

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139199.D
 Acq On : 28 Aug 2024 10:06
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 28 10:31:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	92923	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	340348	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	192848	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	338473	20.000	ng	0.00
76) Chrysene-d12	14.045	240	172984	20.000	ng	0.00
86) Perylene-d12	15.515	264	177987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	481700	87.107	ng	0.00
7) Phenol-d6	6.522	99	629634	82.963	ng	0.00
23) Nitrobenzene-d5	7.457	82	596211	97.048	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	165273	100.065	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1010118	81.363	ng	0.00
79) Terphenyl-d14	12.998	244	956184	86.248	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	104983	40.144	ng	97
3) Pyridine	3.422	79	264963	40.768	ng	99
4) n-Nitrosodimethylamine	3.381	42	147100	38.877	ng	96
6) Aniline	6.557	93	293267	41.223	ng	98
8) 2-Chlorophenol	6.681	128	239862	45.654	ng	96
9) Benzaldehyde	6.445	77	193519	40.739	ng	100
10) Phenol	6.534	94	332511	43.412	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	241480	40.014	ng	99
12) 1,3-Dichlorobenzene	6.834	146	284074	41.002	ng	99
13) 1,4-Dichlorobenzene	6.910	146	284258	40.894	ng	99
14) 1,2-Dichlorobenzene	7.063	146	266387	40.732	ng	98
15) Benzyl Alcohol	7.034	79	253989	44.400	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	351136	40.137	ng	99
17) 2-Methylphenol	7.139	107	204386	42.673	ng	97
18) Hexachloroethane	7.404	117	99849	45.403	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	195645	43.101	ng	100
20) 3+4-Methylphenols	7.292	107	262609	42.984	ng	# 85
22) Acetophenone	7.304	105	354624	40.552	ng	97
24) Nitrobenzene	7.475	77	312211	43.915	ng	97
25) Isophorone	7.710	82	512412	42.177	ng	100
26) 2-Nitrophenol	7.792	139	116616	52.575	ng	99
27) 2,4-Dimethylphenol	7.822	122	160920	44.689	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	290162	41.253	ng	99
29) 2,4-Dichlorophenol	8.028	162	207824	46.759	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	236283	41.225	ng	100
31) Naphthalene	8.198	128	712228	40.926	ng	100
32) Benzoic acid	7.928	122	153836	49.565	ng	99
33) 4-Chloroaniline	8.245	127	247371	41.248	ng	98
34) Hexachlorobutadiene	8.310	225	156582	42.041	ng	99
35) Caprolactam	8.610	113	63029	46.227	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	231792	45.473	ng	98
37) 2-Methylnaphthalene	8.886	142	455313	41.734	ng	99
38) 1-Methylnaphthalene	8.986	142	447938	42.008	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	234894	41.065	ng	99
41) Hexachlorocyclopentadiene	9.039	237	90172	49.093	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	161481	50.488	ng	99

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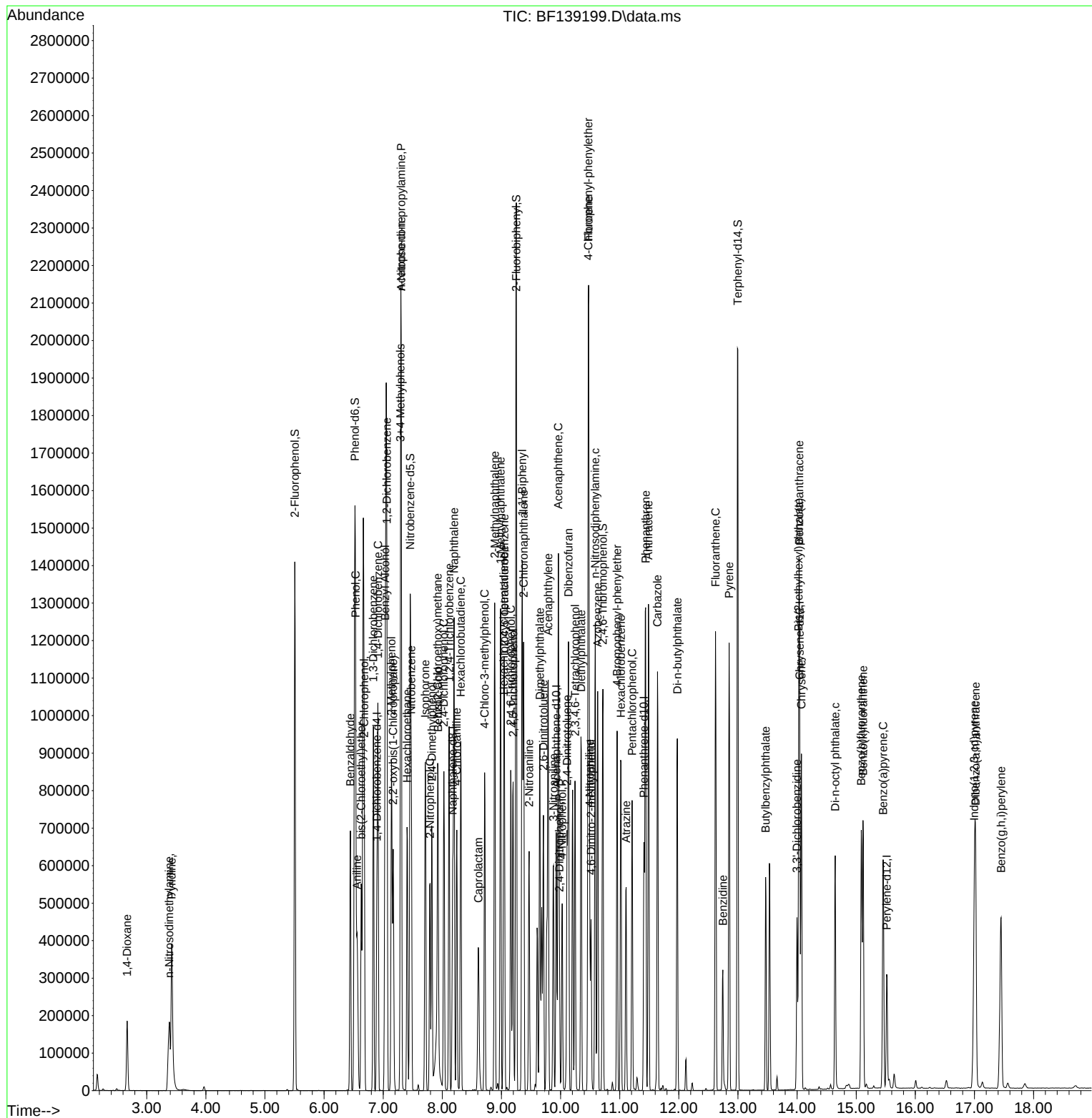
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	157833	47.079	ng	99
46) 1,1'-Biphenyl	9.351	154	573304	41.071	ng	100
47) 2-Chloronaphthalene	9.375	162	453609	40.733	ng	99
48) 2-Nitroaniline	9.469	65	148475	45.618	ng	96
49) Acenaphthylene	9.792	152	653367	41.638	ng	99
50) Dimethylphthalate	9.651	163	504253	45.264	ng	100
51) 2,6-Dinitrotoluene	9.710	165	114990	48.202	ng	90
52) Acenaphthene	9.963	154	439597	42.646	ng	99
53) 3-Nitroaniline	9.880	138	110694	45.753	ng	96
54) 2,4-Dinitrophenol	9.980	184	53763	57.198	ng	# 64
55) Dibenzofuran	10.133	168	626342	41.634	ng	99
56) 4-Nitrophenol	10.027	139	89631	46.373	ng	96
57) 2,4-Dinitrotoluene	10.110	165	150332	49.500	ng	92
58) Fluorene	10.475	166	493440	41.575	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	132314	49.243	ng	99
60) Diethylphthalate	10.345	149	484743	46.208	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	248558	42.673	ng	99
62) 4-Nitroaniline	10.492	138	110298	45.106	ng	96
63) Azobenzene	10.627	77	539205	42.282	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	74783	54.779	ng	94
66) n-Nitrosodiphenylamine	10.586	169	413839	41.284	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	154845	43.056	ng	98
68) Hexachlorobenzene	11.022	284	165284	42.467	ng	98
69) Atrazine	11.110	200	89553	40.958	ng	100
70) Pentachlorophenol	11.210	266	113728	49.771	ng	98
71) Phenanthrene	11.439	178	691981	40.457	ng	100
72) Anthracene	11.486	178	682940	40.961	ng	99
73) Carbazole	11.639	167	607535	40.733	ng	99
74) Di-n-butylphthalate	11.974	149	629611	48.705	ng	100
75) Fluoranthene	12.621	202	679608	40.943	ng	100
77) Benzidine	12.745	184	169890	58.201	ng	98
78) Pyrene	12.851	202	678556	41.760	ng	100
80) Butylbenzylphthalate	13.468	149	169757	50.587	ng	97
81) Benzo(a)anthracene	14.039	228	469713	40.982	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	129406	48.493	ng	99
83) Chrysene	14.074	228	417116	40.344	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	212145	56.653	ng	100
85) Di-n-octyl phthalate	14.645	149	382195	49.542	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	505734	41.556	ng	100
88) Benzo(b)fluoranthene	15.086	252	450173	43.237	ng	100
89) Benzo(k)fluoranthene	15.115	252	372942	39.619	ng	99
90) Benzo(a)pyrene	15.457	252	372771	42.180	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	417828	41.888	ng	99
92) Benzo(g,h,i)perylene	17.451	276	429099	41.589	ng	99

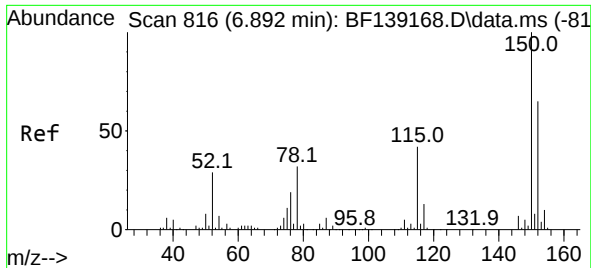
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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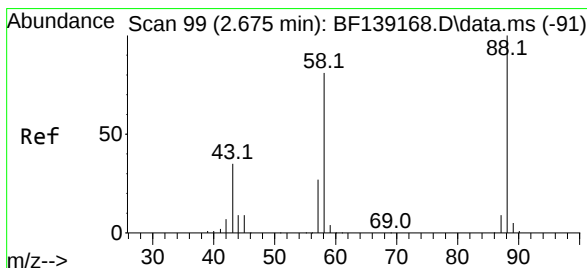
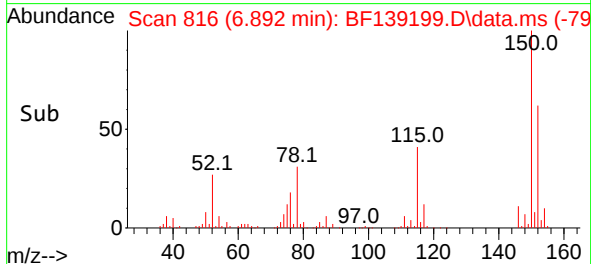
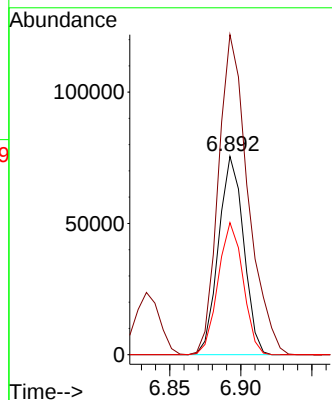
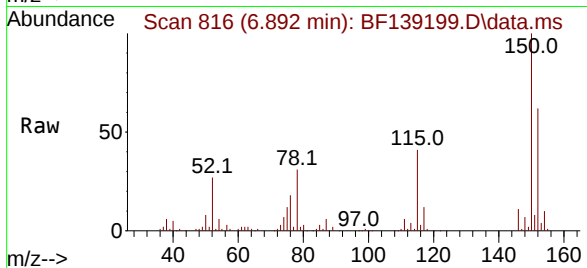




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF139199.D
 Acq: 28 Aug 2024 10:06

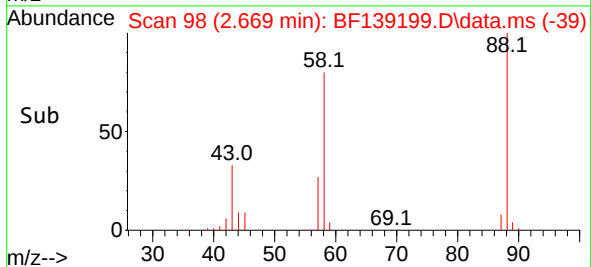
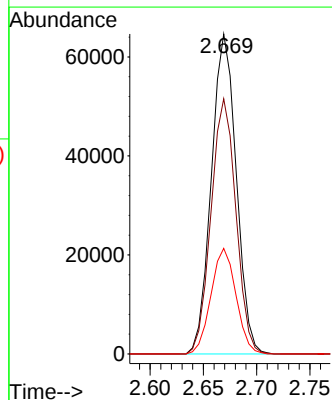
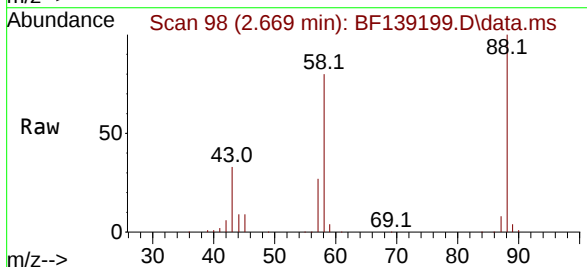
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

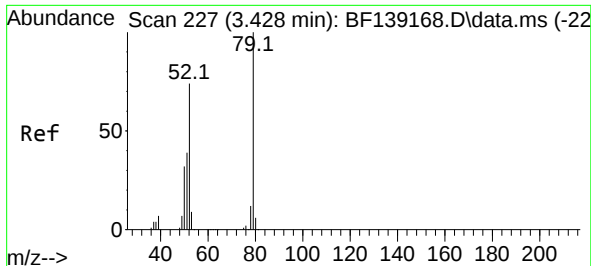
Tgt Ion:152 Resp: 92923
 Ion Ratio Lower Upper
 152 100
 150 161.4 123.7 185.5
 115 66.6 51.8 77.8



#2
 1,4-Dioxane
 Concen: 40.144 ng
 RT: 2.669 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BF139199.D
 Acq: 28 Aug 2024 10:06

Tgt Ion: 88 Resp: 104983
 Ion Ratio Lower Upper
 88 100
 58 79.5 65.0 97.6
 43 33.2 28.4 42.6





#3

Pyridine

Concen: 40.768 ng

RT: 3.422 min Scan# 219

Delta R.T. -0.006 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

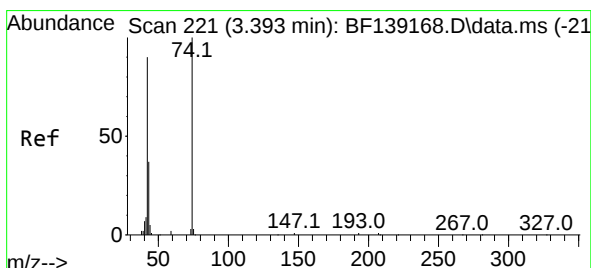
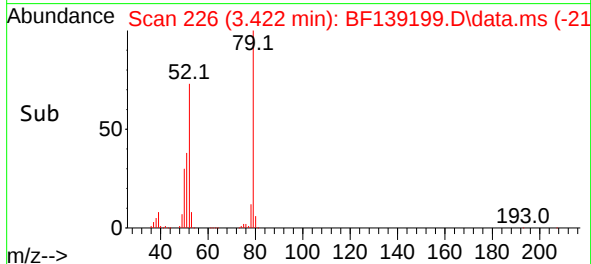
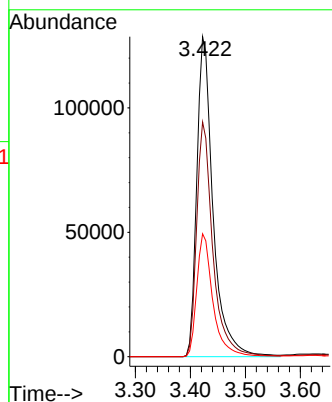
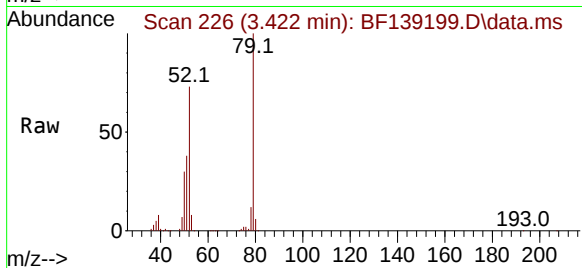
Tgt Ion: 79 Resp: 264963

Ion Ratio Lower Upper

79 100

52 73.3 59.5 89.3

51 38.4 31.4 47.0



#4

n-Nitrosodimethylamine

Concen: 38.877 ng

RT: 3.381 min Scan# 219

Delta R.T. -0.012 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

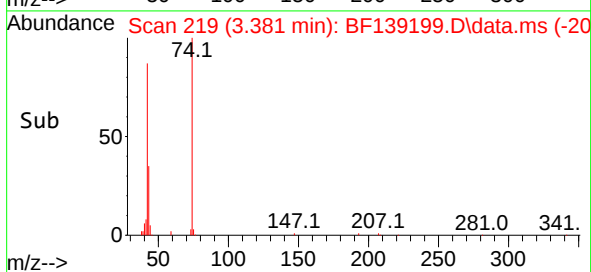
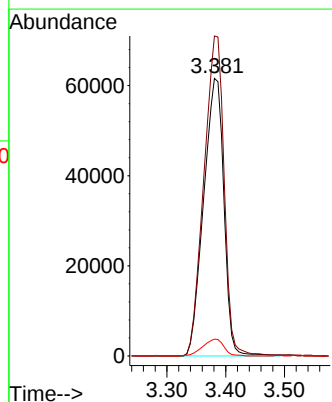
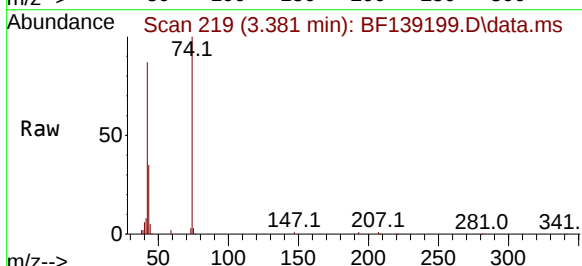
Tgt Ion: 42 Resp: 147100

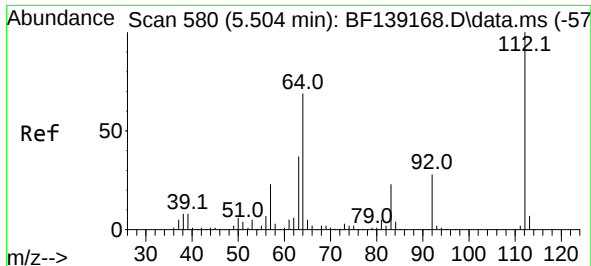
Ion Ratio Lower Upper

42 100

74 115.3 88.6 132.8

44 6.1 5.0 7.4

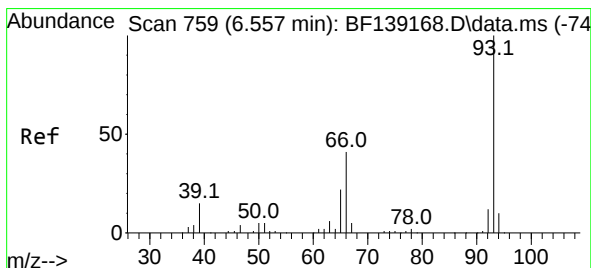
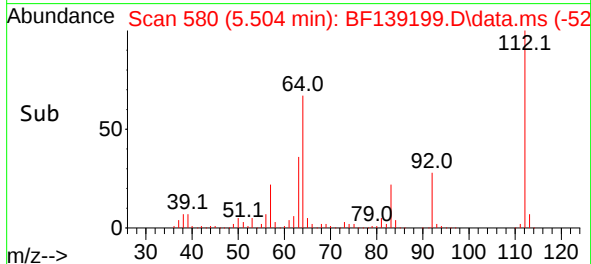
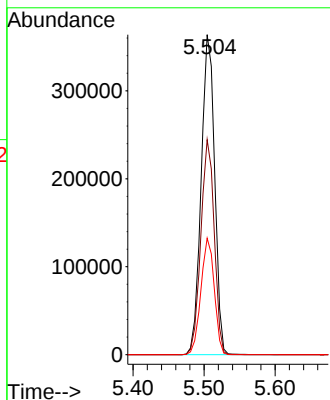
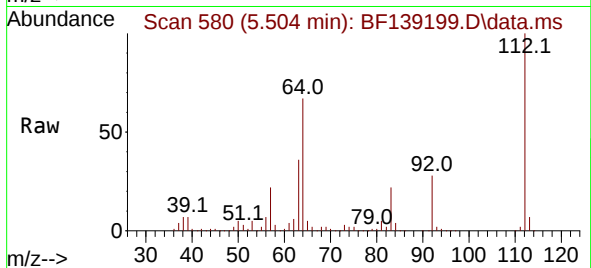




#5
2-Fluorophenol
Concen: 87.107 ng
RT: 5.504 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

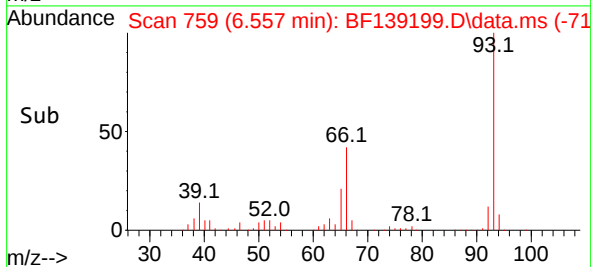
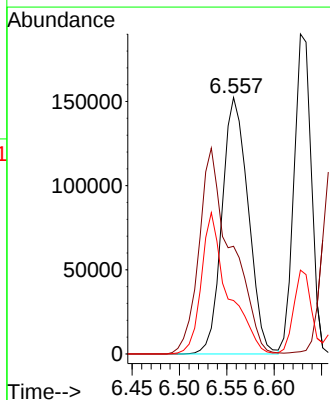
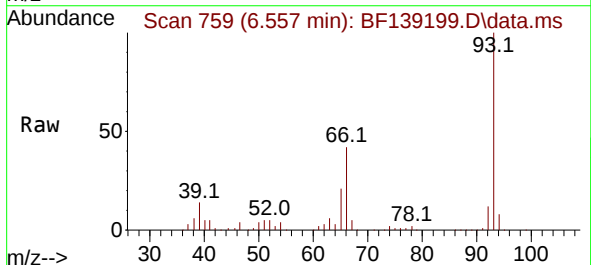
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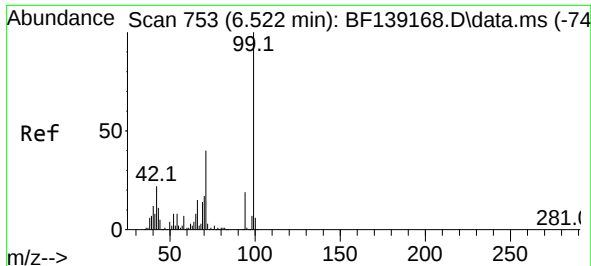
Tgt Ion:112 Resp: 481700
Ion Ratio Lower Upper
112 100
64 67.2 55.5 83.3
63 36.4 29.8 44.6



#6
Aniline
Concen: 41.223 ng
RT: 6.557 min Scan# 759
Delta R.T. -0.030 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion: 93 Resp: 293267
Ion Ratio Lower Upper
93 100
66 42.0 35.0 52.4
65 20.8 17.2 25.8





#7

Phenol-d6

Concen: 82.963 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

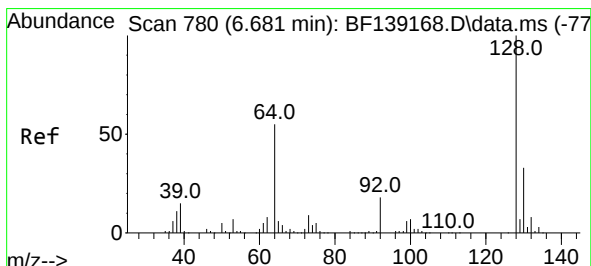
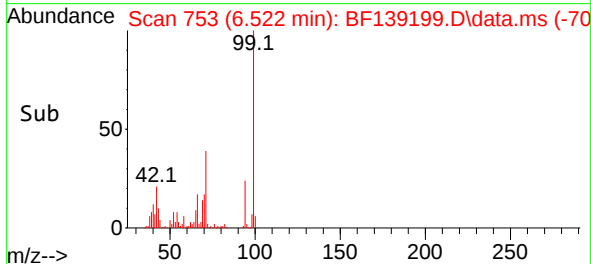
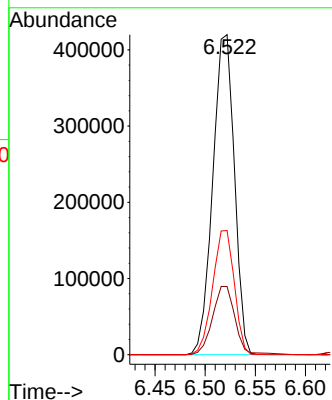
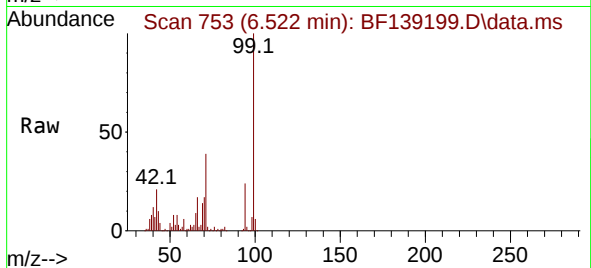
Tgt Ion: 99 Resp: 629634

