

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139025.D
 Acq On : 15 Aug 2024 16:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 15 17:00:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	46198	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	185235	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	103494	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	173892	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	85690	20.000	ng	0.00
86) Perylene-d12	15.463	264	90423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	237489	79.354	ng	0.00
7) Phenol-d6	6.487	99	320905	79.865	ng	0.00
23) Nitrobenzene-d5	7.410	82	316549	83.551	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	67746	79.912	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	573298	83.230	ng	-0.01
79) Terphenyl-d14	12.939	244	411582	80.418	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	46829	35.741	ng	# 93
3) Pyridine	3.334	79	117086	36.889	ng	96
4) n-Nitrosodimethylamine	3.305	42	86767	45.899	ng	82
6) Aniline	6.504	93	138876	38.755	ng	# 46
8) 2-Chlorophenol	6.628	128	127161	40.385	ng	98
9) Benzaldehyde	6.393	77	86956	36.101	ng	98
10) Phenol	6.504	94	165513	39.123	ng	# 72
11) bis(2-Chloroethyl)ether	6.575	93	120930	37.146	ng	98
12) 1,3-Dichlorobenzene	6.775	146	139572	39.599	ng	97
13) 1,4-Dichlorobenzene	6.857	146	140243	39.427	ng	99
14) 1,2-Dichlorobenzene	7.010	146	133623	40.196	ng	99
15) Benzyl Alcohol	6.993	79	125711	43.408	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	203620	36.343	ng	# 48
17) 2-Methylphenol	7.104	107	101359	38.983	ng	# 87
18) Hexachloroethane	7.345	117	54124	40.423	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	98862	40.737	ng	97
20) 3+4-Methylphenols	7.257	107	137424	41.195	ng	95
22) Acetophenone	7.251	105	190713	42.049	ng	99
24) Nitrobenzene	7.428	77	158834	41.199	ng	99
25) Isophorone	7.663	82	261884	40.481	ng	98
26) 2-Nitrophenol	7.740	139	66148	39.880	ng	90
27) 2,4-Dimethylphenol	7.781	122	78290	39.450	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	151398	38.429	ng	98
29) 2,4-Dichlorophenol	7.992	162	103656	40.648	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	117336	39.871	ng	98
31) Naphthalene	8.140	128	385336	39.521	ng	99
32) Benzoic acid	7.934	122	47480	30.436	ng	93
33) 4-Chloroaniline	8.198	127	121655	37.170	ng	97
34) Hexachlorobutadiene	8.251	225	74310	41.689	ng	98
35) Caprolactam	8.575	113	32303	42.453	ng	90
36) 4-Chloro-3-methylphenol	8.687	107	121466	41.678	ng	100
37) 2-Methylnaphthalene	8.828	142	248587	40.370	ng	99
38) 1-Methylnaphthalene	8.928	142	245538	40.692	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	115282	40.099	ng	99
41) Hexachlorocyclopentadiene	8.975	237	23932	35.677	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	67209	38.342	ng	98

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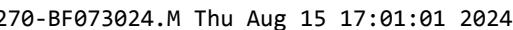
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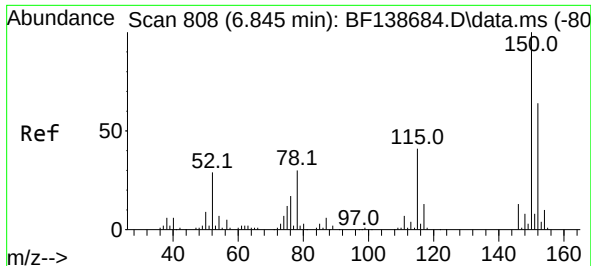
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	73797	38.511	ng	97
46) 1,1'-Biphenyl	9.292	154	324022	39.976	ng	99
47) 2-Chloronaphthalene	9.322	162	242402	40.211	ng	99
48) 2-Nitroaniline	9.428	65	87200	42.668	ng	97
49) Acenaphthylene	9.734	152	341255	39.913	ng	99
50) Dimethylphthalate	9.592	163	276736	41.819	ng	99
51) 2,6-Dinitrotoluene	9.663	165	65543	43.887	ng	# 84
52) Acenaphthene	9.904	154	229254	39.888	ng	99
53) 3-Nitroaniline	9.839	138	62039	40.183	ng	99
54) 2,4-Dinitrophenol	9.957	184	29830	43.390	ng	86
55) Dibenzofuran	10.075	168	331767	40.893	ng	96
56) 4-Nitrophenol	10.022	139	35833	38.596	ng	88
57) 2,4-Dinitrotoluene	10.075	165	83332	43.734	ng	# 78
58) Fluorene	10.422	166	274269	42.452	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	60241	41.119	ng	98
60) Diethylphthalate	10.292	149	275996	43.986	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	133567	42.035	ng	96
62) 4-Nitroaniline	10.457	138	54108	36.879	ng	86
63) Azobenzene	10.569	77	288112	41.401	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	42551	40.109	ng	89
66) n-Nitrosodiphenylamine	10.533	169	224448	41.293	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	77154	40.980	ng	97
68) Hexachlorobenzene	10.969	284	78472	40.368	ng	99
69) Atrazine	11.057	200	53241	37.965	ng	98
70) Pentachlorophenol	11.175	266	31789	36.280	ng	98
71) Phenanthrene	11.380	178	360273	40.236	ng	100
72) Anthracene	11.433	178	358261	40.615	ng	100
73) Carbazole	11.592	167	301941	39.675	ng	99
74) Di-n-butylphthalate	11.910	149	380361	44.460	ng	99
75) Fluoranthene	12.569	202	321989	38.519	ng	98
77) Benzidine	12.698	184	58104	28.350	ng	98
78) Pyrene	12.798	202	317893	39.402	ng	99
80) Butylbenzylphthalate	13.410	149	108747	42.091	ng	97
81) Benzo(a)anthracene	13.986	228	236524	40.083	ng	98
82) 3,3'-Dichlorobenzidine	13.951	252	62349	41.290	ng	99
83) Chrysene	14.027	228	205164	38.538	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	142898	37.771	ng	99
85) Di-n-octyl phthalate	14.574	149	249697	35.673	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	242158	37.370	ng	95
88) Benzo(b)fluoranthene	15.039	252	224297	40.015	ng	98
89) Benzo(k)fluoranthene	15.063	252	204228	42.081	ng	99
90) Benzo(a)pyrene	15.404	252	194217	41.192	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	198357	37.290	ng	96
92) Benzo(g,h,i)perylene	17.386	276	196424	35.585	ng	97

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

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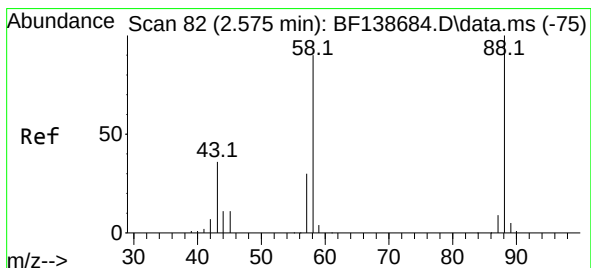
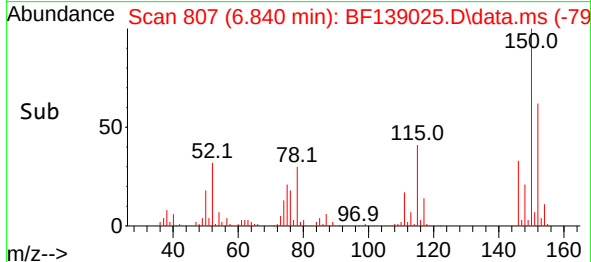
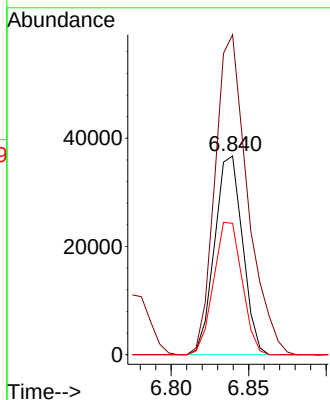
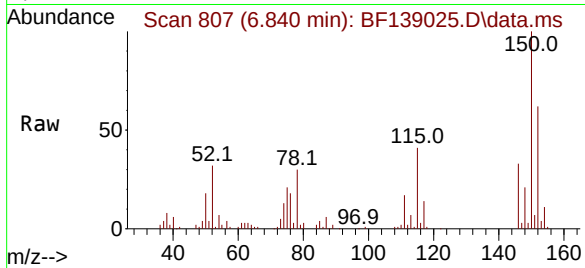




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF139025.D
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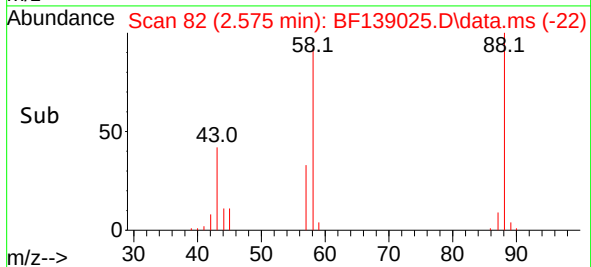
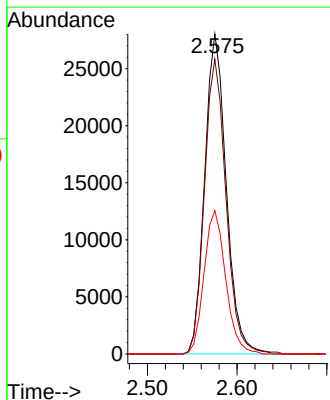
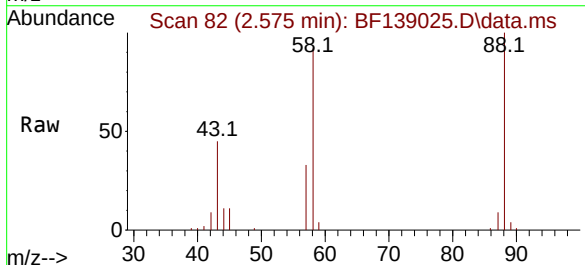
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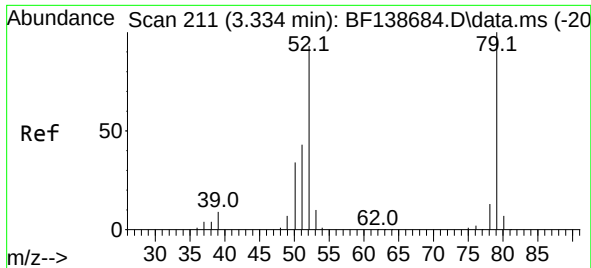
Tgt Ion:152 Resp: 46198
 Ion Ratio Lower Upper
 152 100
 150 161.0 126.0 189.0
 115 66.1 51.7 77.5



#2
 1,4-Dioxane
 Concen: 35.741 ng
 RT: 2.575 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: BF139025.D
 Acq: 15 Aug 2024 16:31

Tgt Ion: 88 Resp: 46829
 Ion Ratio Lower Upper
 88 100
 58 92.3 71.6 107.4
 43 44.9 28.7 43.1#





#3

Pyridine

Concen: 36.889 ng

RT: 3.334 min Scan# 211

Delta R.T. 0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

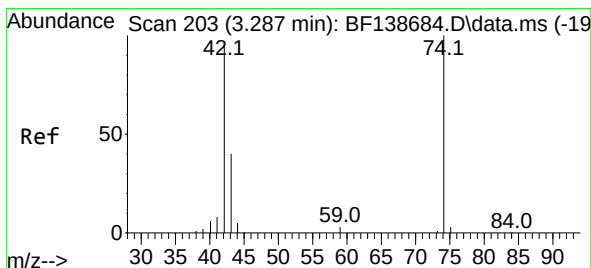
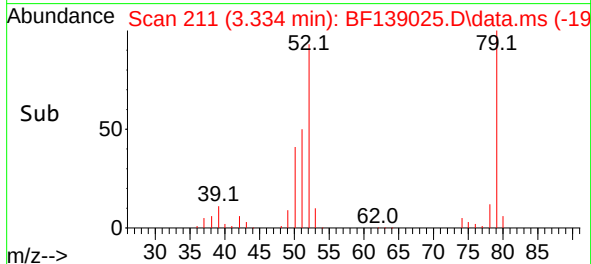
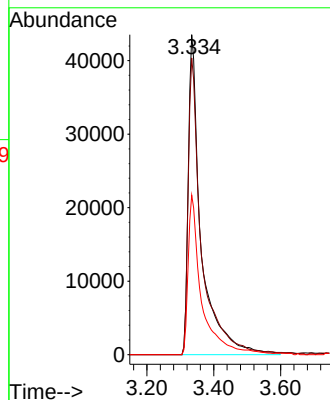
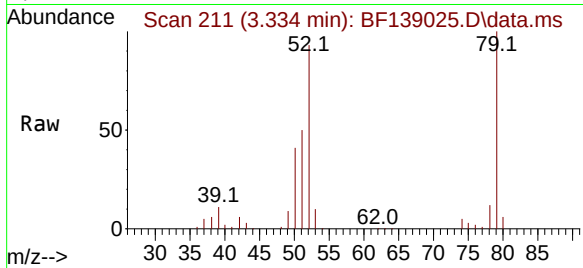
Tgt Ion: 79 Resp: 117086

Ion Ratio Lower Upper

79 100

52 92.8 74.7 112.1

51 49.9 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 45.899 ng

RT: 3.305 min Scan# 206

Delta R.T. 0.018 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

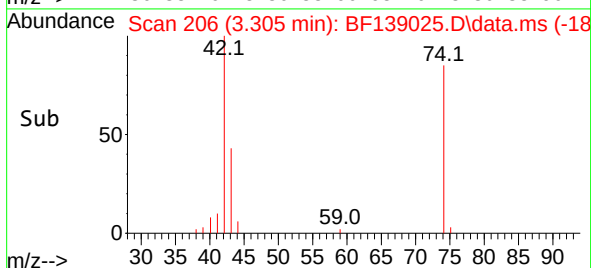
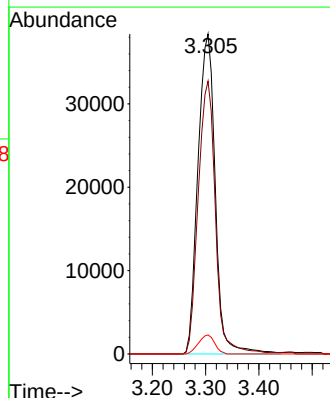
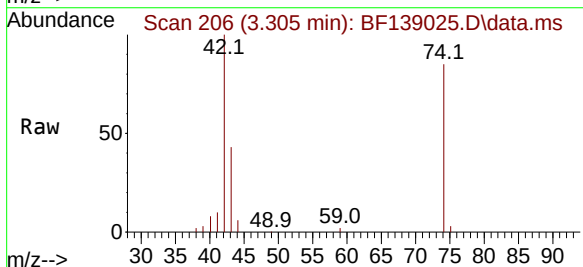
Tgt Ion: 42 Resp: 86767

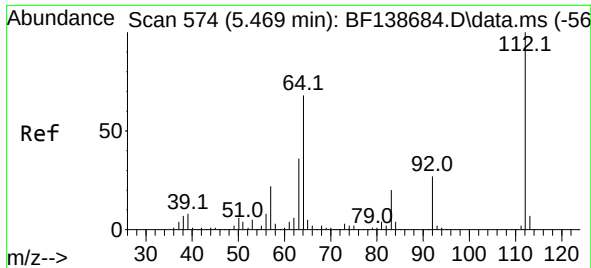
Ion Ratio Lower Upper

42 100

74 85.2 84.2 126.4

44 5.9 4.9 7.3

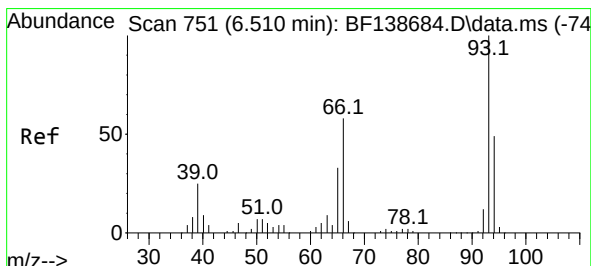
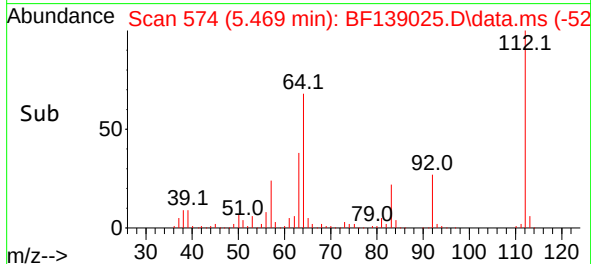
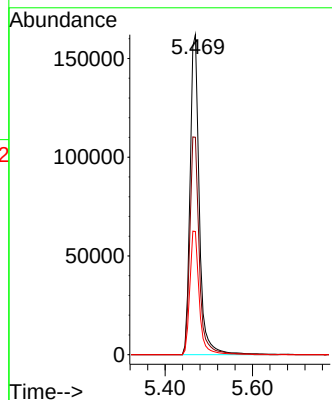
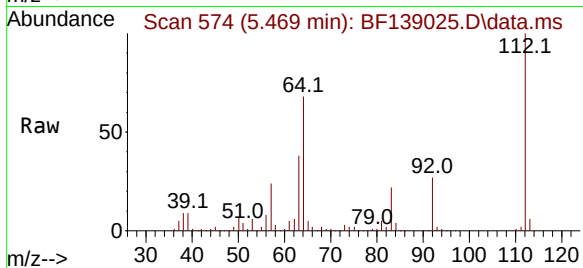




#5
2-Fluorophenol
Concen: 79.354 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

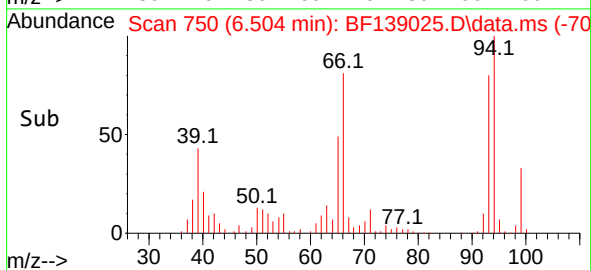
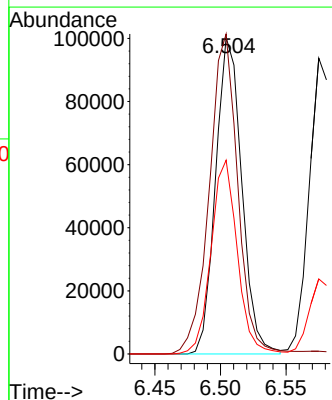
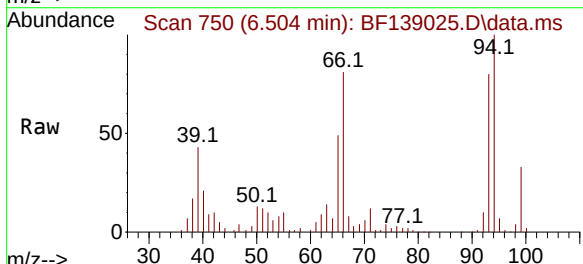
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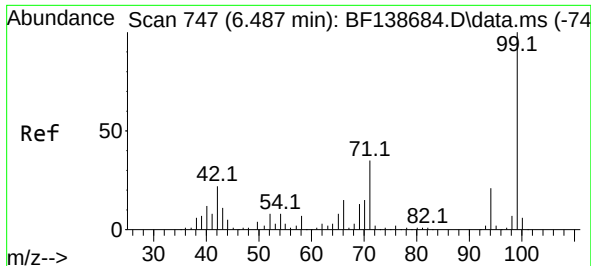
Tgt Ion:112 Resp: 237489
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 38.5 28.7 43.1



#6
Aniline
Concen: 38.755 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion: 93 Resp: 138876
Ion Ratio Lower Upper
93 100
66 101.1 46.9 70.3#
65 61.2 26.5 39.7#

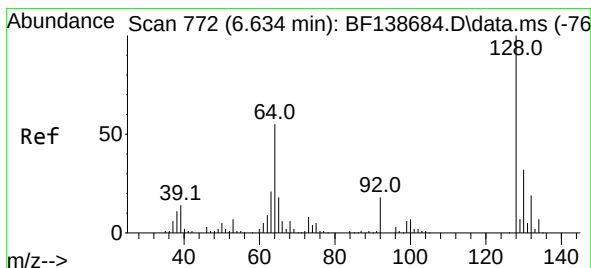
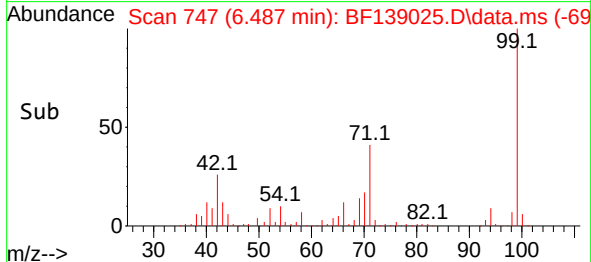
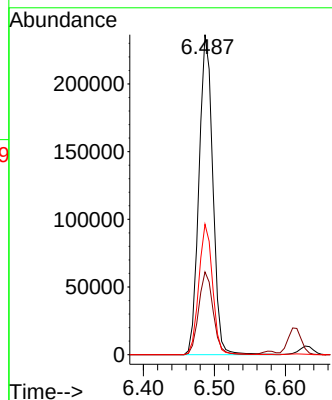
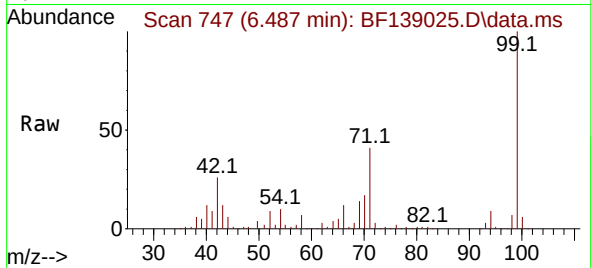




#7
Phenol-d6
Concen: 79.865 ng
RT: 6.487 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

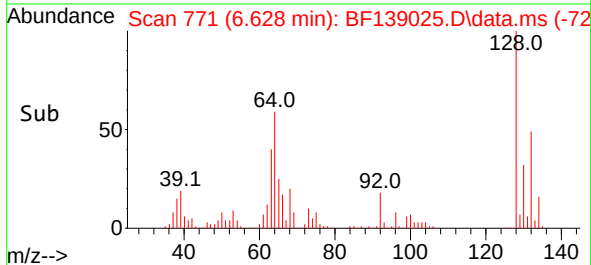
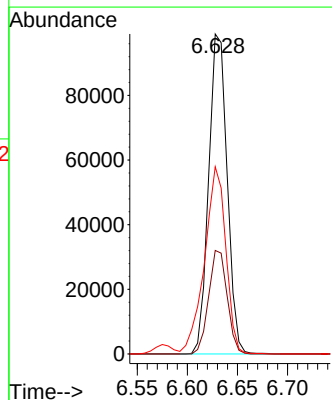
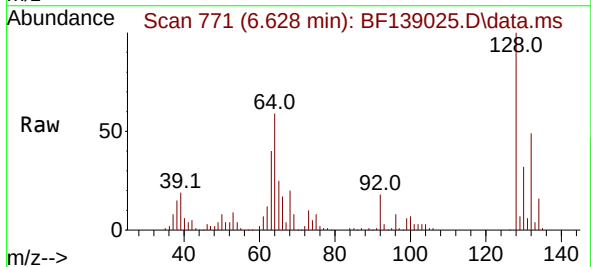
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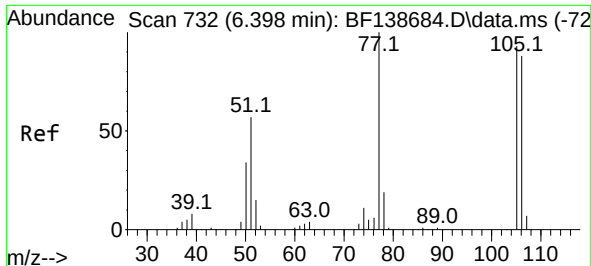
Tgt Ion: 99 Resp: 320905
Ion Ratio Lower Upper
99 100
42 25.9 17.4 26.0
71 40.7 28.1 42.1



#8
2-Chlorophenol
Concen: 40.385 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion: 128 Resp: 127161
Ion Ratio Lower Upper
128 100
130 32.4 12.0 52.0
64 58.5 36.3 76.3

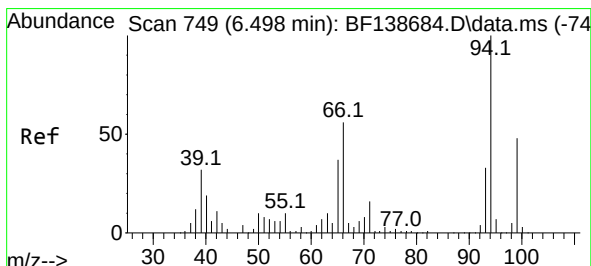
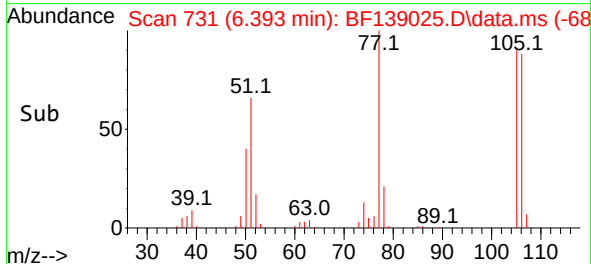
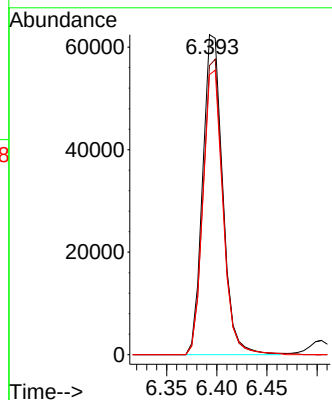
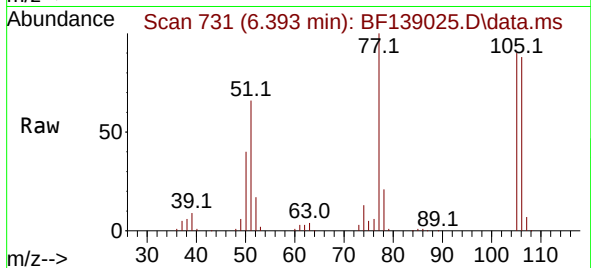




