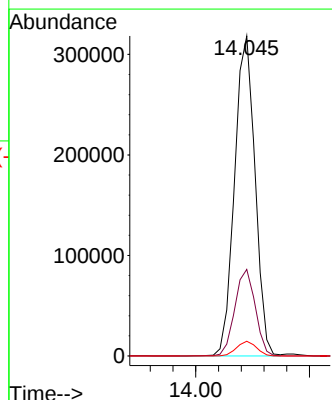
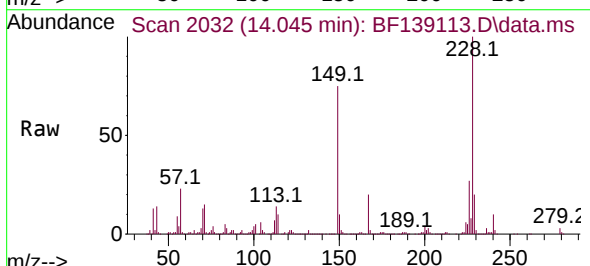
Tgt Ion:149 Resp: 397307

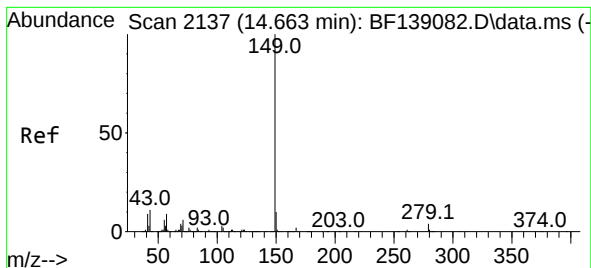
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

279 4.6 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 48.032 ng

RT: 14.657 min Scan# 2136

Delta R.T. -0.006 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

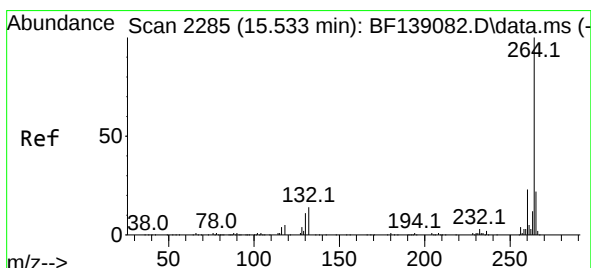
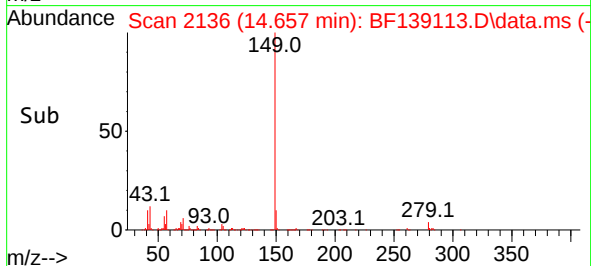
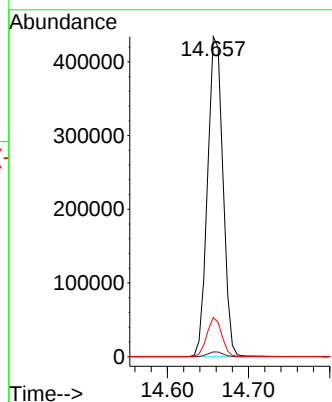
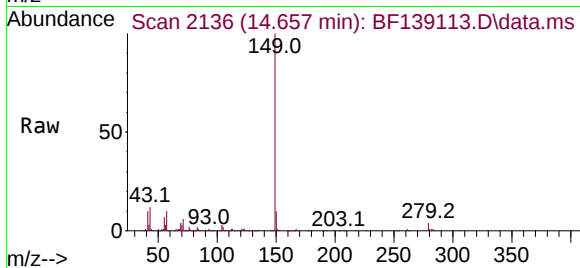
Tgt Ion:149 Resp: 568765

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.9 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: BF139113.D