Ion Ratio Lower Upper

99 100

42 21.3 17.9 26.9

71 38.8 31.7 47.5



#8

2-Chlorophenol

Concen: 45.654 ng

RT: 6.681 min Scan# 780

Delta R.T. -0.000 min

Lab File: BF139199.D

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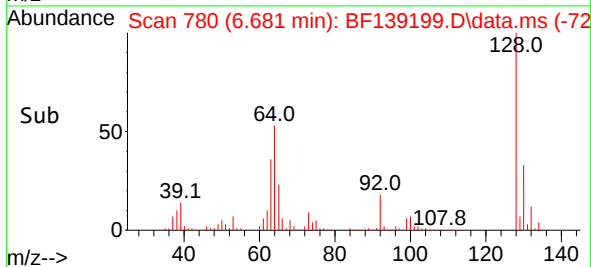
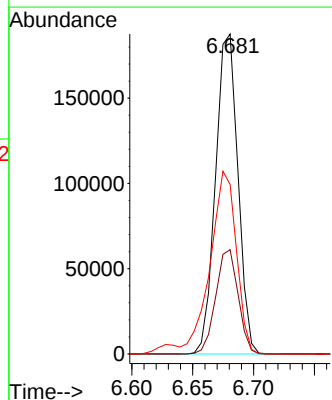
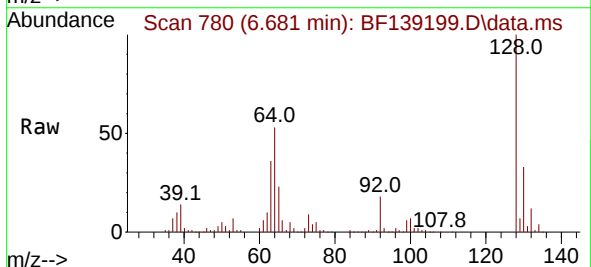
Tgt Ion:128 Resp: 239862

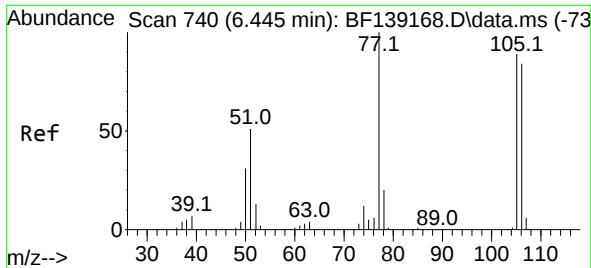
Ion Ratio Lower Upper

128 100

130 32.6 12.5 52.5

64 53.0 37.3 77.3





#9

Benzaldehyde

Concen: 40.739 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.000 min

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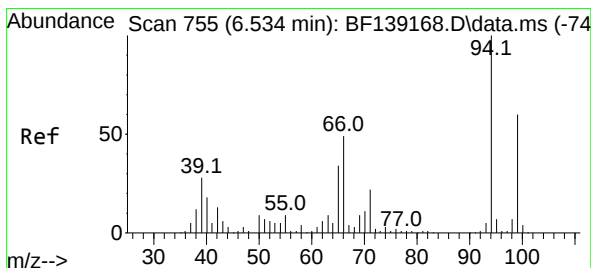
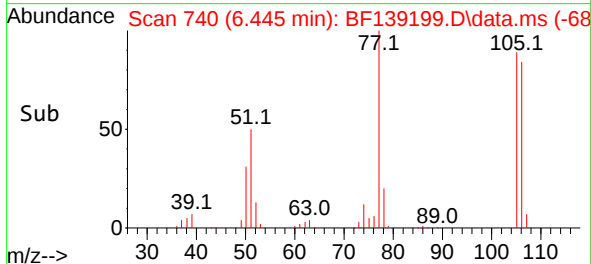
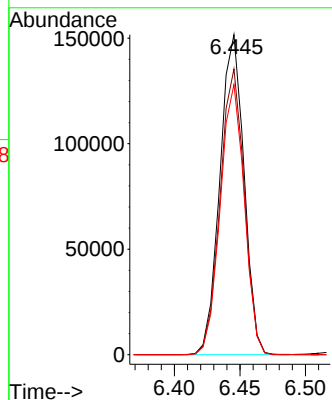
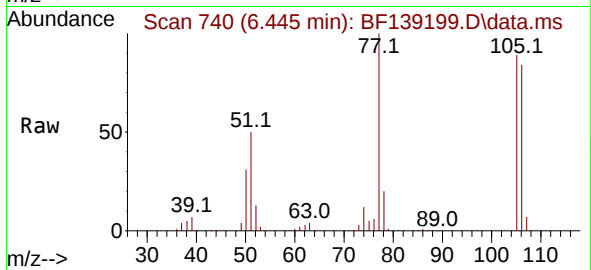
Tgt Ion: 77 Resp: 193519

Ion Ratio Lower Upper

77 100

105 89.3 68.7 108.7

106 84.4 64.2 104.2



#10

Phenol

Concen: 43.412 ng

RT: 6.534 min Scan# 755

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

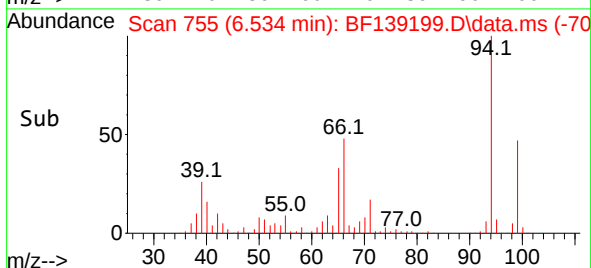
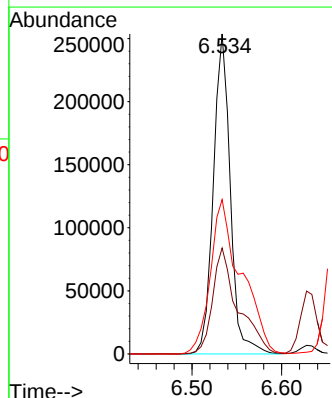
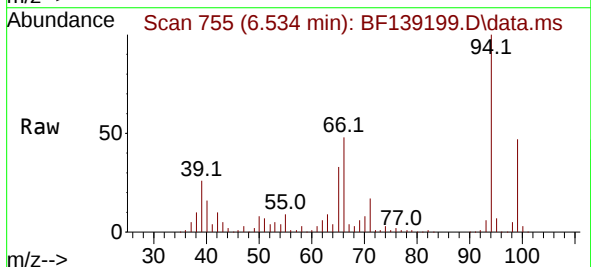
Tgt Ion: 94 Resp: 332511

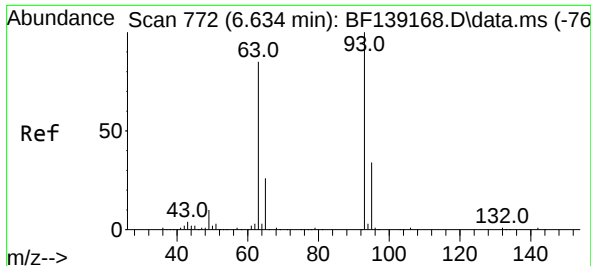
Ion Ratio Lower Upper

94 100

65 33.1 14.1 54.1

66 48.3 29.8 69.8

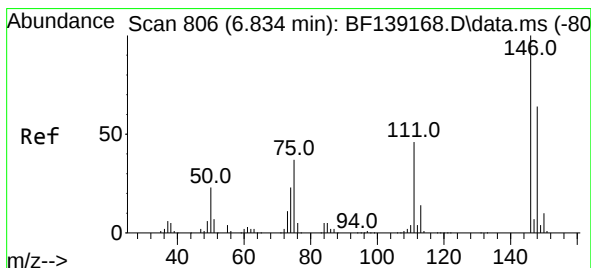
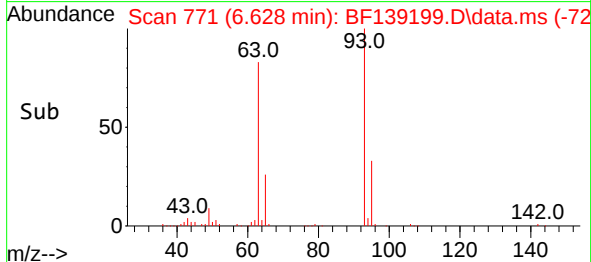
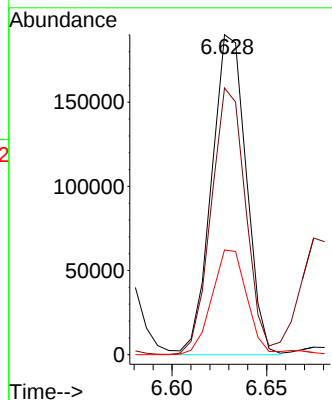
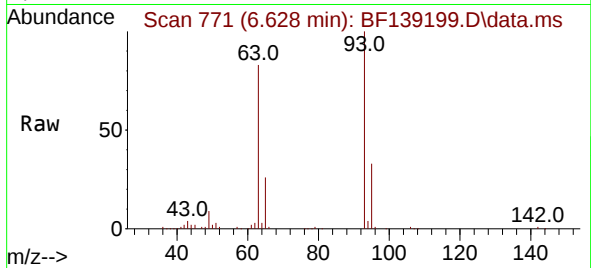




#11
bis(2-Chloroethyl)ether
Concen: 40.014 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

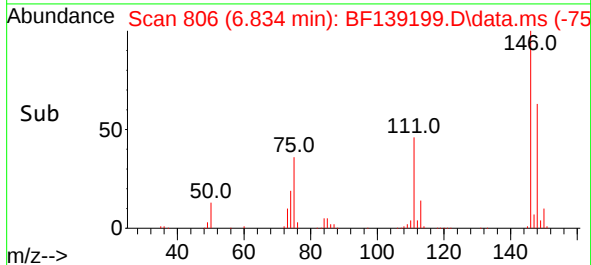
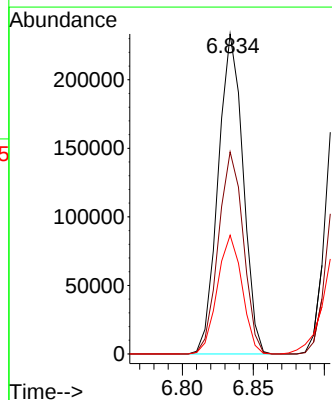
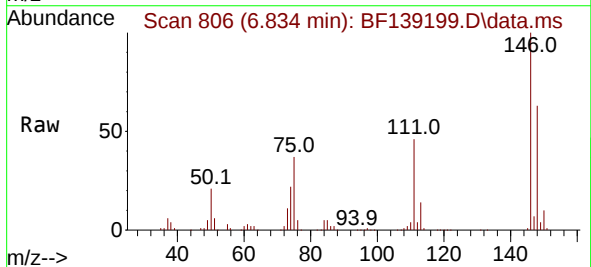
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

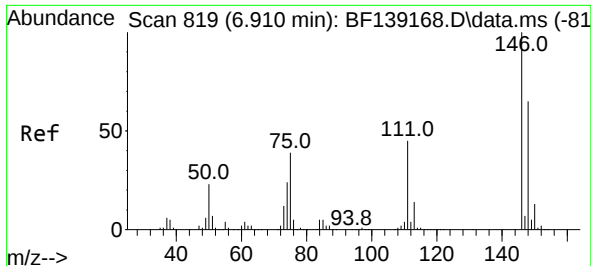
Tgt Ion: 93 Resp: 241480
Ion Ratio Lower Upper
93 100
63 83.4 62.4 102.4
95 32.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.002 ng
RT: 6.834 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:146 Resp: 284074
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
75 37.1 29.9 44.9

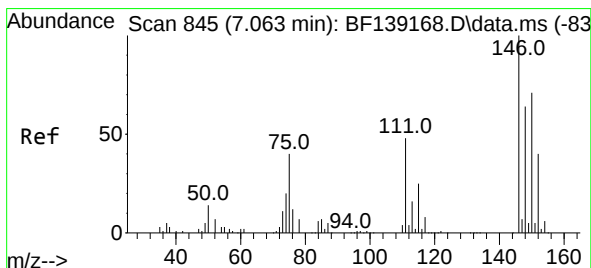
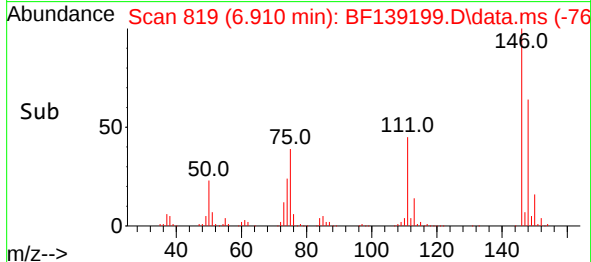
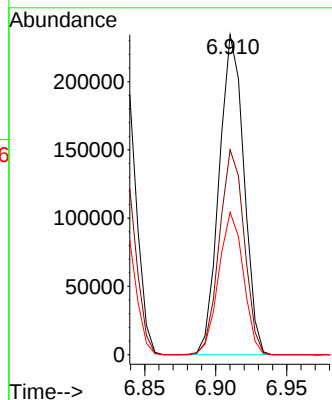
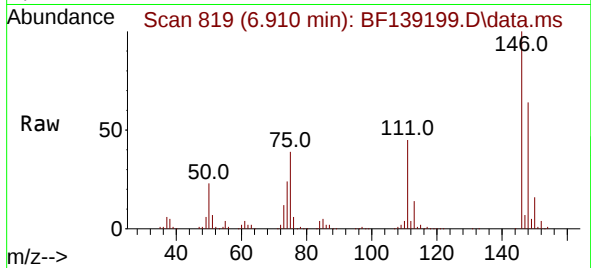




#13
1,4-Dichlorobenzene
Concen: 40.894 ng
RT: 6.910 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

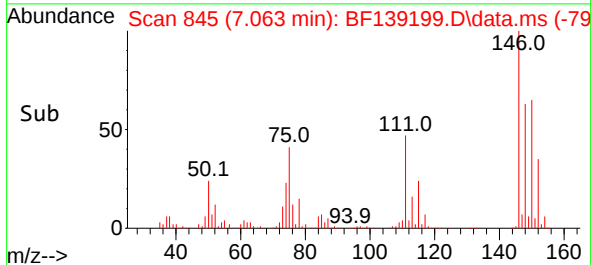
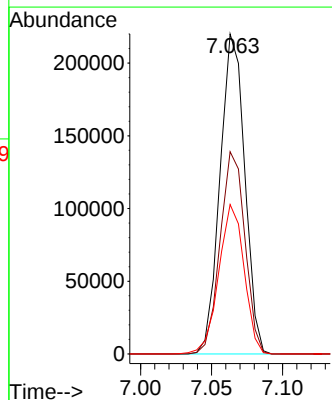
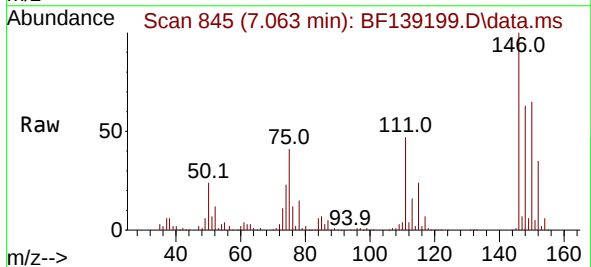
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

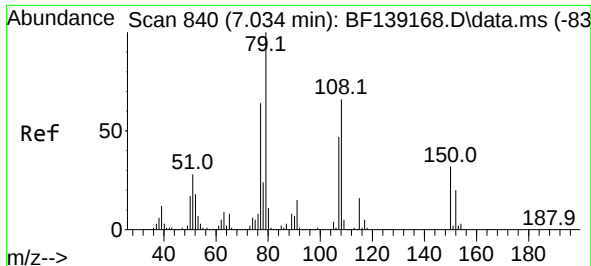
Tgt Ion:146 Resp: 284258
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
111 44.5 35.8 53.8



#14
1,2-Dichlorobenzene
Concen: 40.732 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:146 Resp: 266387
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.2
111 46.7 38.6 58.0

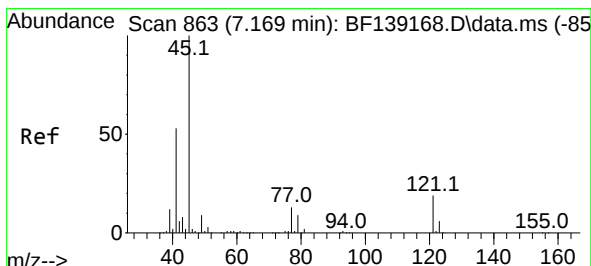
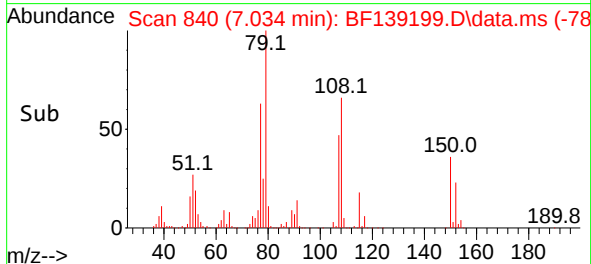
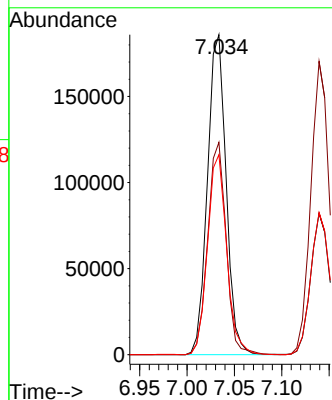
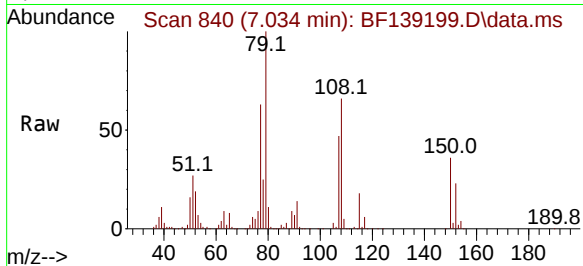




#15
Benzyl Alcohol
Concen: 44.400 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

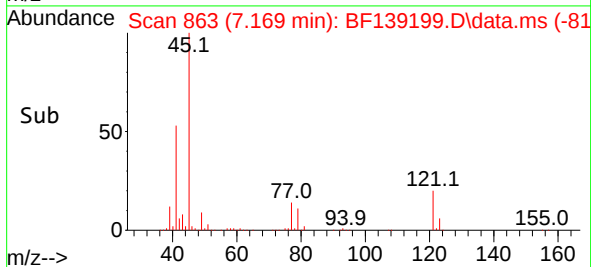
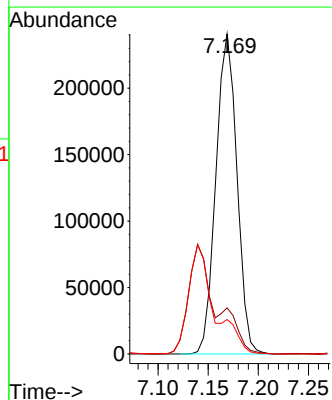
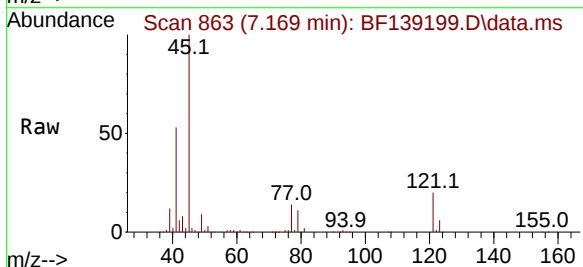
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

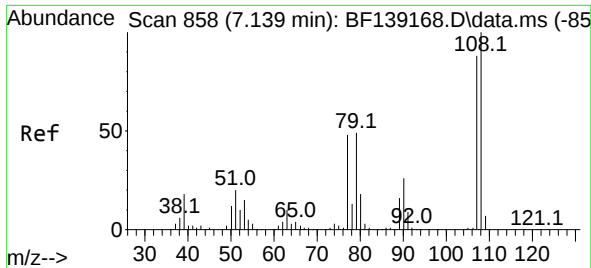
Tgt Ion: 79 Resp: 253989
Ion Ratio Lower Upper
79 100
108 66.3 52.7 79.1
77 62.5 51.2 76.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.137 ng
RT: 7.169 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion: 45 Resp: 351136
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.9
79 10.8 0.0 30.5

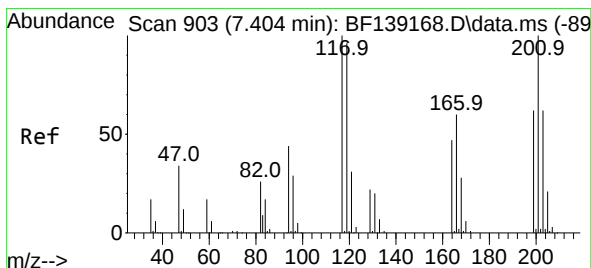
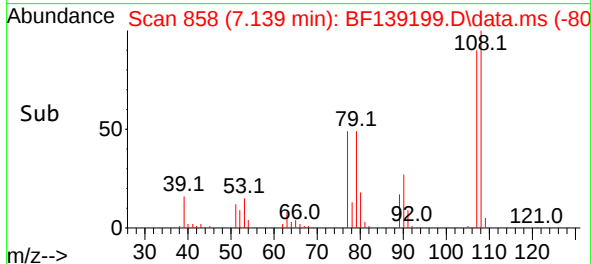
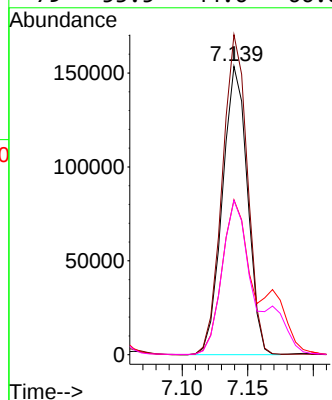
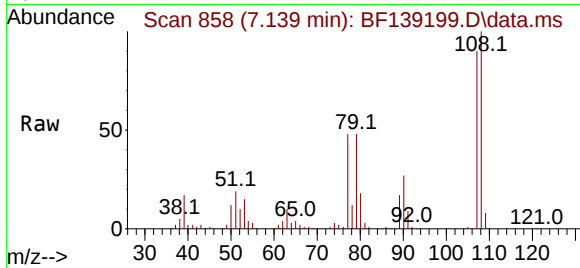




#17
2-Methylphenol
Concen: 42.673 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

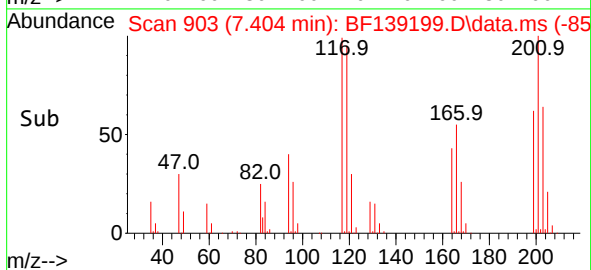
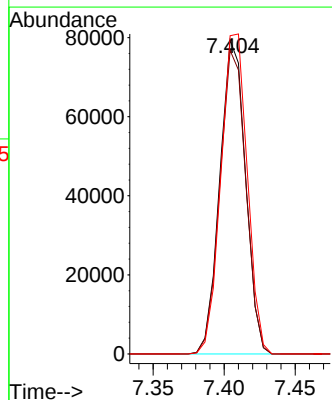
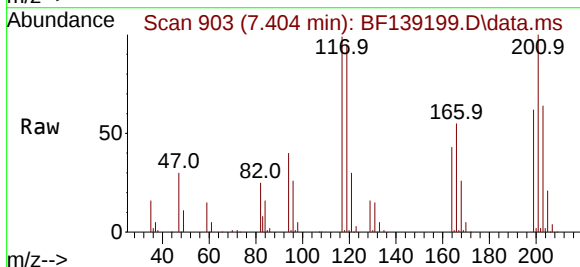
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

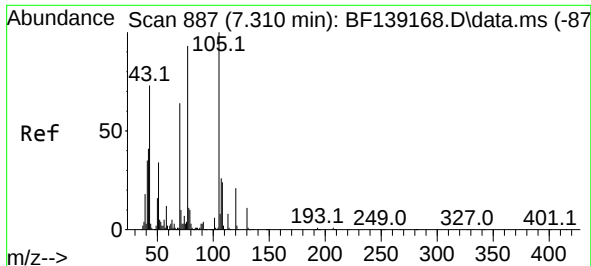
Tgt Ion:107 Resp: 204386
Ion Ratio Lower Upper
107 100
108 111.0 91.4 137.0
77 53.7 44.3 66.5
79 53.5 44.6 66.8



#18
Hexachloroethane
Concen: 45.403 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:117 Resp: 99849
Ion Ratio Lower Upper
117 100
119 96.7 77.1 115.7
201 101.4 79.7 119.5

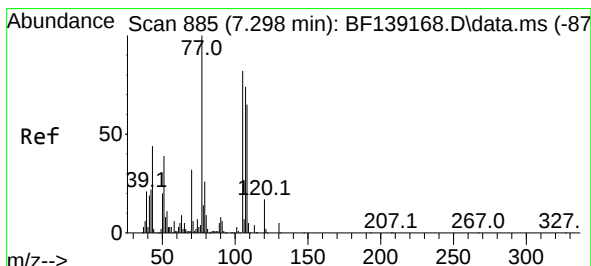
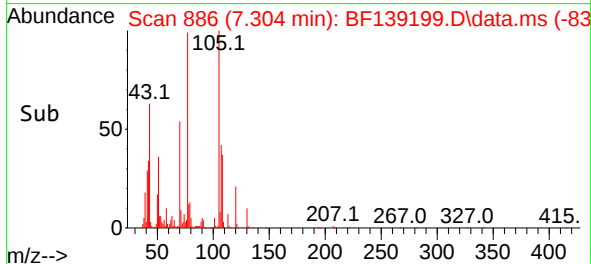
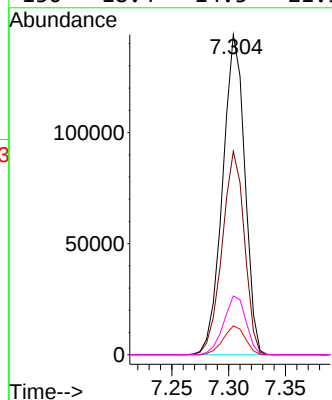
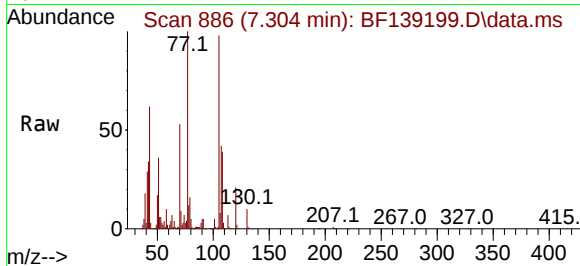




#19
n-Nitroso-di-n-propylamine
Concen: 43.101 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