#9
Benzaldehyde
Concen: 36.101 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

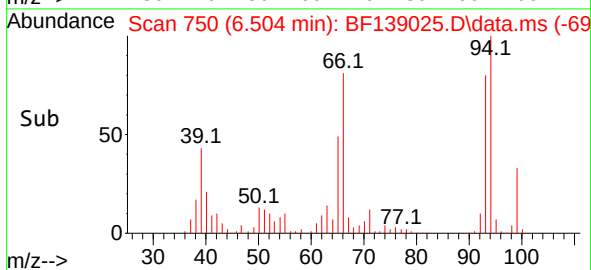
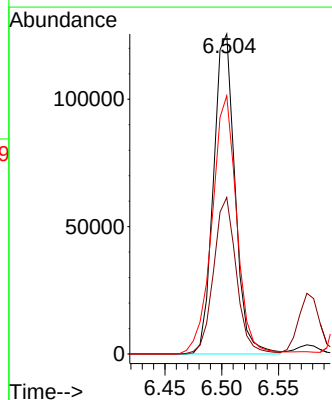
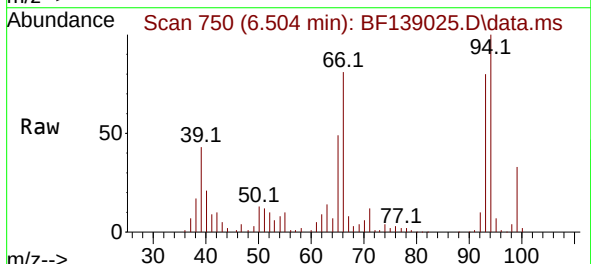
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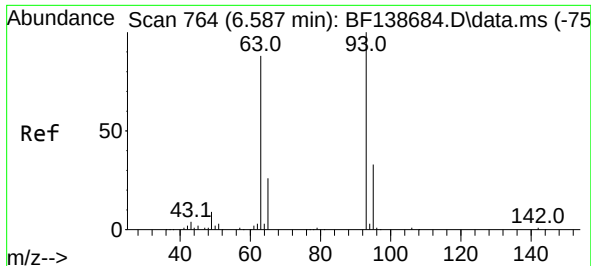
Tgt Ion: 77 Resp: 86956
Ion Ratio Lower Upper
77 100
105 90.3 72.9 112.9
106 87.5 68.4 108.4



#10
Phenol
Concen: 39.123 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion: 94 Resp: 165513
Ion Ratio Lower Upper
94 100
65 48.9 16.9 56.9
66 80.7 36.5 76.5#

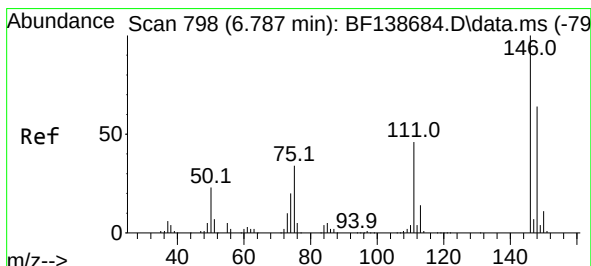
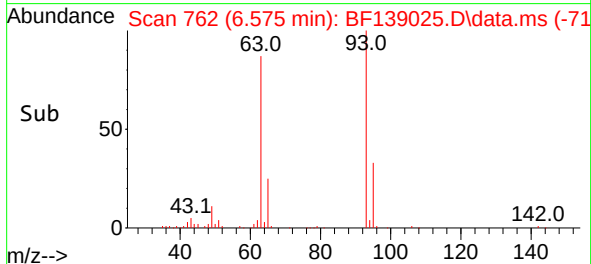
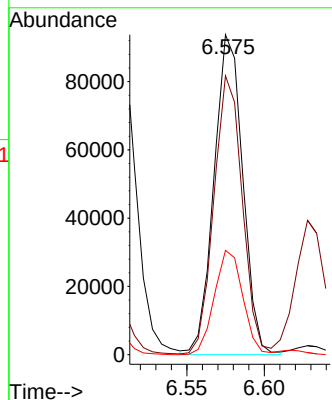
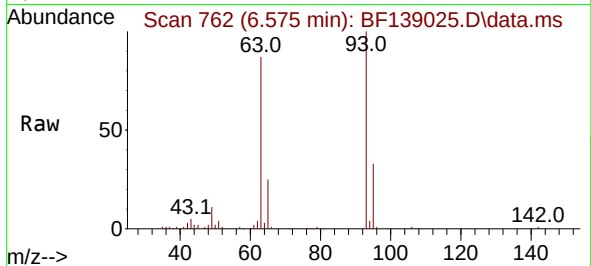




#11
bis(2-Chloroethyl)ether
Concen: 37.146 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

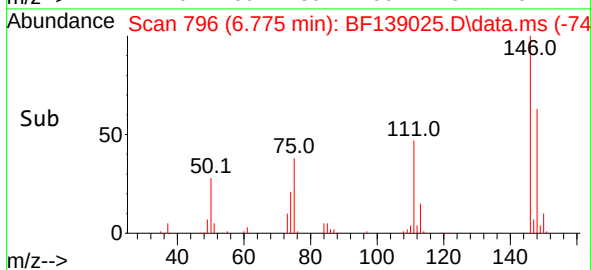
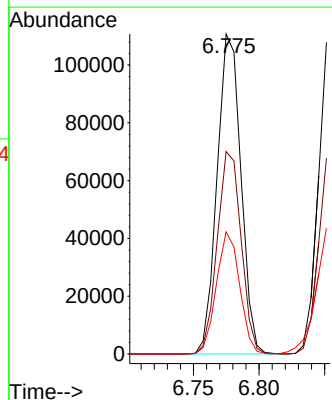
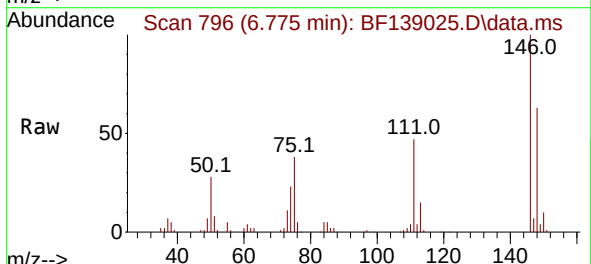
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

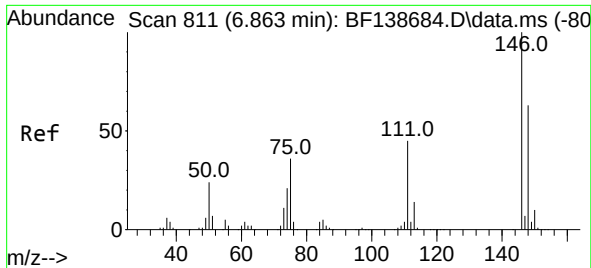
Tgt Ion: 93 Resp: 120930
Ion Ratio Lower Upper
93 100
63 87.2 65.3 105.3
95 32.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 39.599 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:146 Resp: 139572
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
75 38.1 27.4 41.2

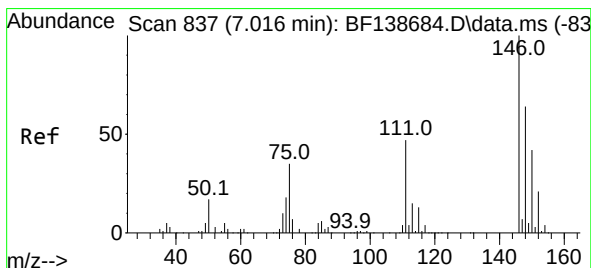
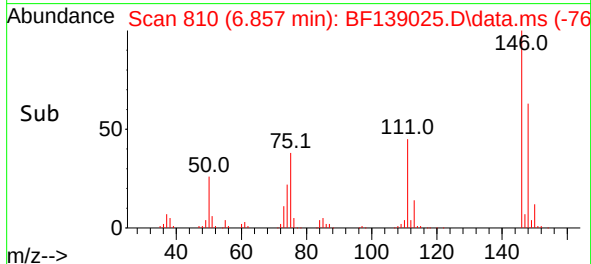
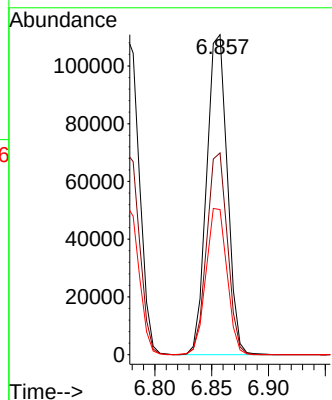
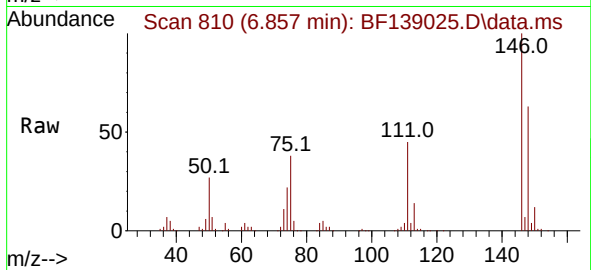




#13
1,4-Dichlorobenzene
Concen: 39.427 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

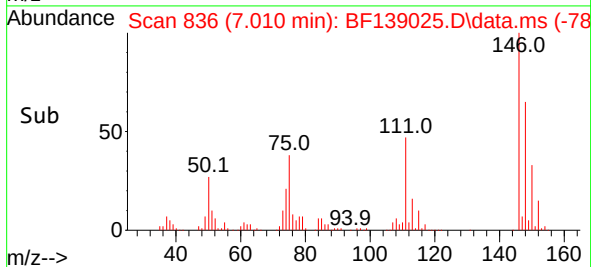
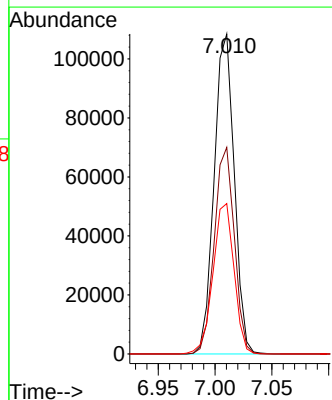
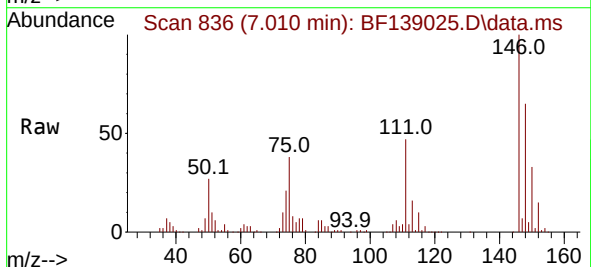
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

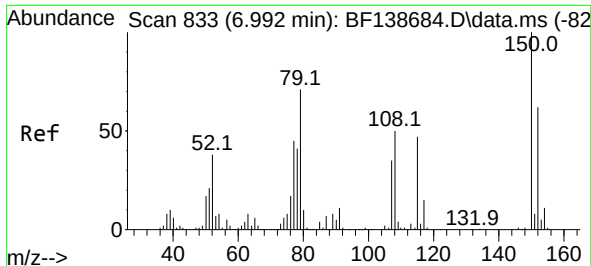
Tgt Ion:146 Resp: 140243
Ion Ratio Lower Upper
146 100
148 63.1 50.2 75.2
111 45.4 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 40.196 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:146 Resp: 133623
Ion Ratio Lower Upper
146 100
148 64.6 50.8 76.2
111 47.0 37.4 56.2

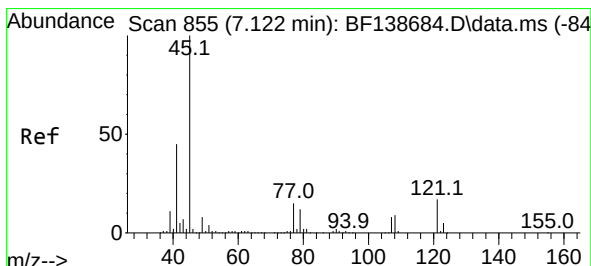
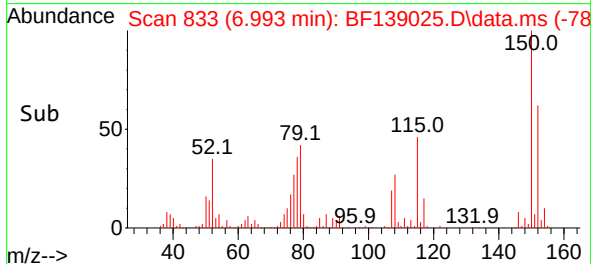
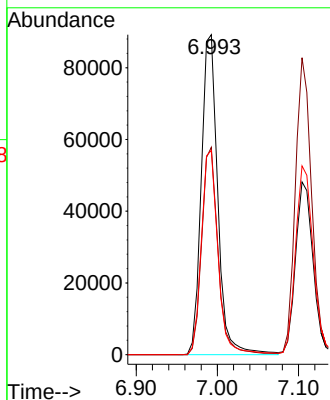
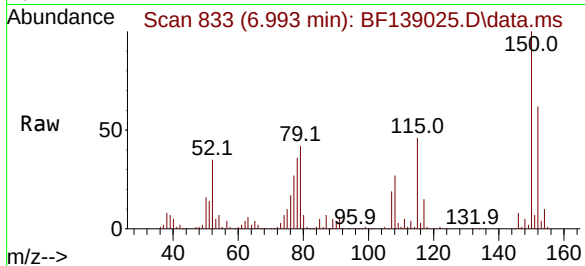




#15
Benzyl Alcohol
Concen: 43.408 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

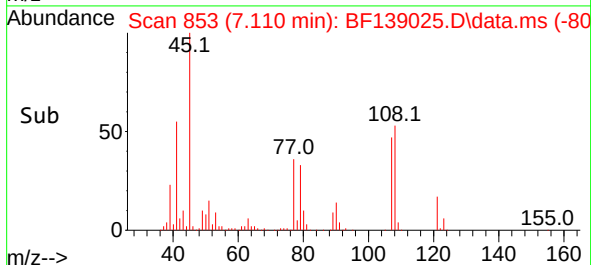
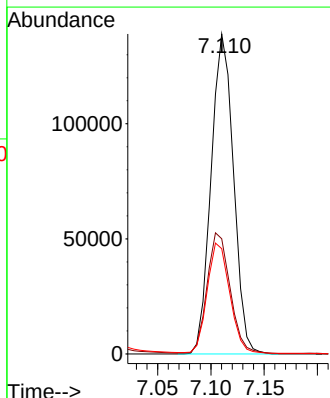
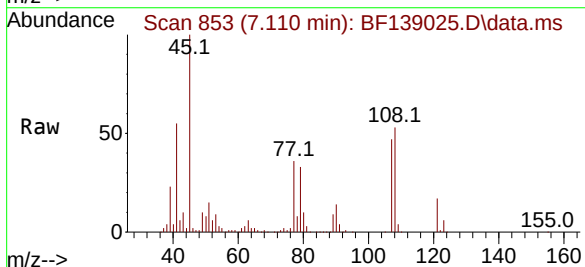
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

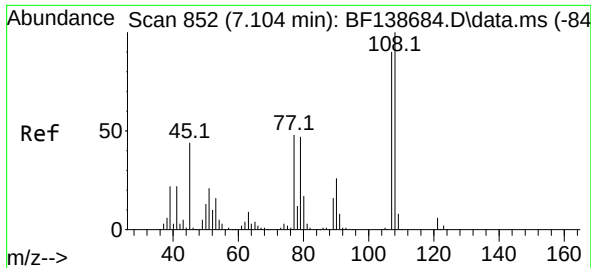
Tgt Ion: 79 Resp: 125711
Ion Ratio Lower Upper
79 100
108 64.8 56.6 85.0
77 63.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.343 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion: 45 Resp: 203620
Ion Ratio Lower Upper
45 100
77 36.0 0.0 34.9#
79 32.9 0.0 32.2#

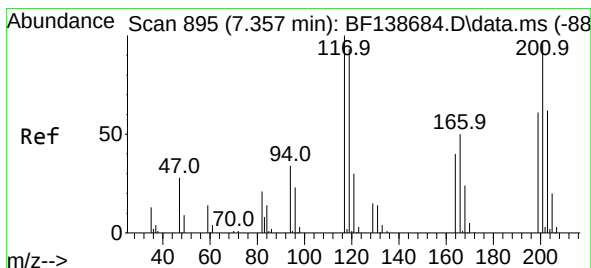
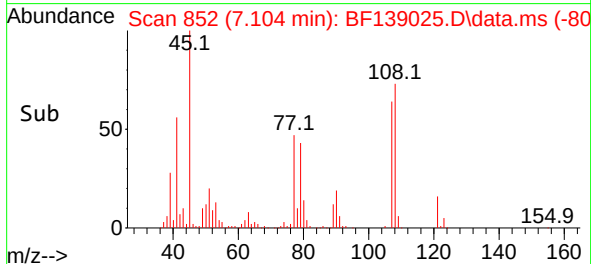
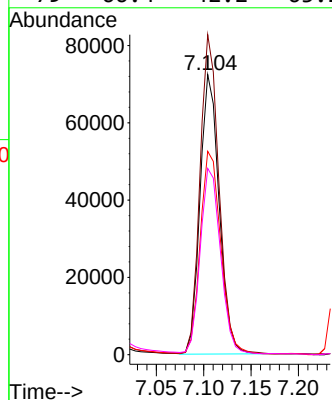
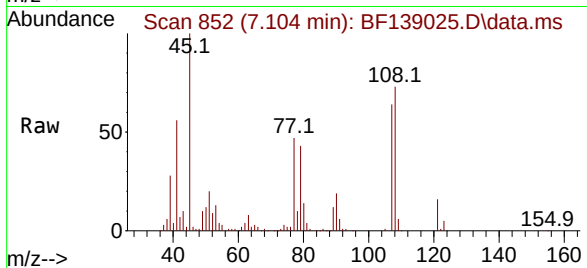




#17
2-Methylphenol
Concen: 38.983 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

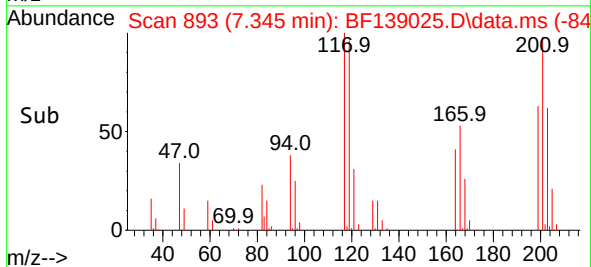
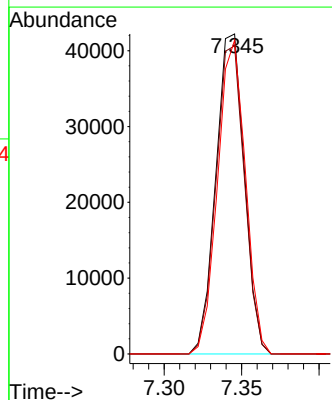
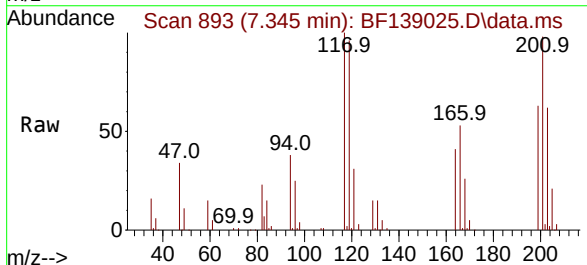
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

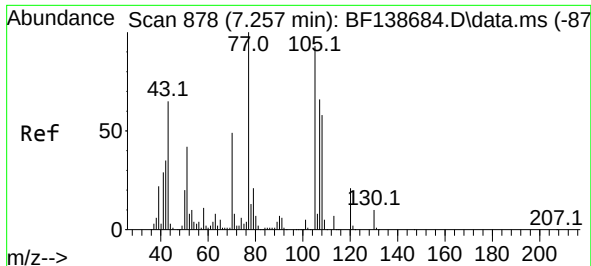
Tgt Ion:107 Resp: 101359
Ion Ratio Lower Upper
107 100
108 114.2 89.2 133.8
77 72.6 43.0 64.4#
79 66.4 42.2 63.2#



#18
Hexachloroethane
Concen: 40.423 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:117 Resp: 54124
Ion Ratio Lower Upper
117 100
119 96.3 74.6 111.8
201 98.1 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.737 ng

RT: 7.257 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 98862

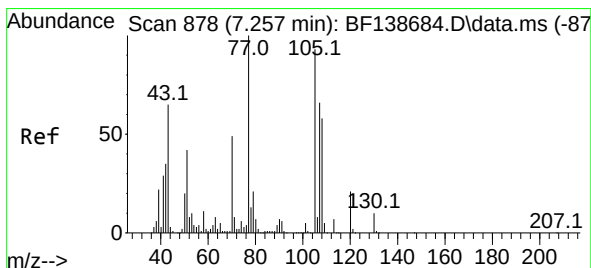
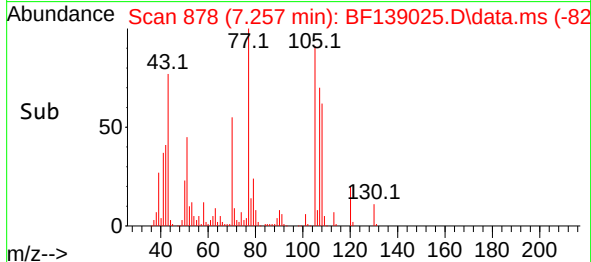
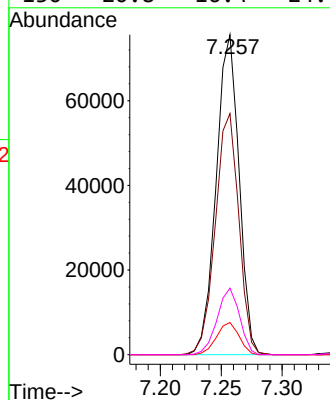
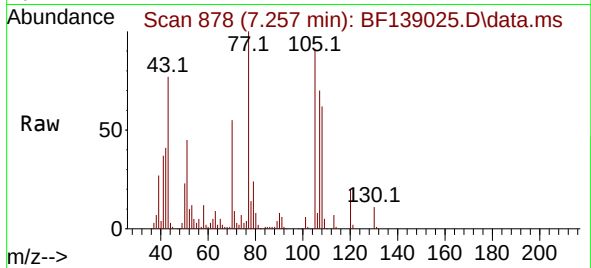
Ion Ratio Lower Upper

70 100

42 75.3 57.4 86.0

101 10.0 7.5 11.3

130 20.8 16.4 24.6



#20

3+4-Methylphenols

Concen: 41.195 ng

RT: 7.257 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Tgt Ion:107 Resp: 137424

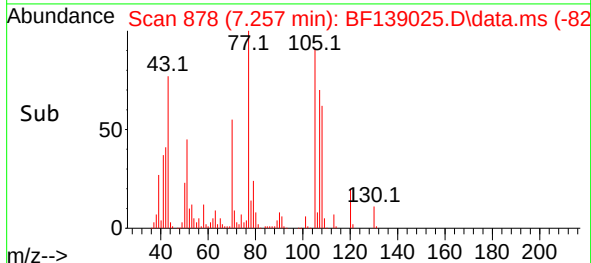
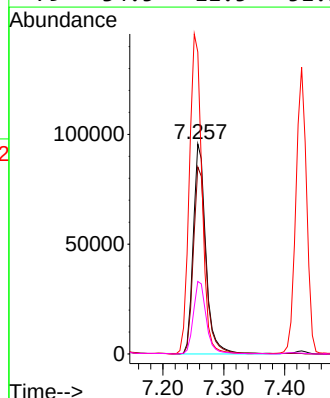
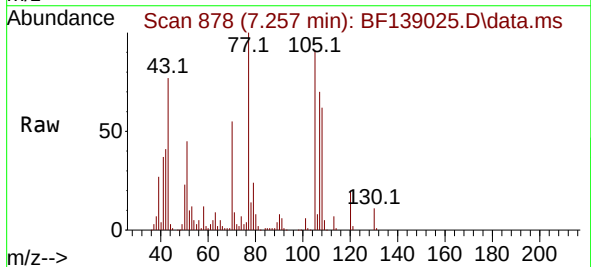
Ion Ratio Lower Upper

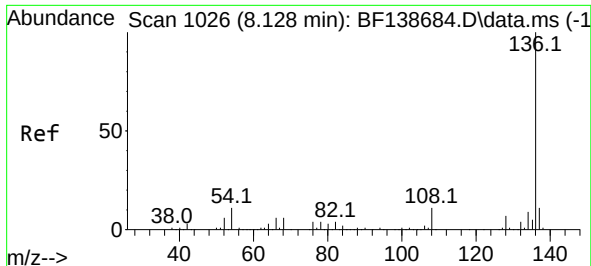
107 100

108 89.0 68.2 108.2

77 143.7 132.1 172.1

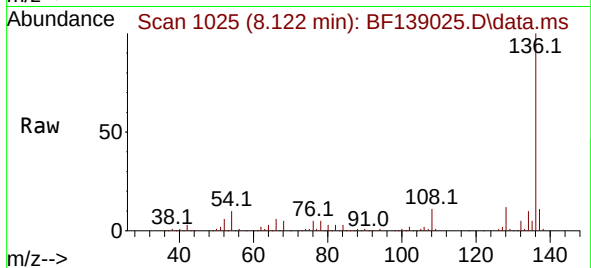
79 34.5 11.5 51.5



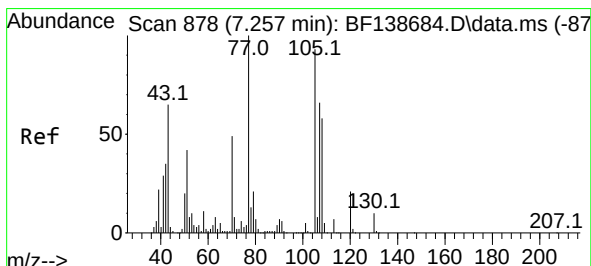
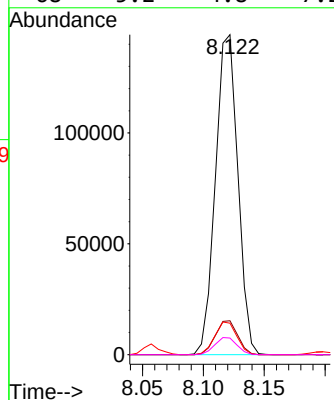
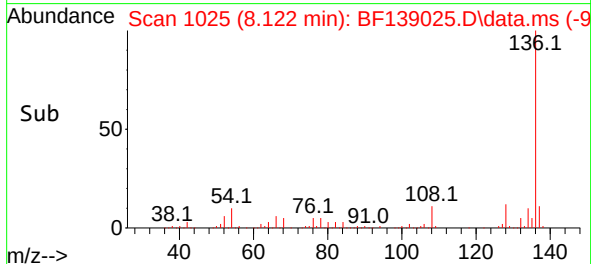