Acq: 22 Aug 2024 10:25

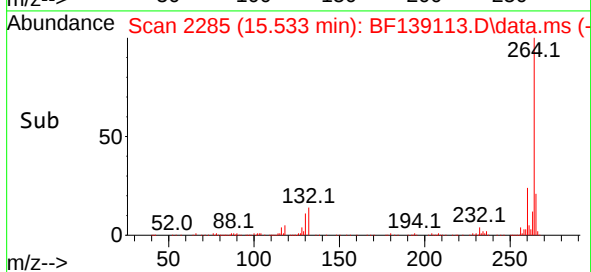
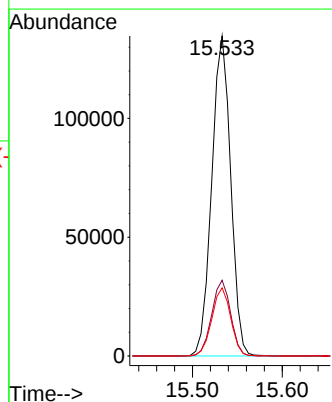
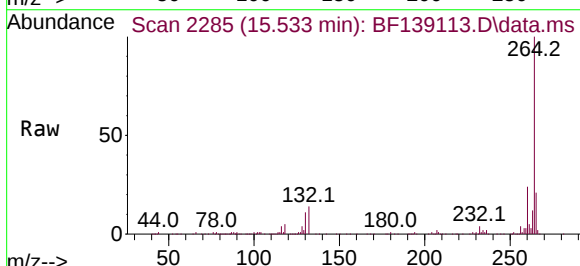
Tgt Ion:264 Resp: 197324

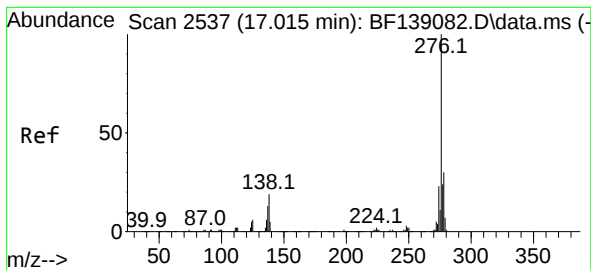
Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.057 ng

RT: 17.021 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

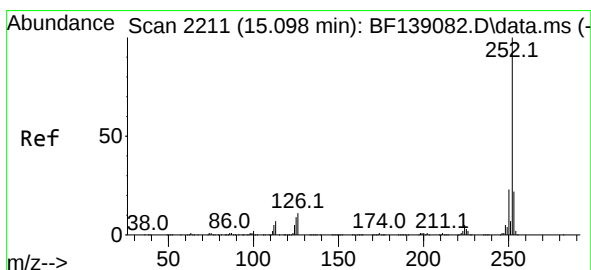
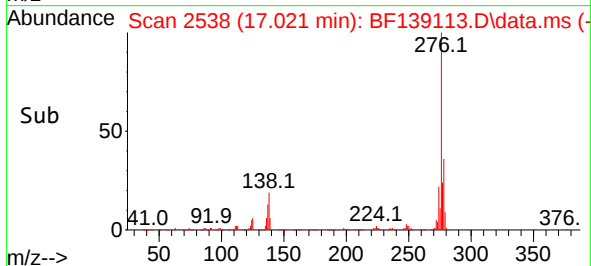
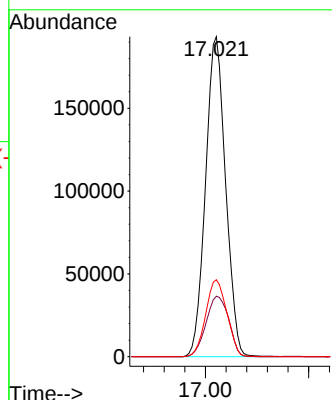
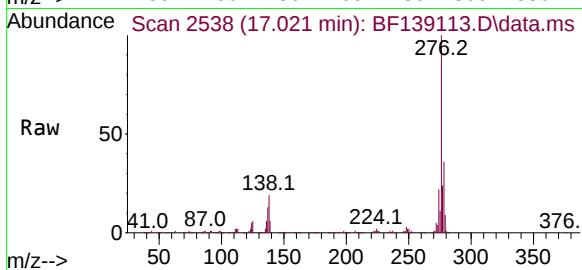
Tgt Ion:276 Resp: 520345

Ion Ratio Lower Upper

276 100

138 21.5 17.3 25.9

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 40.329 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.006 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