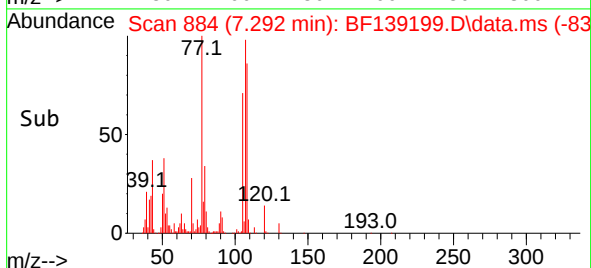
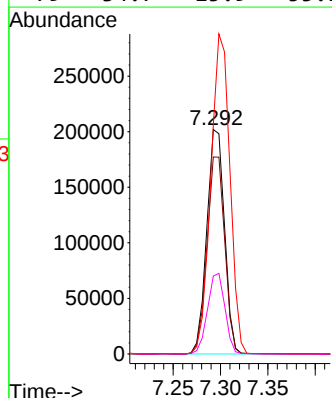
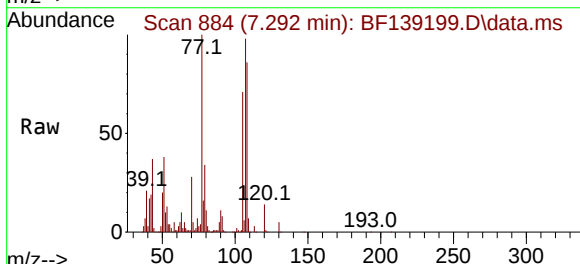
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

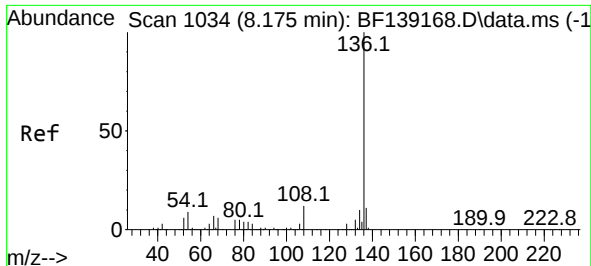
Tgt Ion: 70 Resp: 195645
Ion Ratio Lower Upper
70 100
42 63.6 50.8 76.2
101 9.0 7.4 11.0
130 18.4 14.3 21.5



#20
3+4-Methylphenols
Concen: 42.984 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion: 107 Resp: 262609
Ion Ratio Lower Upper
107 100
108 87.8 68.5 108.5
77 101.9 115.7 155.7#
79 34.7 15.9 55.9

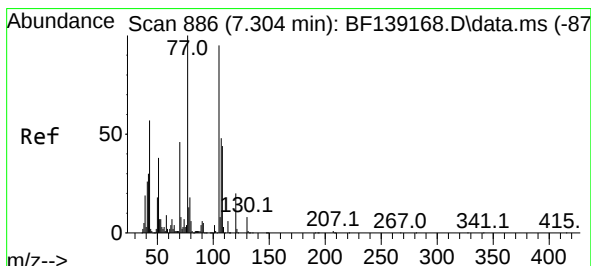
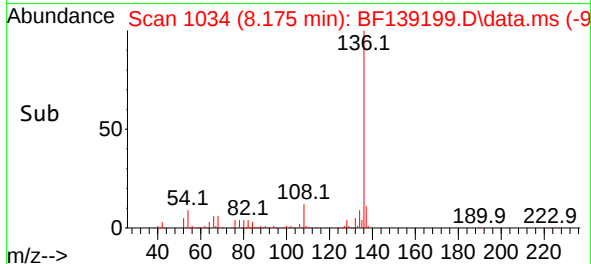
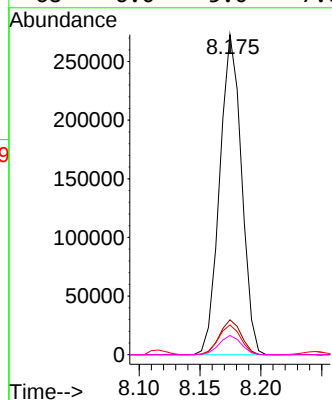
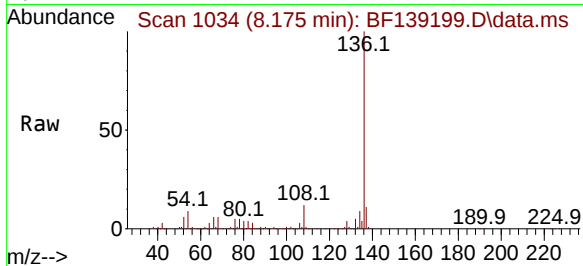




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

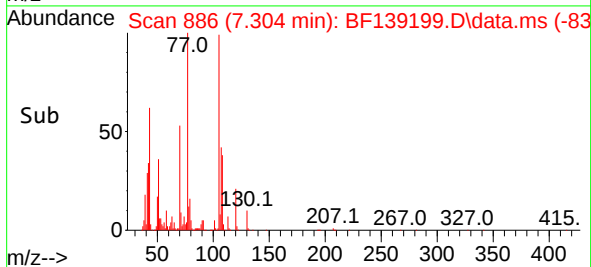
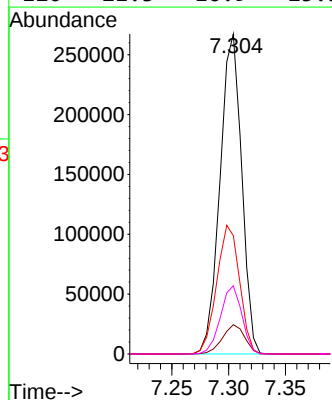
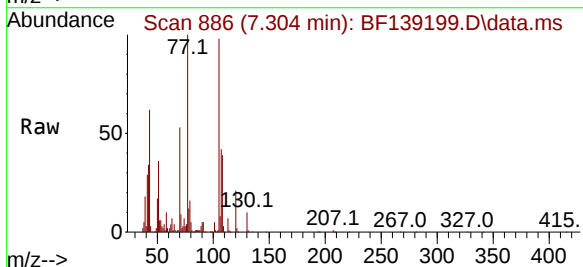
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

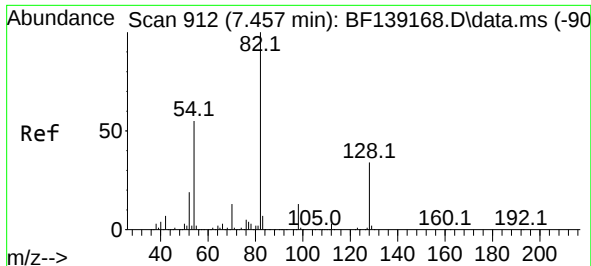
Tgt Ion:136 Resp: 340348
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.3 7.6 11.4
68 6.0 5.0 7.6



#22
Acetophenone
Concen: 40.552 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:105 Resp: 354624
Ion Ratio Lower Upper
105 100
71 9.1 6.5 9.7
51 37.0 31.8 47.6
120 21.3 16.9 25.3





#23

Nitrobenzene-d5

Concen: 97.048 ng

RT: 7.457 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

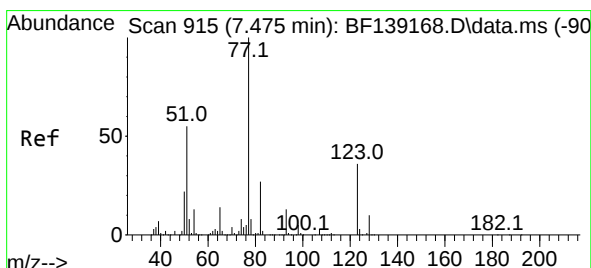
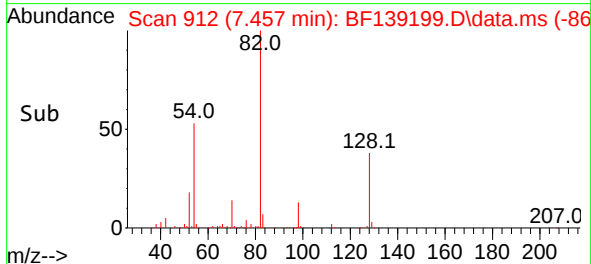
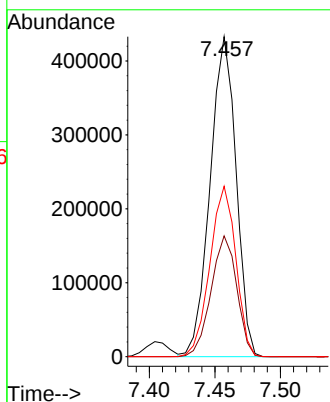
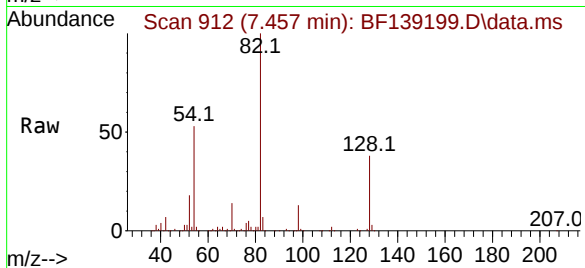
Tgt Ion: 82 Resp: 596211

Ion Ratio Lower Upper

82 100

128 37.7 27.1 40.7

54 53.2 44.2 66.4



#24

Nitrobenzene

Concen: 43.915 ng

RT: 7.475 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

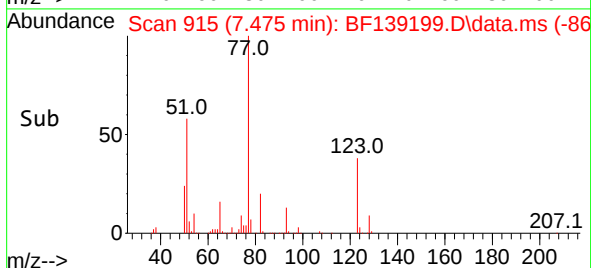
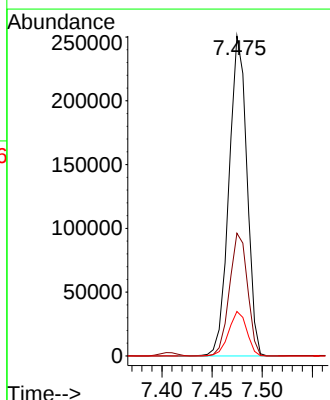
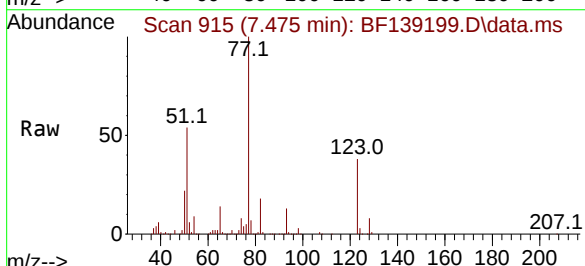
Tgt Ion: 77 Resp: 312211

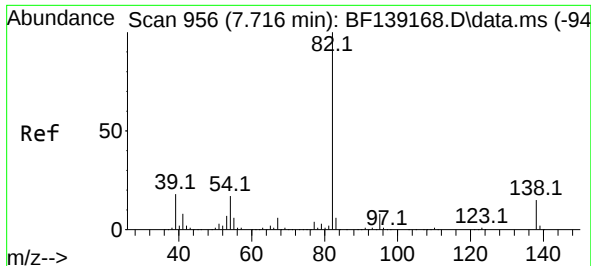
Ion Ratio Lower Upper

77 100

123 38.4 28.7 43.1

65 13.9 10.9 16.3

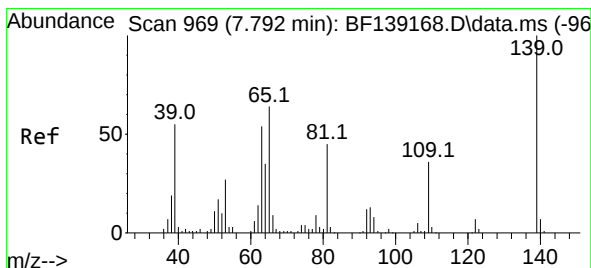
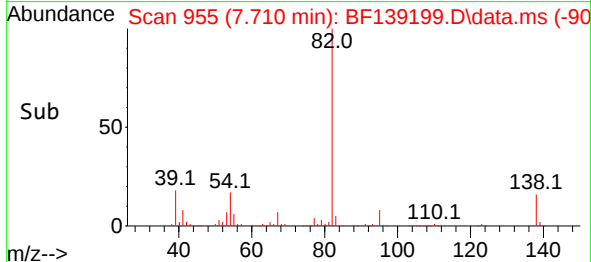
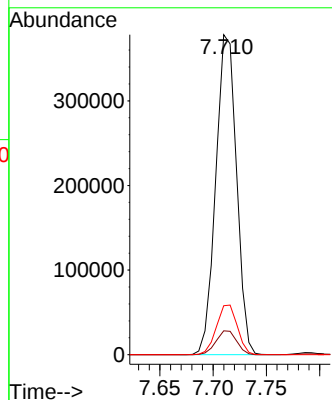
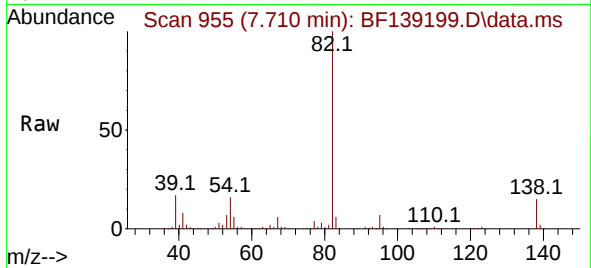




#25
Isophorone
Concen: 42.177 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

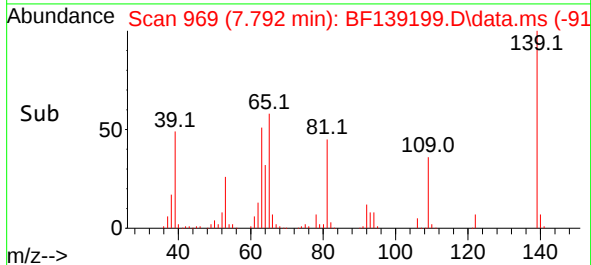
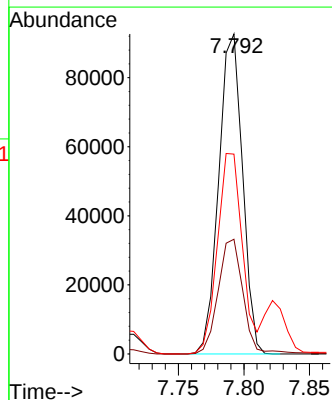
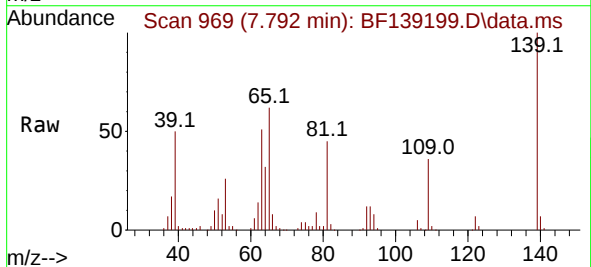
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

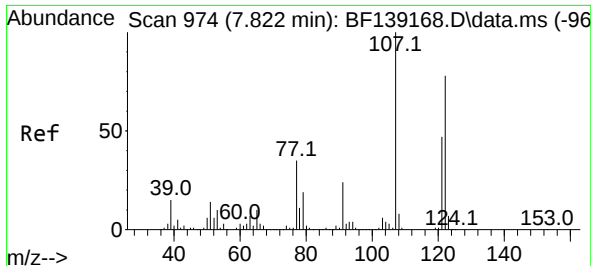
Tgt Ion: 82 Resp: 512412
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 15.3 12.2 18.4



#26
2-Nitrophenol
Concen: 52.575 ng
RT: 7.792 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:139 Resp: 116616
Ion Ratio Lower Upper
139 100
109 35.9 28.9 43.3
65 62.4 51.1 76.7

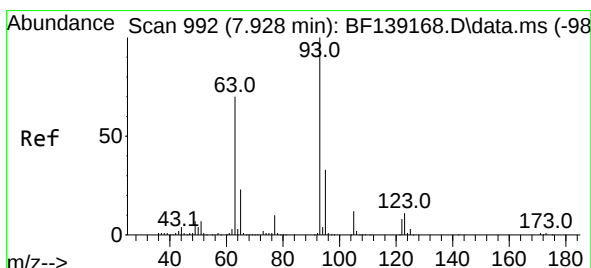
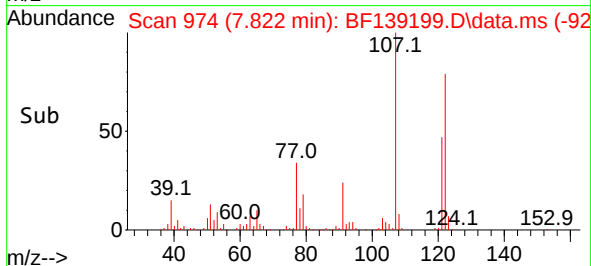
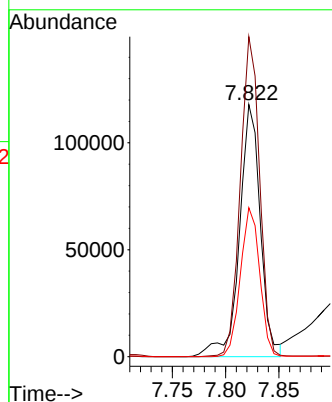
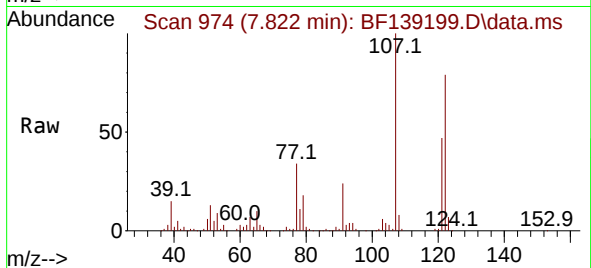




#27
2,4-Dimethylphenol
Concen: 44.689 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

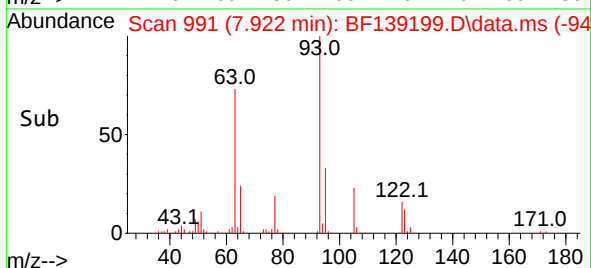
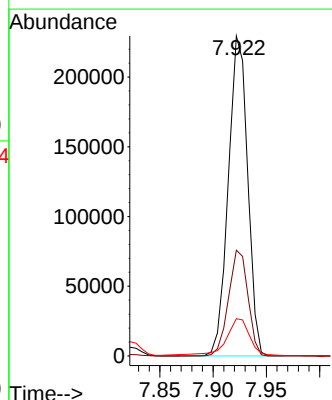
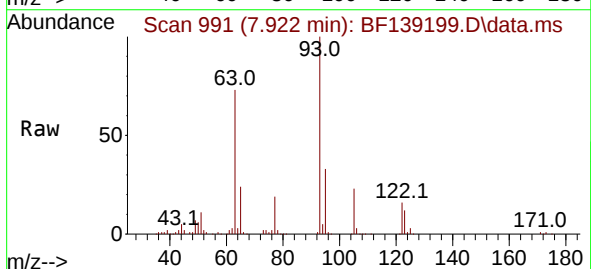
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

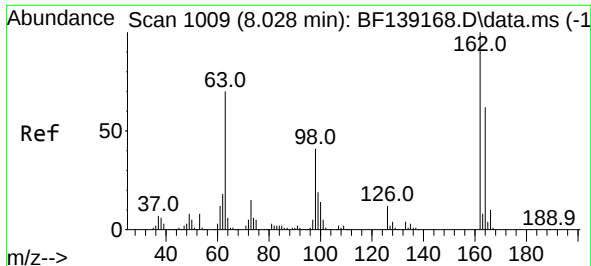
Tgt Ion:122 Resp: 160920
Ion Ratio Lower Upper
122 100
107 126.9 102.1 153.1
121 59.1 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.253 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion: 93 Resp: 290162
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.2
123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.759 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

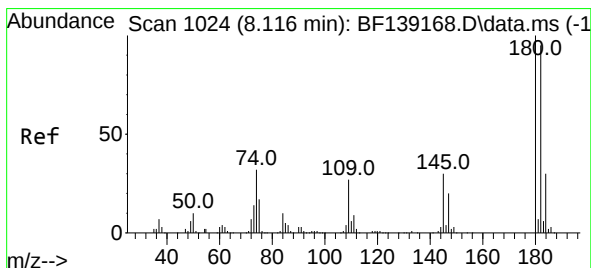
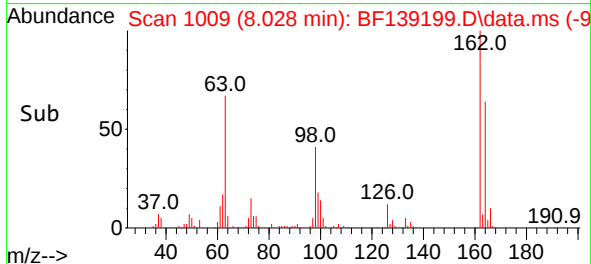
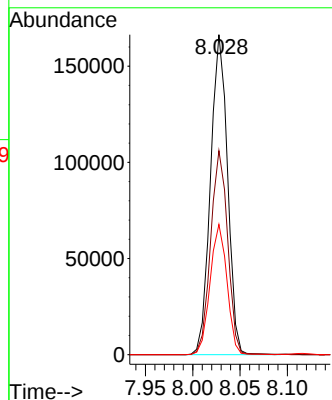
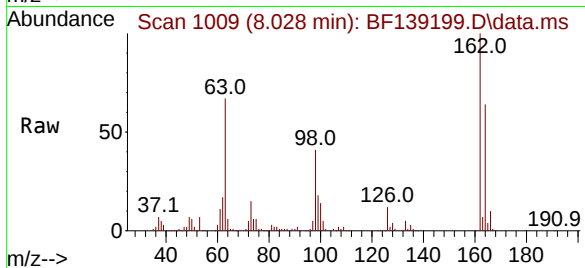
Tgt Ion:162 Resp: 207824

Ion Ratio Lower Upper

162 100

164 63.7 42.3 82.3

98 40.7 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 41.225 ng

RT: 8.116 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

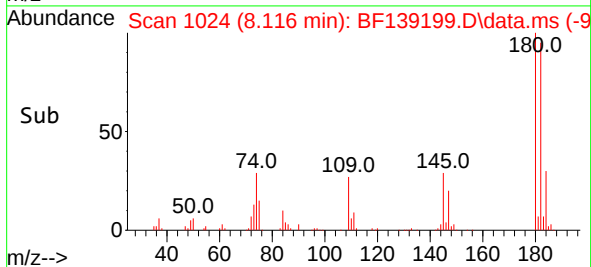
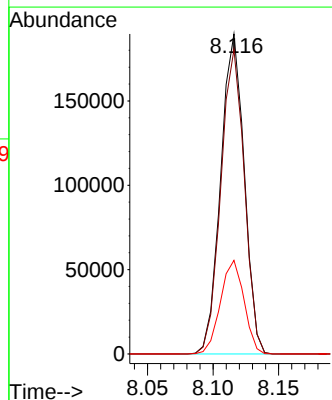
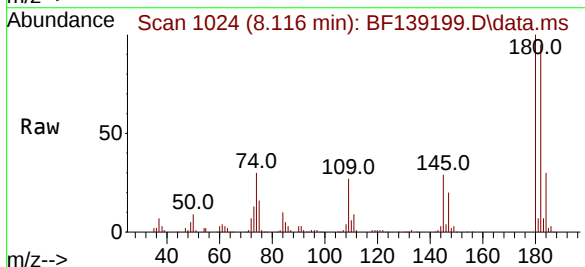
Tgt Ion:180 Resp: 236283

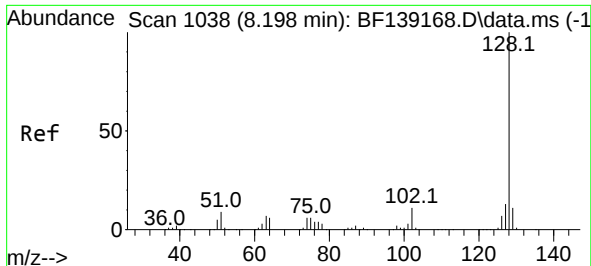
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

145 29.3 23.6 35.4

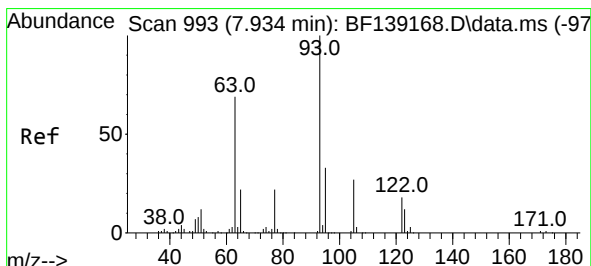
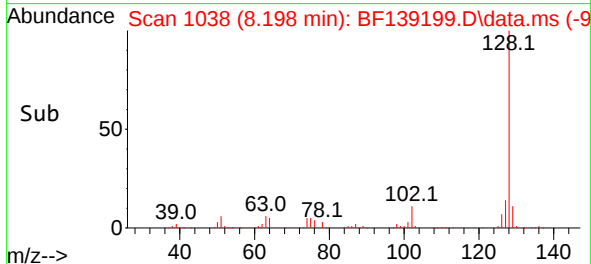
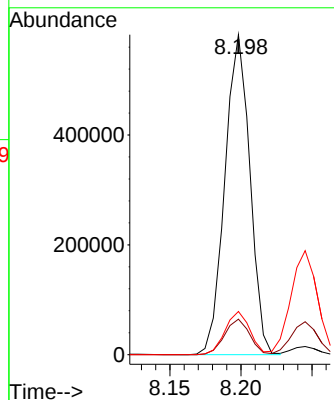
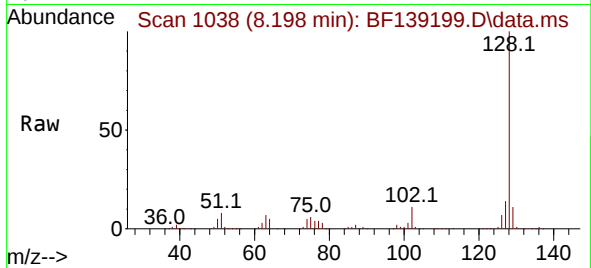




#31
Naphthalene
Concen: 40.926 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