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

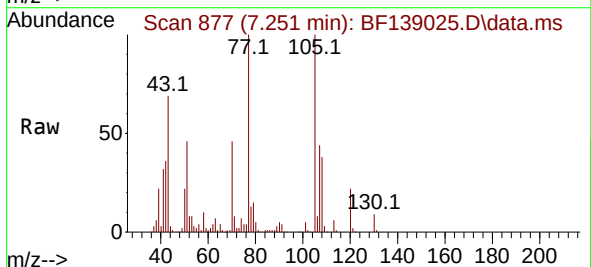
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



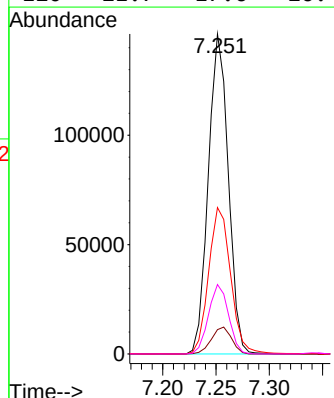
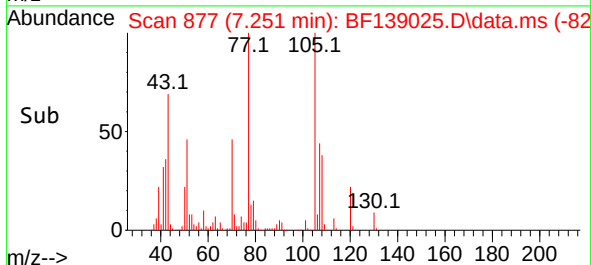
Tgt Ion:	136	Resp:	185235
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.9	8.6	12.8
68	5.2	4.8	7.2

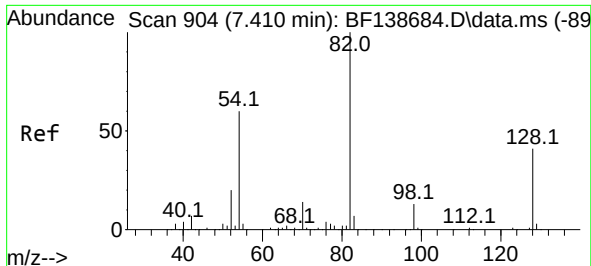


#22
Acetophenone
Concen: 42.049 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31



Tgt Ion:	105	Resp:	190713
Ion	Ratio	Lower	Upper
105	100		
71	7.6	7.2	10.8
51	45.8	35.9	53.9
120	21.7	17.6	26.4





#23

Nitrobenzene-d5

Concen: 83.551 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

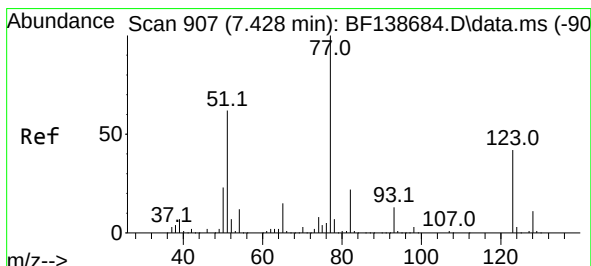
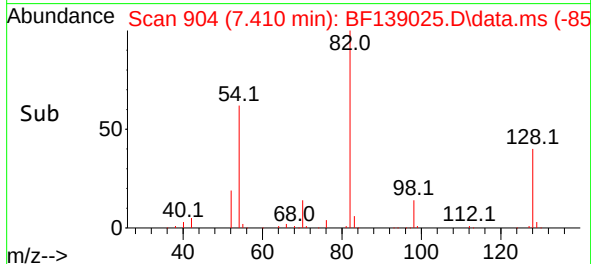
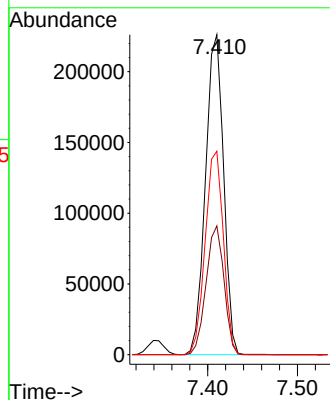
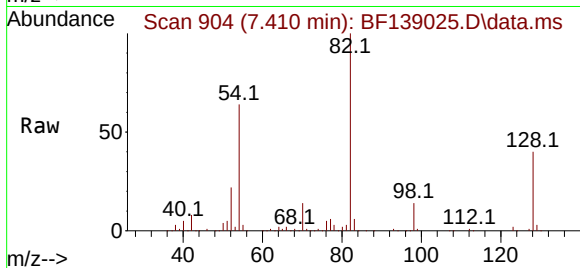
Tgt Ion: 82 Resp: 316549

Ion Ratio Lower Upper

82 100

128 40.3 32.8 49.2

54 63.6 48.3 72.5



#24

Nitrobenzene

Concen: 41.199 ng

RT: 7.428 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

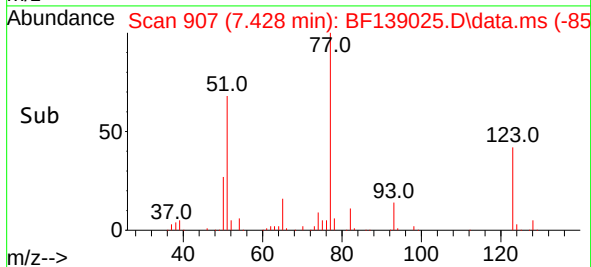
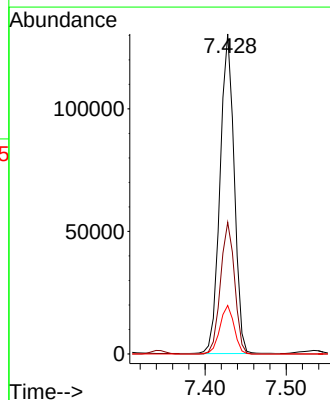
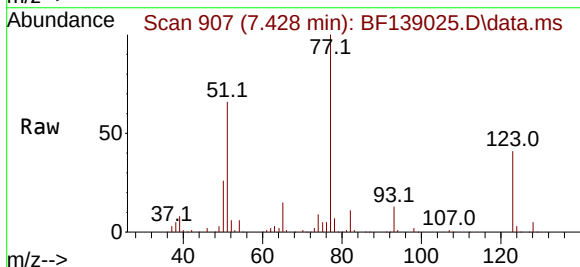
Tgt Ion: 77 Resp: 158834

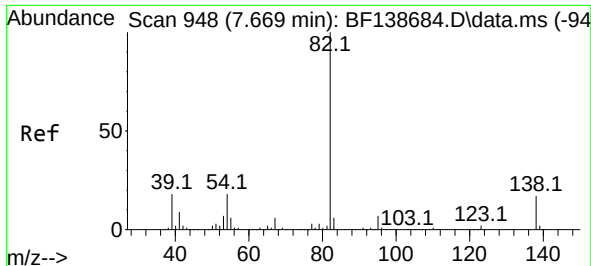
Ion Ratio Lower Upper

77 100

123 41.2 33.3 49.9

65 15.2 11.9 17.9

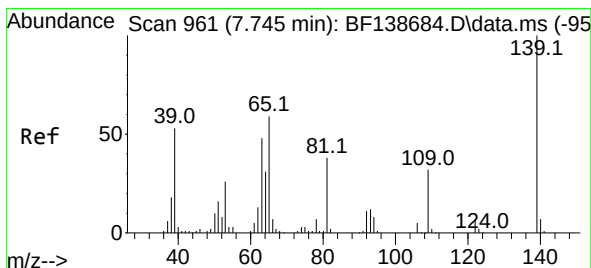
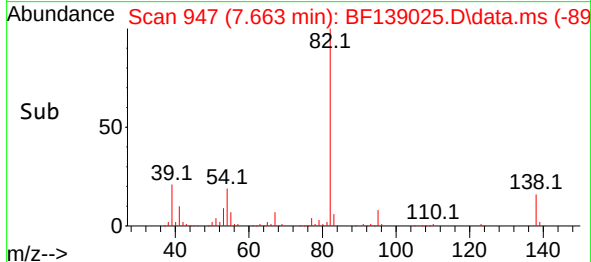
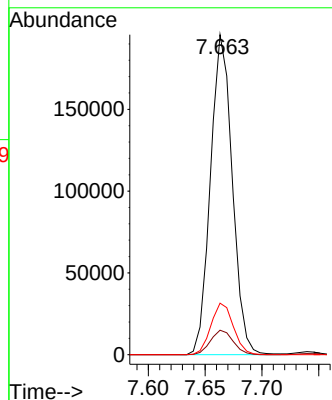
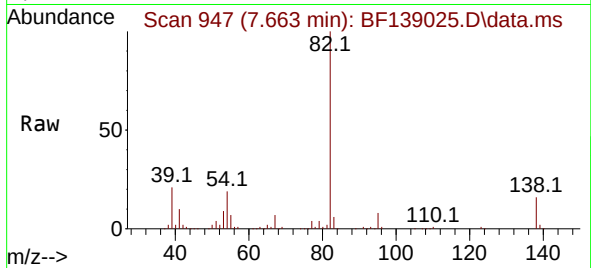




#25
Isophorone
Concen: 40.481 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

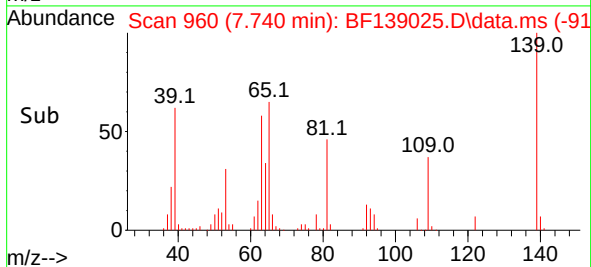
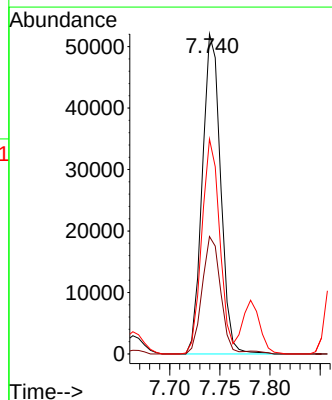
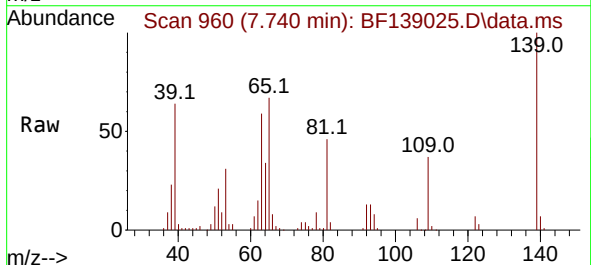
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

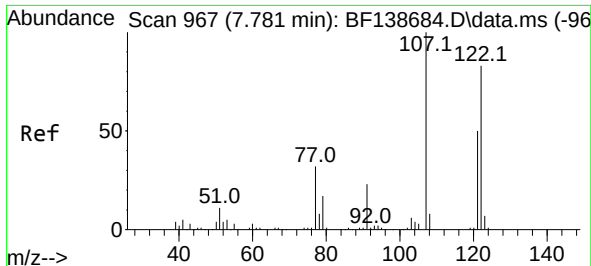
Tgt Ion: 82 Resp: 261884
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 16.1 13.7 20.5



#26
2-Nitrophenol
Concen: 39.880 ng
RT: 7.740 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion: 139 Resp: 66148
Ion Ratio Lower Upper
139 100
109 36.7 25.9 38.9
65 67.1 47.0 70.6

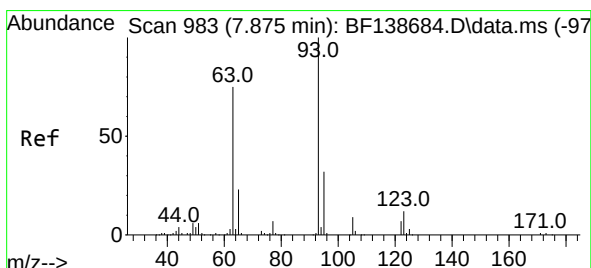
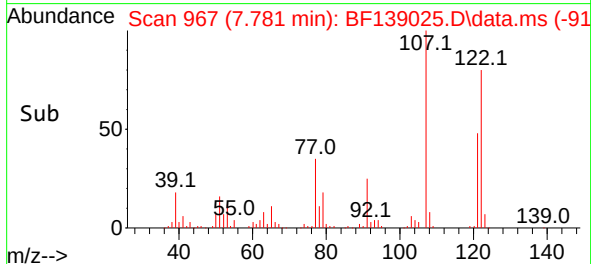
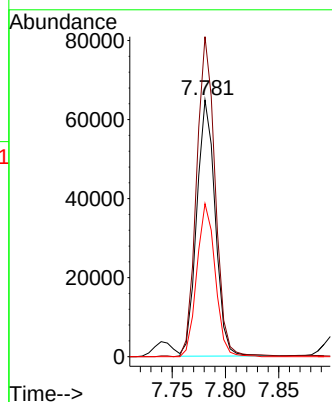
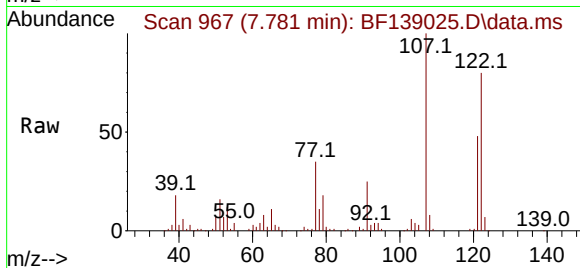




#27
2,4-Dimethylphenol
Concen: 39.450 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

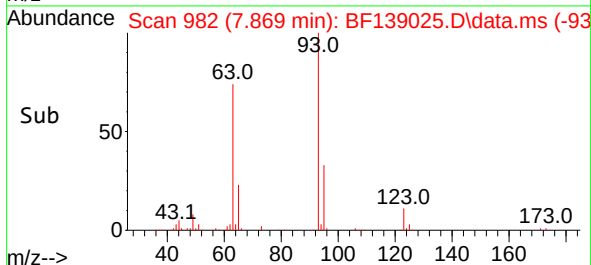
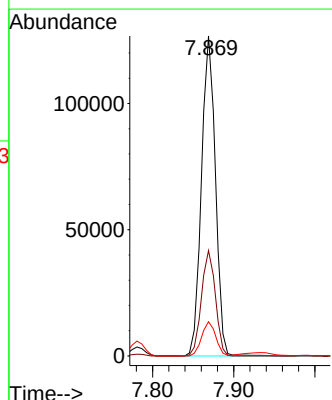
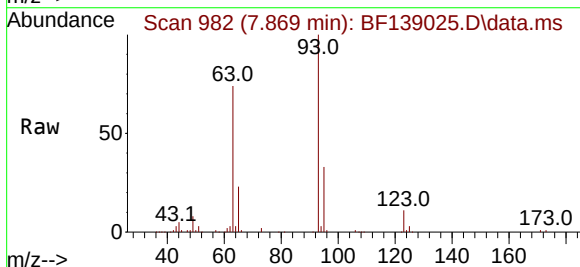
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

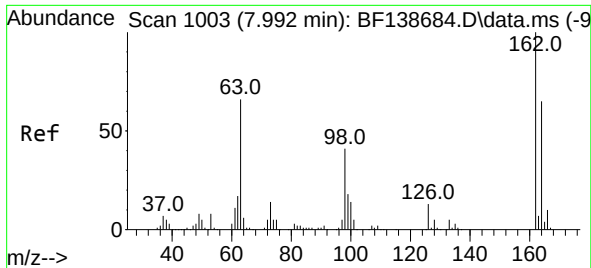
Tgt Ion:122 Resp: 78290
Ion Ratio Lower Upper
122 100
107 124.7 95.0 142.6
121 59.6 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 38.429 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion: 93 Resp: 151398
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.8
123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.648 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

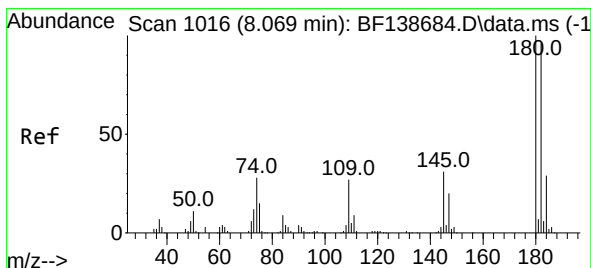
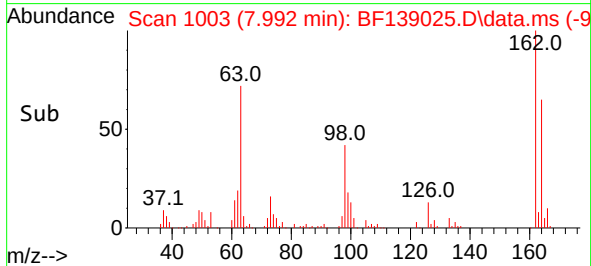
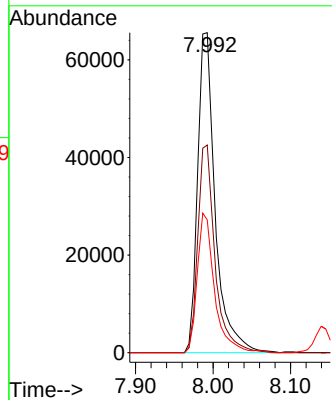
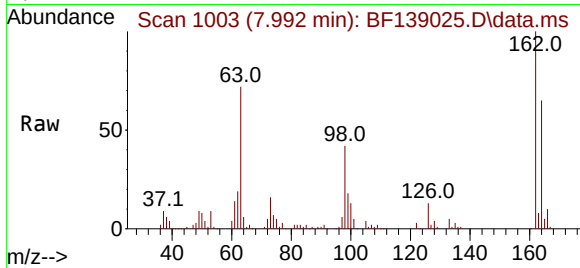
Tgt Ion:162 Resp: 103656

Ion Ratio Lower Upper

162 100

164 64.9 44.7 84.7

98 41.5 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 39.871 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

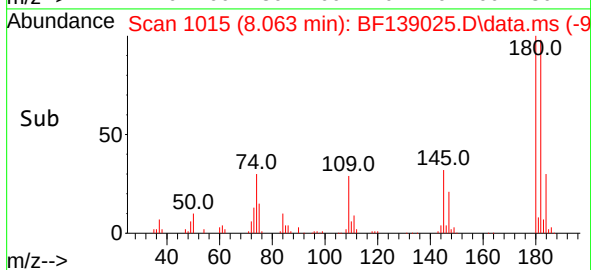
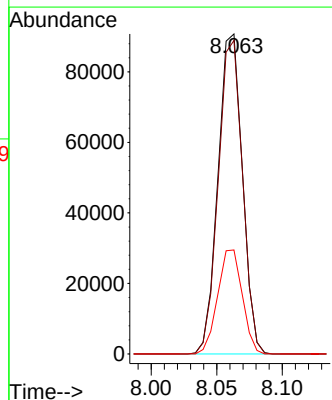
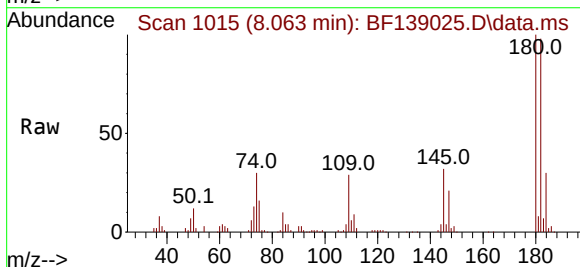
Tgt Ion:180 Resp: 117336

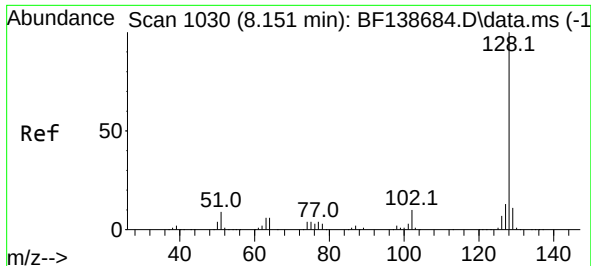
Ion Ratio Lower Upper

180 100

182 97.9 76.9 115.3

145 32.5 25.0 37.4

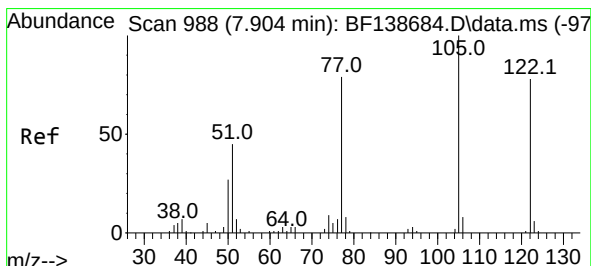
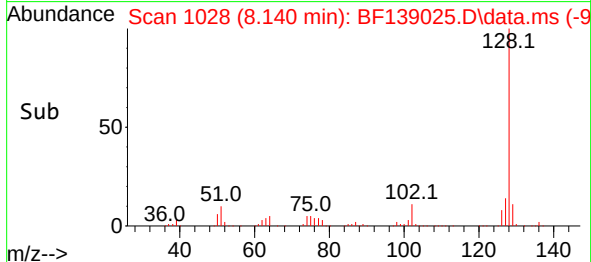
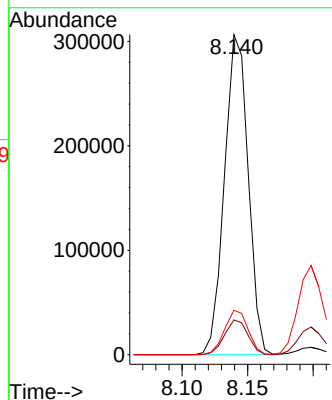
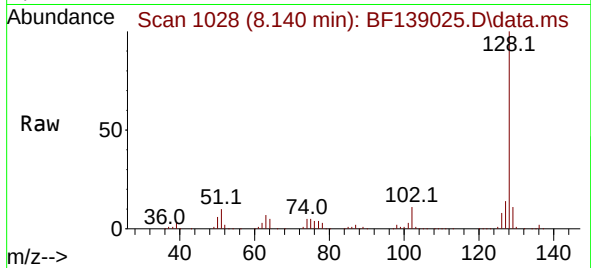




#31
Naphthalene
Concen: 39.521 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.011 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

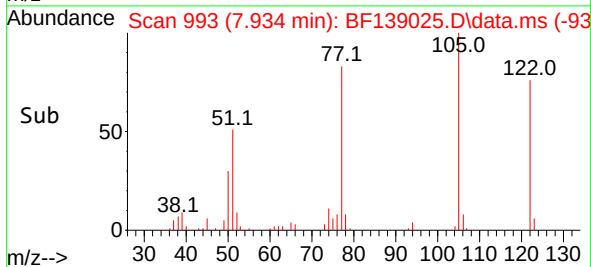
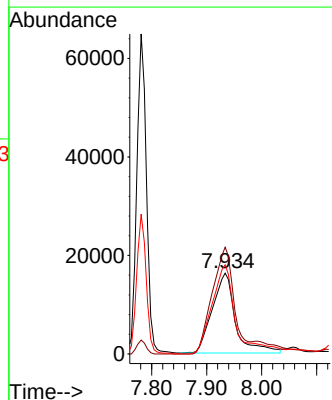
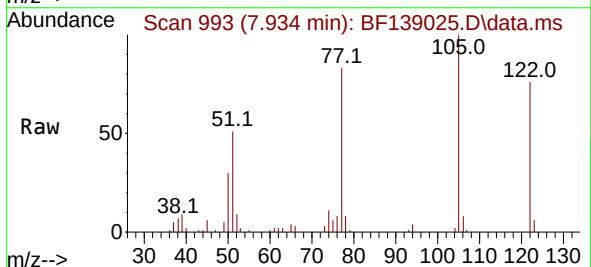
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

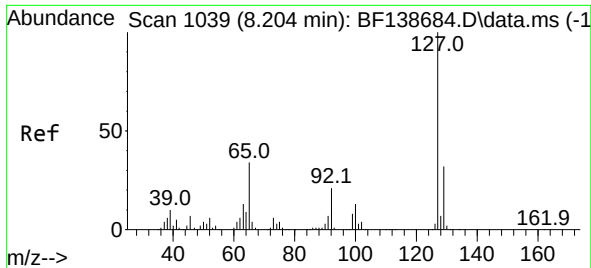
Tgt Ion:128 Resp: 385336
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.9 10.6 16.0



#32
Benzoic acid
Concen: 30.436 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.030 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:122 Resp: 47480
Ion Ratio Lower Upper
122 100
105 132.0 106.7 146.7
77 110.2 81.1 121.1