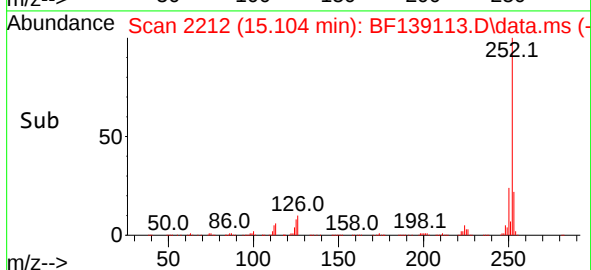
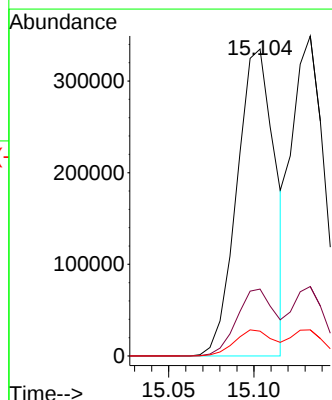
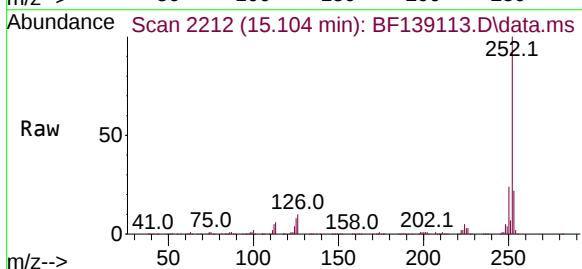
Tgt Ion:252 Resp: 518806

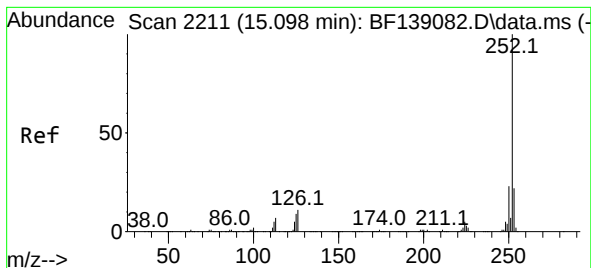
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.1 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 42.972 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

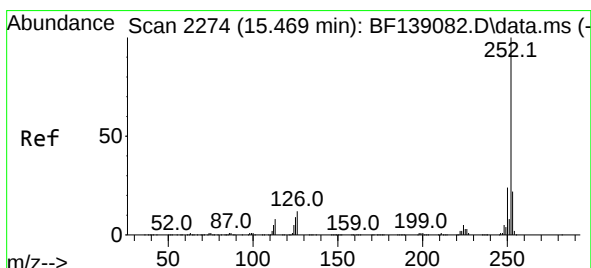
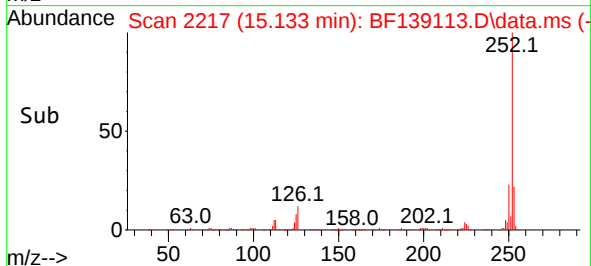
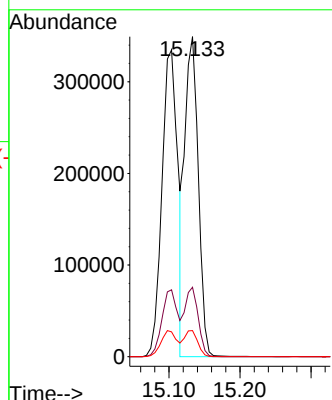
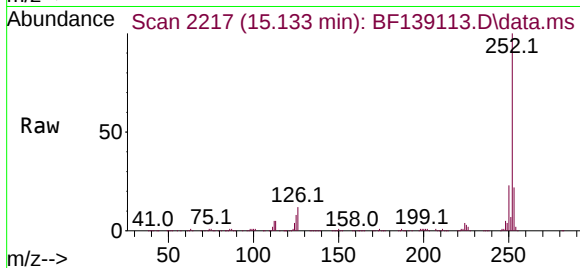
Tgt Ion:252 Resp: 460417