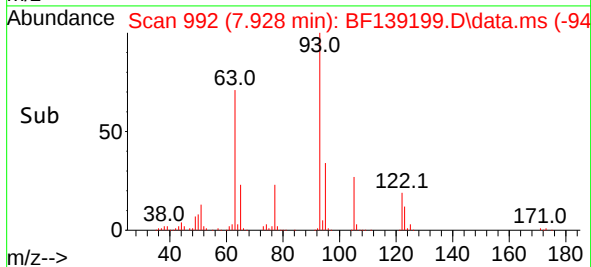
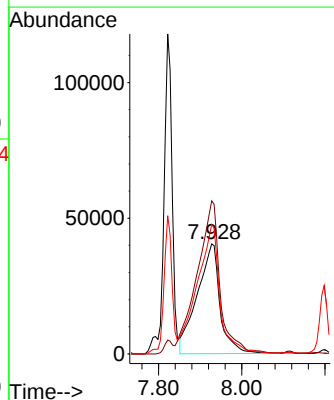
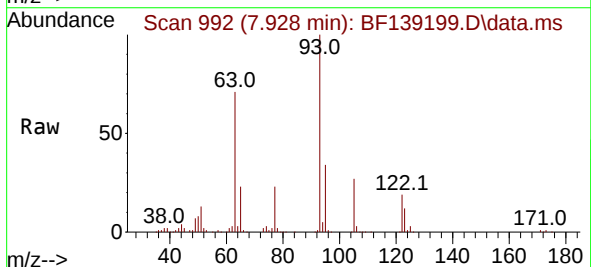
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

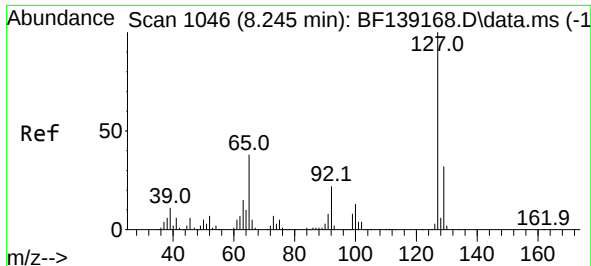
Tgt Ion:128 Resp: 712228
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 49.565 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:122 Resp: 153836
Ion Ratio Lower Upper
122 100
105 139.0 118.9 158.9
77 117.6 96.4 136.4

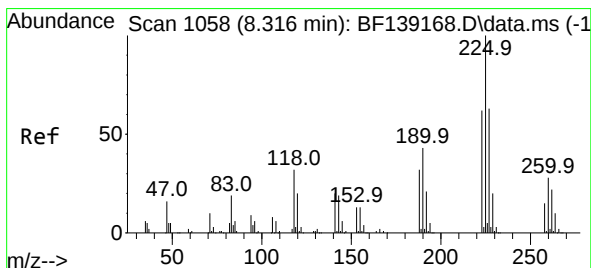
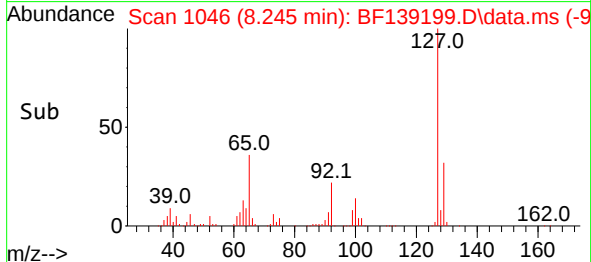
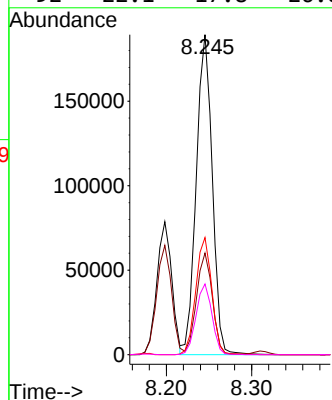
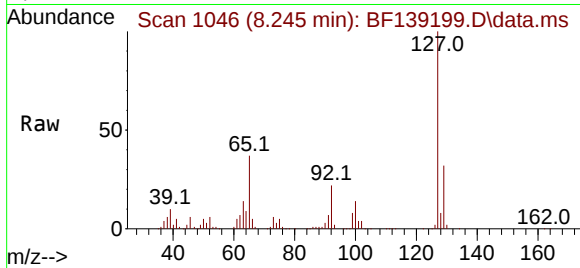




#33
4-Chloroaniline
Concen: 41.248 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

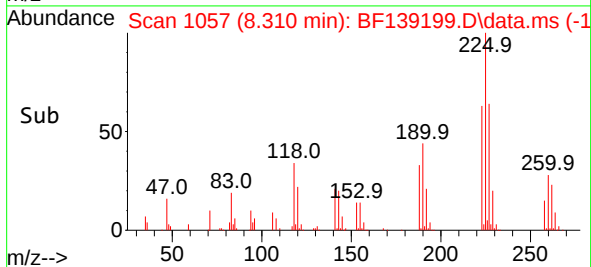
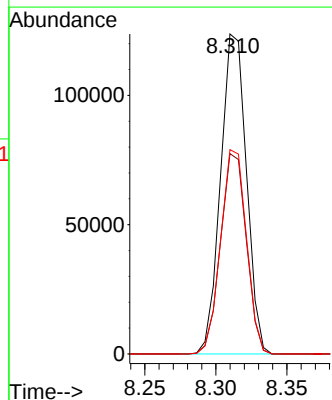
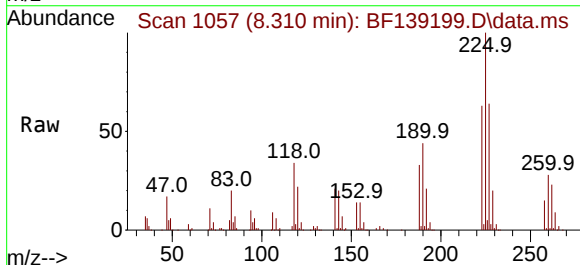
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

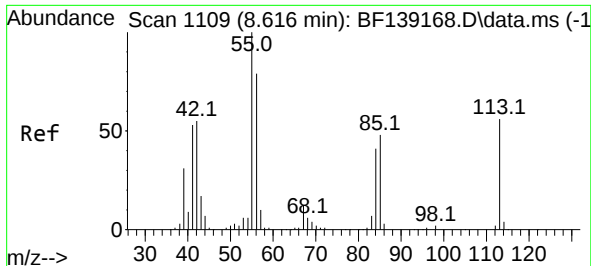
Tgt Ion:	127	Resp:	247371
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	36.6	30.8	46.2
92	22.1	17.8	26.8



#34
Hexachlorobutadiene
Concen: 42.041 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:	225	Resp:	156582
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	63.8	50.3	75.5

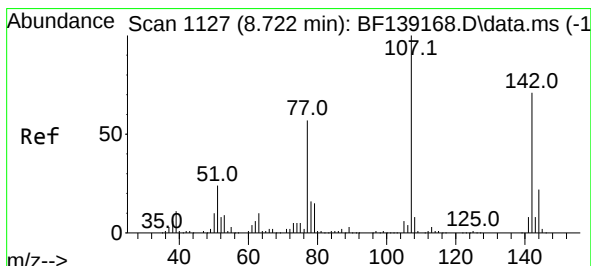
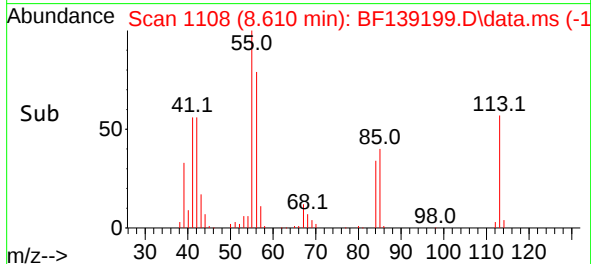
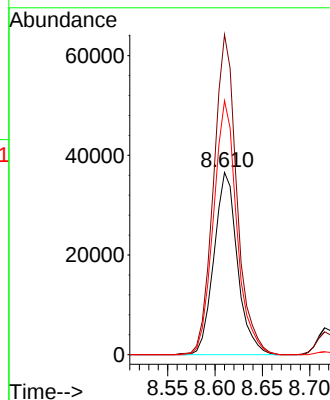
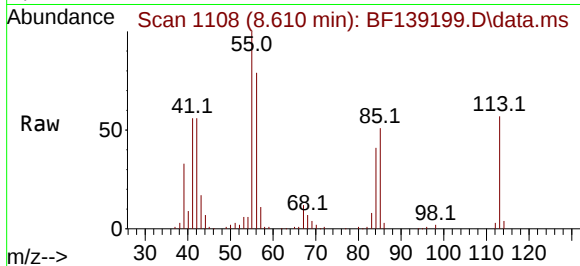




#35
 Caprolactam
 Concen: 46.227 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF139199.D
 Acq: 28 Aug 2024 10:06

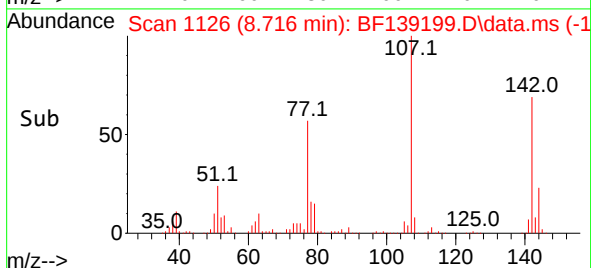
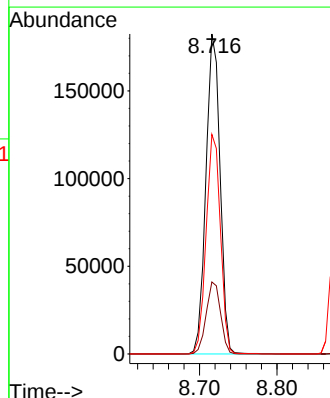
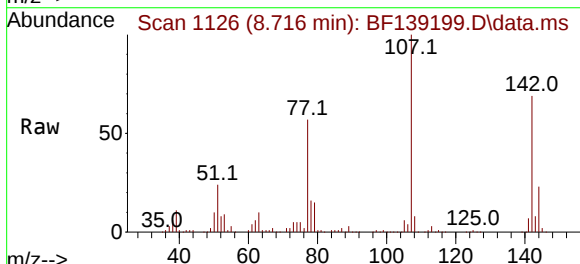
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

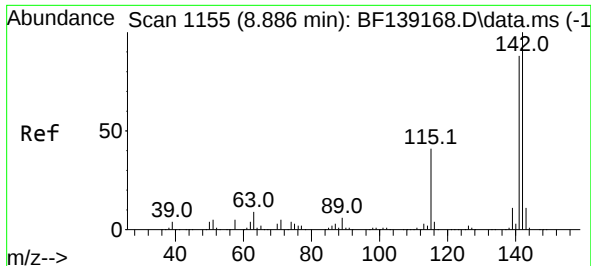
Tgt Ion:113 Resp: 63029
 Ion Ratio Lower Upper
 113 100
 55 175.6 158.0 198.0
 56 139.3 119.6 159.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.473 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: BF139199.D
 Acq: 28 Aug 2024 10:06

Tgt Ion:107 Resp: 231792
 Ion Ratio Lower Upper
 107 100
 144 22.5 17.8 26.8
 142 68.6 56.6 84.8





#37

2-Methylnaphthalene

Concen: 41.734 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

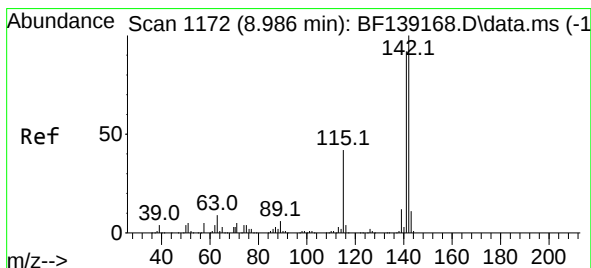
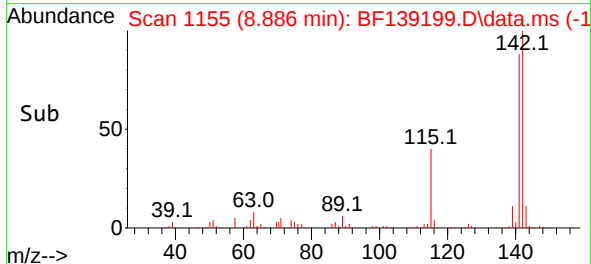
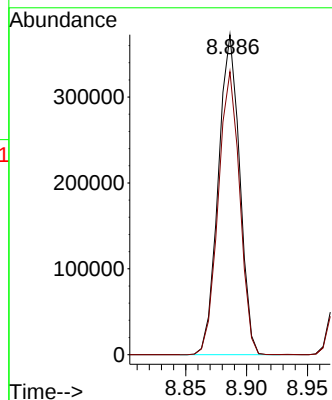
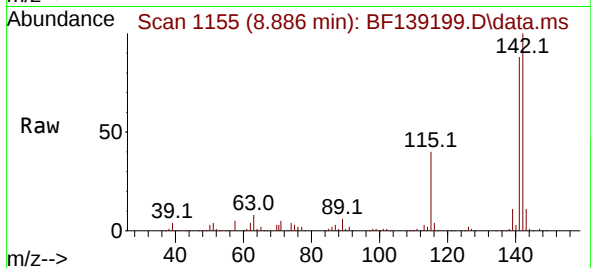
SSTDCCC040

Tgt Ion:142 Resp: 455313

Ion Ratio Lower Upper

142 100

141 88.5 70.2 105.2



#38

1-Methylnaphthalene

Concen: 42.008 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF139199.D

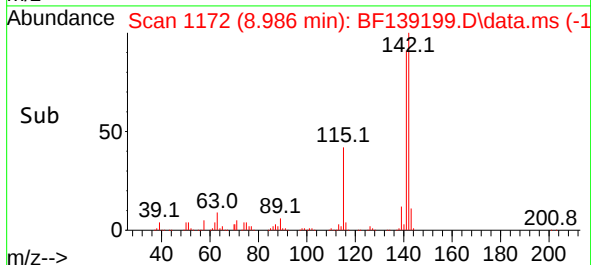
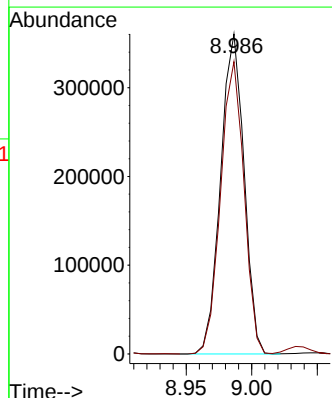
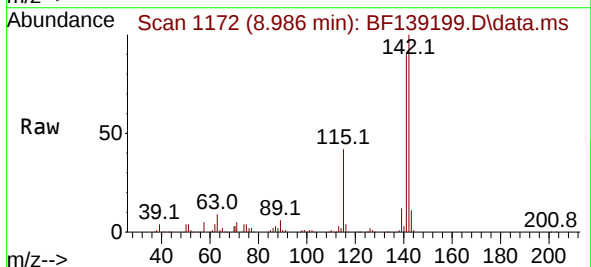
Acq: 28 Aug 2024 10:06

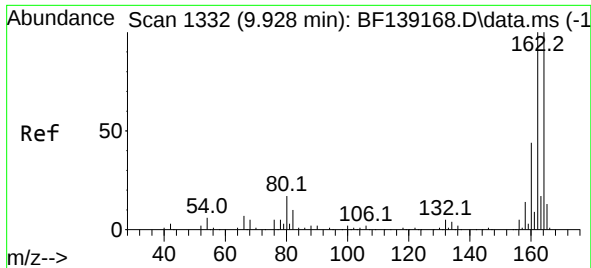
Tgt Ion:142 Resp: 447938

Ion Ratio Lower Upper

142 100

141 91.3 73.4 110.2

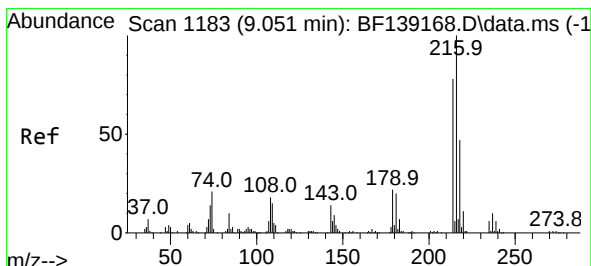
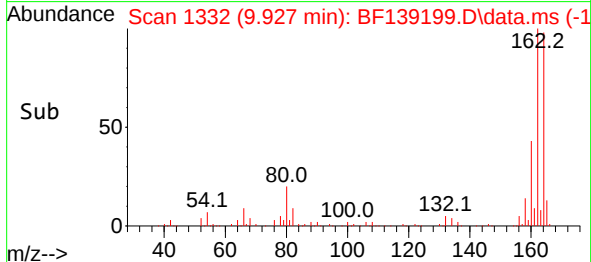
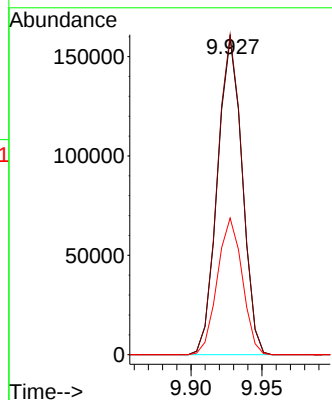
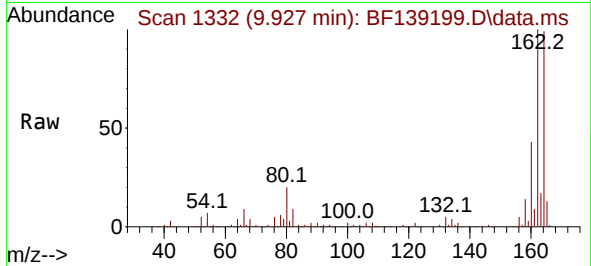




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1132
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

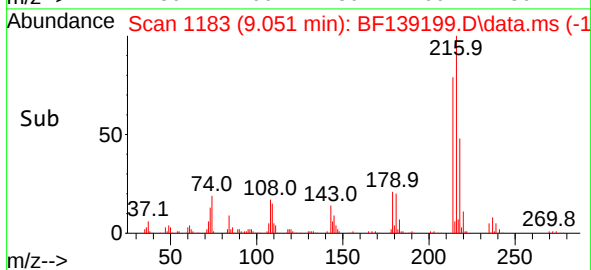
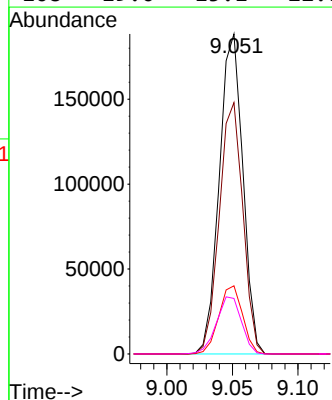
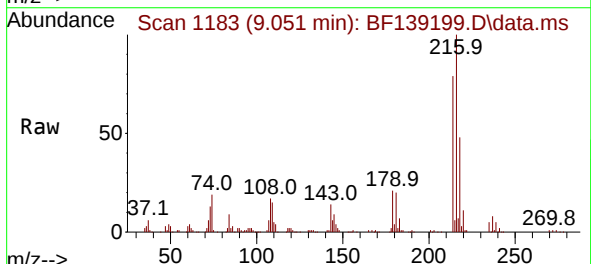
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

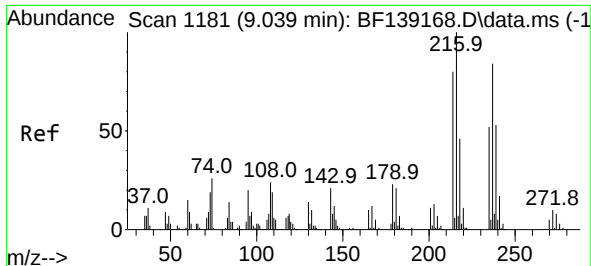
Tgt Ion:164 Resp: 192848
Ion Ratio Lower Upper
164 100
162 101.2 80.0 120.0
160 43.2 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.065 ng
RT: 9.051 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:216 Resp: 234894
Ion Ratio Lower Upper
216 100
214 78.6 62.5 93.7
179 21.5 17.5 26.3
108 19.0 15.1 22.7

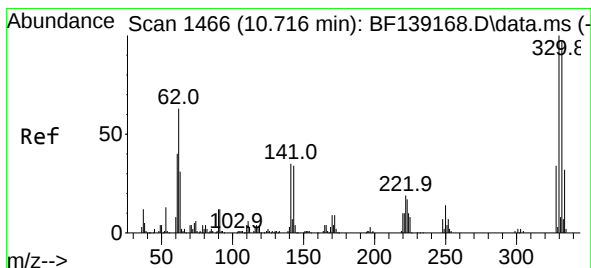
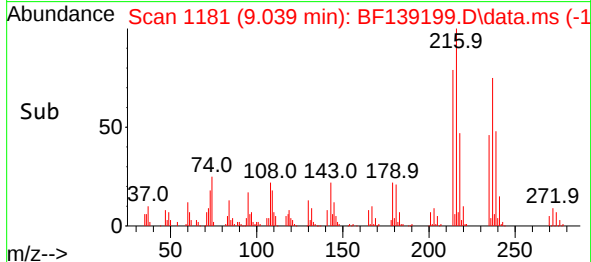
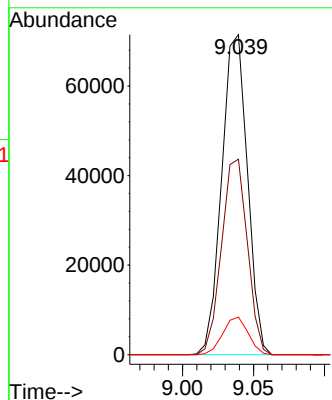
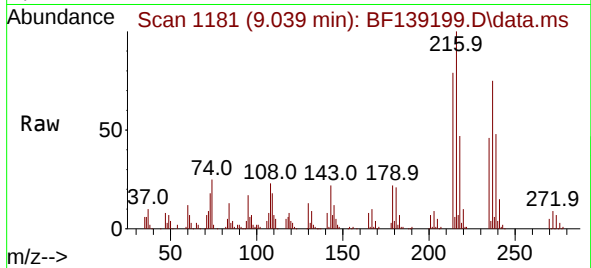




#41
Hexachlorocyclopentadiene
Concen: 49.093 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

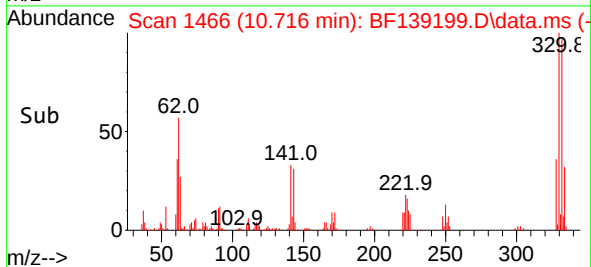
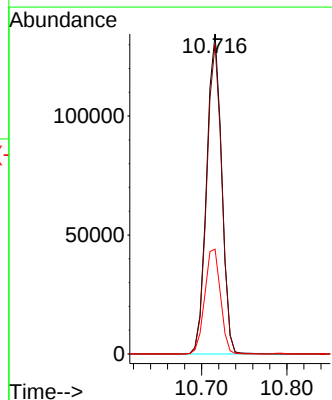
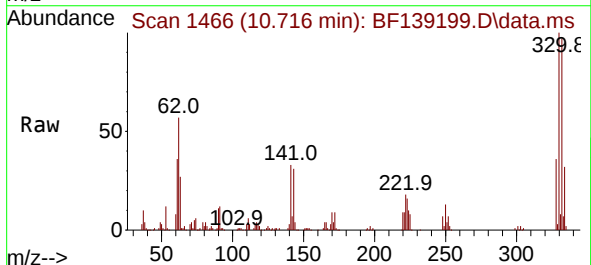
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

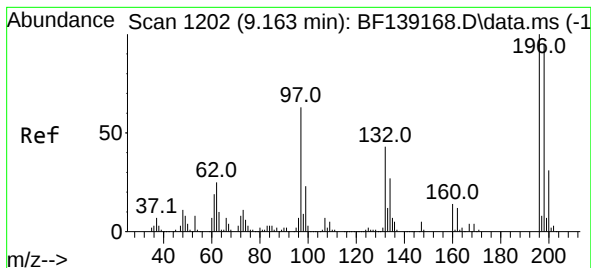
Tgt Ion:237 Resp: 90172
Ion Ratio Lower Upper
237 100
235 61.1 42.1 82.1
272 11.8 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 100.065 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:330 Resp: 165273
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 34.2 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 50.488 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

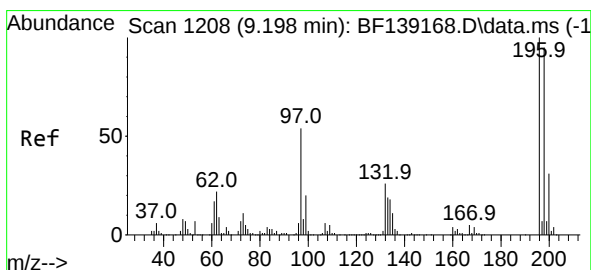
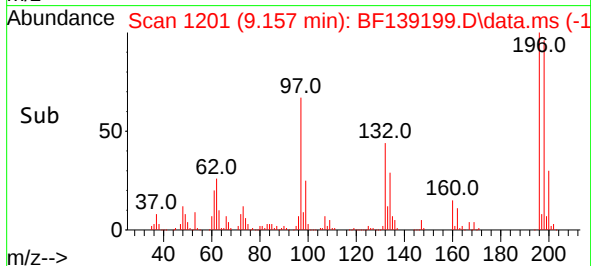
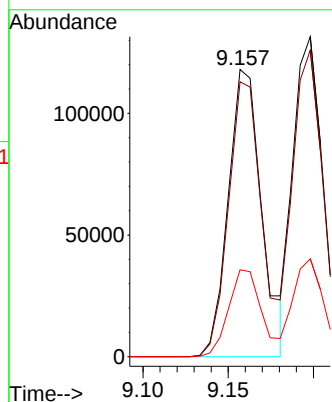
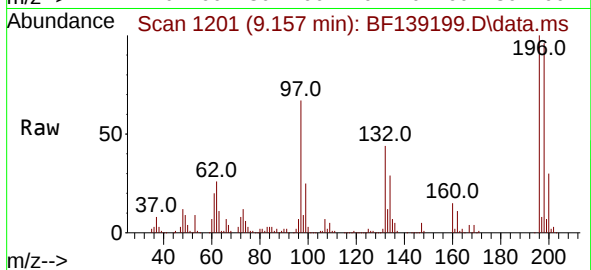
Tgt Ion:196 Resp: 161481