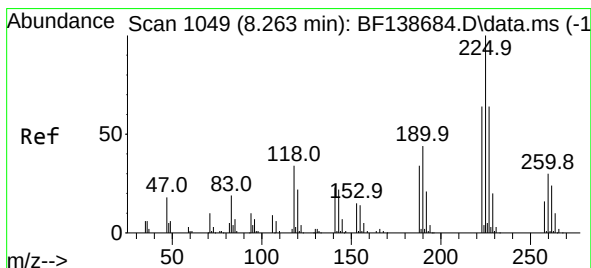
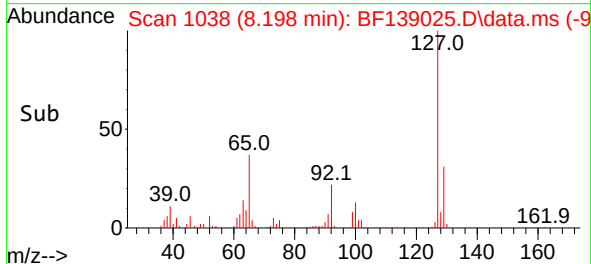
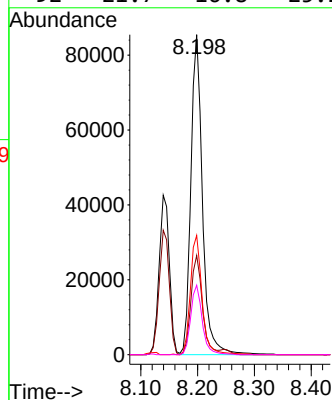
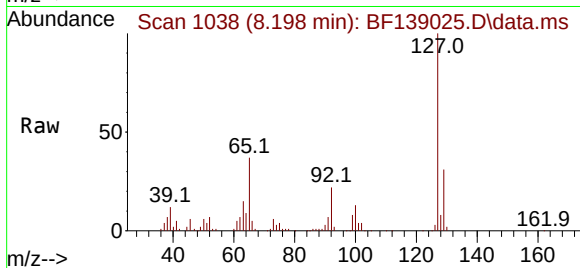




#33
4-Chloroaniline
Concen: 37.170 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

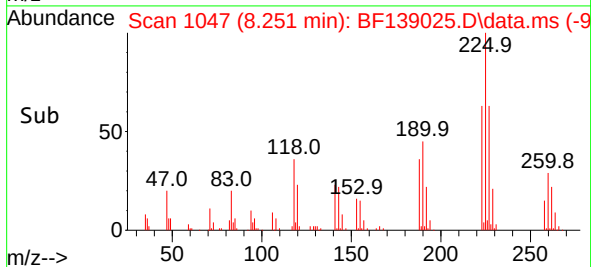
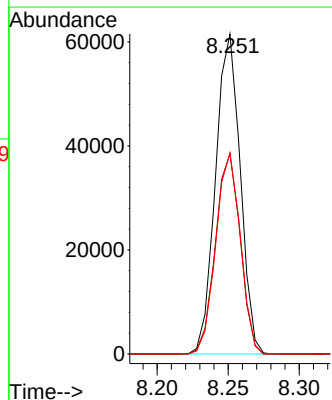
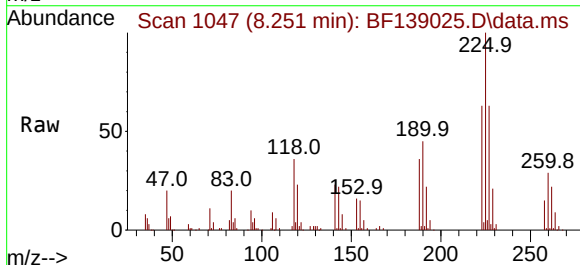
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

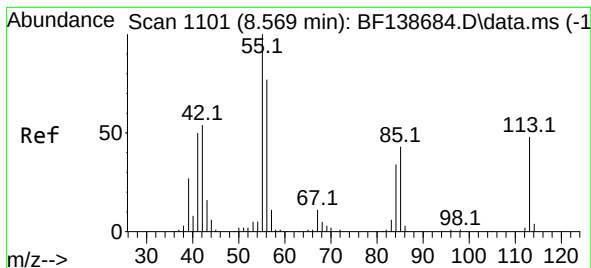
Tgt Ion:	127	Resp:	121655
Ion Ratio	Lower	Upper	
127	100		
129	31.0	25.9	38.9
65	37.3	27.6	41.4
92	21.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 41.689 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:	225	Resp:	74310
Ion Ratio	Lower	Upper	
225	100		
223	62.6	51.2	76.8
227	62.8	51.1	76.7





#35

Caprolactam

Concen: 42.453 ng

RT: 8.575 min Scan# 1101

Delta R.T. 0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

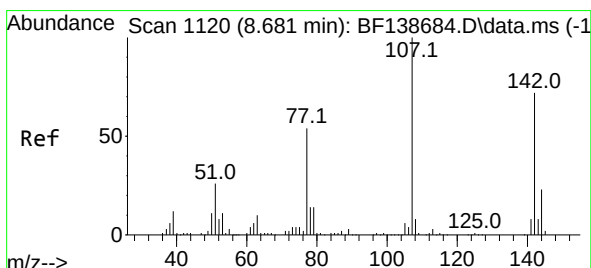
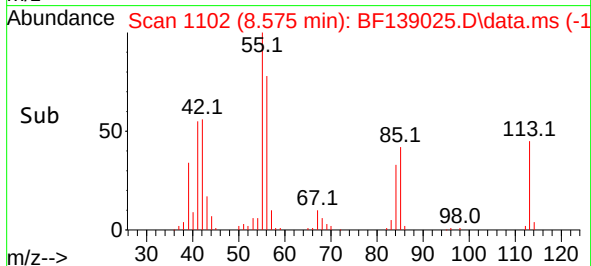
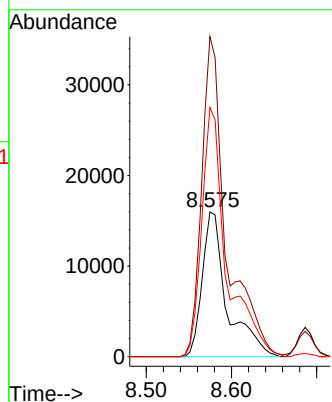
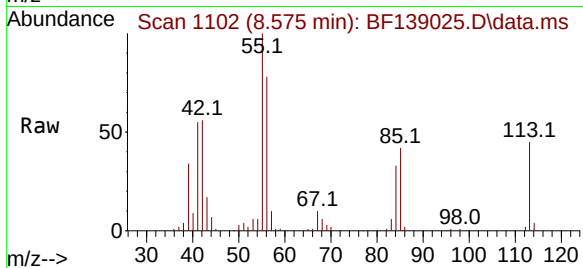
Tgt Ion:113 Resp: 32303

Ion Ratio Lower Upper

113 100

55 221.2 186.7 226.7

56 172.2 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 41.678 ng

RT: 8.687 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

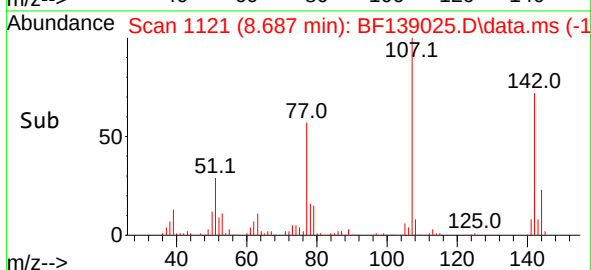
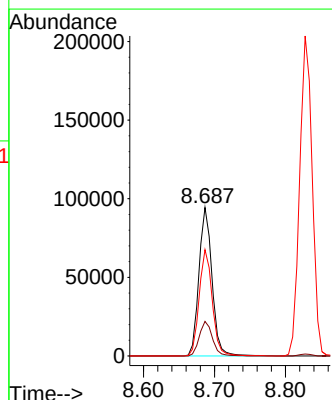
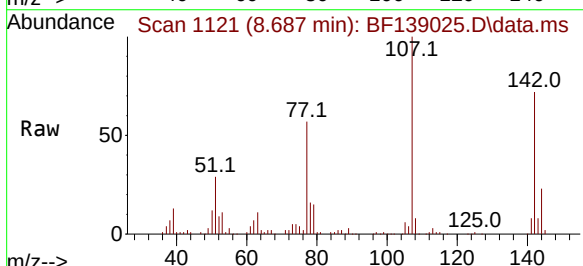
Tgt Ion:107 Resp: 121466

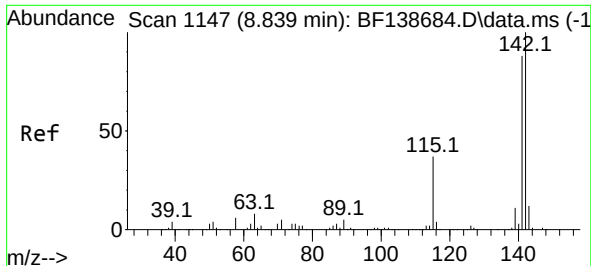
Ion Ratio Lower Upper

107 100

144 23.3 18.2 27.2

142 71.6 57.4 86.2

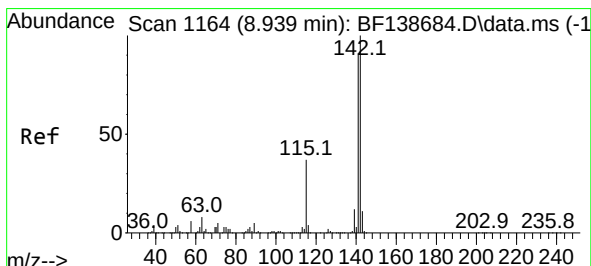
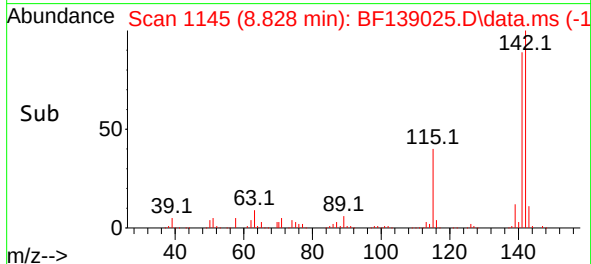
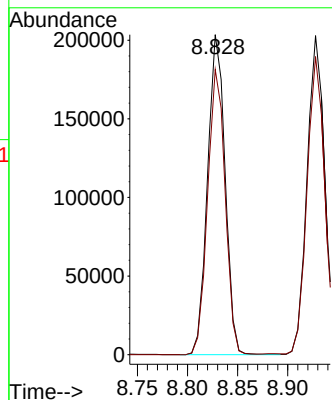
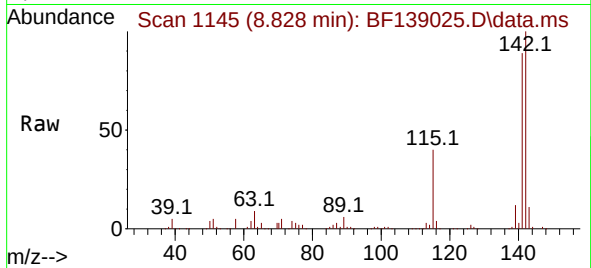




#37
2-Methylnaphthalene
Concen: 40.370 ng
RT: 8.828 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

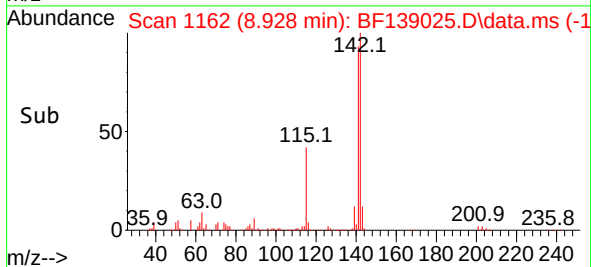
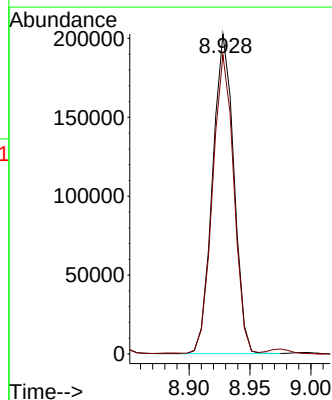
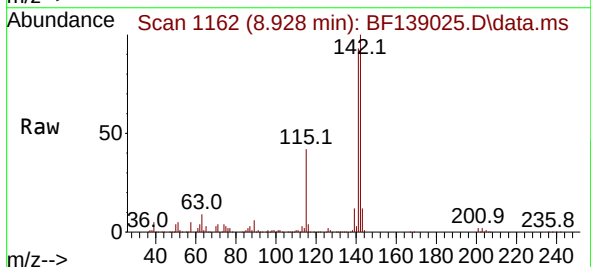
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

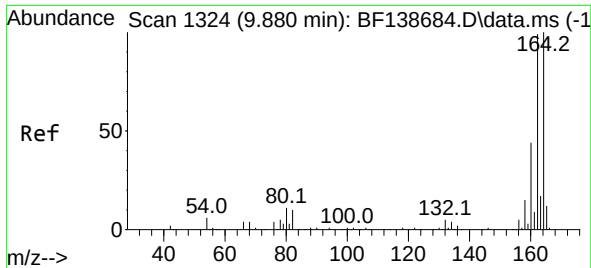
Tgt Ion:142 Resp: 248587
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2



#38
1-Methylnaphthalene
Concen: 40.692 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:142 Resp: 245538
Ion Ratio Lower Upper
142 100
141 93.5 73.1 109.7

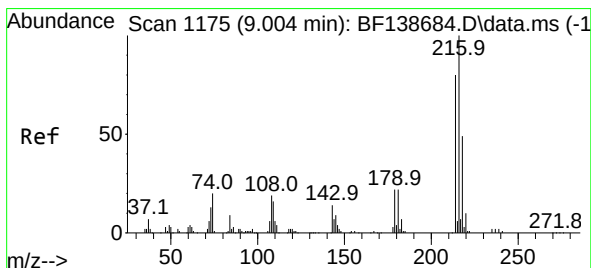
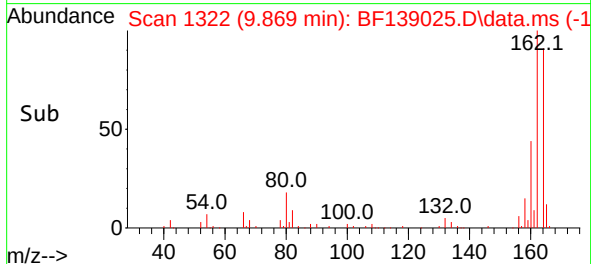
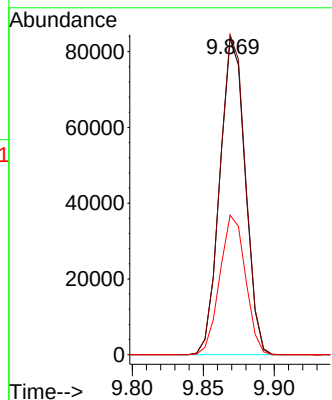
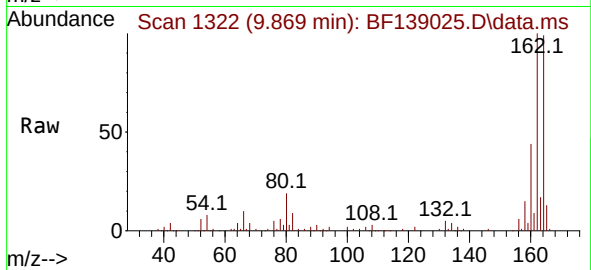




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. -0.011 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

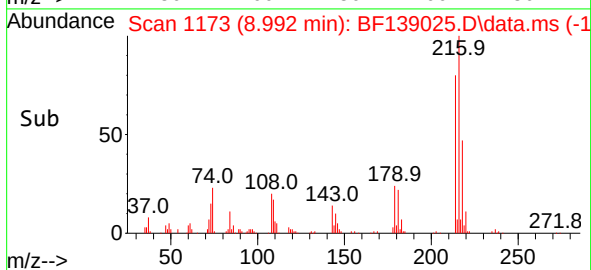
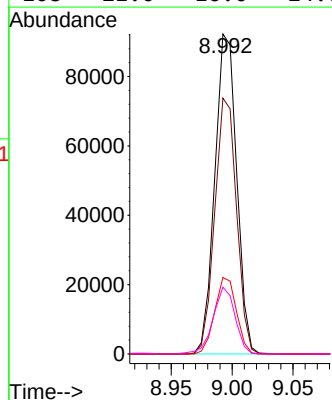
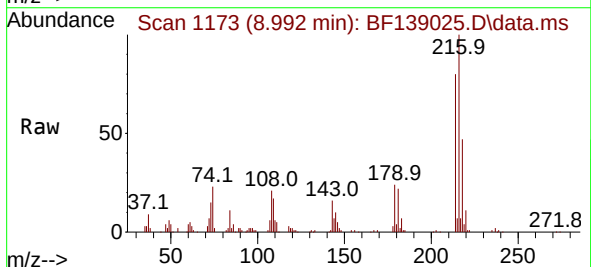
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

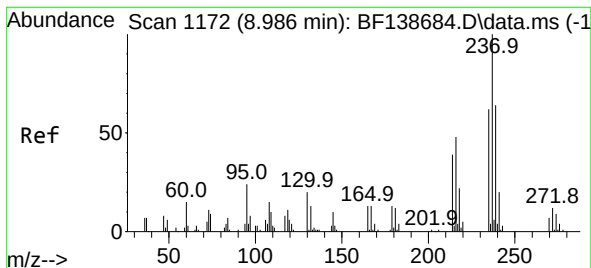
Tgt Ion:164 Resp: 103494
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.0
160 44.1 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.099 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:216 Resp: 115282
Ion Ratio Lower Upper
216 100
214 79.6 63.9 95.9
179 23.6 17.8 26.6
108 21.0 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 35.677 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.011 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

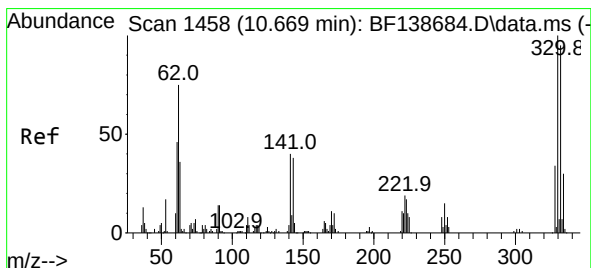
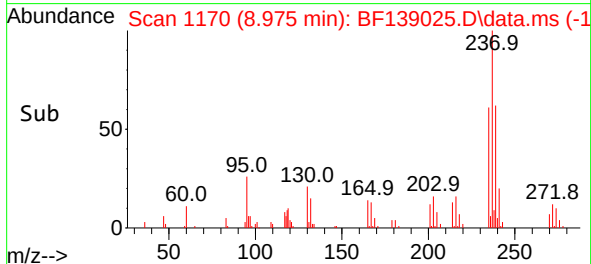
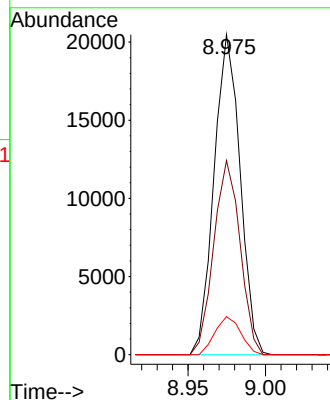
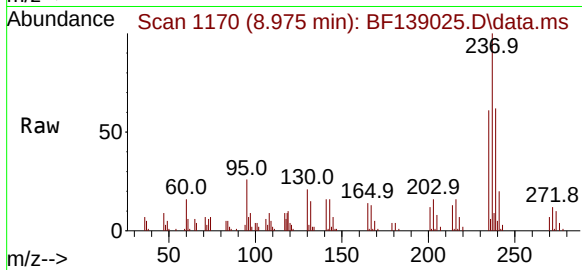
Tgt Ion:237 Resp: 23932

Ion Ratio Lower Upper

237 100

235 60.7 41.8 81.8

272 11.9 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 79.912 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

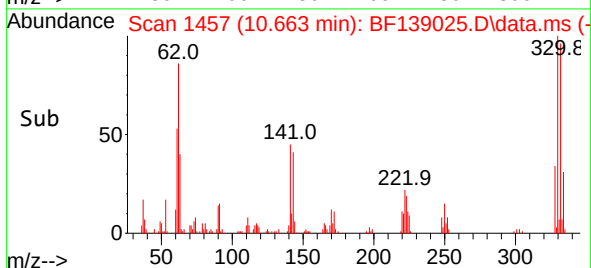
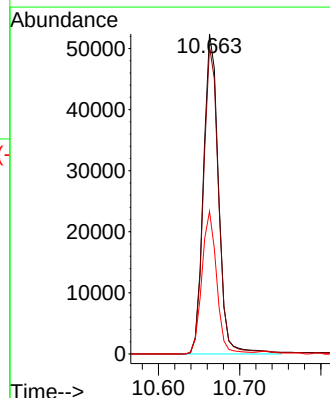
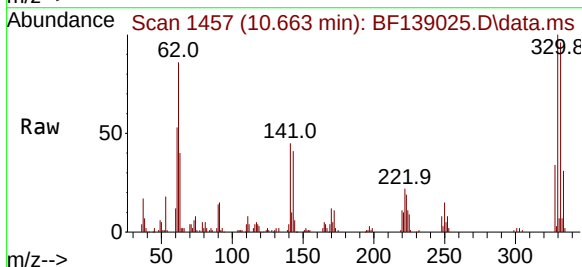
Tgt Ion:330 Resp: 67746

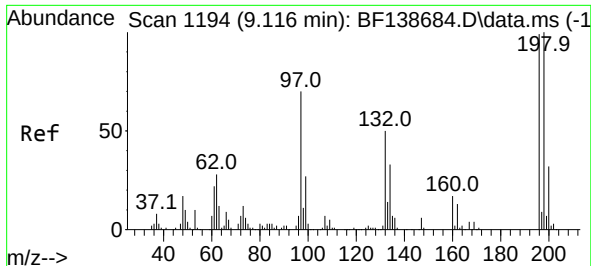
Ion Ratio Lower Upper

330 100

332 97.1 76.4 114.6

141 43.6 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 38.342 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

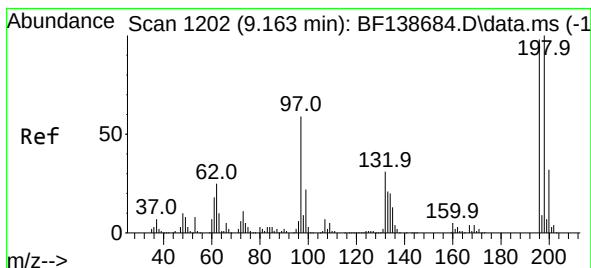
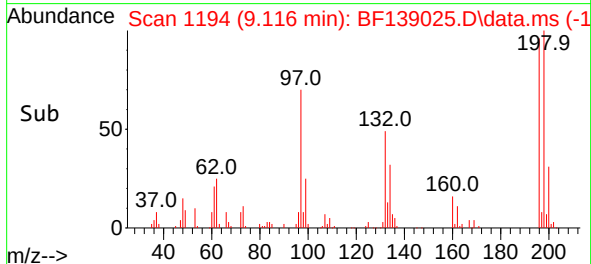
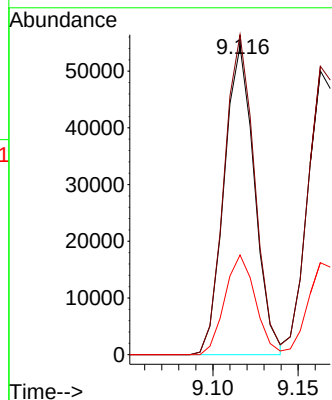
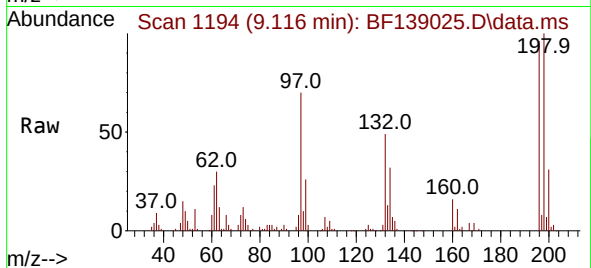
Tgt Ion:196 Resp: 67209

Ion Ratio Lower Upper

196 100

198 103.7 80.5 120.7

200 32.3 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 38.511 ng

RT: 9.163 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Tgt Ion:196 Resp: 73797

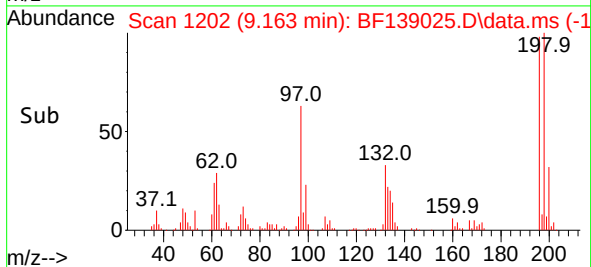
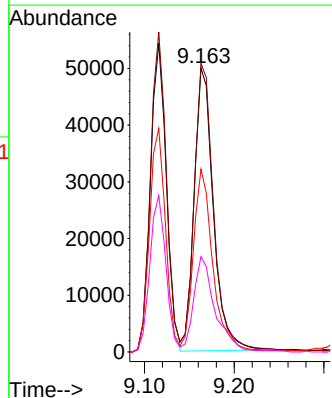
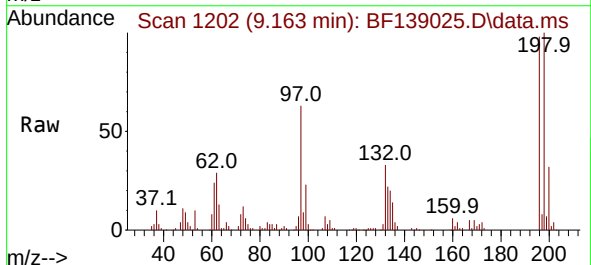
Ion Ratio Lower Upper