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 8.2 7.0 10.6



#90

Benzo(a)pyrene

Concen: 42.171 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

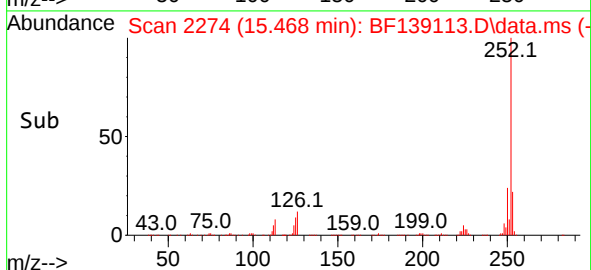
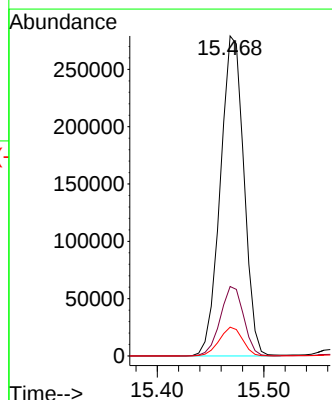
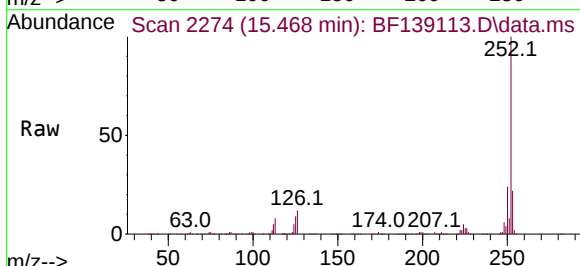
Tgt Ion:252 Resp: 428665

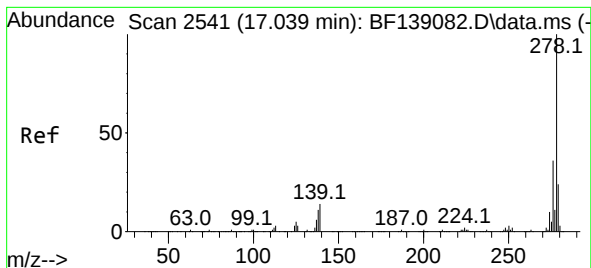
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.0 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 45.754 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

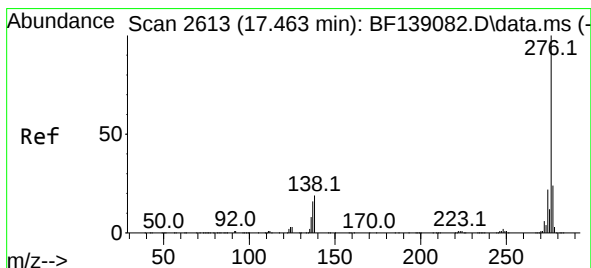
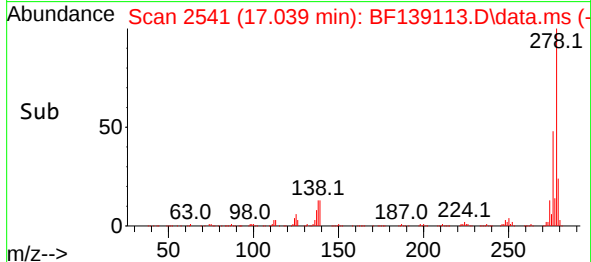
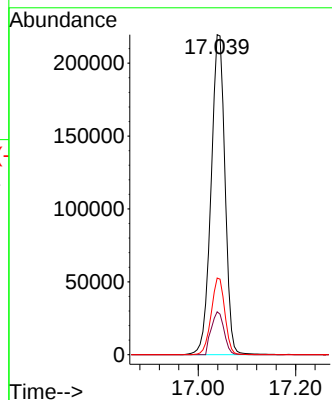
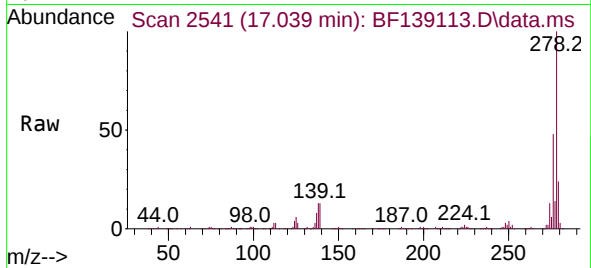
Tgt Ion:278 Resp: 433744

Ion Ratio Lower Upper

278 100

139 13.4 10.8 16.2

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 39.972 ng

RT: 17.468 min Scan# 2614

Delta R.T. 0.005 min

Lab File: BF139113.D

Acq: 22 Aug 2024 10:25

Tgt Ion:276 Resp: 427561

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 18.4 15.0 22.4