Ion Ratio Lower Upper

196 100

198 95.7 75.8 113.8

200 30.2 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 47.079 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Tgt Ion:196 Resp: 157833

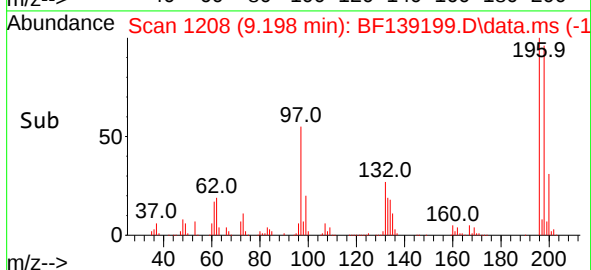
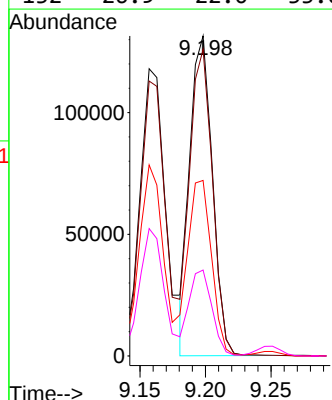
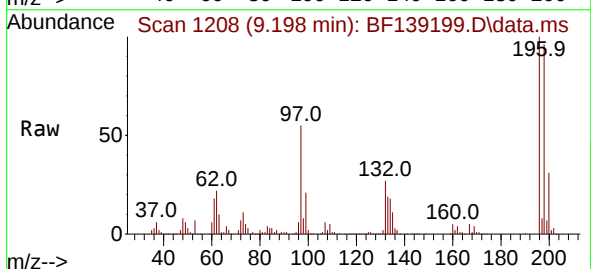
Ion Ratio Lower Upper

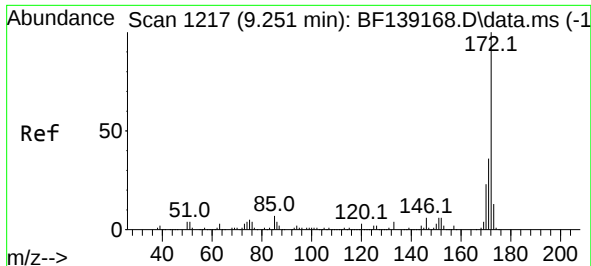
196 100

198 95.8 75.7 113.5

97 54.9 44.9 67.3

132 26.9 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 81.363 ng

RT: 9.251 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

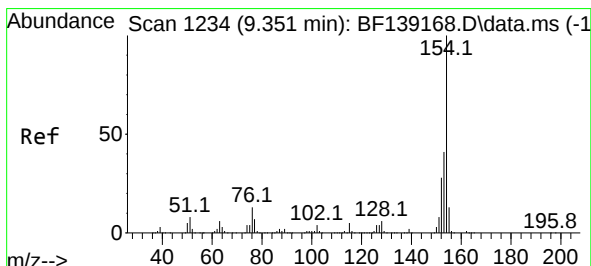
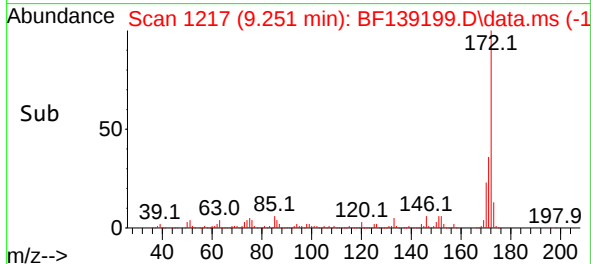
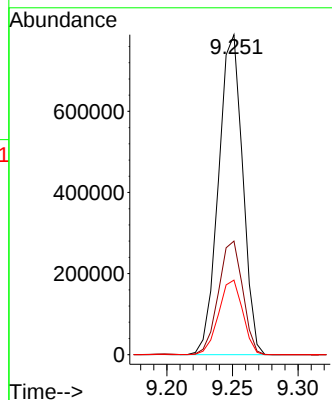
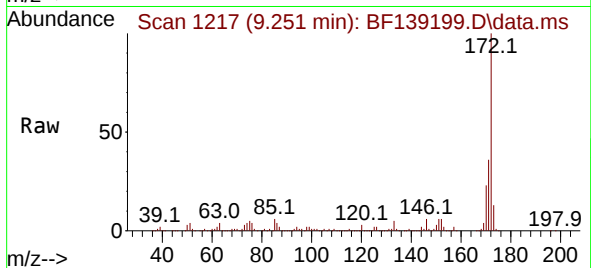
Tgt Ion:172 Resp: 1010118

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 41.071 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

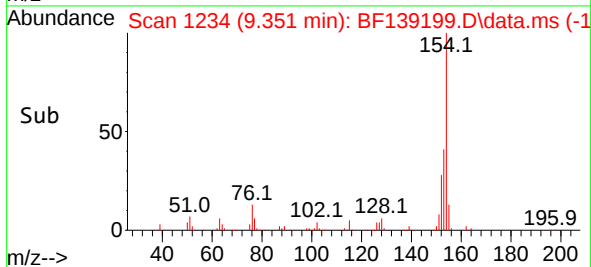
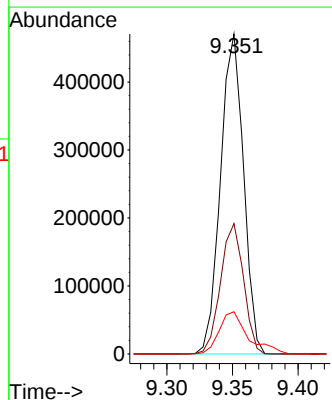
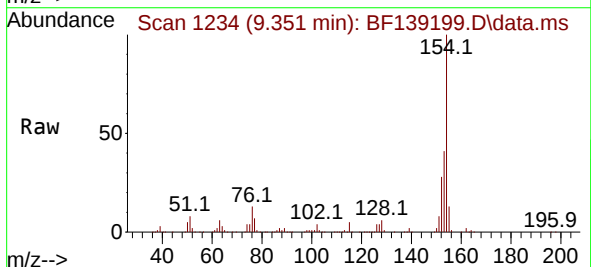
Tgt Ion:154 Resp: 573304

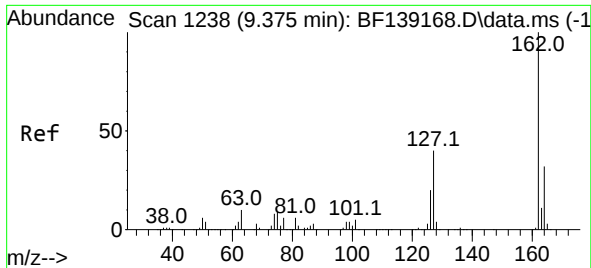
Ion Ratio Lower Upper

154 100

153 40.7 20.7 60.7

76 13.2 0.0 33.4

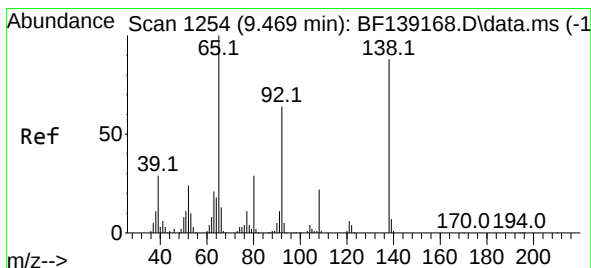
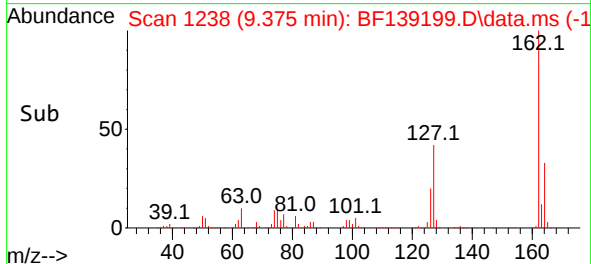
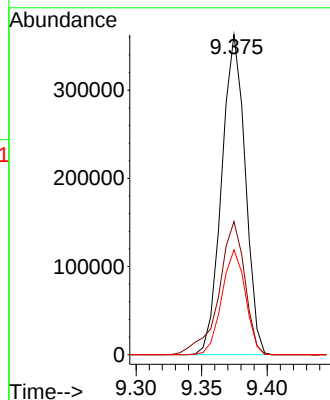
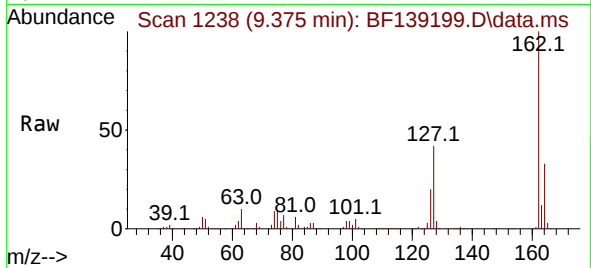




#47
2-Chloronaphthalene
Concen: 40.733 ng
RT: 9.375 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

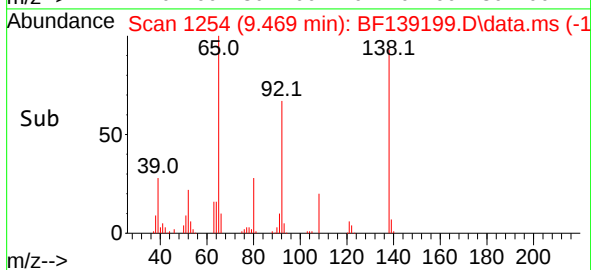
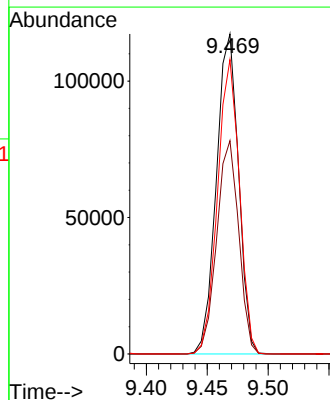
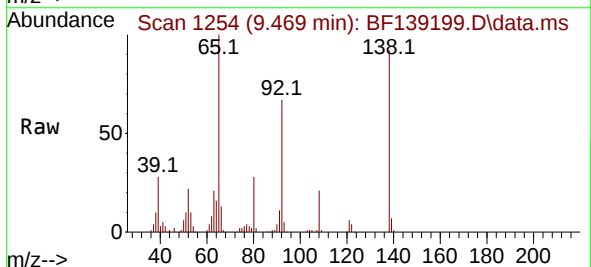
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

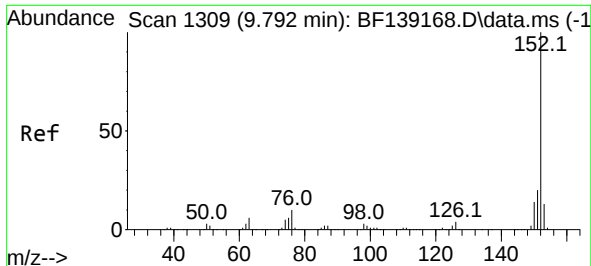
Tgt Ion:162 Resp: 453609
Ion Ratio Lower Upper
162 100
127 41.6 32.4 48.6
164 32.8 25.9 38.9



#48
2-Nitroaniline
Concen: 45.618 ng
RT: 9.469 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion: 65 Resp: 148475
Ion Ratio Lower Upper
65 100
92 66.7 51.2 76.8
138 92.0 70.0 105.0





#49

Acenaphthylene

Concen: 41.638 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139199.D

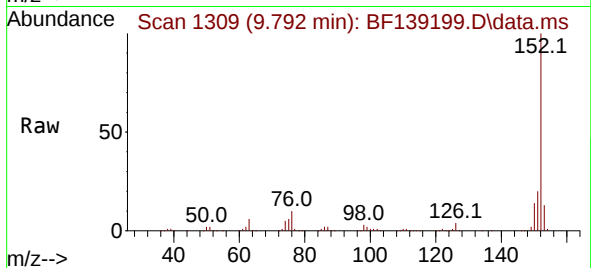
Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



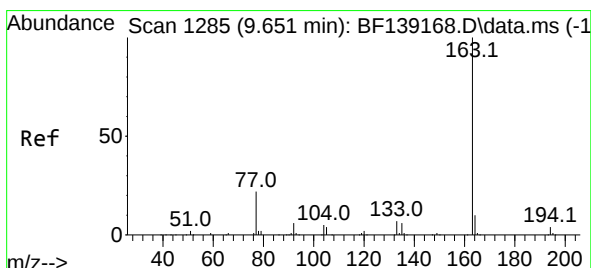
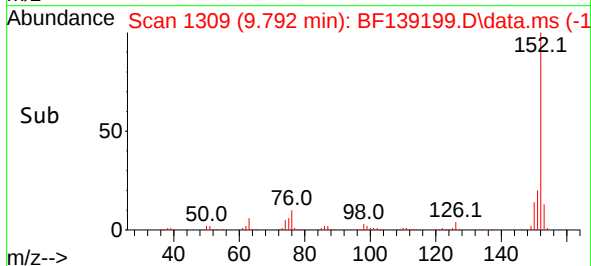
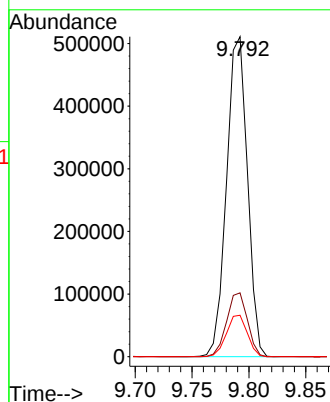
Tgt Ion:152 Resp: 653367

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 45.264 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

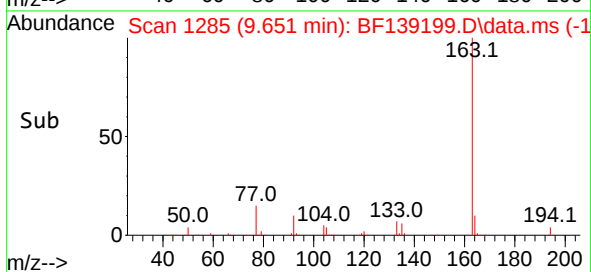
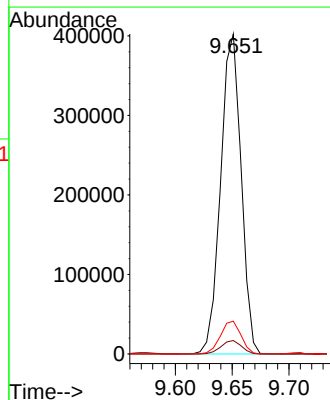
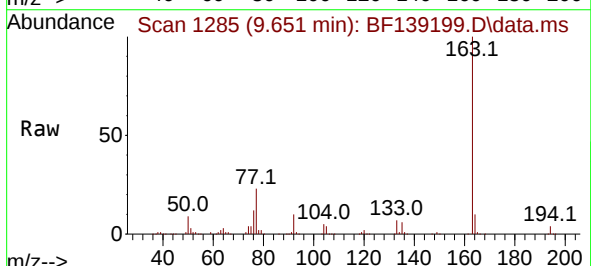
Tgt Ion:163 Resp: 504253

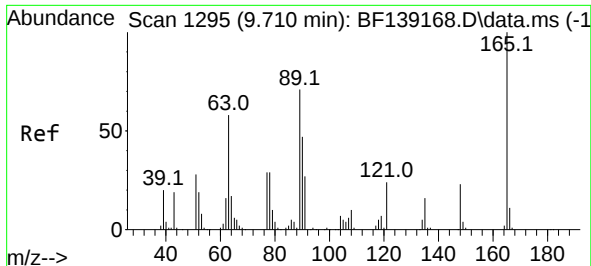
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 48.202 ng

RT: 9.710 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

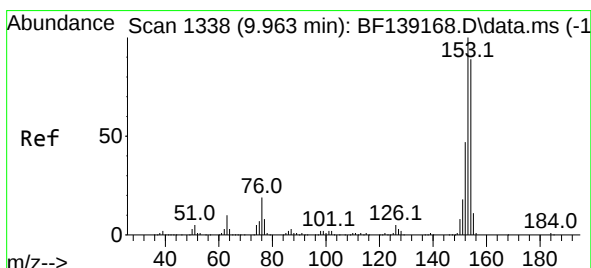
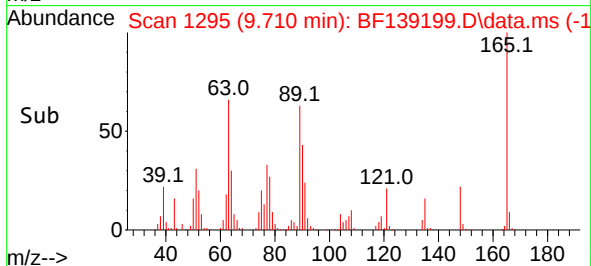
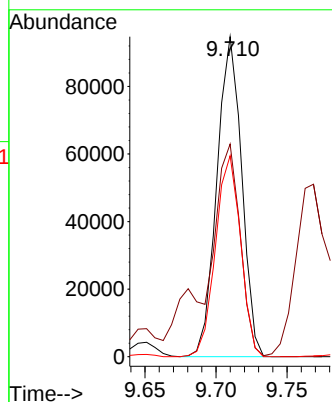
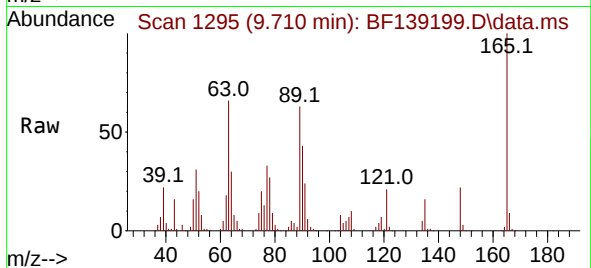
Tgt Ion:165 Resp: 114990

Ion Ratio Lower Upper

165 100

63 66.5 60.1 90.1

89 62.8 57.0 85.6



#52

Acenaphthene

Concen: 42.646 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

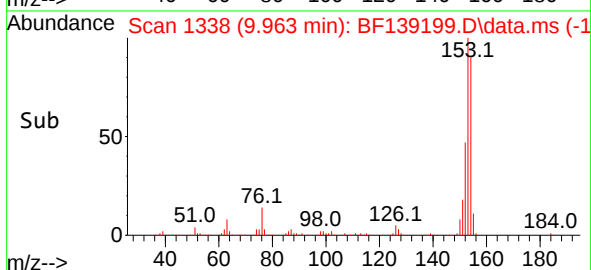
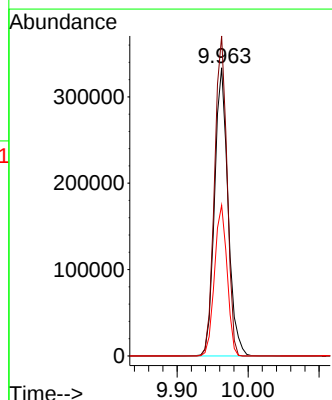
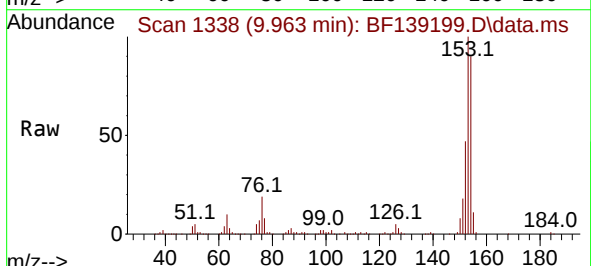
Tgt Ion:154 Resp: 439597

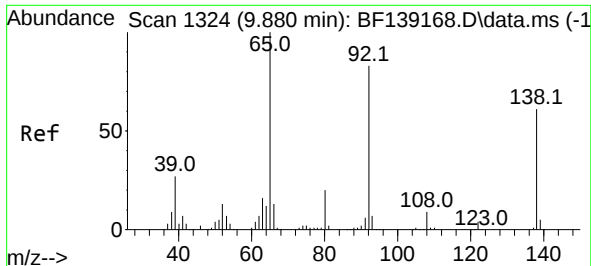
Ion Ratio Lower Upper

154 100

153 111.1 90.0 135.0

152 52.3 42.4 63.6





#53
3-Nitroaniline
Concen: 45.753 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

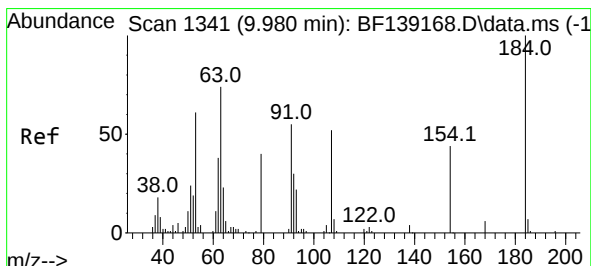
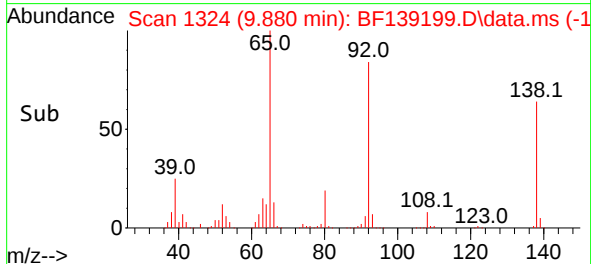
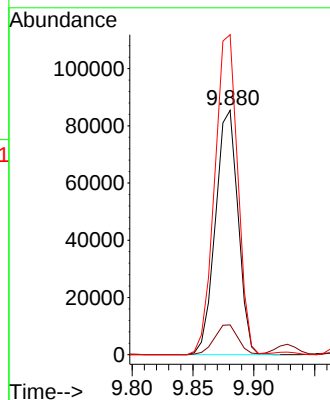
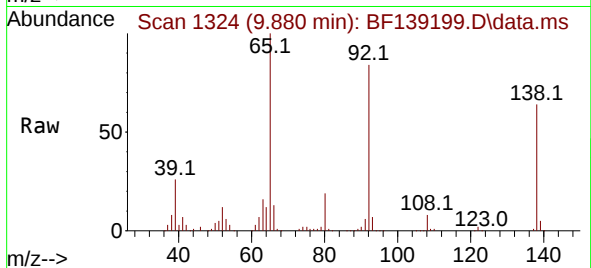
Instrument :

BNA_F

ClientSampleId :

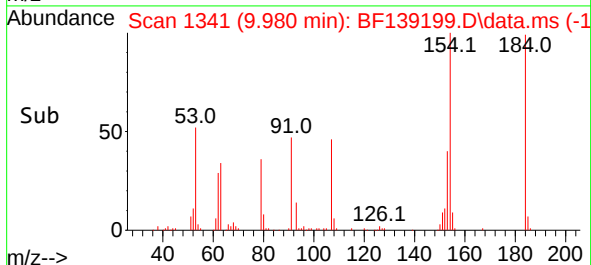
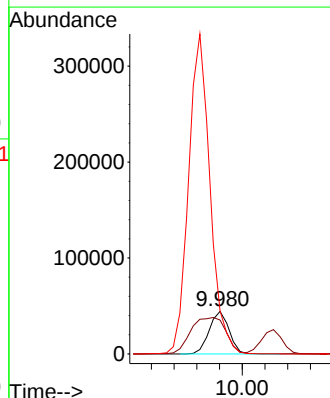
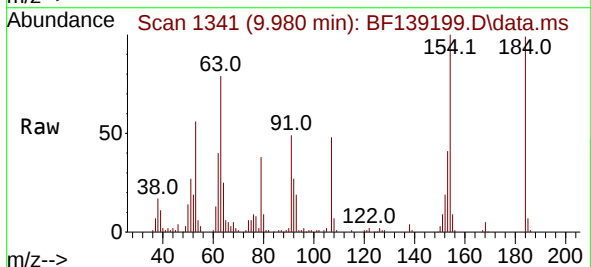
SSTDCCC040

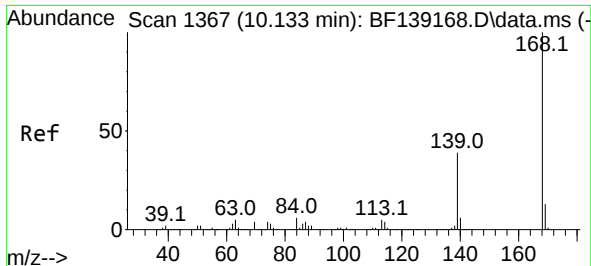
Tgt Ion:138 Resp: 110694
Ion Ratio Lower Upper
138 100
108 12.2 11.8 17.6
92 130.9 108.2 162.2



#54
2,4-Dinitrophenol
Concen: 57.198 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:184 Resp: 53763
Ion Ratio Lower Upper
184 100
63 79.5 72.1 108.1
154 101.2 135.3 202.9#

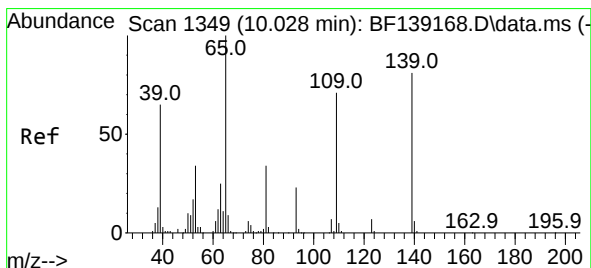
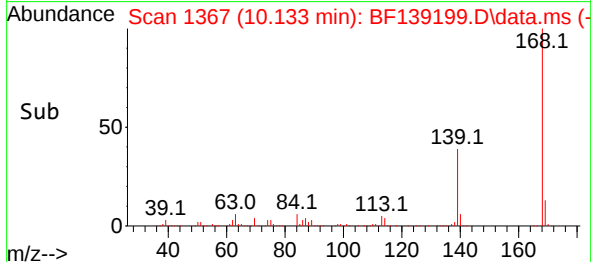
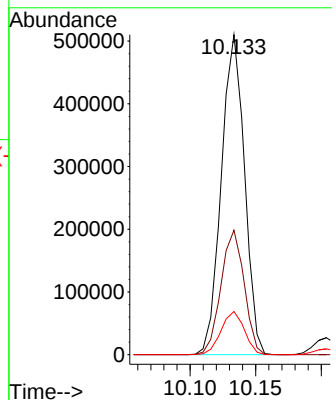
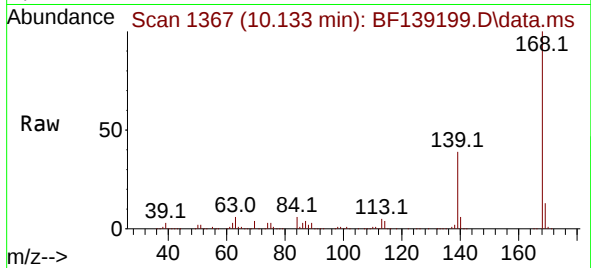