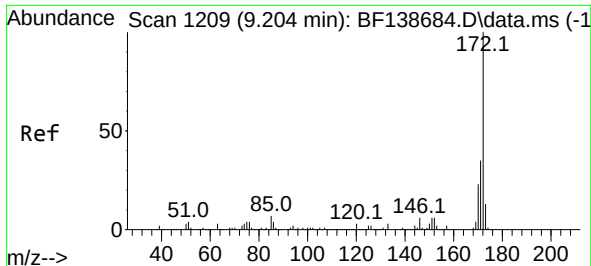
196 100

198 101.6 81.2 121.8

97 64.4 47.8 71.6

132 33.6 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 83.230 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

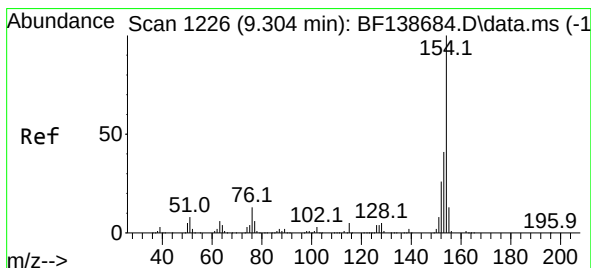
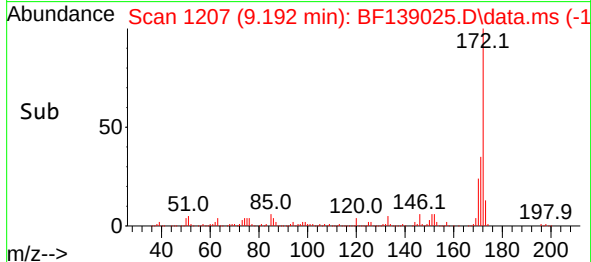
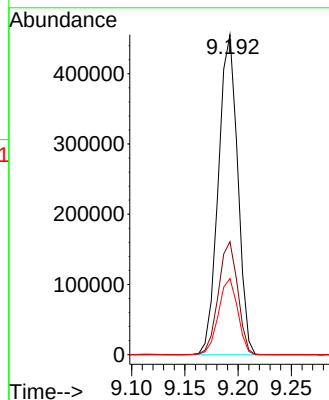
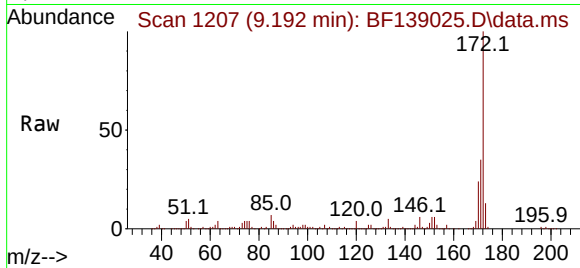
Tgt Ion:172 Resp: 573298

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.8 18.8 28.2



#46

1,1'-Biphenyl

Concen: 39.976 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

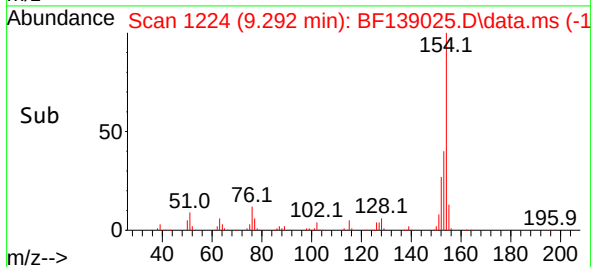
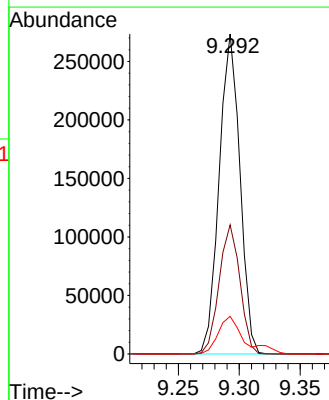
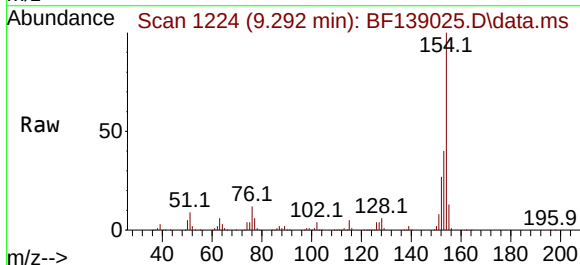
Tgt Ion:154 Resp: 324022

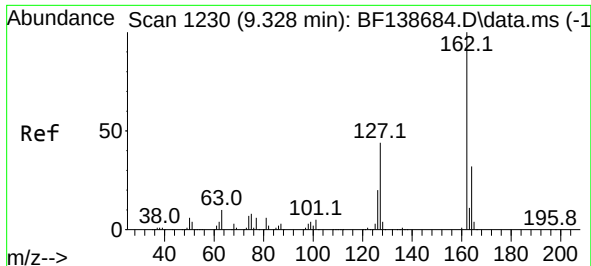
Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

76 11.8 0.0 32.8

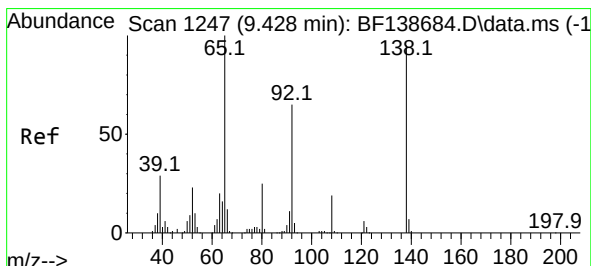
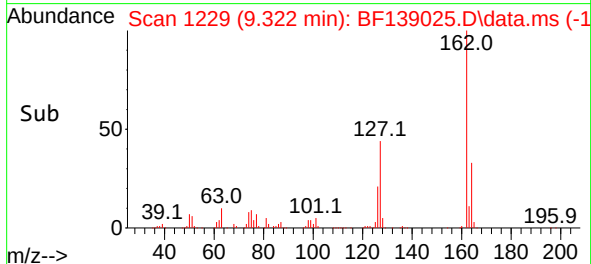
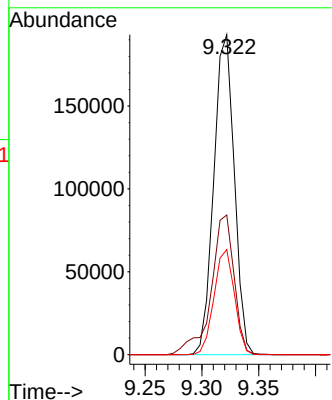
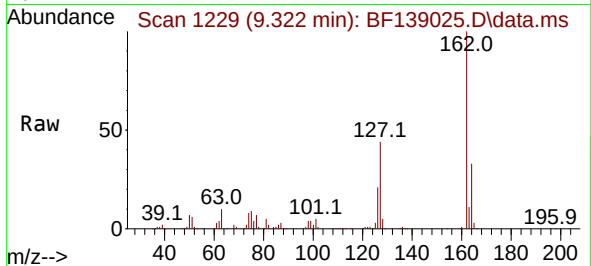




#47
2-Chloronaphthalene
Concen: 40.211 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

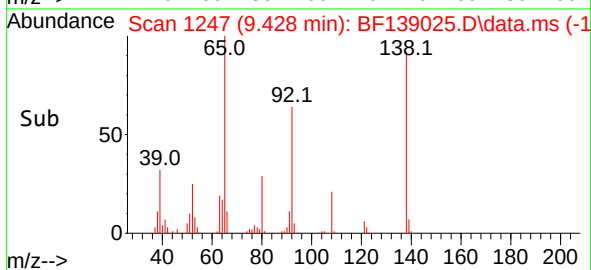
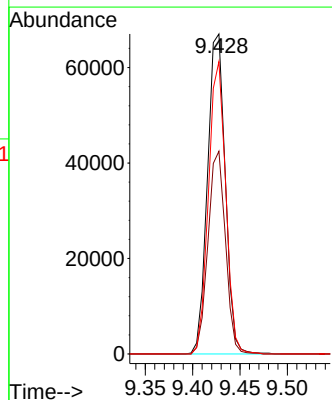
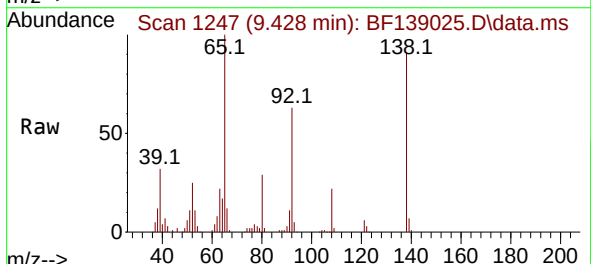
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

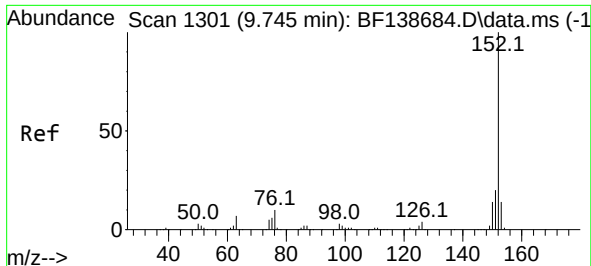
Tgt Ion:162 Resp: 242402
Ion Ratio Lower Upper
162 100
127 43.6 35.4 53.2
164 32.8 25.6 38.4



#48
2-Nitroaniline
Concen: 42.668 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion: 65 Resp: 87200
Ion Ratio Lower Upper
65 100
92 63.3 52.0 78.0
138 91.4 76.2 114.4





#49

Acenaphthylene

Concen: 39.913 ng

RT: 9.734 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

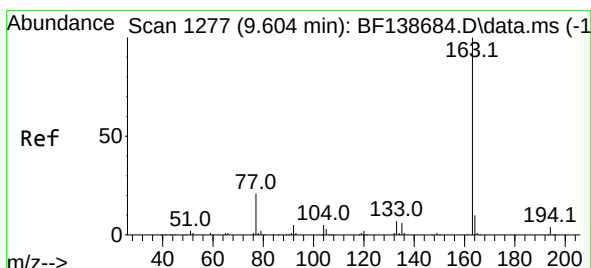
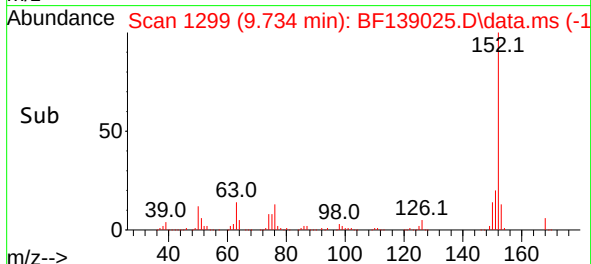
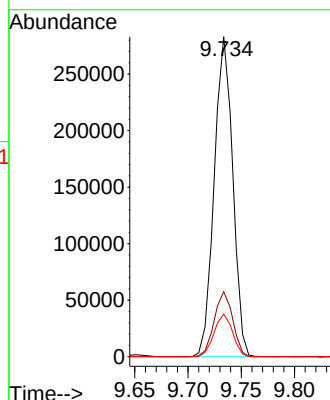
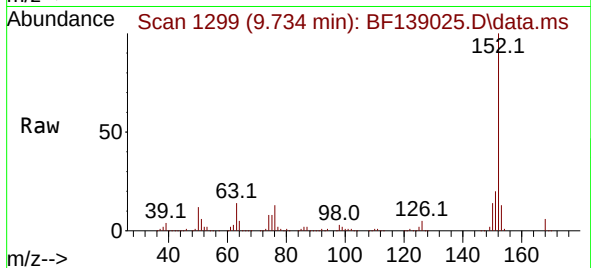
Tgt Ion:152 Resp: 341255

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.3 11.0 16.4



#50

Dimethylphthalate

Concen: 41.819 ng

RT: 9.592 min Scan# 1275

Delta R.T. -0.012 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

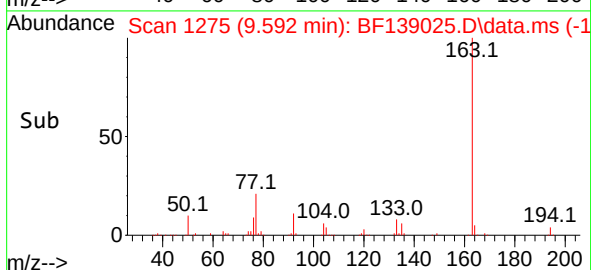
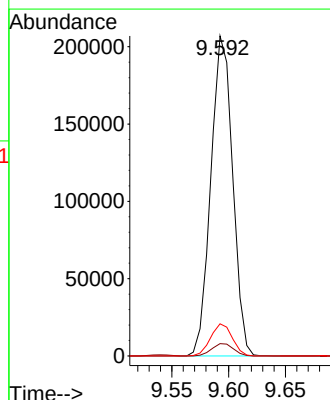
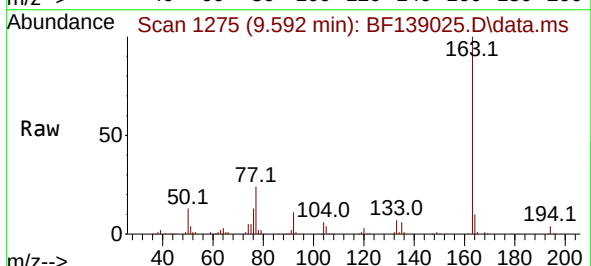
Tgt Ion:163 Resp: 276736

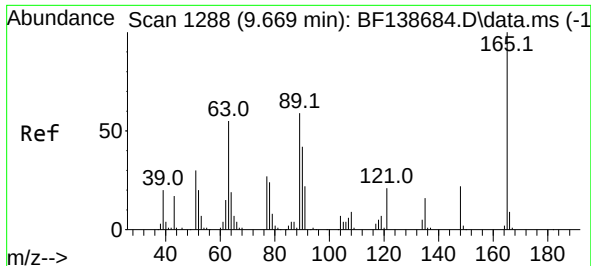
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 7.8 11.8

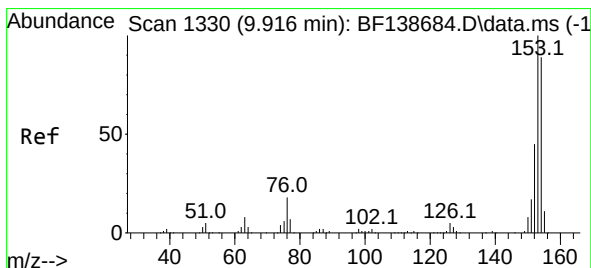
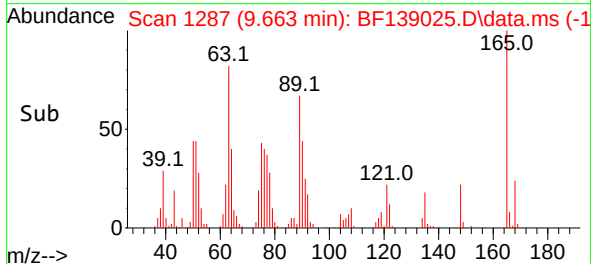
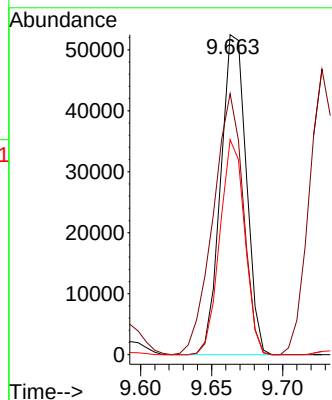
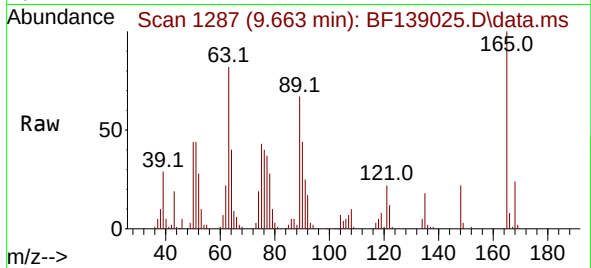




#51
2,6-Dinitrotoluene
Concen: 43.887 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

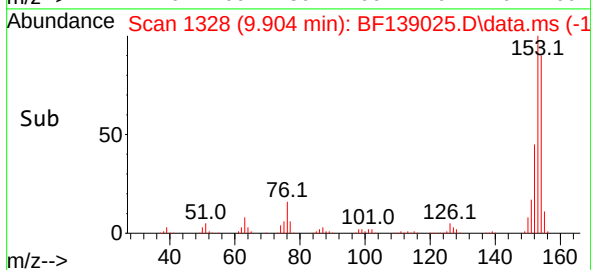
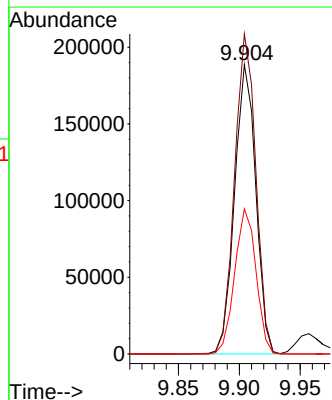
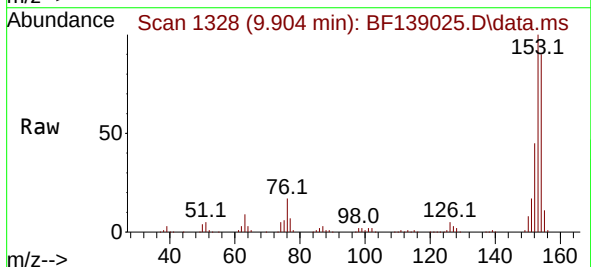
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

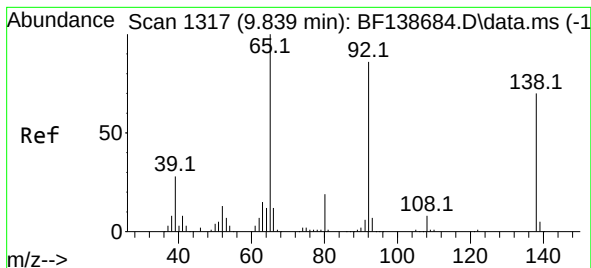
Tgt Ion:165 Resp: 65543
Ion Ratio Lower Upper
165 100
63 81.6 52.0 78.0#
89 67.2 47.0 70.6



#52
Acenaphthene
Concen: 39.888 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:154 Resp: 229254
Ion Ratio Lower Upper
154 100
153 110.6 89.9 134.9
152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 40.183 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

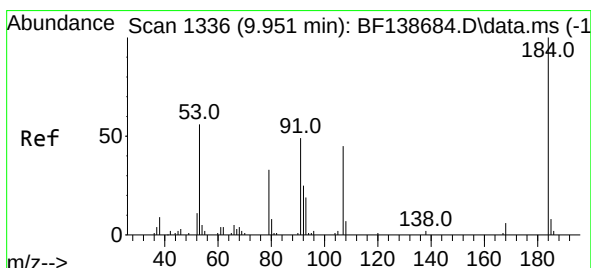
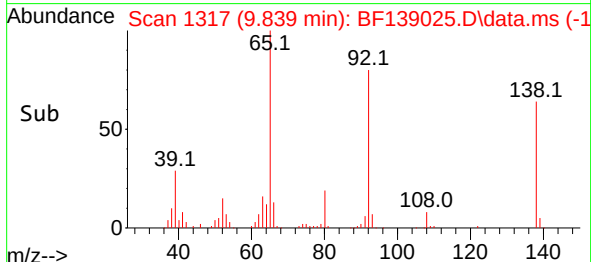
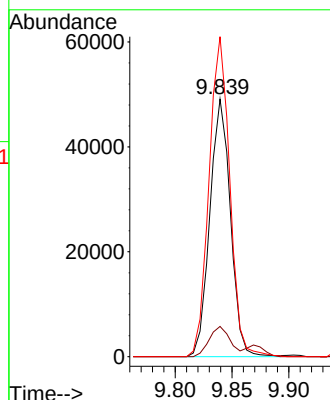
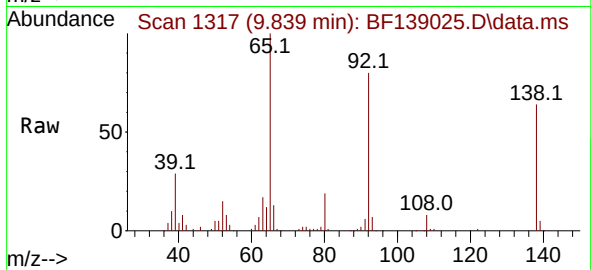
Tgt Ion:138 Resp: 62039

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

92 124.2 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 43.390 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

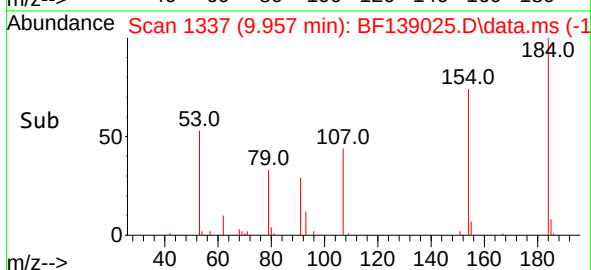
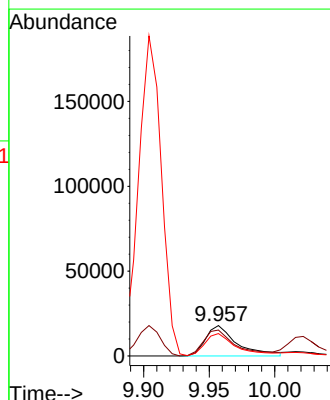
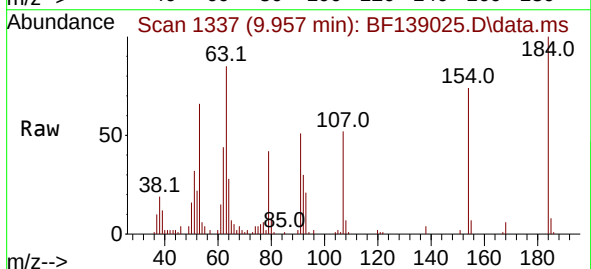
Tgt Ion:184 Resp: 29830

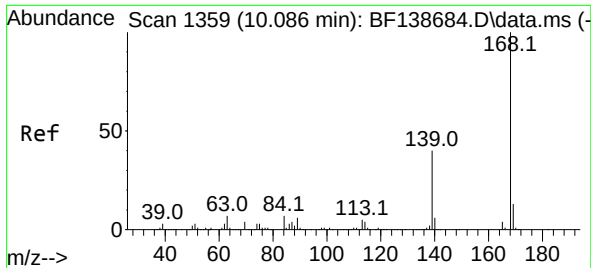
Ion Ratio Lower Upper

184 100

63 85.4 57.5 86.3

154 73.9 51.7 77.5

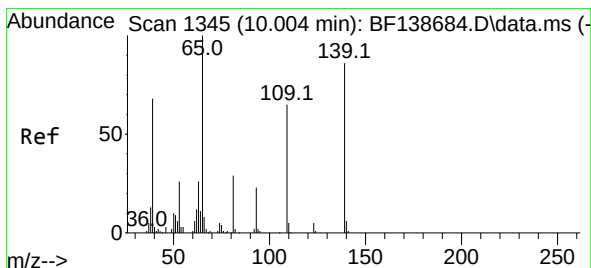
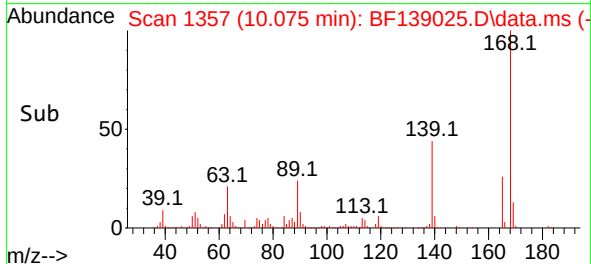
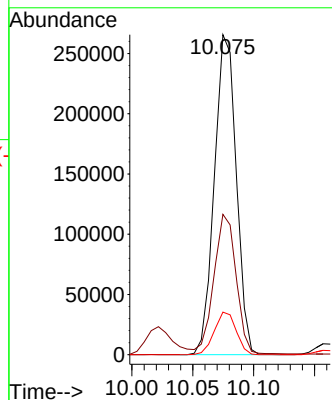
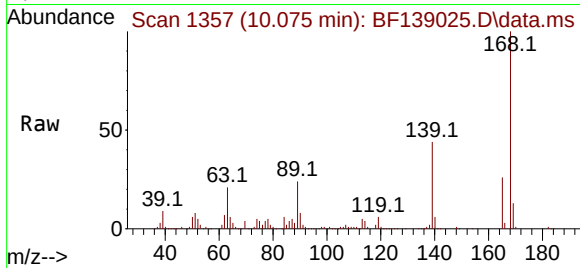




#55
Dibenzenofuran
Concen: 40.893 ng
RT: 10.075 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

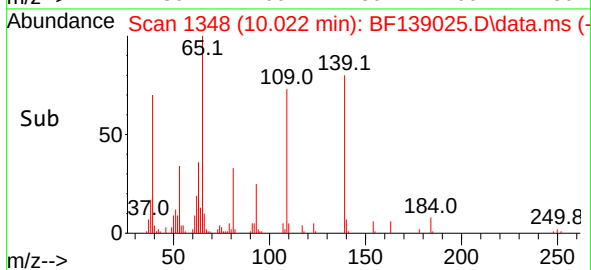
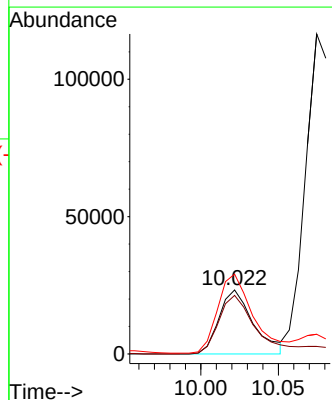
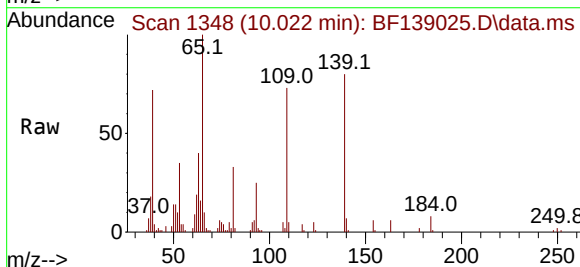
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