#55
Dibenzenofuran
Concen: 41.634 ng
RT: 10.133 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

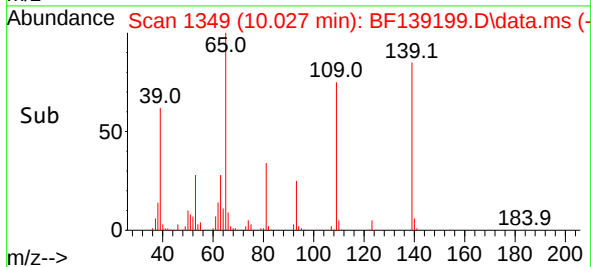
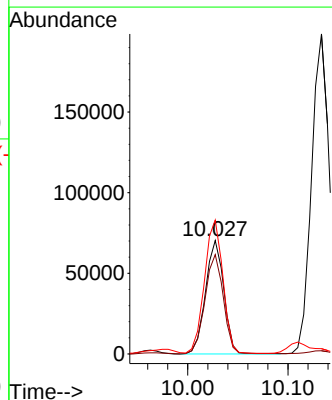
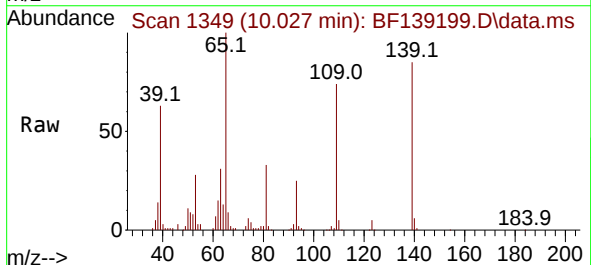
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

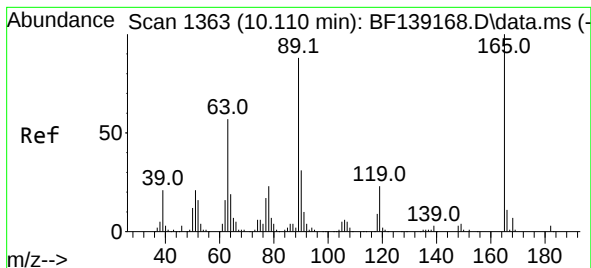
Tgt Ion:168 Resp: 626342
Ion Ratio Lower Upper
168 100
139 38.9 31.5 47.3
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 46.373 ng
RT: 10.027 min Scan# 1349
Delta R.T. -0.001 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:139 Resp: 89631
Ion Ratio Lower Upper
139 100
109 87.6 68.2 108.2
65 118.0 104.7 144.7

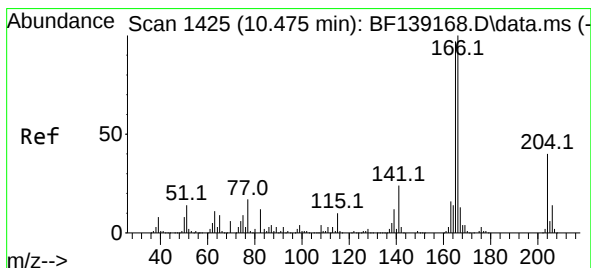
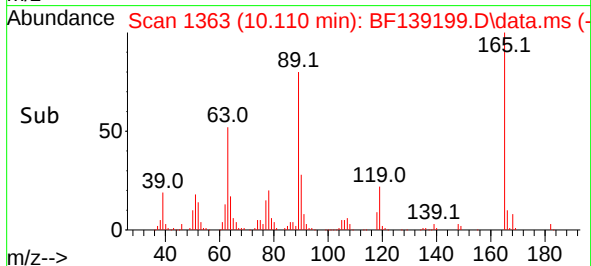
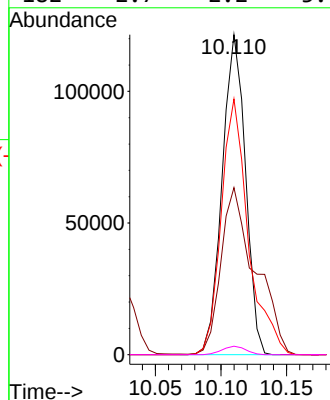
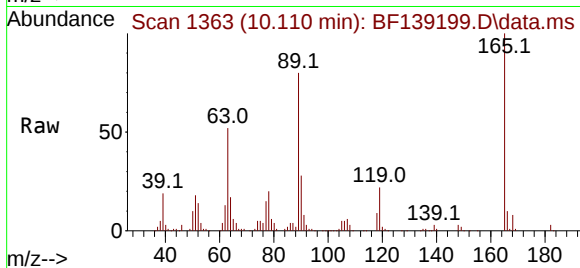




#57
2,4-Dinitrotoluene
Concen: 49.500 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

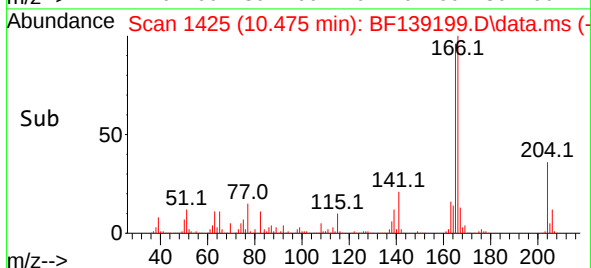
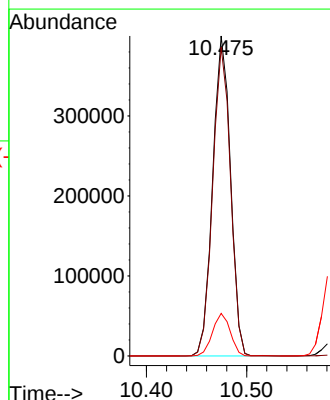
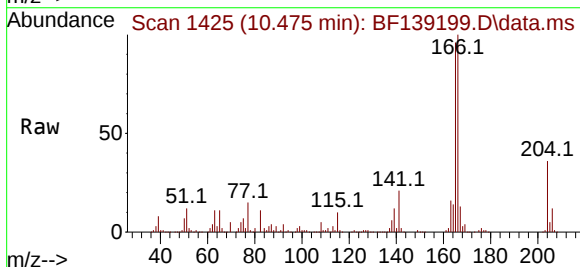
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

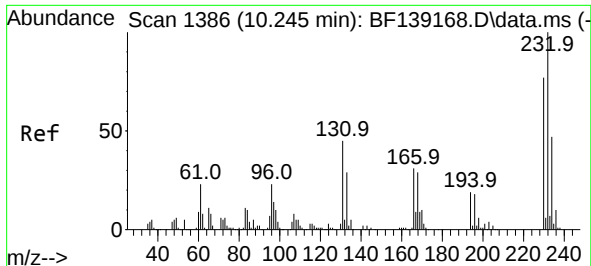
Tgt Ion:165 Resp: 150332
Ion Ratio Lower Upper
165 100
63 52.2 46.2 69.2
89 79.9 70.2 105.4
182 2.7 2.2 3.4



#58
Fluorene
Concen: 41.575 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:166 Resp: 493440
Ion Ratio Lower Upper
166 100
165 96.4 77.8 116.8
167 13.3 10.8 16.2

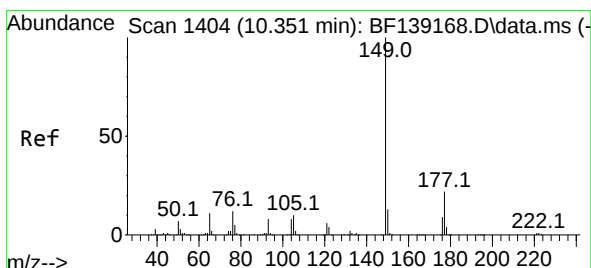
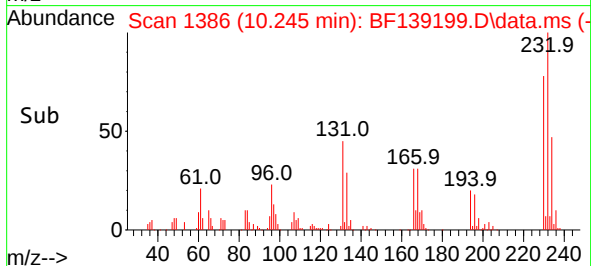
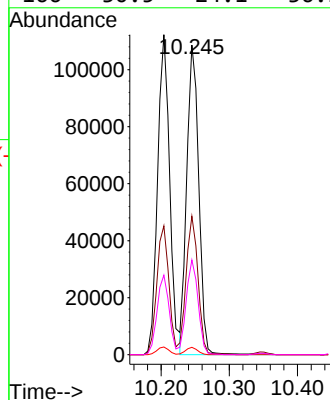
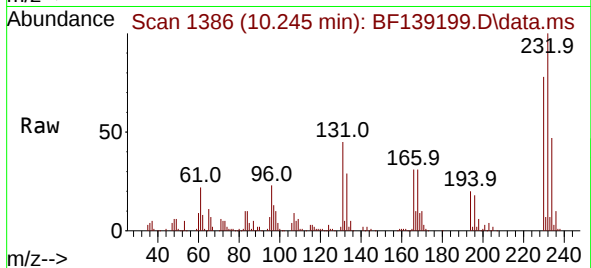




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.243 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

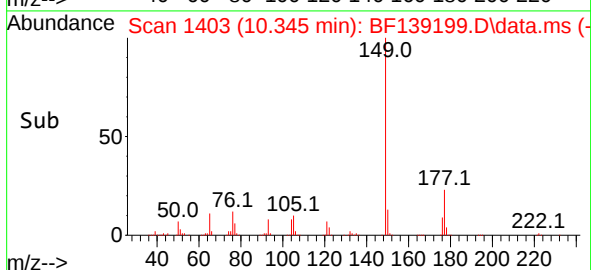
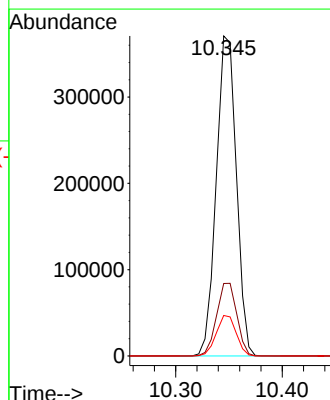
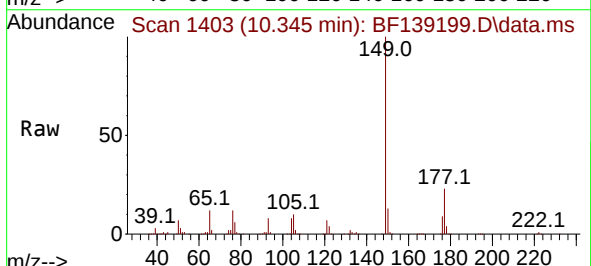
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

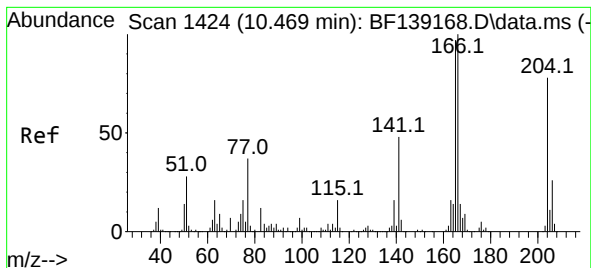
Tgt Ion:232 Resp: 132314
Ion Ratio Lower Upper
232 100
131 44.8 34.9 52.3
130 2.4 1.9 2.9
166 30.5 24.1 36.1



#60
Diethylphthalate
Concen: 46.208 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:149 Resp: 484743
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.7 10.0 15.0

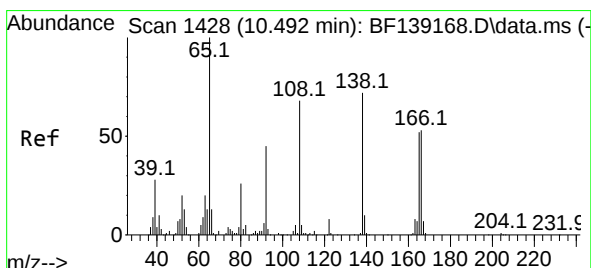
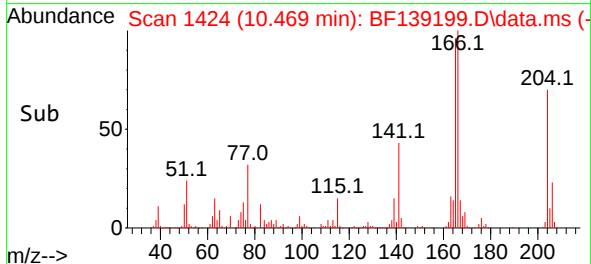
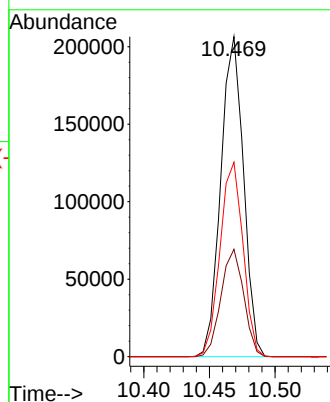
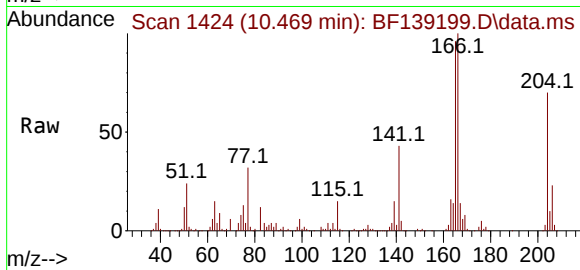




#61
4-Chlorophenyl-phenylether
Concen: 42.673 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

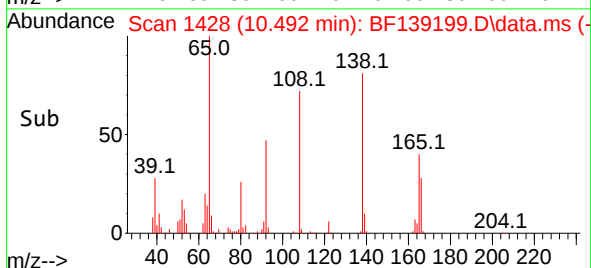
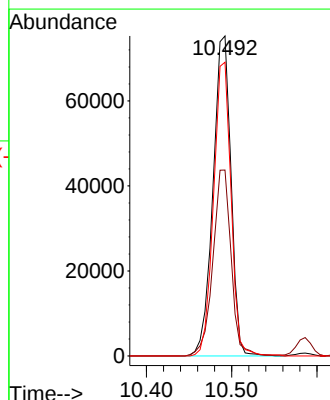
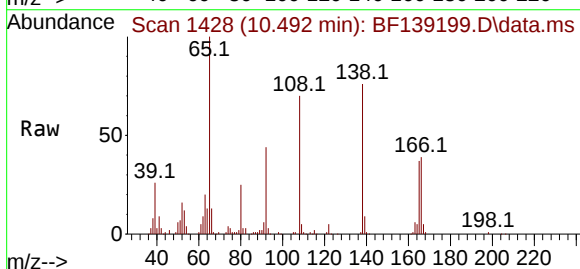
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

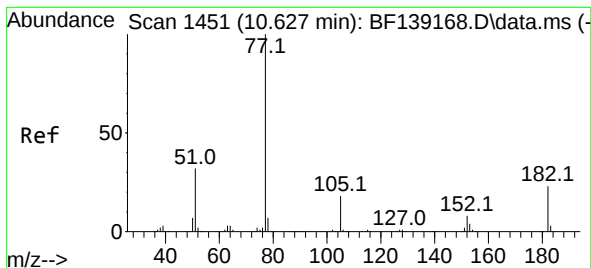
Tgt Ion:204 Resp: 248558
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.4
141 60.8 49.6 74.4



#62
4-Nitroaniline
Concen: 45.106 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:138 Resp: 110298
Ion Ratio Lower Upper
138 100
92 58.1 42.4 82.4
108 91.8 74.0 114.0





#63

Azobenzene

Concen: 42.282 ng

RT: 10.627 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 539205

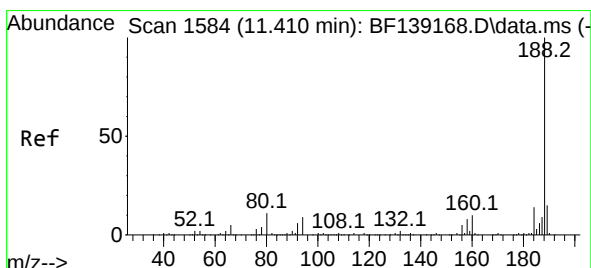
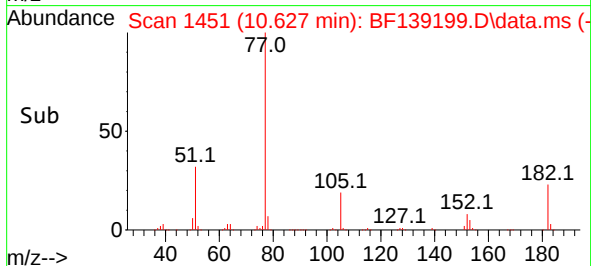
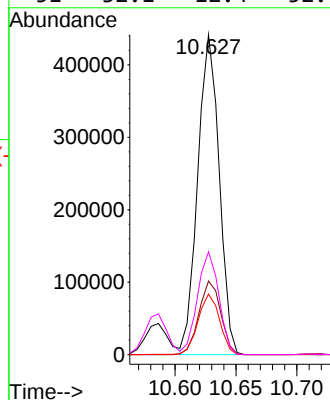
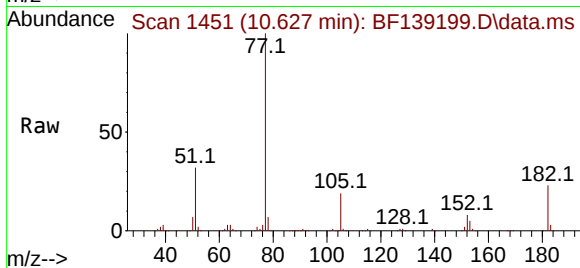
Ion Ratio Lower Upper

77 100

182 23.0 2.4 42.4

105 19.0 0.0 38.2

51 32.1 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

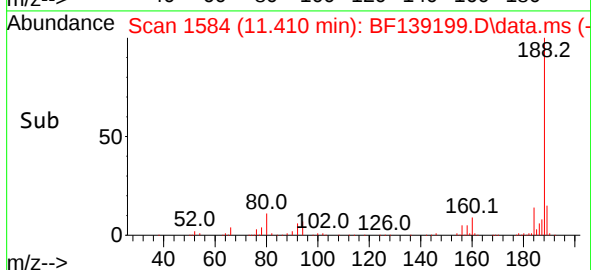
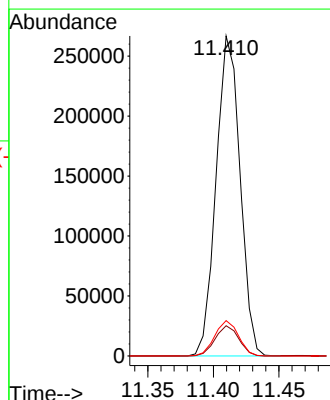
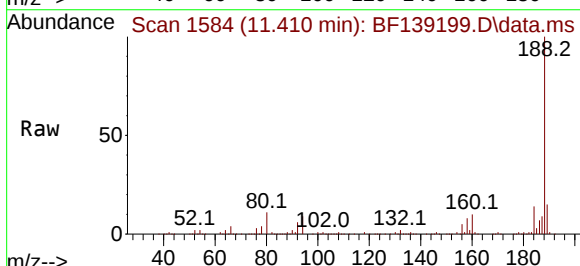
Tgt Ion:188 Resp: 338473

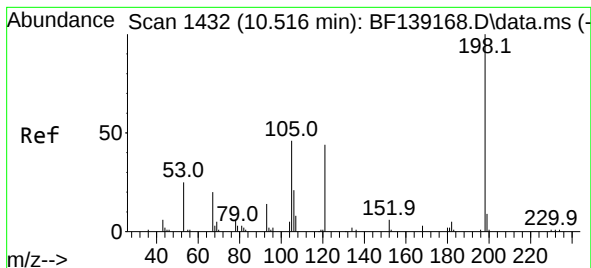
Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 11.1 8.9 13.3

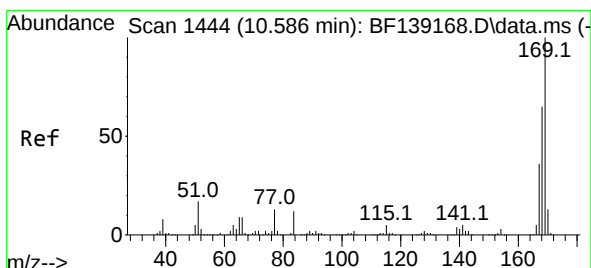
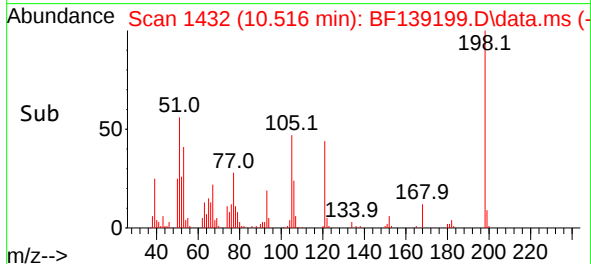
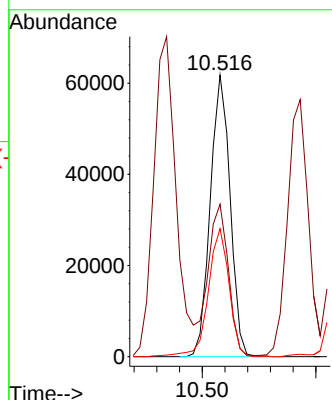
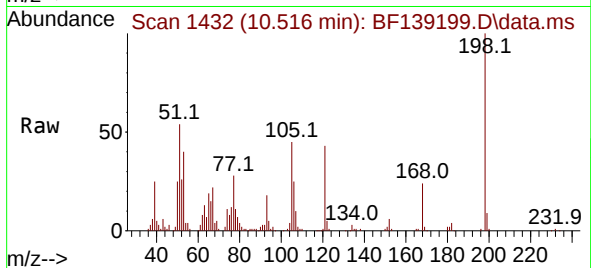




#65
4,6-Dinitro-2-methylphenol
Concen: 54.779 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

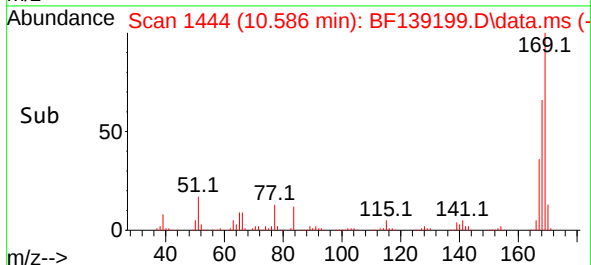
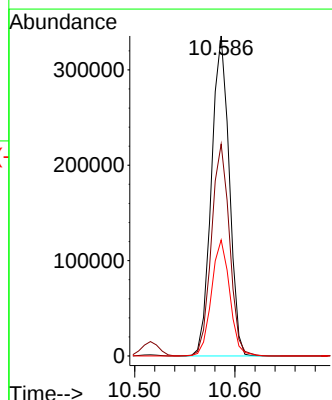
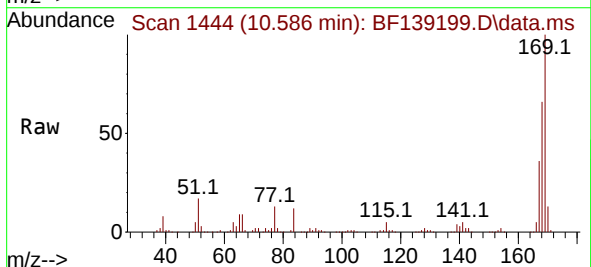
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

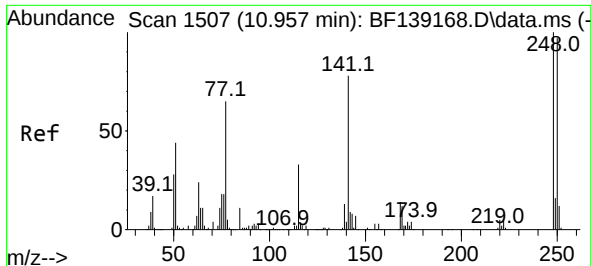
Tgt Ion:198 Resp: 74783
Ion Ratio Lower Upper
198 100
51 54.1 39.2 79.2
105 45.4 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 41.284 ng
RT: 10.586 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:169 Resp: 413839
Ion Ratio Lower Upper
169 100
168 66.2 52.3 78.5
167 36.3 29.0 43.4

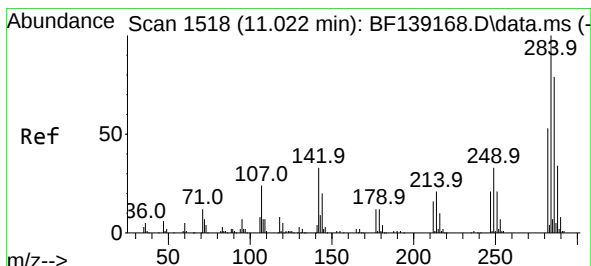
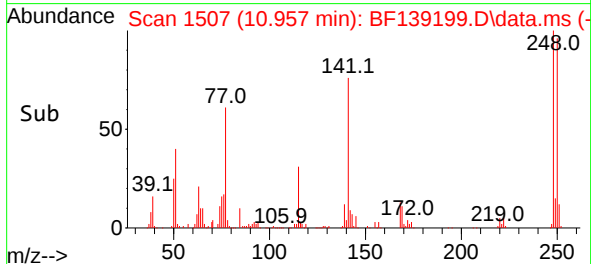
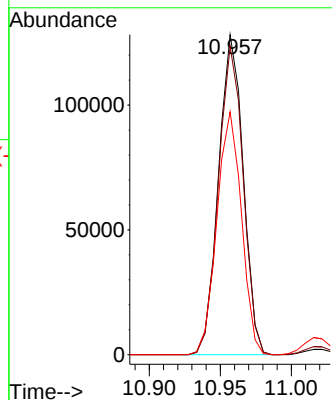
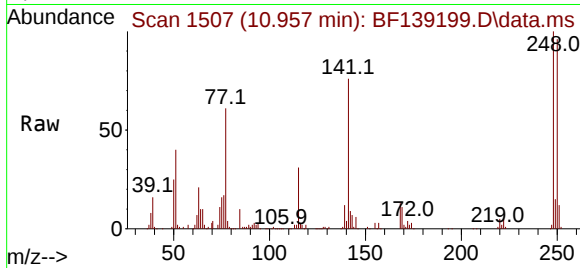




#67
4-Bromophenyl-phenylether
Concen: 43.056 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

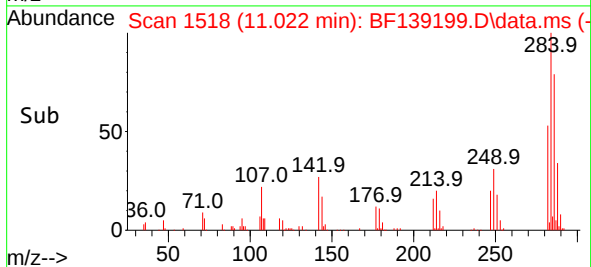
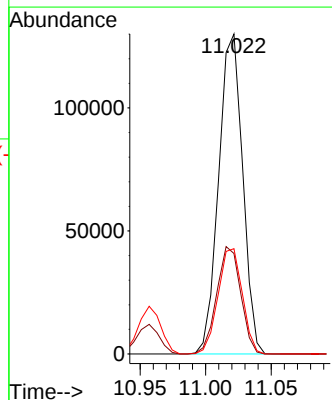
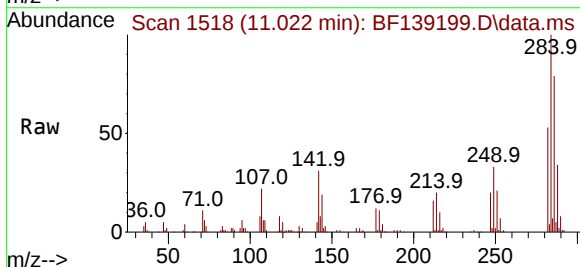
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

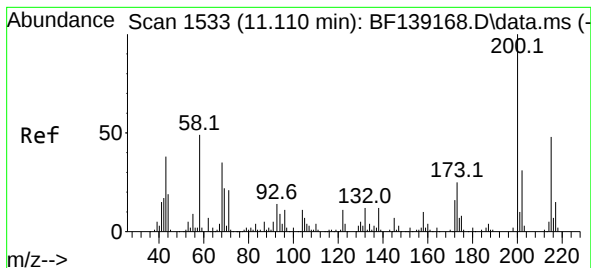
Tgt Ion:248 Resp: 154845
Ion Ratio Lower Upper
248 100
250 96.4 78.0 117.0
141 75.9 62.6 94.0



#68
Hexachlorobenzene
Concen: 42.467 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:284 Resp: 165284
Ion Ratio Lower Upper
284 100
142 31.4 26.6 40.0
249 32.9 26.5 39.7





#69

Atrazine

Concen: 40.958 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

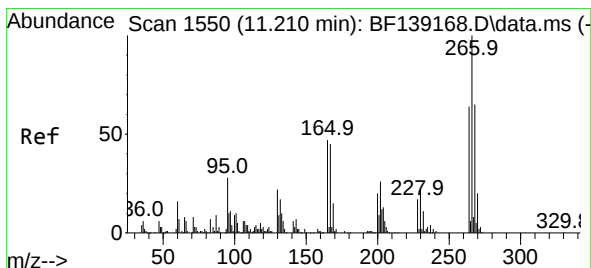
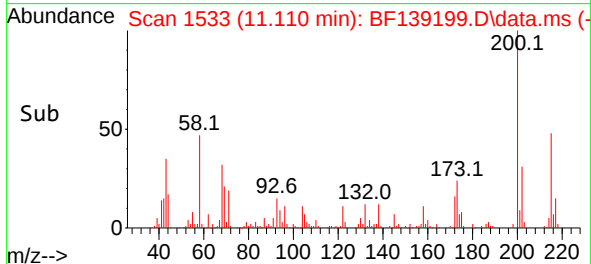
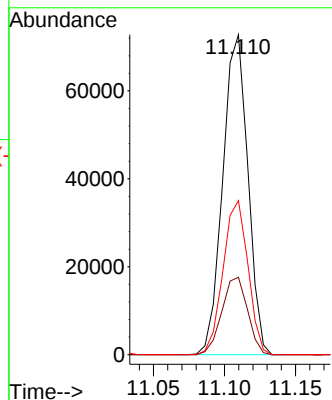
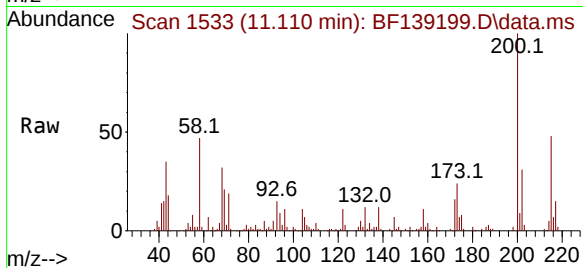
Tgt Ion:200 Resp: 89553

Ion Ratio Lower Upper

200 100

173 24.2 4.7 44.7

215 48.2 28.2 68.2



#70

Pentachlorophenol

Concen: 49.771 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

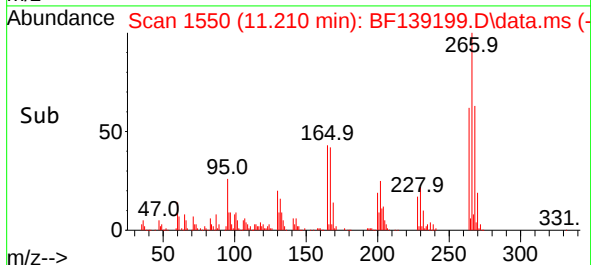
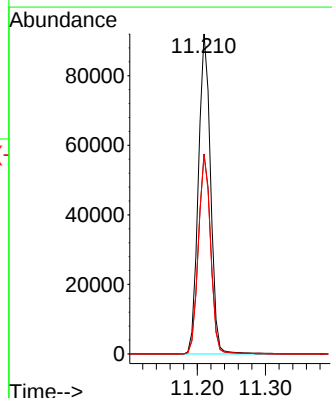
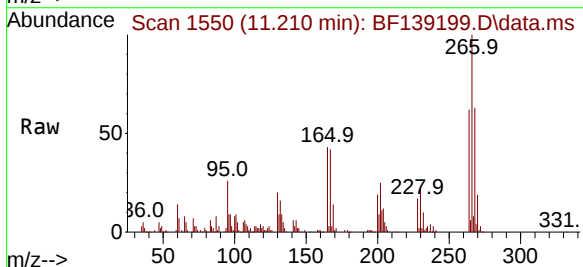
Tgt Ion:266 Resp: 113728

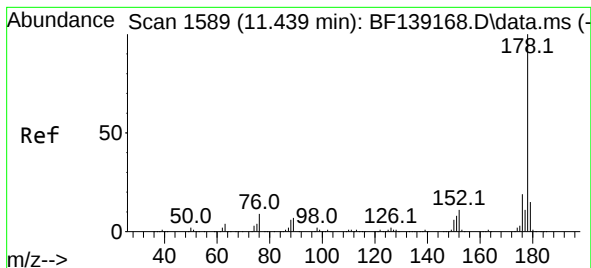
Ion Ratio Lower Upper

266 100

268 62.5 51.8 77.8

264 62.4 51.0 76.6





#71

Phenanthrene

Concen: 40.457 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

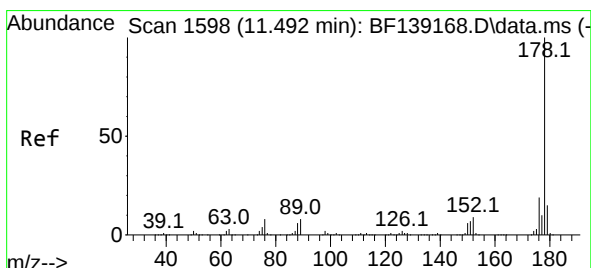
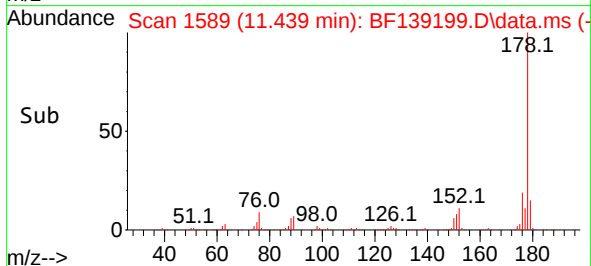
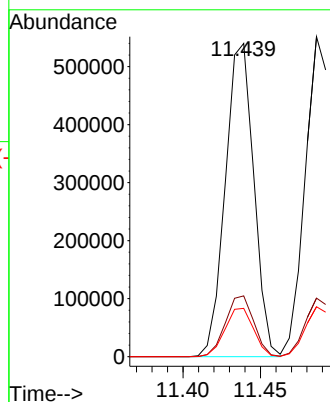
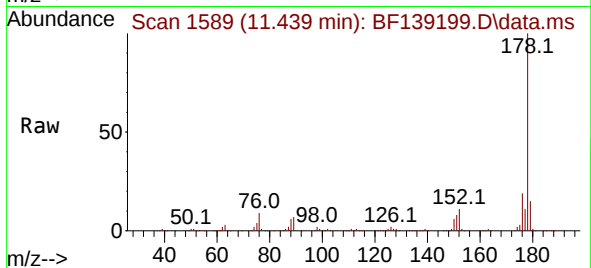
Tgt Ion:178 Resp: 691981

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.4 12.2 18.4



#72

Anthracene

Concen: 40.961 ng

RT: 11.486 min Scan# 1597

Delta R.T. -0.006 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

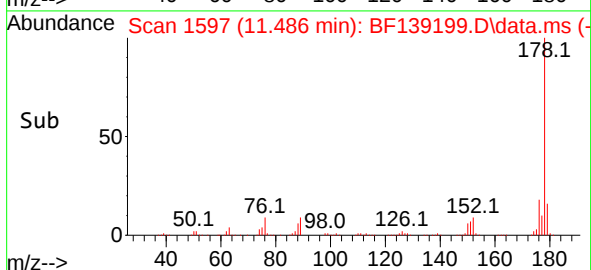
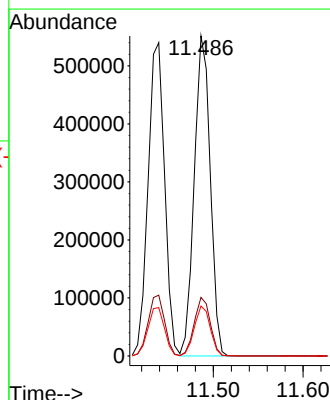
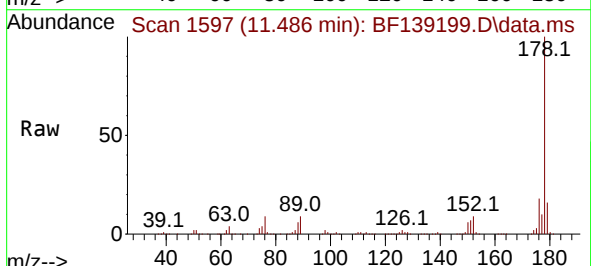
Tgt Ion:178 Resp: 682940

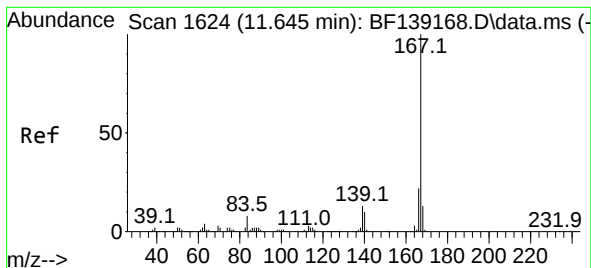
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

179 15.6 12.3 18.5





#73

Carbazole

Concen: 40.733 ng

RT: 11.639 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

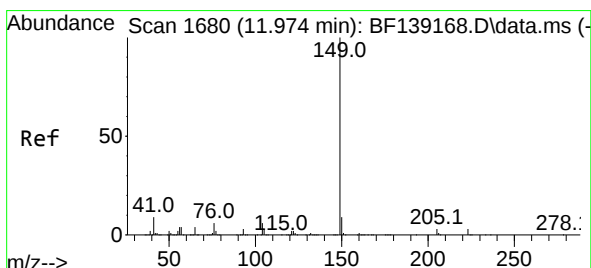
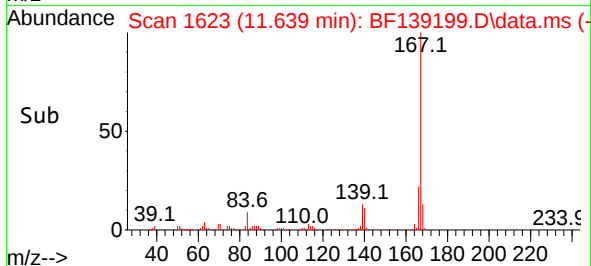
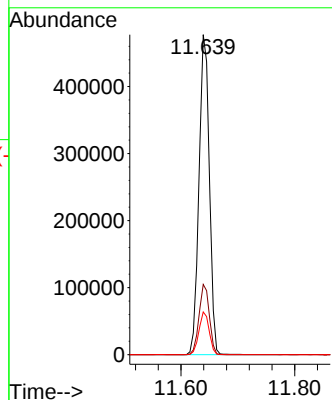
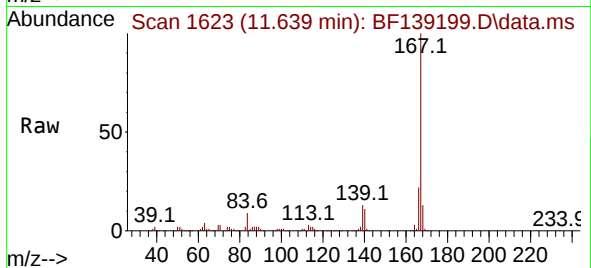
Tgt Ion:167 Resp: 607535

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 13.4 10.3 15.5



#74

Di-n-butylphthalate

Concen: 48.705 ng

RT: 11.974 min Scan# 1680

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

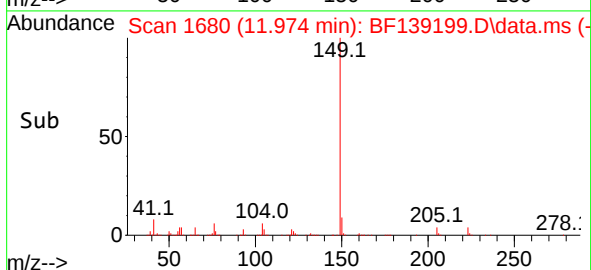
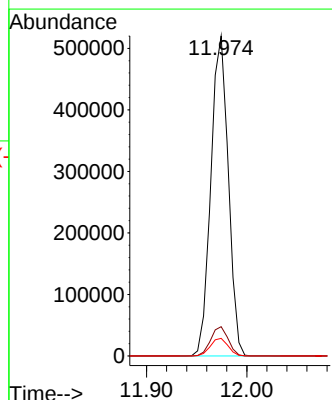
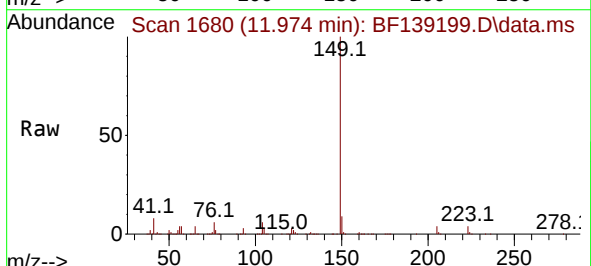
Tgt Ion:149 Resp: 629611

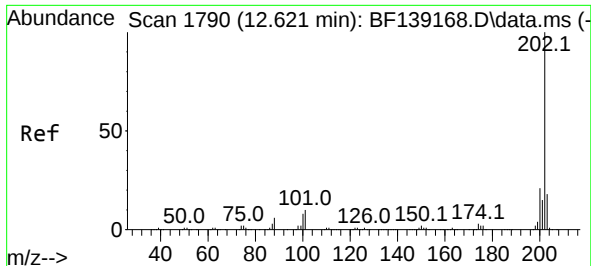
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.5 4.4 6.6

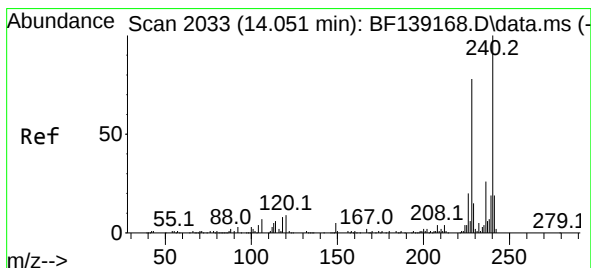
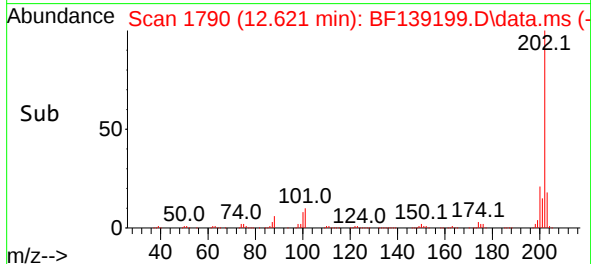
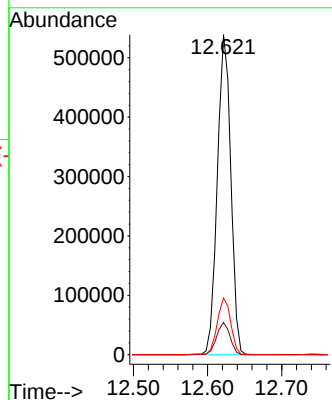
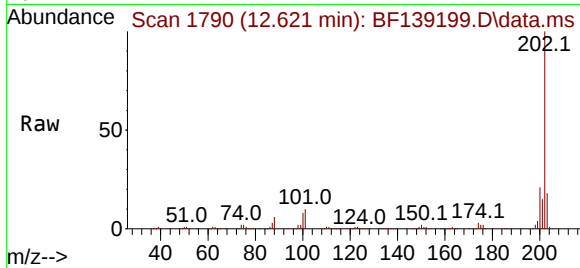




#75
Fluoranthene
Concen: 40.943 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

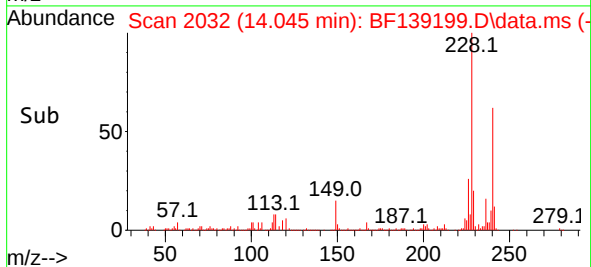
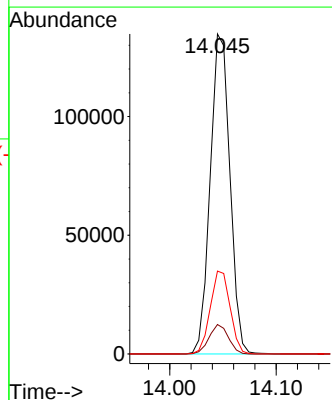
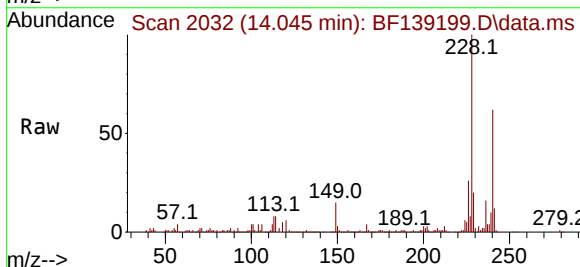
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

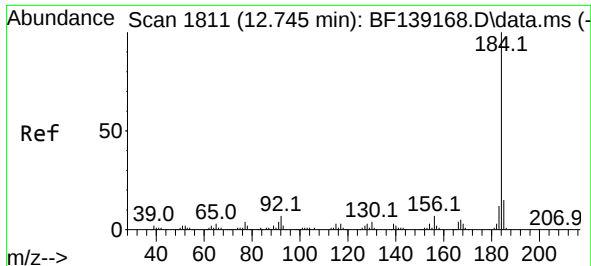
Tgt Ion:202 Resp: 679608
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.1
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:240 Resp: 172984
Ion Ratio Lower Upper
240 100
120 9.2 6.9 10.3
236 25.9 20.9 31.3

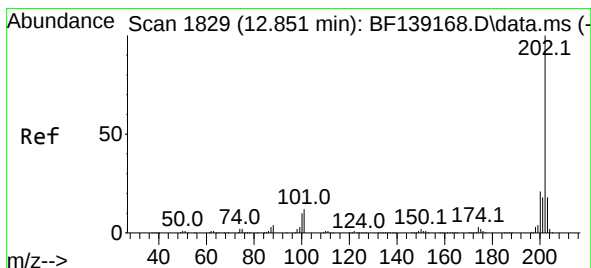
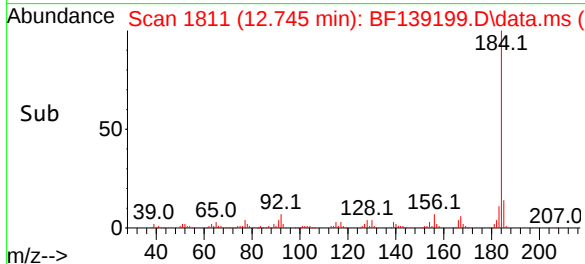
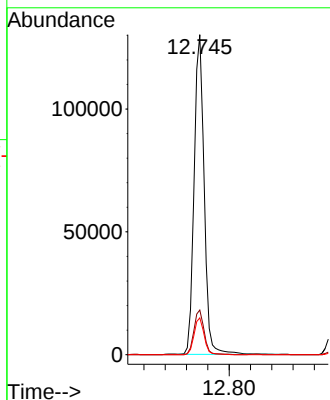
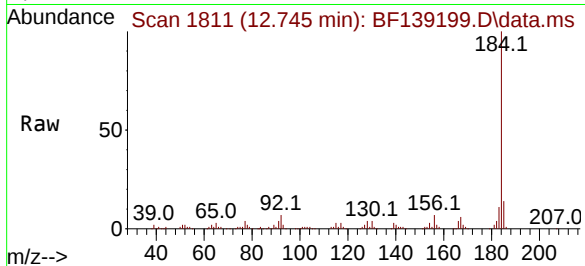




#77
Benzidine
Concen: 58.201 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

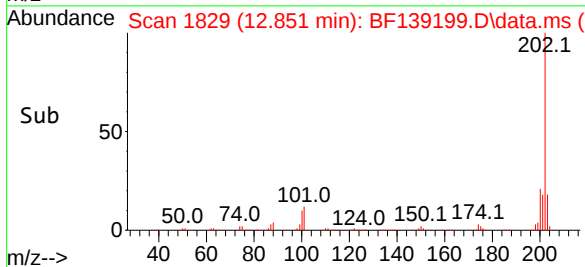
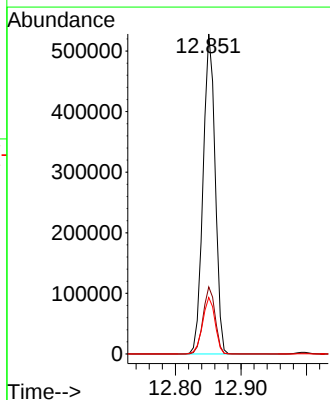
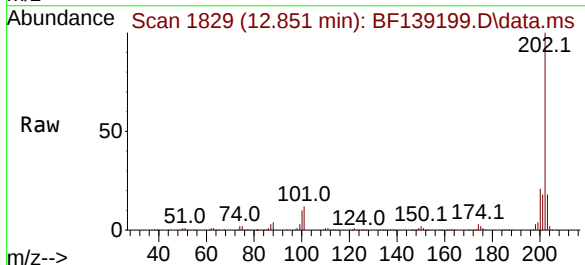
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

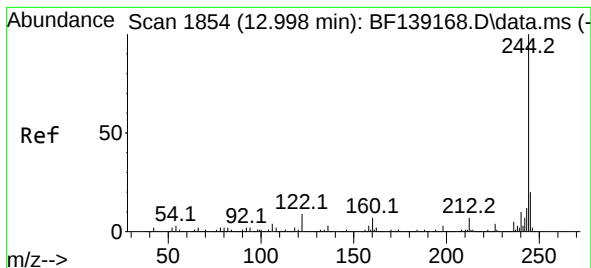
Tgt Ion:184 Resp: 169890
Ion Ratio Lower Upper
184 100
185 14.0 12.1 18.1
183 11.5 9.4 14.0



#78
Pyrene
Concen: 41.760 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:202 Resp: 678556
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 86.248 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

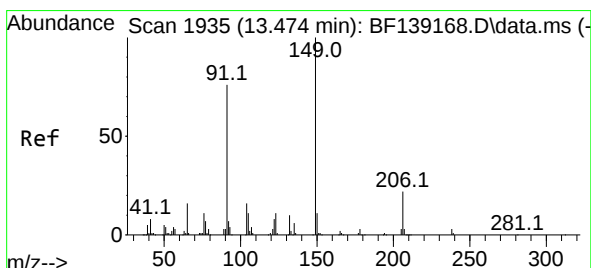
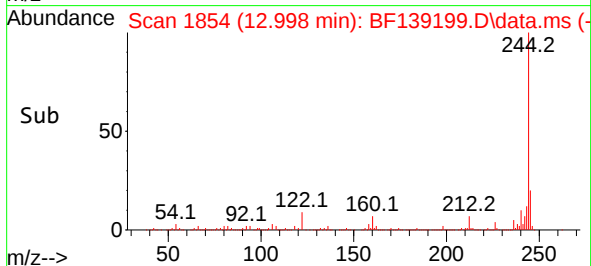
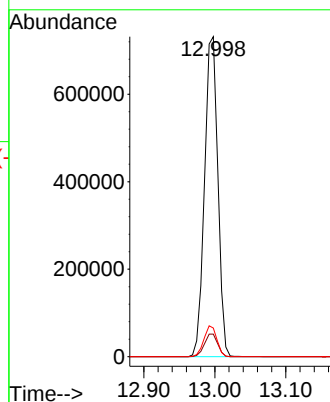
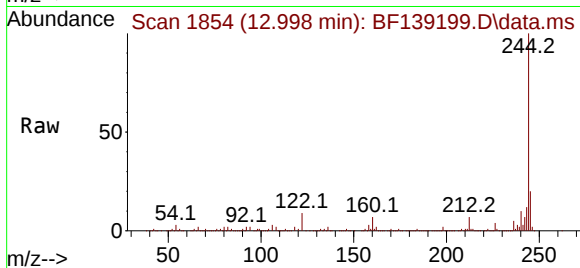
Tgt Ion:244 Resp: 956184