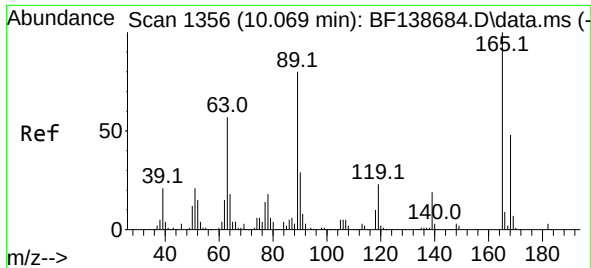
Tgt Ion:168 Resp: 331767
Ion Ratio Lower Upper
168 100
139 43.9 32.6 49.0
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 38.596 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:139 Resp: 35833
Ion Ratio Lower Upper
139 100
109 91.7 55.5 95.5
65 124.8 96.7 136.7

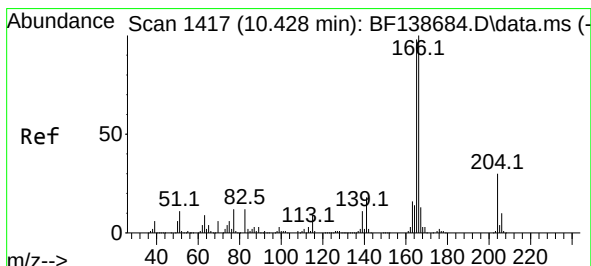
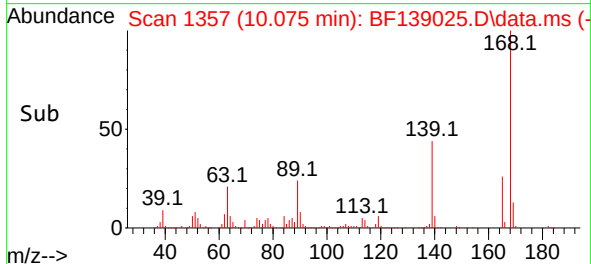
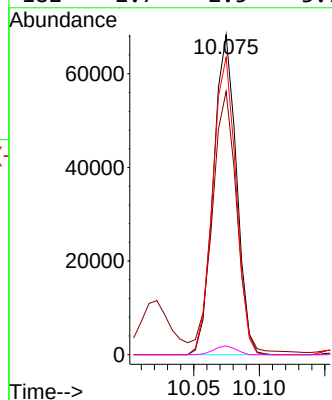
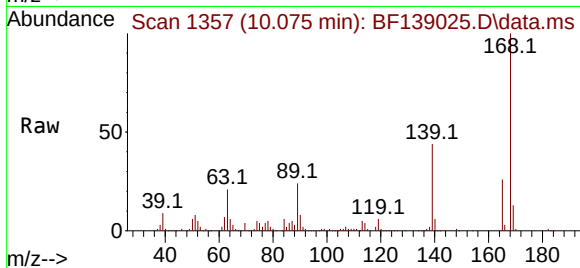




#57
2,4-Dinitrotoluene
Concen: 43.734 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

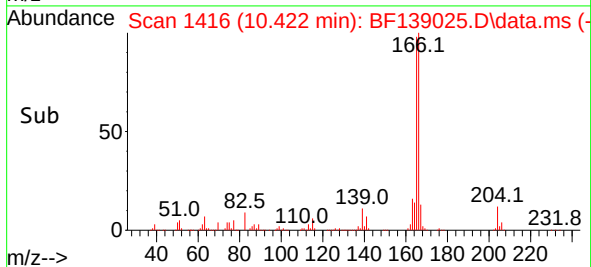
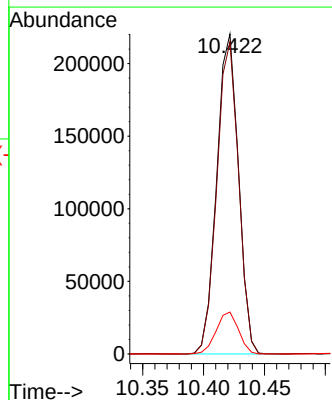
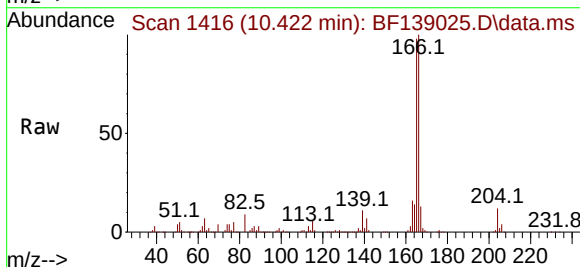
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

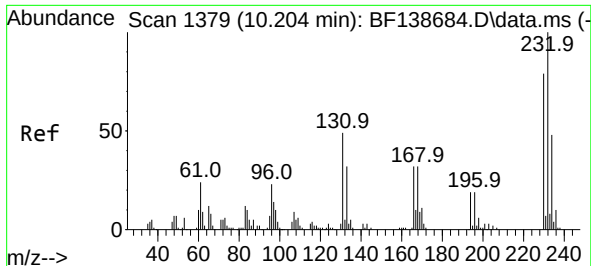
Tgt Ion:165 Resp: 83332
Ion Ratio Lower Upper
165 100
63 82.2 46.3 69.5#
89 92.9 64.2 96.4
182 2.7 2.5 3.7



#58
Fluorene
Concen: 42.452 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:166 Resp: 274269
Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 13.1 10.6 16.0

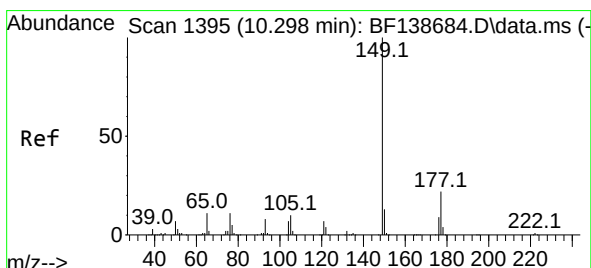
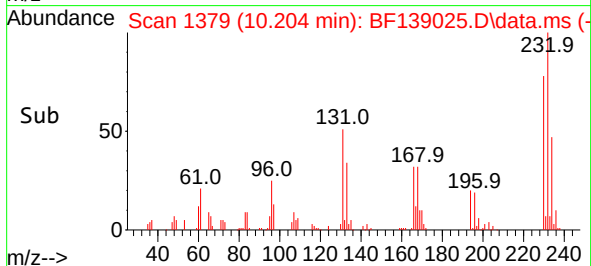
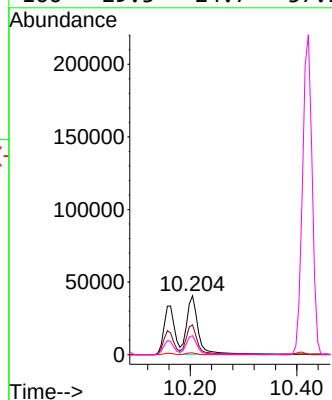
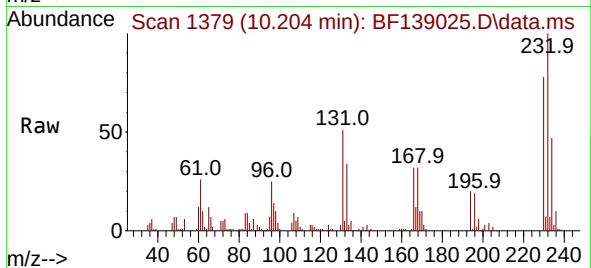




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.119 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

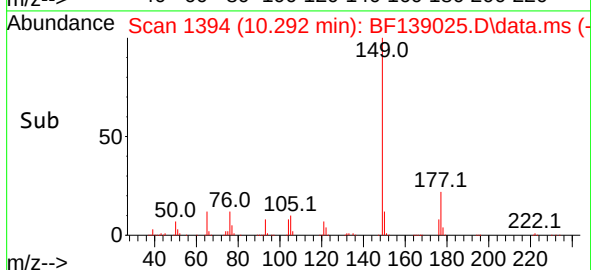
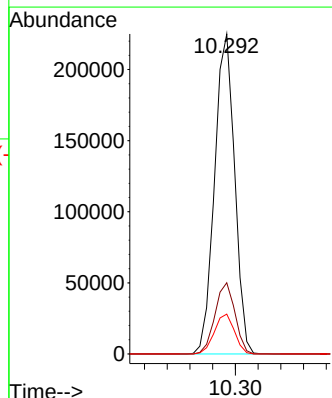
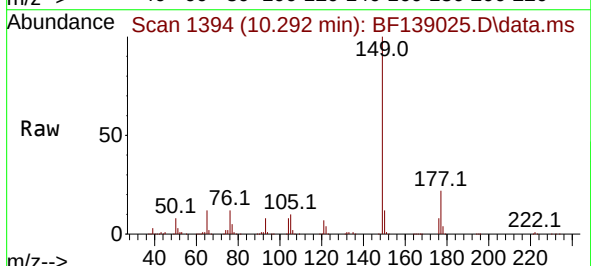
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

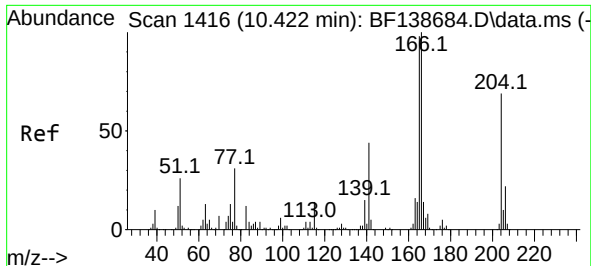
Tgt Ion:232	Resp:	60241
Ion Ratio	Lower	Upper
232	100	
131	47.2	37.0 55.4
130	2.6	2.0 3.0
166	29.3	24.7 37.1



#60
Diethylphthalate
Concen: 43.986 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:149	Resp:	275996
Ion Ratio	Lower	Upper
149	100	
177	22.3	17.8 26.8
150	12.4	10.1 15.1

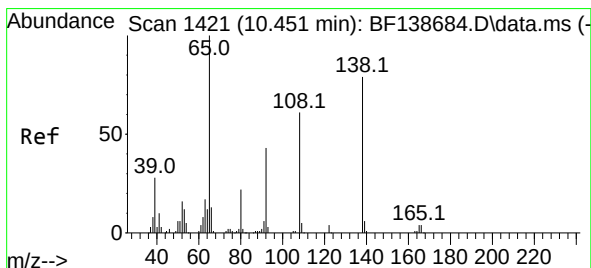
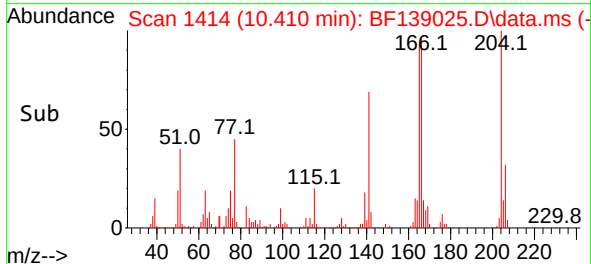
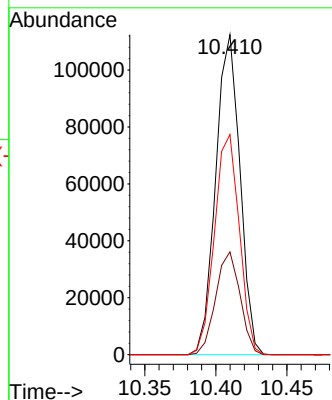
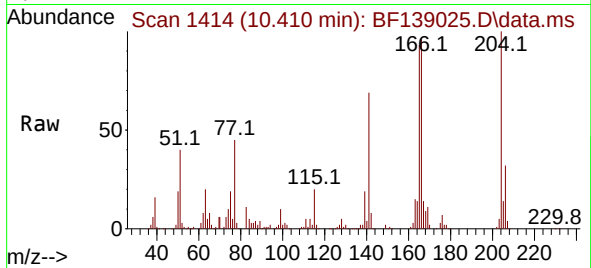




#61
4-Chlorophenyl-phenylether
Concen: 42.035 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

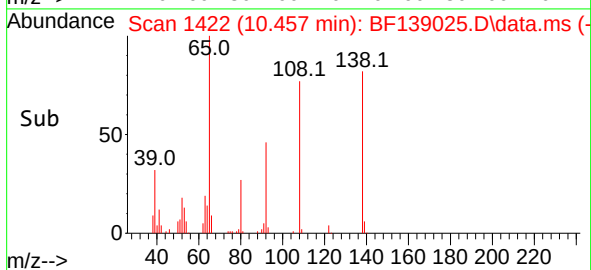
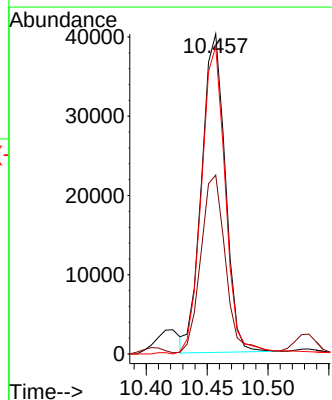
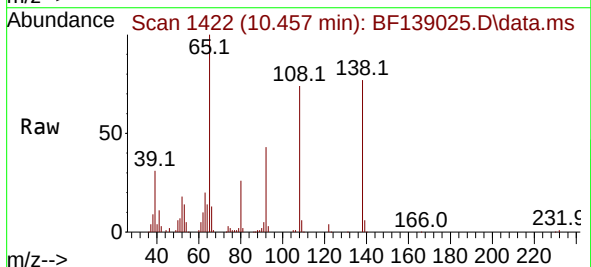
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

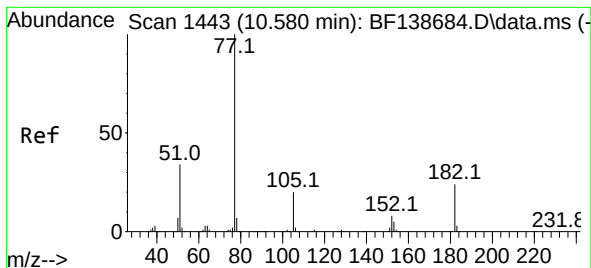
Tgt Ion:204 Resp: 133567
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 68.8 51.4 77.0



#62
4-Nitroaniline
Concen: 36.879 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:138 Resp: 54108
Ion Ratio Lower Upper
138 100
92 55.9 34.2 74.2
108 96.1 56.2 96.2





#63

Azobenzene

Concen: 41.401 ng

RT: 10.569 min Scan# 1441

Delta R.T. -0.012 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 288112

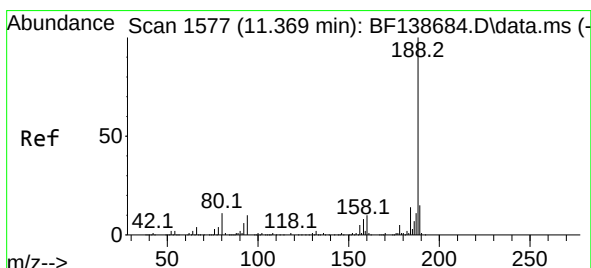
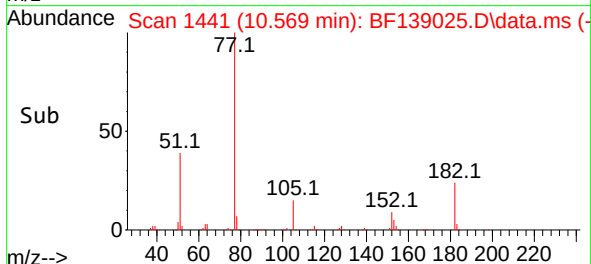
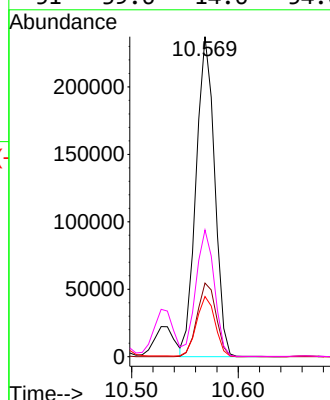
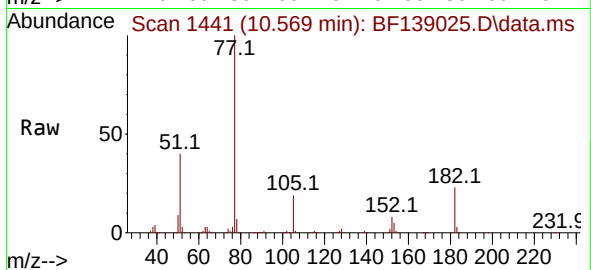
Ion Ratio Lower Upper

77 100

182 23.0 3.4 43.4

105 18.8 0.2 40.2

51 39.6 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1575

Delta R.T. -0.012 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

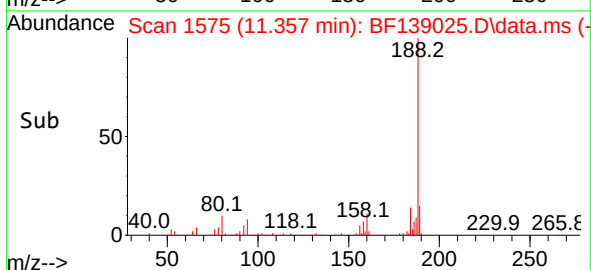
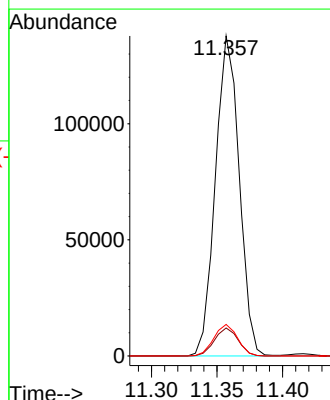
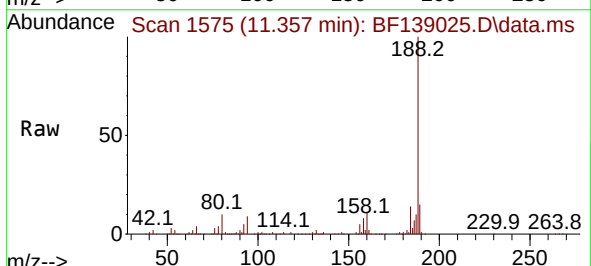
Tgt Ion:188 Resp: 173892

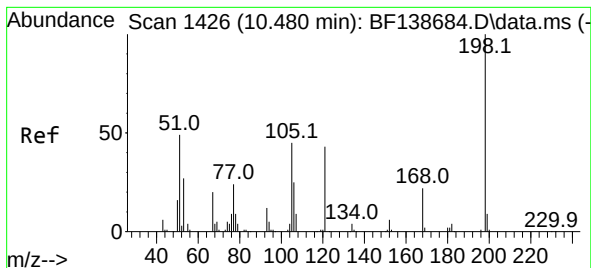
Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 9.9 8.6 12.8

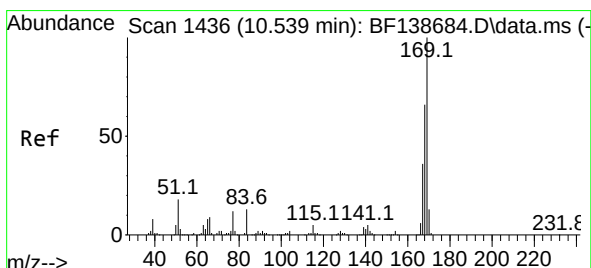
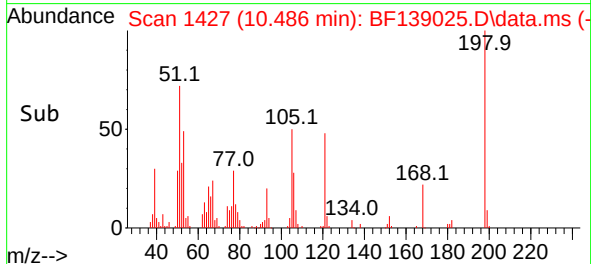
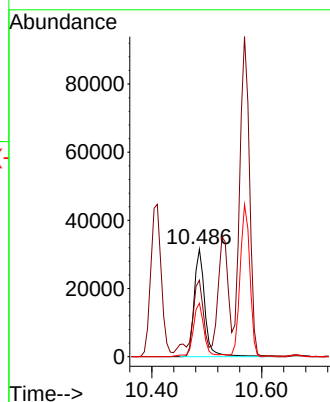
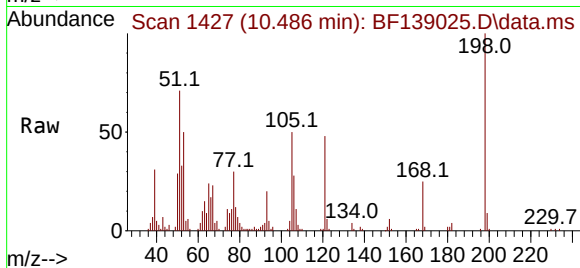




#65
4,6-Dinitro-2-methylphenol
Concen: 40.109 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

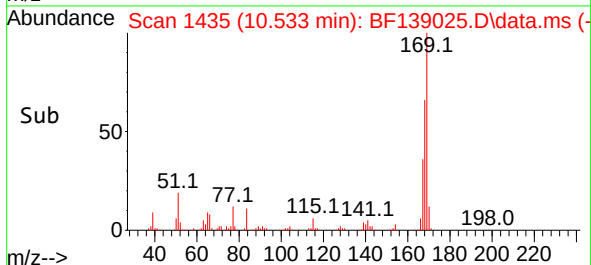
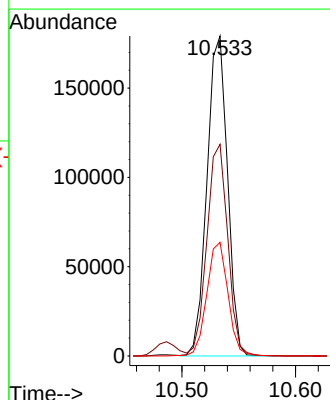
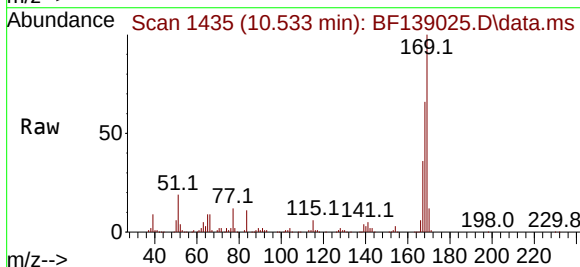
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

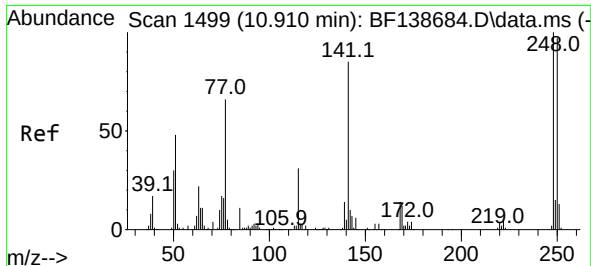
Tgt Ion:198 Resp: 42551
Ion Ratio Lower Upper
198 100
51 71.0 39.9 79.9
105 49.6 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 41.293 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:169 Resp: 224448
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.6
167 35.5 29.0 43.6

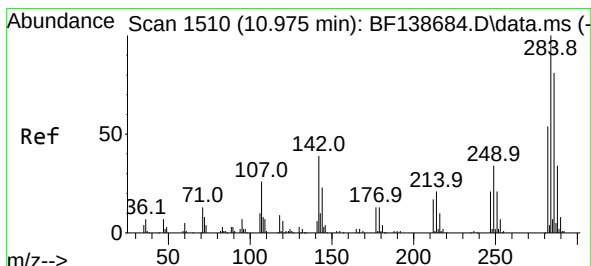
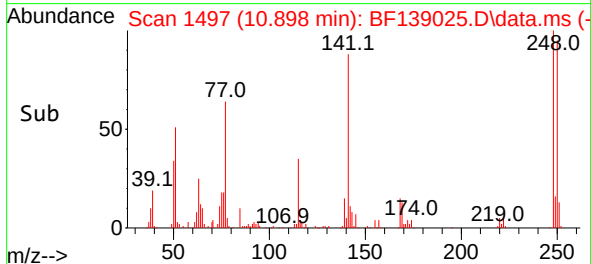
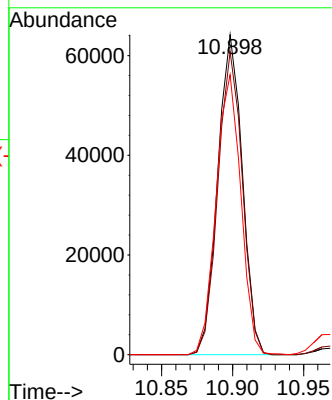
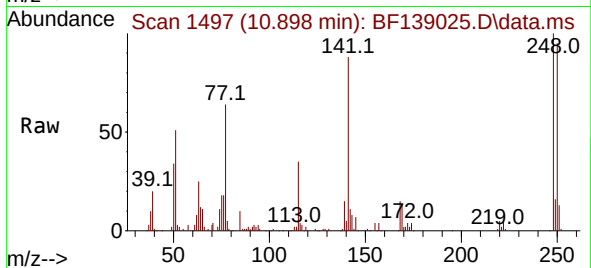




#67
4-Bromophenyl-phenylether
Concen: 40.980 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

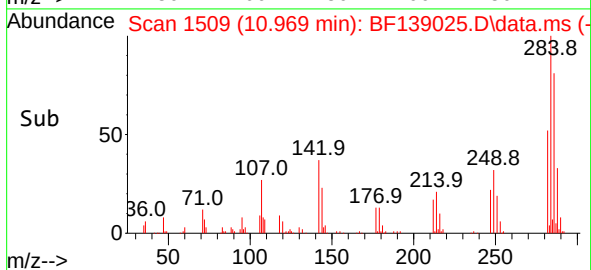
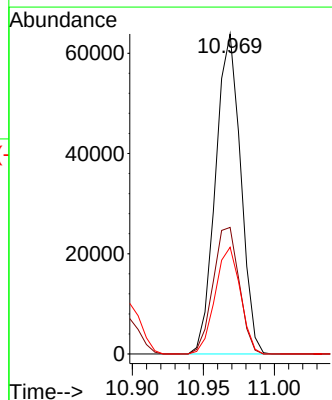
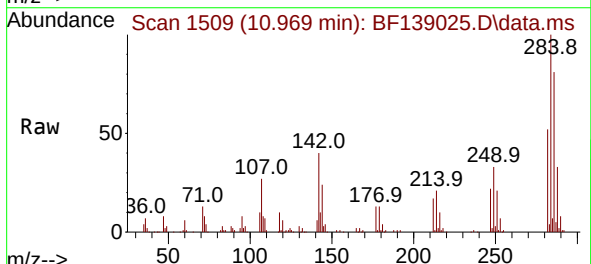
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