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 8.9 7.6 11.4



#80

Butylbenzylphthalate

Concen: 50.587 ng

RT: 13.468 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

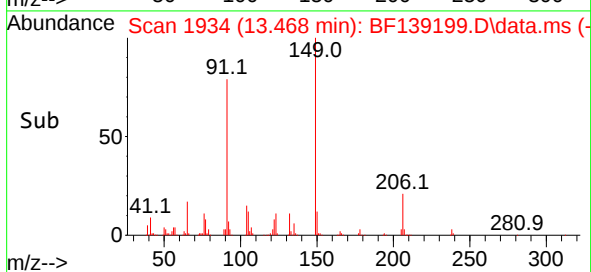
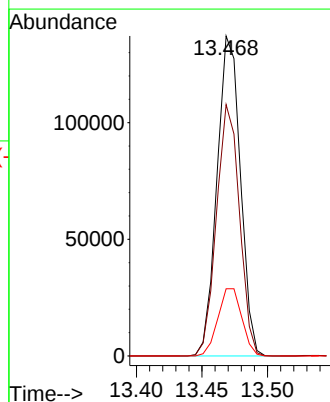
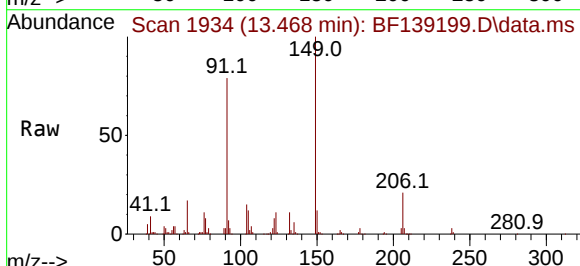
Tgt Ion:149 Resp: 169757

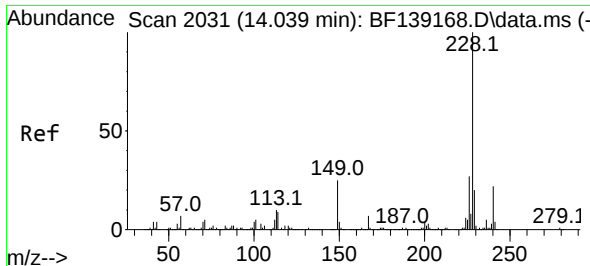
Ion Ratio Lower Upper

149 100

91 78.6 60.9 91.3

206 21.0 17.7 26.5

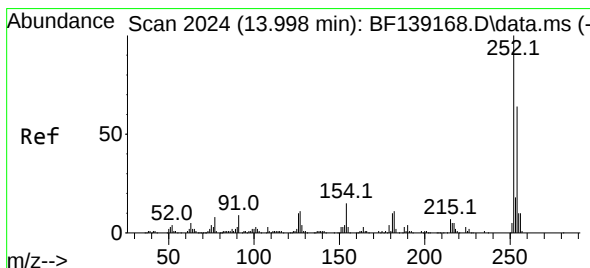
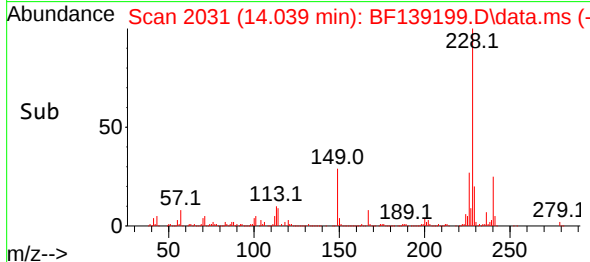
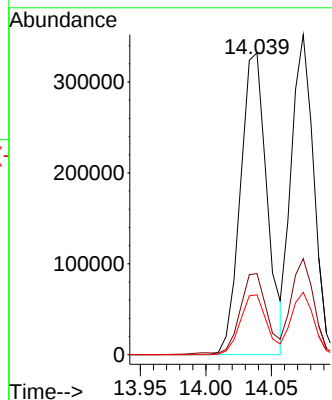
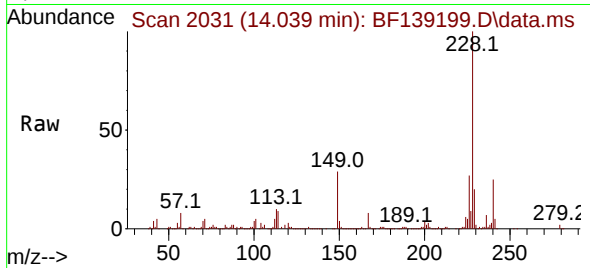




#81
Benzo(a)anthracene
Concen: 40.982 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

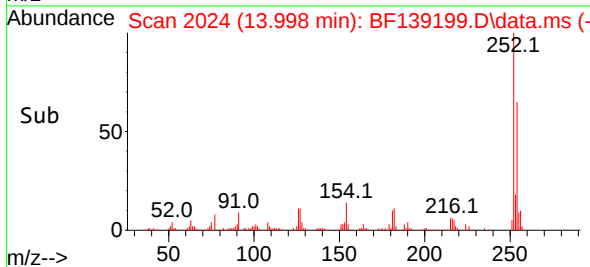
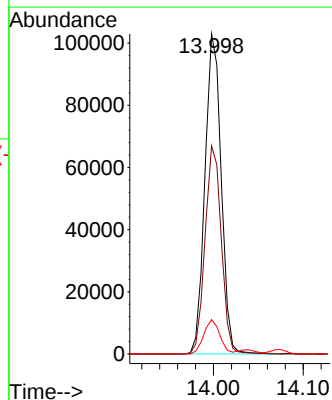
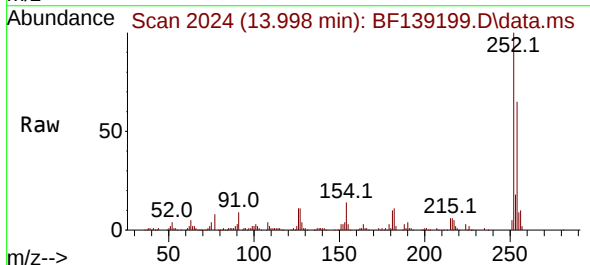
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

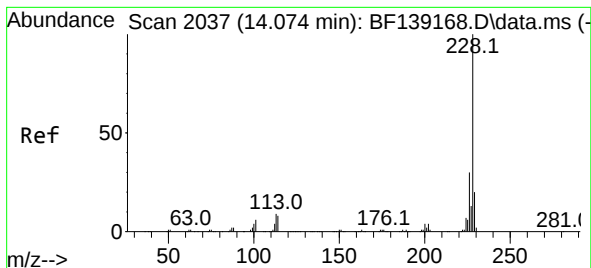
Tgt Ion:228 Resp: 469713
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.2
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 48.493 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:252 Resp: 129406
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.0
126 10.7 8.2 12.2





#83

Chrysene

Concen: 40.344 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

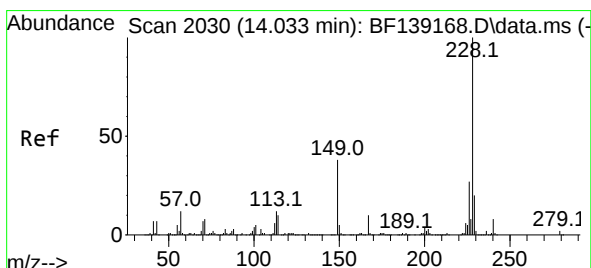
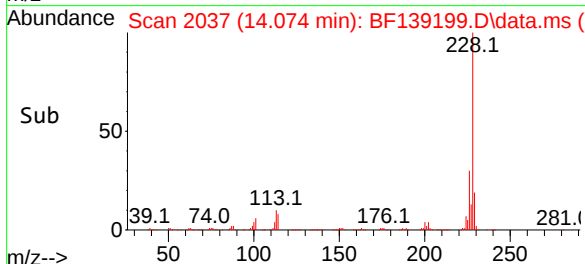
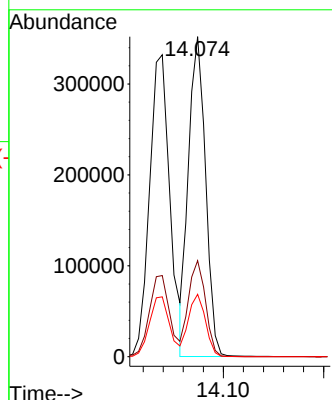
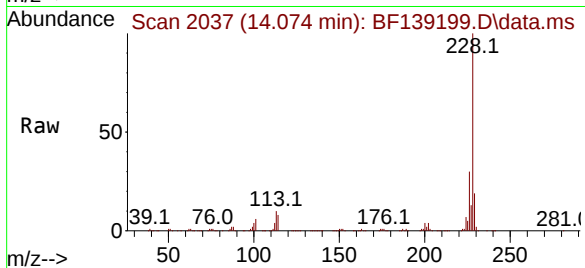
Tgt Ion:228 Resp: 417116

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.653 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

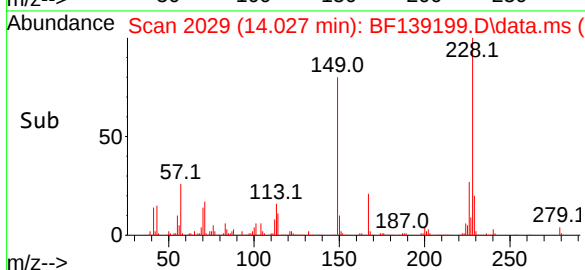
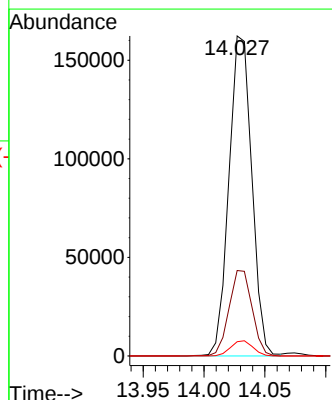
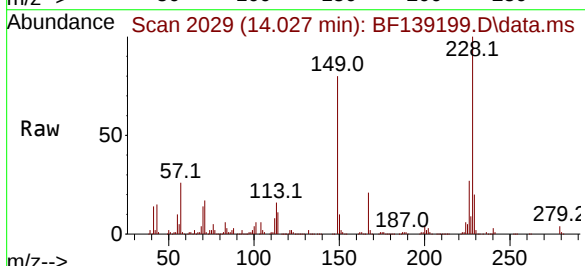
Tgt Ion:149 Resp: 212145

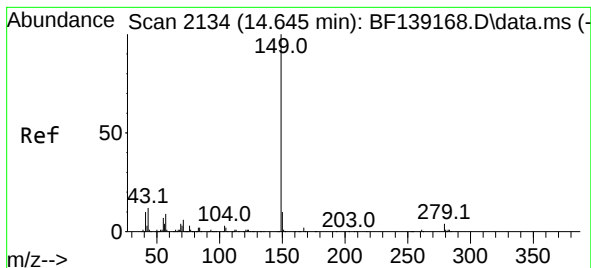
Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 49.542 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

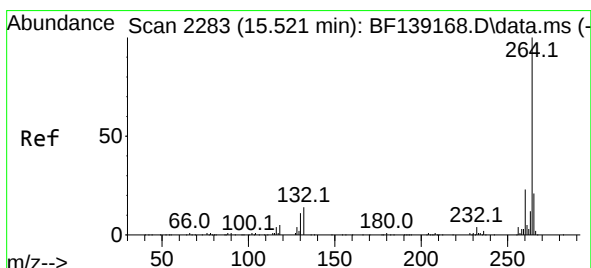
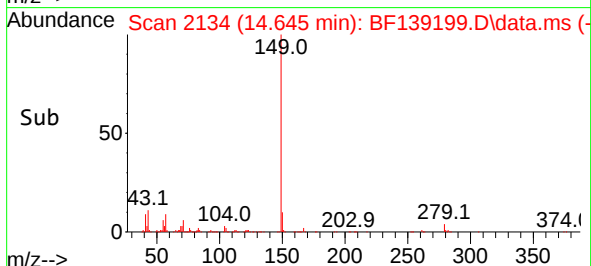
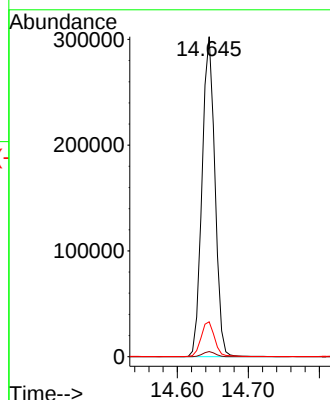
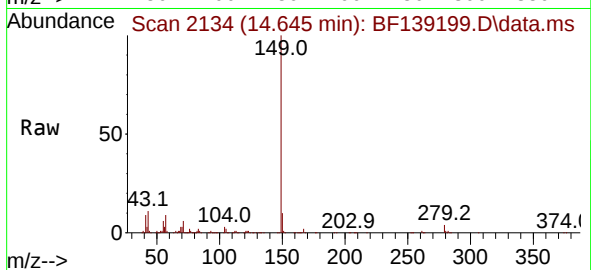
Tgt Ion:149 Resp: 382195

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.7 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2282

Delta R.T. -0.006 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

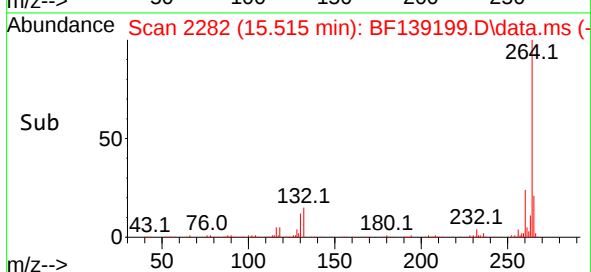
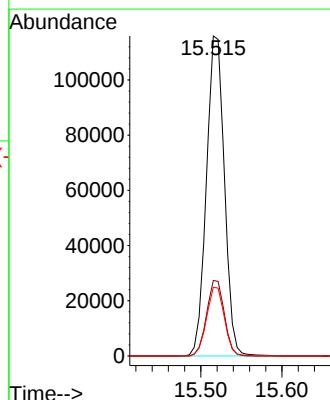
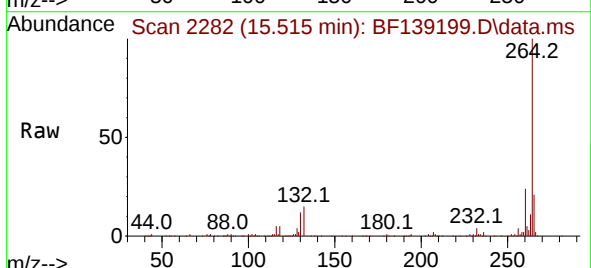
Tgt Ion:264 Resp: 177987

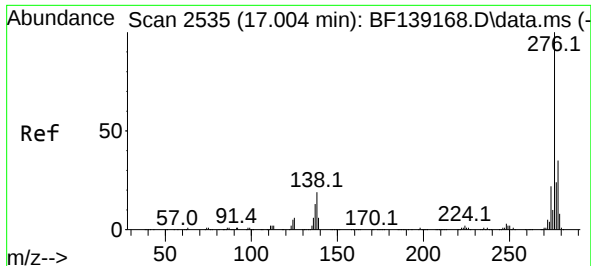
Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 21.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.556 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

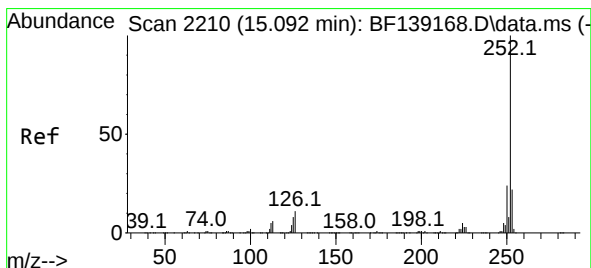
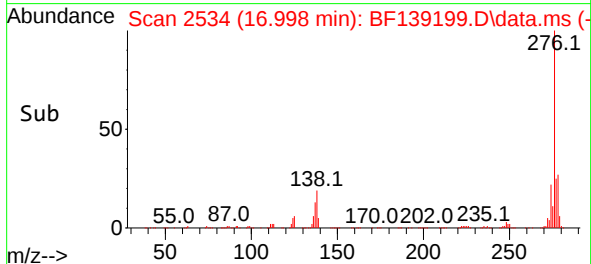
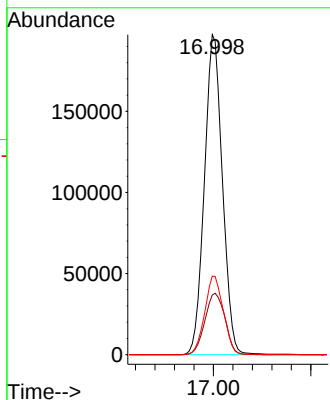
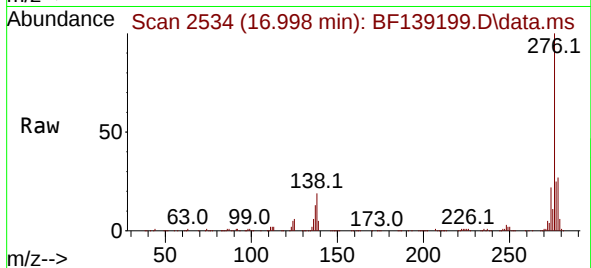
Tgt Ion:276 Resp: 505734

Ion Ratio Lower Upper

276 100

138 21.4 17.4 26.2

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 43.237 ng

RT: 15.086 min Scan# 2209

Delta R.T. -0.006 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

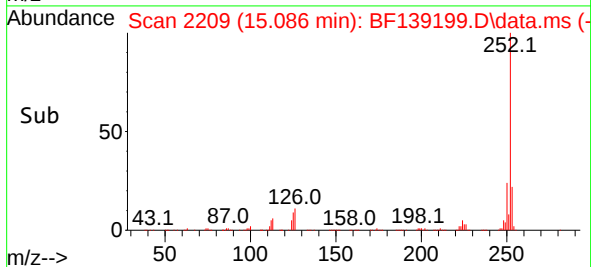
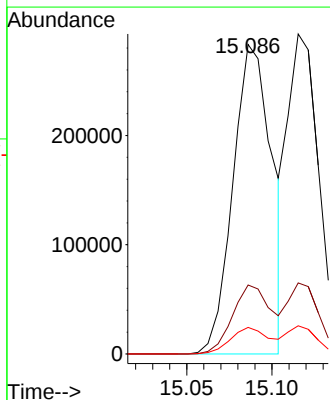
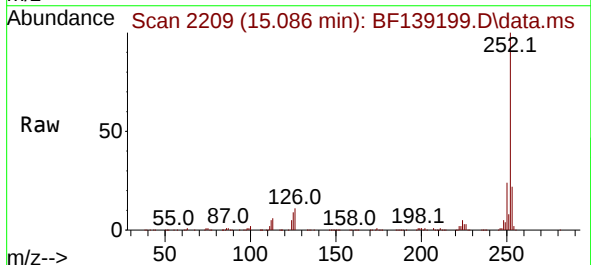
Tgt Ion:252 Resp: 450173

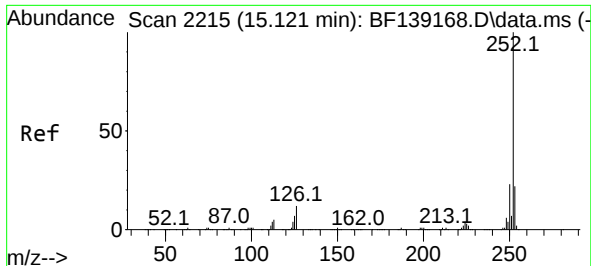
Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 8.6 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 39.619 ng

RT: 15.115 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

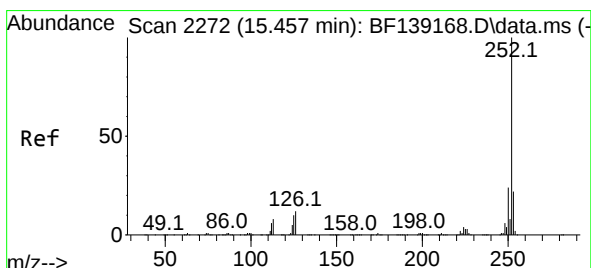
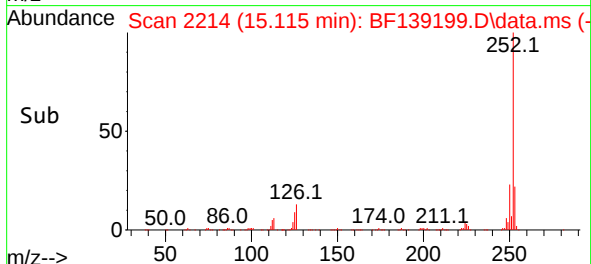
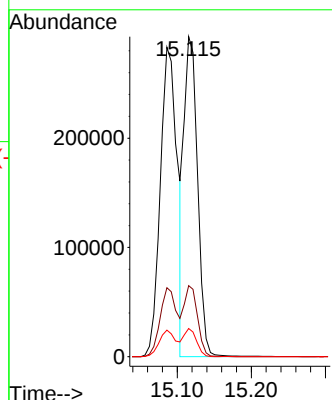
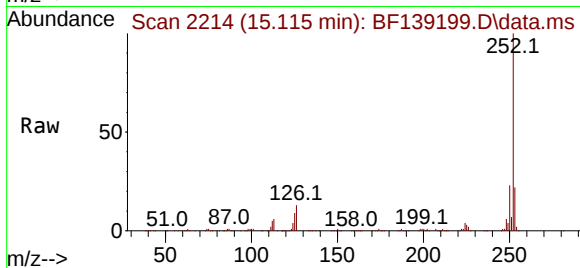
Tgt Ion:252 Resp: 372942

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.8 6.5 9.7



#90

Benzo(a)pyrene

Concen: 42.180 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.000 min

Lab File: BF139199.D

Acq: 28 Aug 2024 10:06

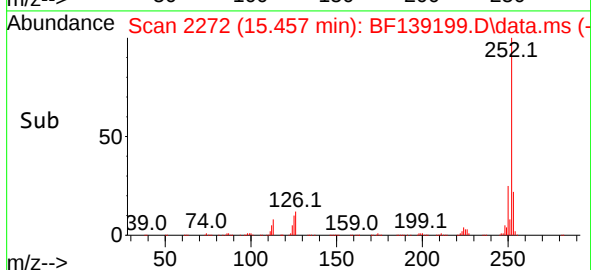
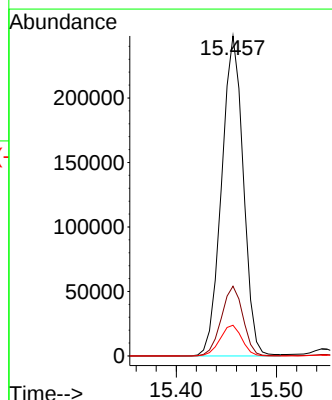
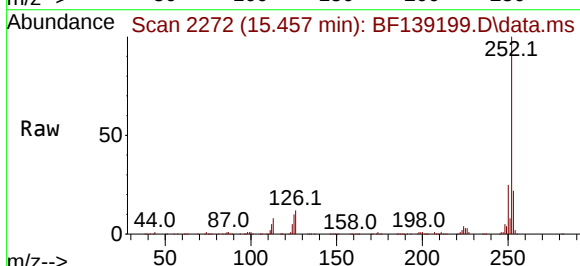
Tgt Ion:252 Resp: 372771

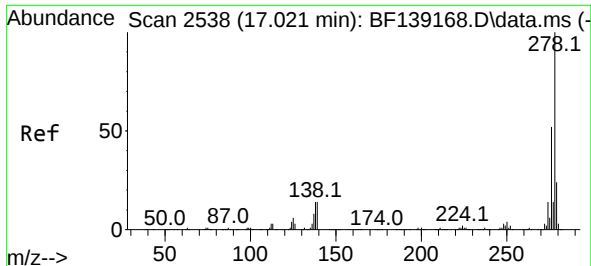
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.6 7.8 11.6

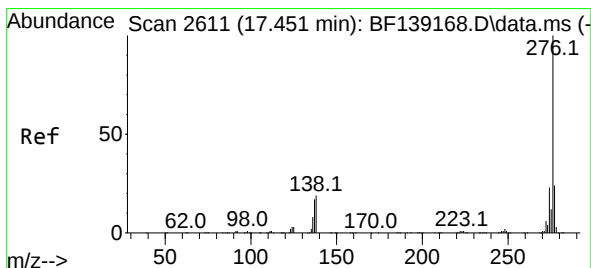
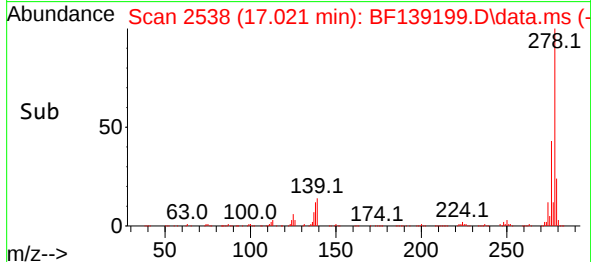
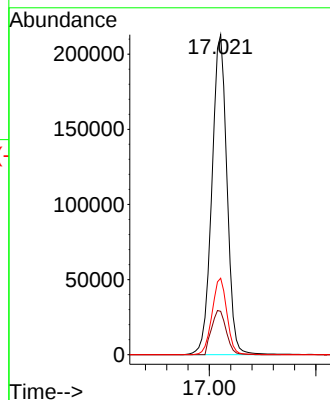
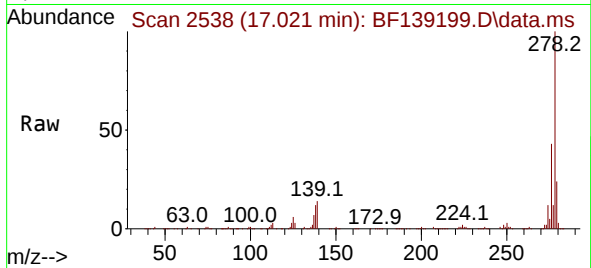




#91
Dibenzo(a,h)anthracene
Concen: 41.888 ng
RT: 17.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 417828
Ion Ratio Lower Upper
278 100
139 13.6 11.2 16.8
279 23.9 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 41.589 ng
RT: 17.451 min Scan# 2611
Delta R.T. -0.000 min
Lab File: BF139199.D
Acq: 28 Aug 2024 10:06

Tgt Ion:276 Resp: 429099
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 18.2 15.0 22.6