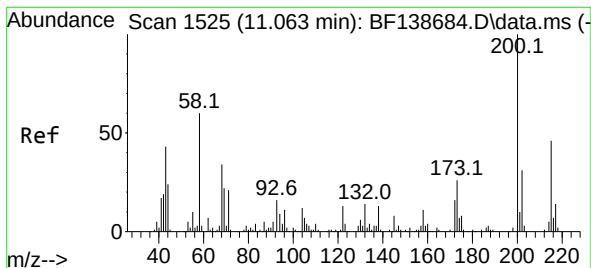
Tgt Ion:248 Resp: 77154
Ion Ratio Lower Upper
248 100
250 94.7 77.7 116.5
141 87.5 68.0 102.0



#68
Hexachlorobenzene
Concen: 40.368 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:284 Resp: 78472
Ion Ratio Lower Upper
284 100
142 39.5 31.3 46.9
249 33.4 27.2 40.8





#69

Atrazine

Concen: 37.965 ng

RT: 11.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

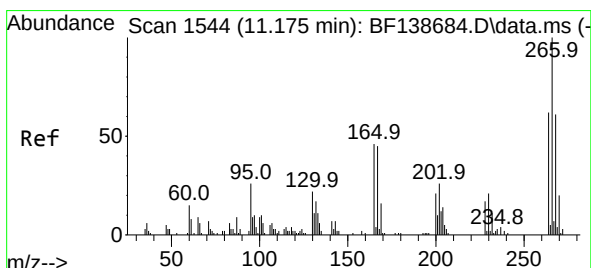
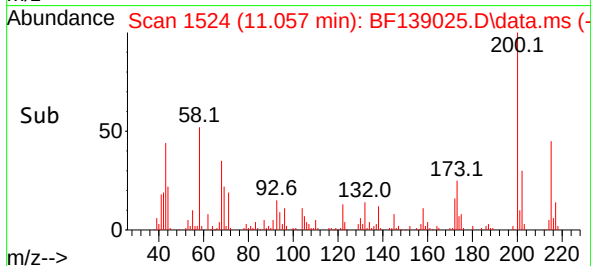
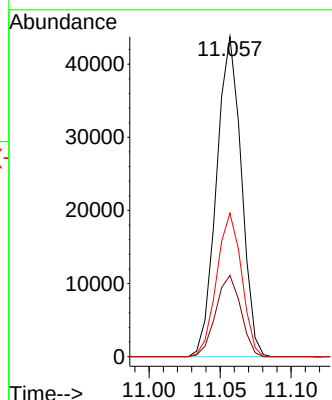
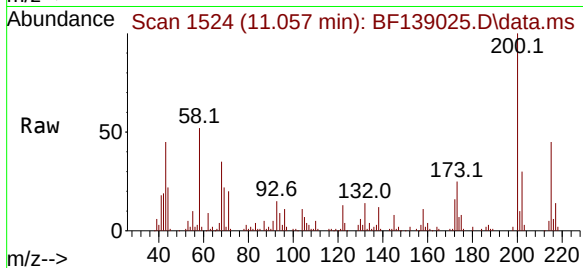
Tgt Ion:200 Resp: 53241

Ion Ratio Lower Upper

200 100

173 25.4 6.0 46.0

215 44.9 26.1 66.1



#70

Pentachlorophenol

Concen: 36.280 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

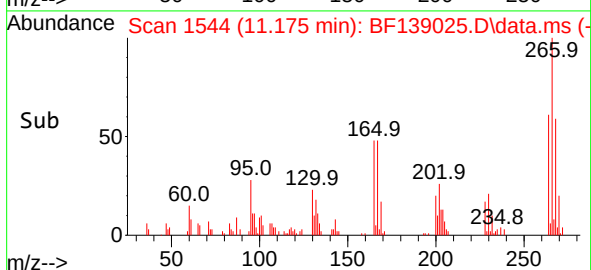
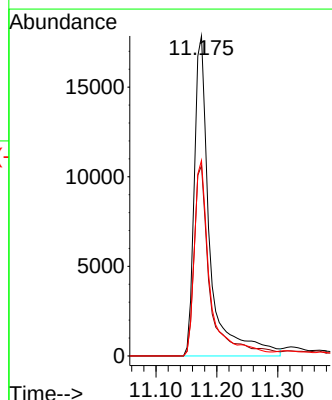
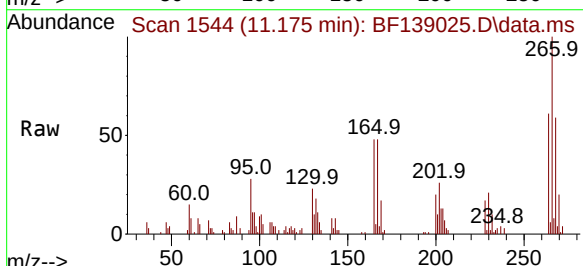
Tgt Ion:266 Resp: 31789

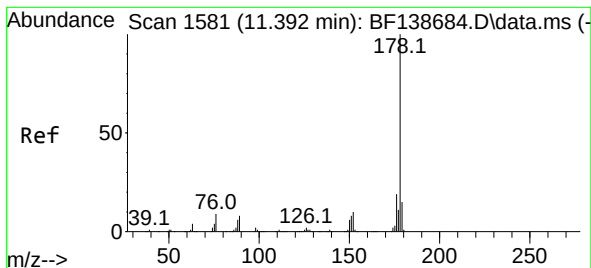
Ion Ratio Lower Upper

266 100

268 59.5 49.2 73.8

264 61.1 49.8 74.6





#71

Phenanthrene

Concen: 40.236 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

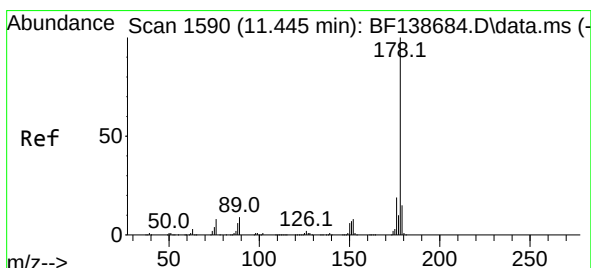
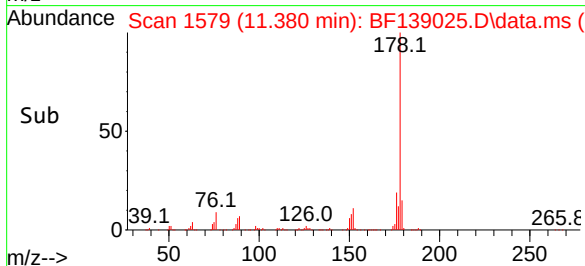
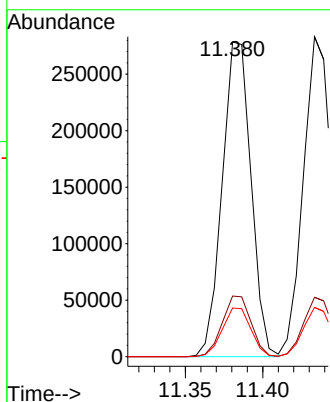
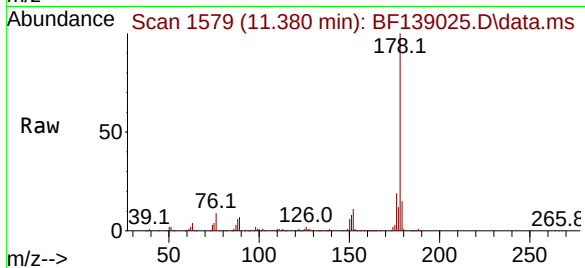
Tgt Ion:178 Resp: 360273

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.5 12.2 18.2



#72

Anthracene

Concen: 40.615 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.012 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

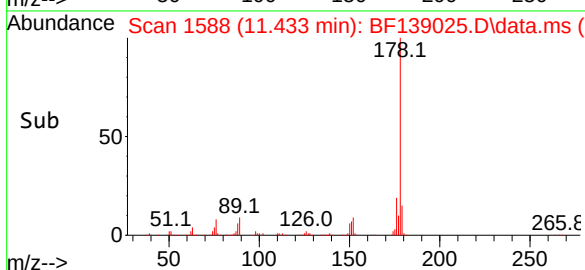
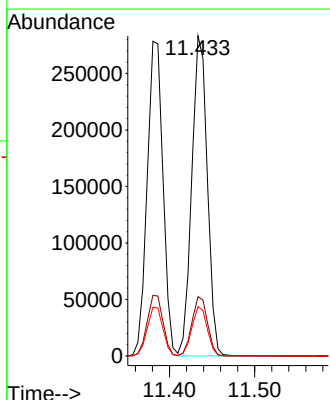
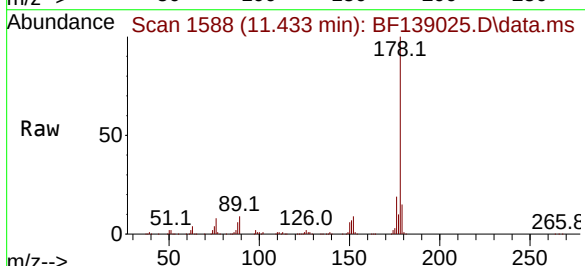
Tgt Ion:178 Resp: 358261

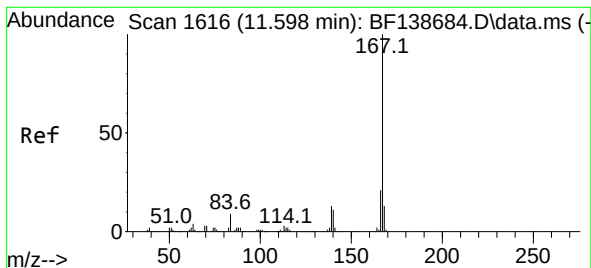
Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.4 12.4 18.6





#73

Carbazole

Concen: 39.675 ng

RT: 11.592 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

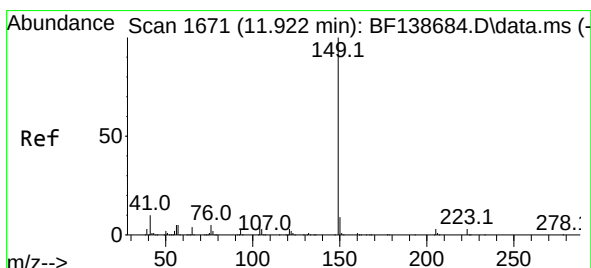
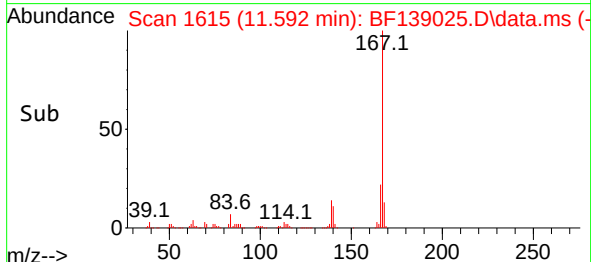
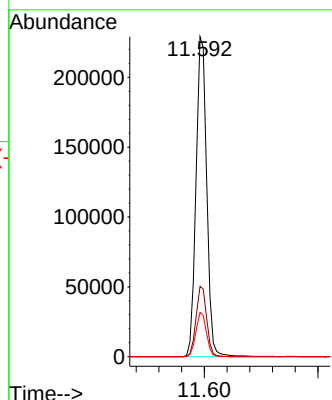
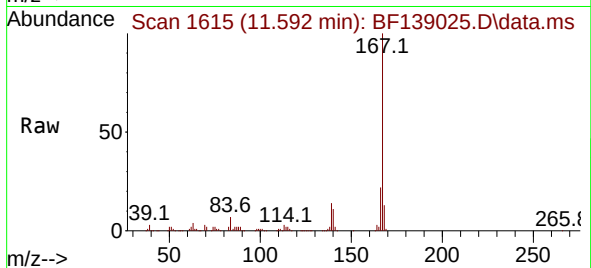
Tgt Ion:167 Resp: 301941

Ion Ratio Lower Upper

167 100

166 21.9 17.2 25.8

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 44.460 ng

RT: 11.910 min Scan# 1669

Delta R.T. -0.012 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

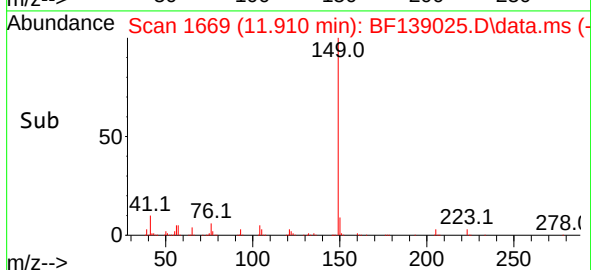
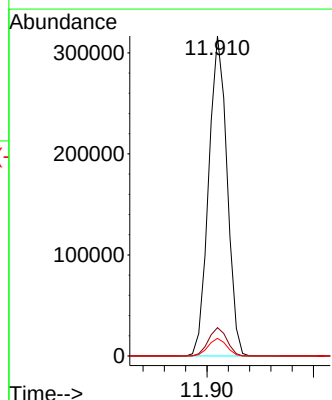
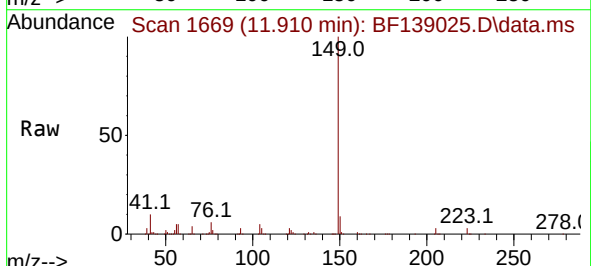
Tgt Ion:149 Resp: 380361

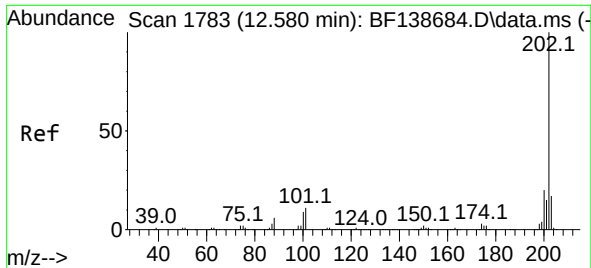
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.5 4.1 6.1

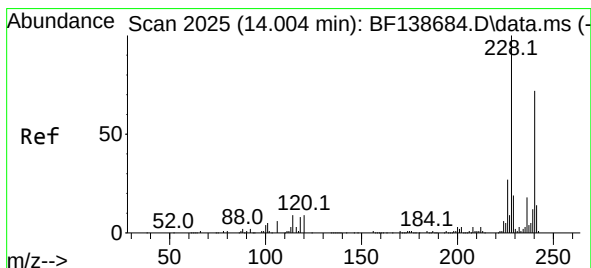
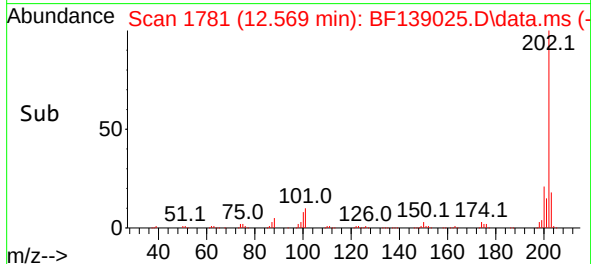
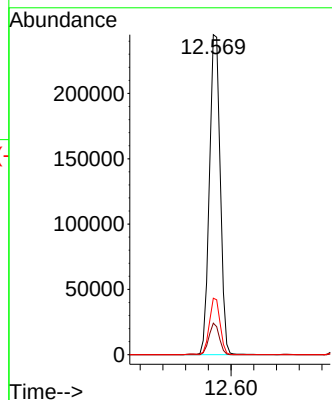
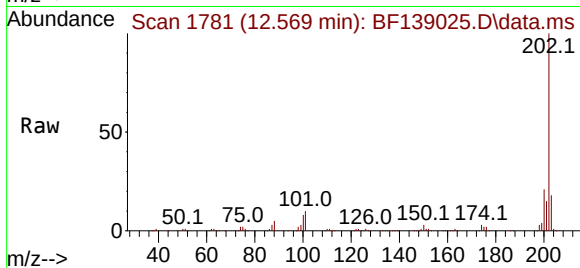




#75
Fluoranthene
Concen: 38.519 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

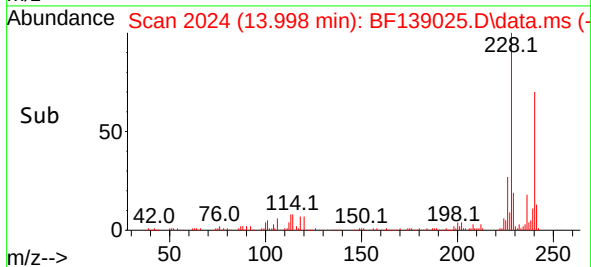
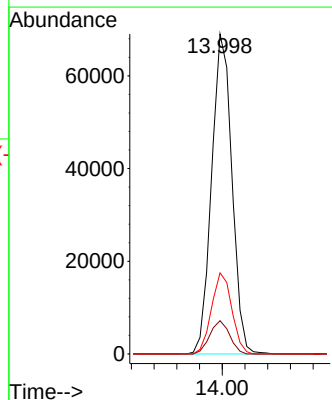
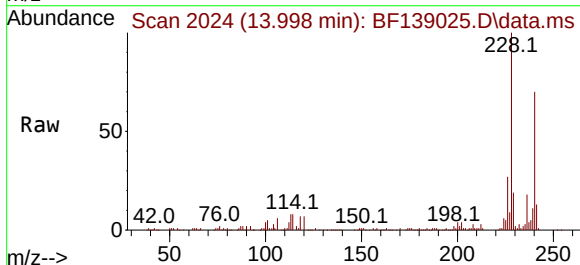
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

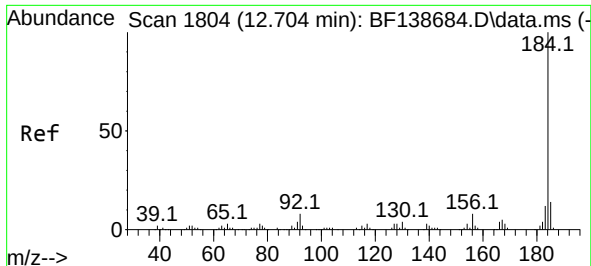
Tgt Ion:202 Resp: 321989
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.2
203 17.6 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:240 Resp: 85690
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.4
236 25.4 19.8 29.8

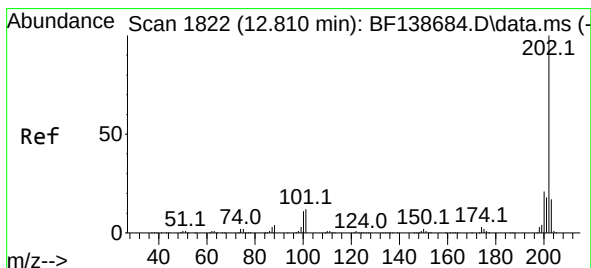
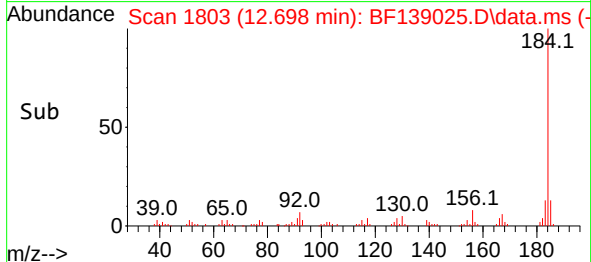
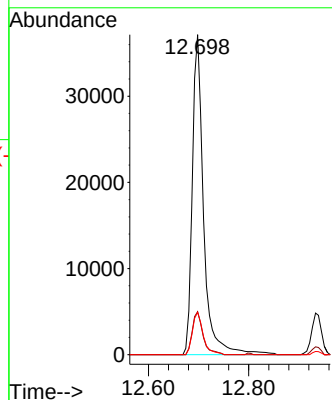
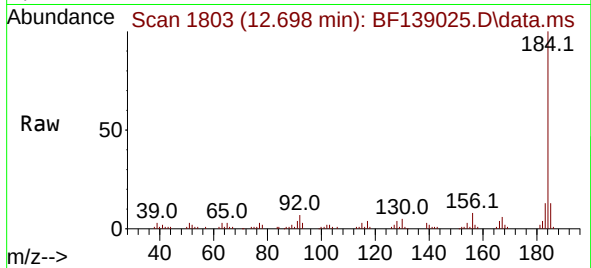




#77
Benzidine
Concen: 28.350 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

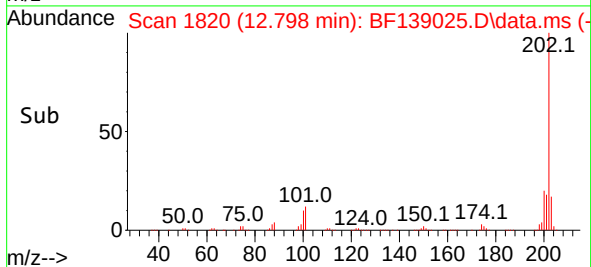
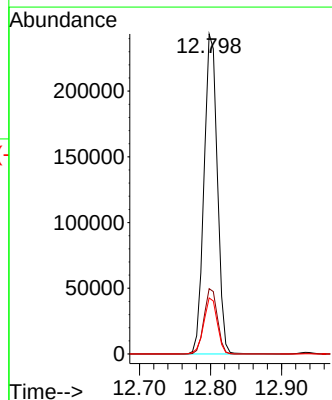
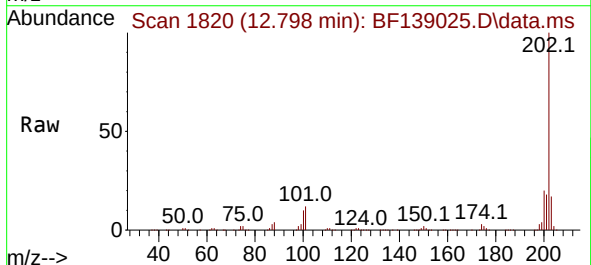
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

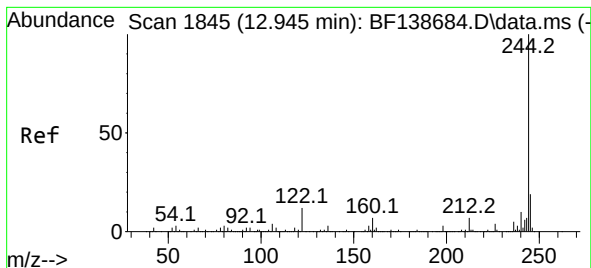
Tgt Ion:184 Resp: 58104
Ion Ratio Lower Upper
184 100
185 13.5 11.1 16.7
183 13.3 9.6 14.4



#78
Pyrene
Concen: 39.402 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:202 Resp: 317893
Ion Ratio Lower Upper
202 100
200 20.4 16.8 25.2
203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 80.418 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

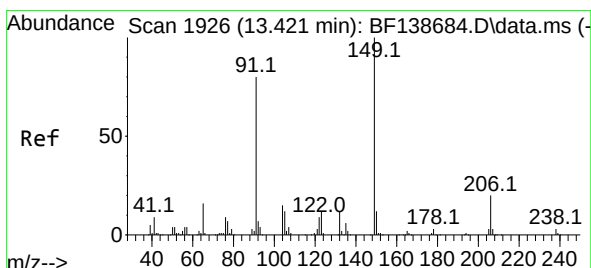
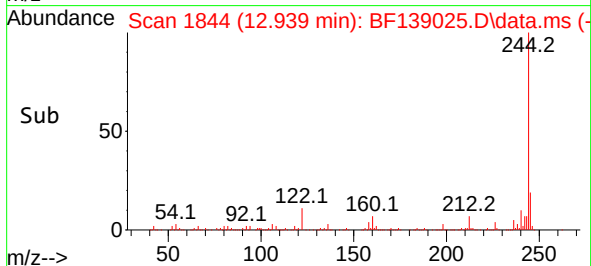
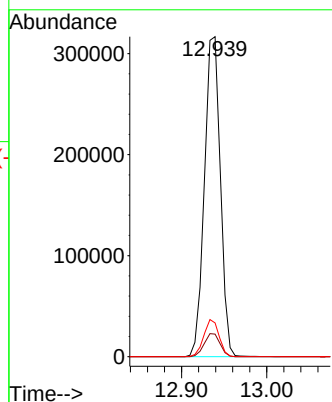
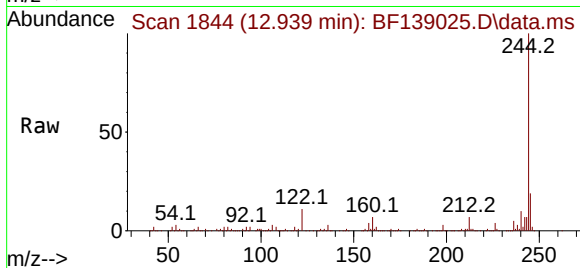
Tgt Ion:244 Resp: 411582

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.6 9.6 14.4



#80

Butylbenzylphthalate

Concen: 42.091 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

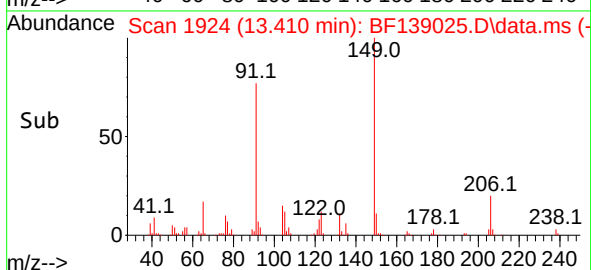
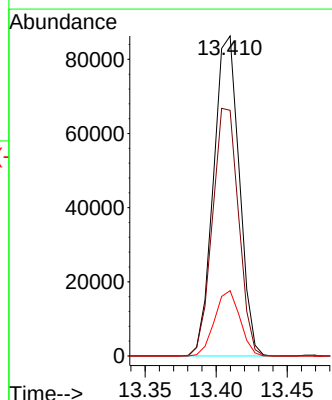
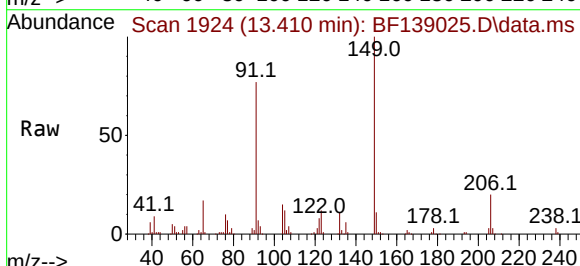
Tgt Ion:149 Resp: 108747

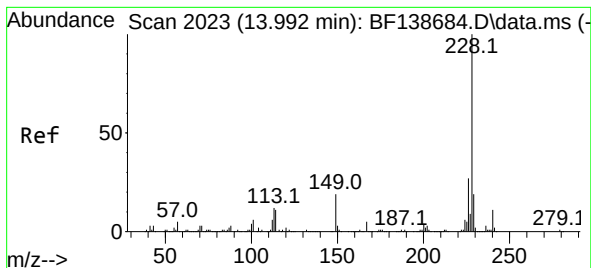
Ion Ratio Lower Upper

149 100

91 76.8 63.7 95.5

206 20.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 40.083 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

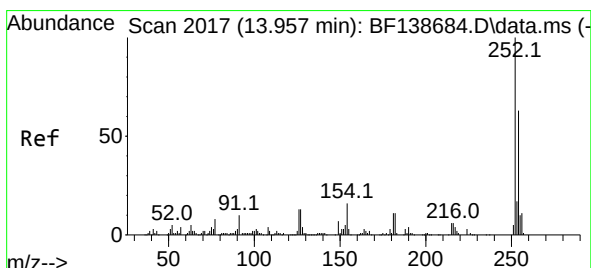
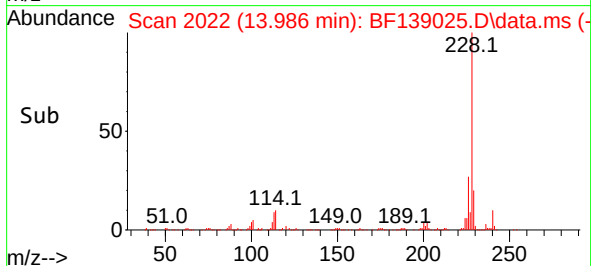
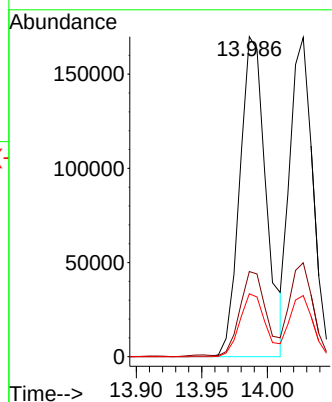
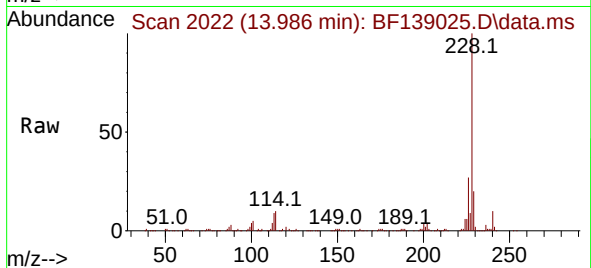
Tgt Ion:228 Resp: 236524

Ion Ratio Lower Upper

228 100

226 26.6 22.1 33.1

229 19.7 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 41.290 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

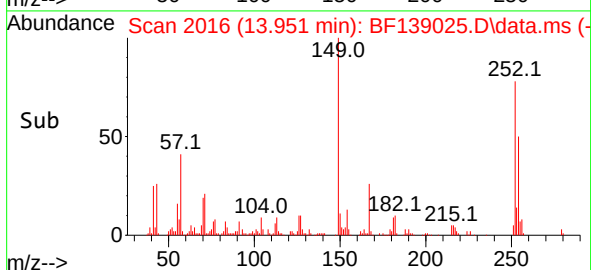
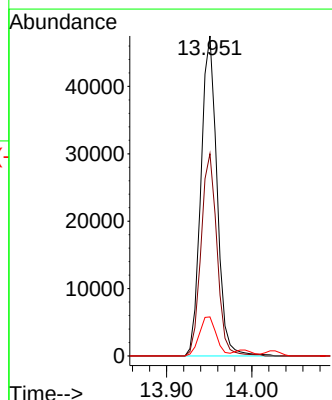
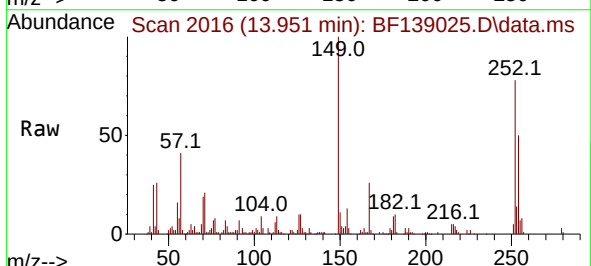
Tgt Ion:252 Resp: 62349

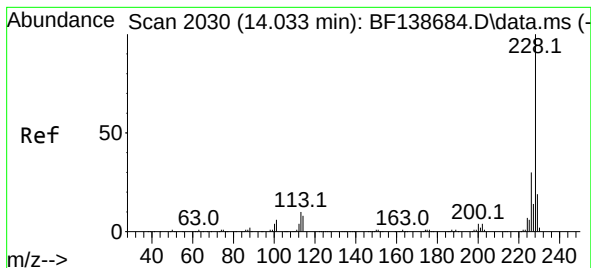
Ion Ratio Lower Upper

252 100

254 63.2 50.8 76.2

126 12.2 10.2 15.2





#83

Chrysene

Concen: 38.538 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

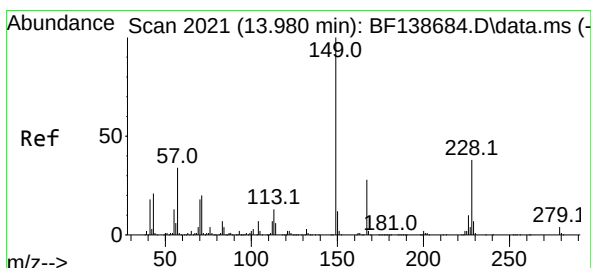
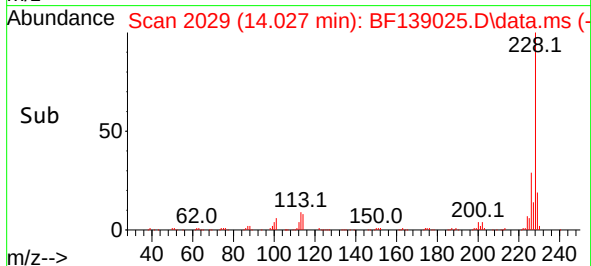
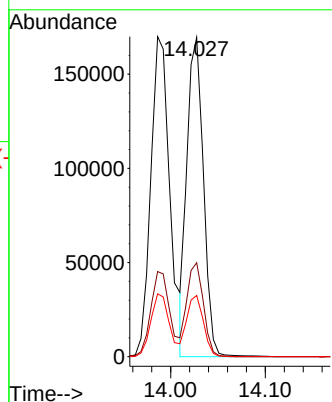
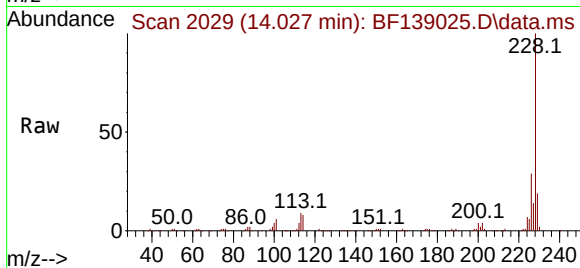
Tgt Ion:228 Resp: 205164

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.2 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.771 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

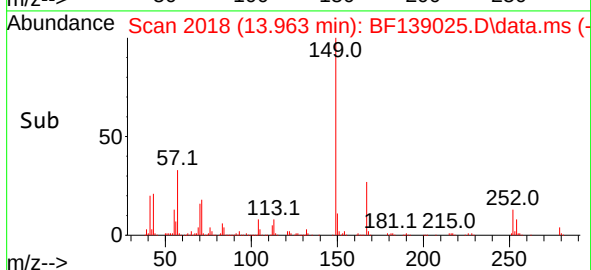
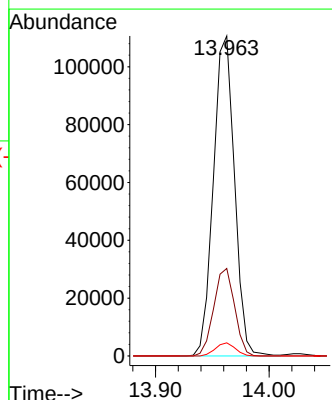
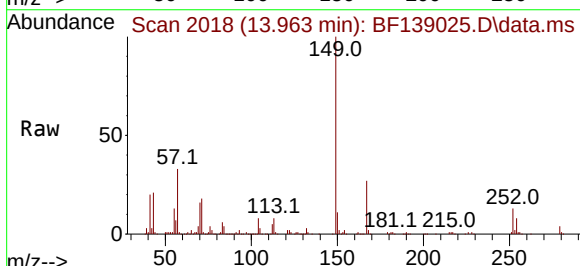
Tgt Ion:149 Resp: 142898

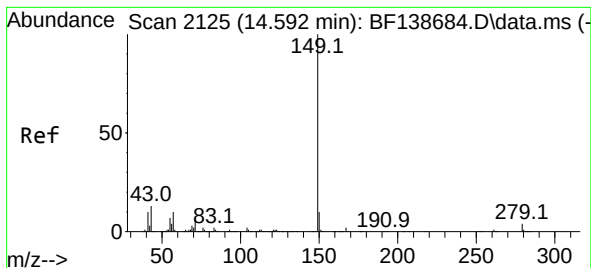
Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.4

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 35.673 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

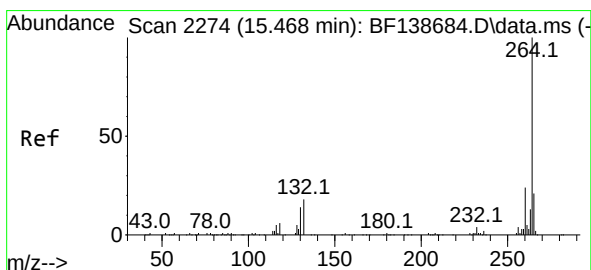
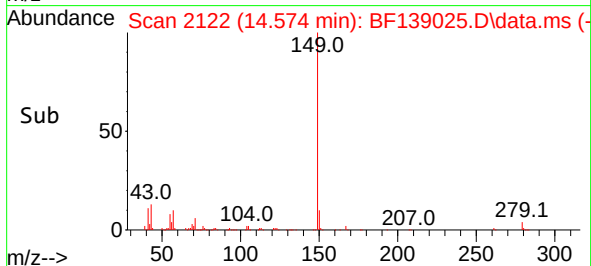
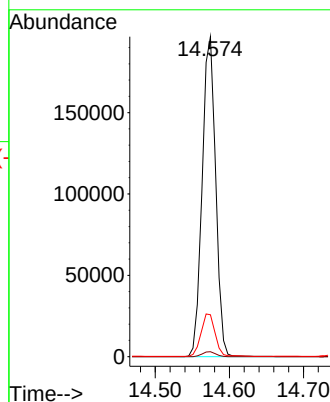
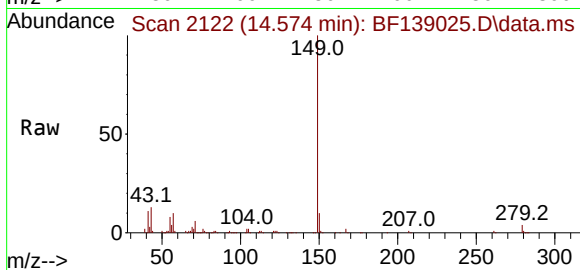
Tgt Ion:149 Resp: 249697

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 13.9 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

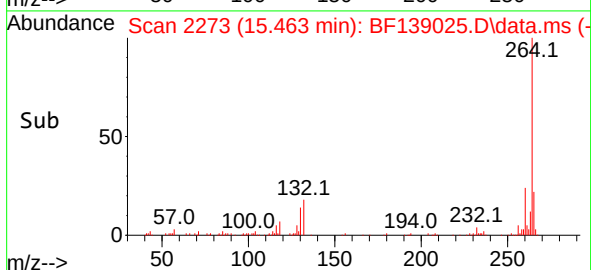
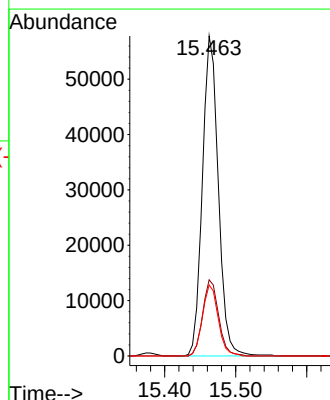
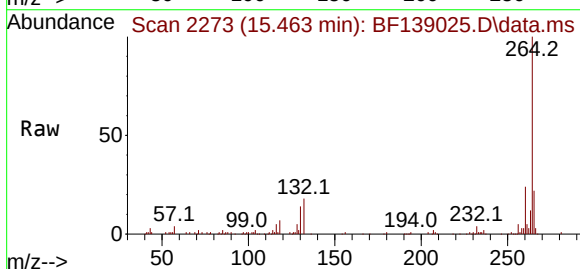
Tgt Ion:264 Resp: 90423

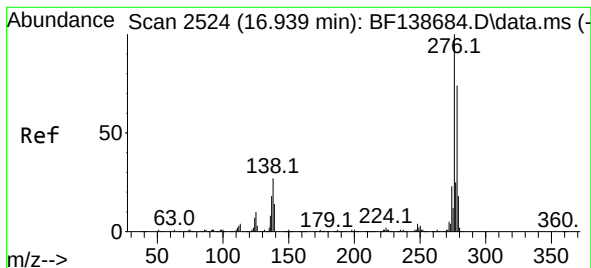
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 22.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.370 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

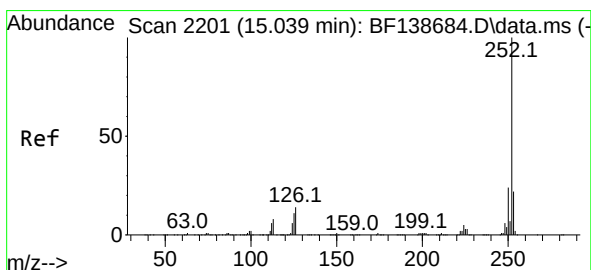
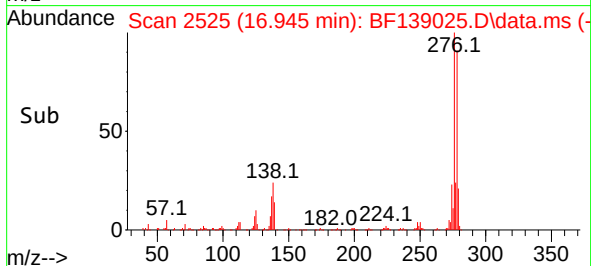
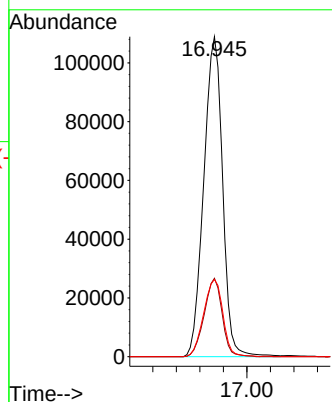
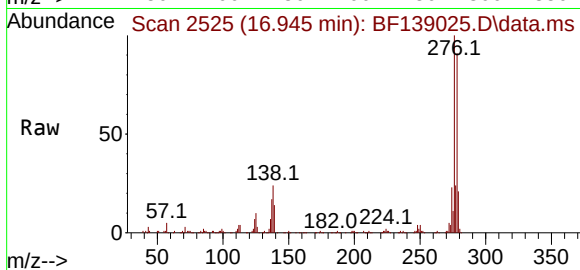
Tgt Ion:276 Resp: 242158

Ion Ratio Lower Upper

276 100

138 23.3 21.8 32.8

277 24.7 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 40.015 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

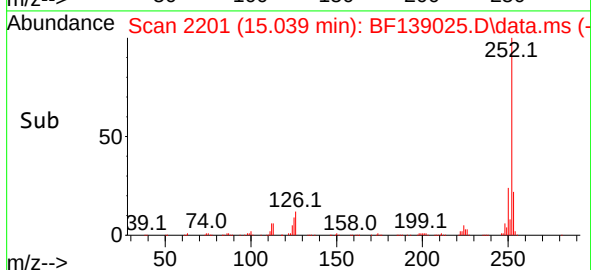
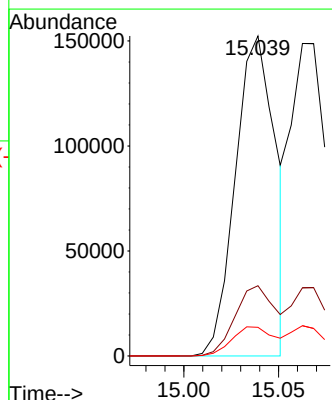
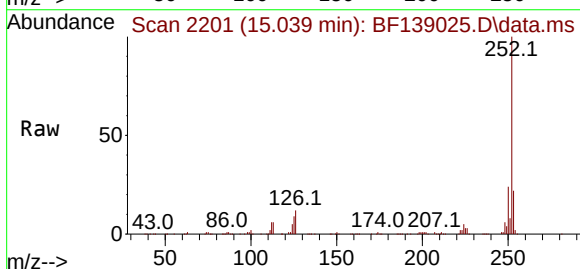
Tgt Ion:252 Resp: 224297

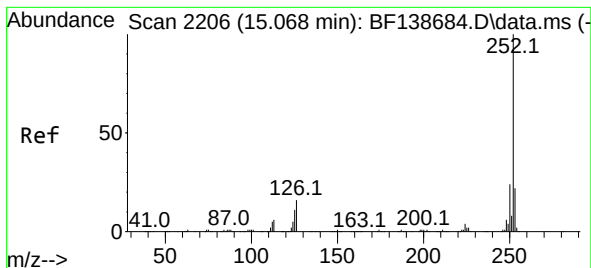
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.9 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 42.081 ng

RT: 15.063 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

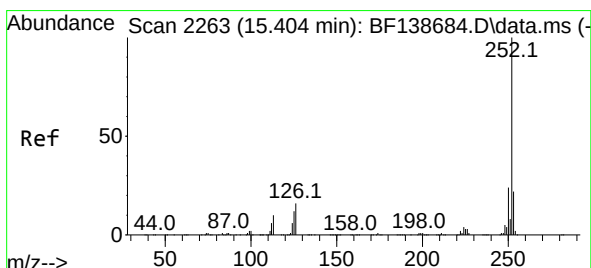
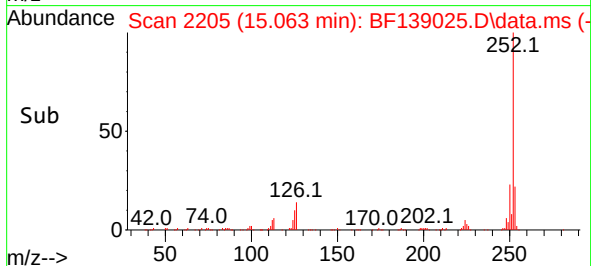
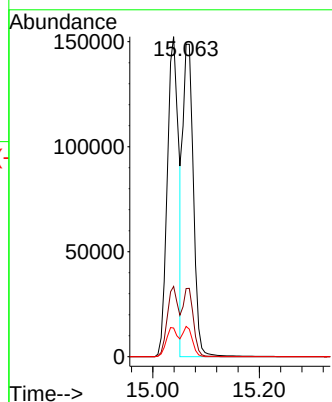
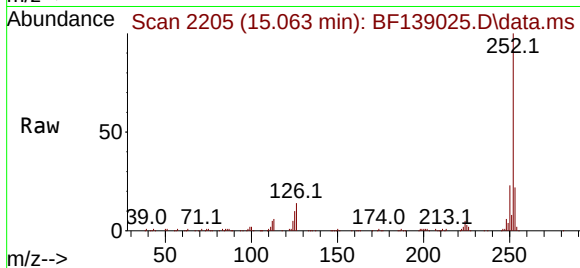
Tgt Ion:252 Resp: 204228

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.7 8.6 13.0



#90

Benzo(a)pyrene

Concen: 41.192 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

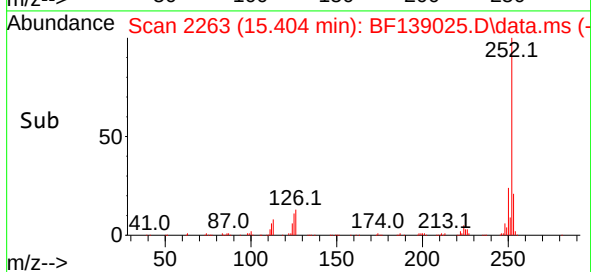
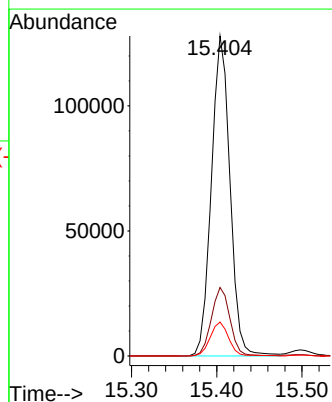
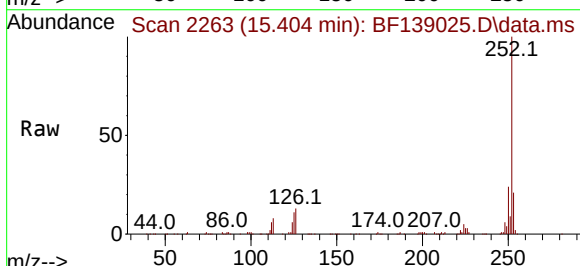
Tgt Ion:252 Resp: 194217

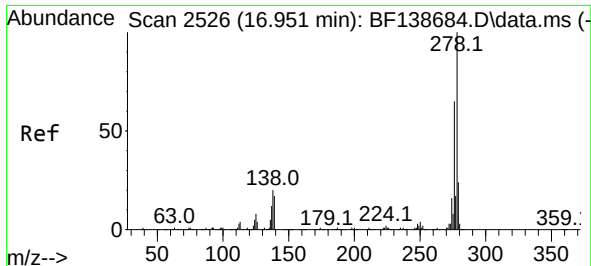
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 10.6 9.5 14.3

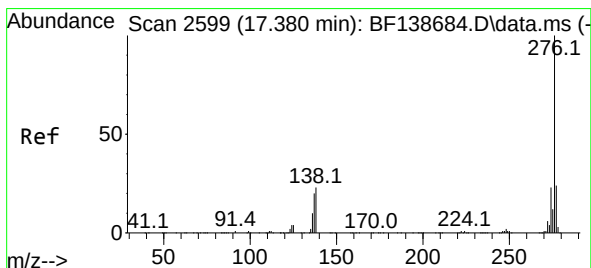
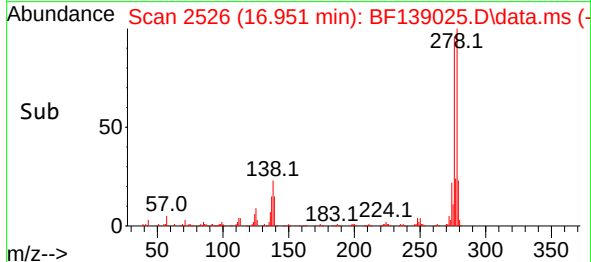
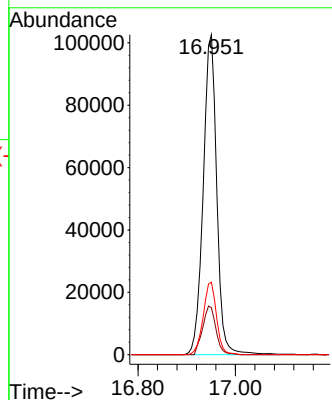
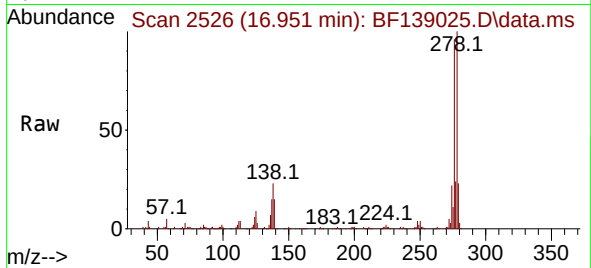




#91
 Dibenzo(a,h)anthracene
 Concen: 37.290 ng
 RT: 16.951 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139025.D
 Acq: 15 Aug 2024 16:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:278 Resp: 198357
 Ion Ratio Lower Upper
 278 100
 139 14.7 14.0 21.0
 279 22.7 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 35.585 ng
 RT: 17.386 min Scan# 2600
 Delta R.T. 0.006 min
 Lab File: BF139025.D
 Acq: 15 Aug 2024 16:31

Tgt Ion:276 Resp: 196424
 Ion Ratio Lower Upper
 276 100
 277 23.0 19.0 28.4
 138 21.1 18.5 27.7

