

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139965.D
 Acq On : 23 Oct 2024 15:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 23 16:12:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	159858	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	611382	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	340124	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	597021	20.000	ng	0.00
76) Chrysene-d12	14.057	240	306092	20.000	ng	0.00
86) Perylene-d12	15.533	264	358871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	788397	77.208	ng	0.00
7) Phenol-d6	6.510	99	1009467	76.328	ng	0.00
23) Nitrobenzene-d5	7.451	82	905794	82.113	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	278197	87.444	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1590284	77.274	ng	0.00
79) Terphenyl-d14	12.998	244	1502801	80.002	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	185845	39.035	ng	95
3) Pyridine	3.434	79	459716	38.955	ng	97
4) n-Nitrosodimethylamine	3.381	42	230654	36.378	ng	95
6) Aniline	6.551	93	475331	38.564	ng	98
8) 2-Chlorophenol	6.675	128	412600	39.524	ng	99
9) Benzaldehyde	6.440	77	300182	40.347	ng	98
10) Phenol	6.528	94	547813	40.178	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	406978	38.618	ng	99
12) 1,3-Dichlorobenzene	6.834	146	472163	39.402	ng	98
13) 1,4-Dichlorobenzene	6.910	146	474523	39.636	ng	99
14) 1,2-Dichlorobenzene	7.063	146	442180	39.574	ng	99
15) Benzyl Alcohol	7.028	79	367781	37.910	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	645310	35.911	ng	97
17) 2-Methylphenol	7.134	107	351315	39.467	ng	99
18) Hexachloroethane	7.404	117	169360	39.670	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	293648	36.609	ng	96
20) 3+4-Methylphenols	7.287	107	443838	38.982	ng	100
22) Acetophenone	7.298	105	571315	38.152	ng	97
24) Nitrobenzene	7.475	77	478277	39.545	ng	97
25) Isophorone	7.710	82	795494	37.995	ng	100
26) 2-Nitrophenol	7.787	139	213698	46.836	ng	95
27) 2,4-Dimethylphenol	7.816	122	292012	38.382	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	485228	38.252	ng	99
29) 2,4-Dichlorophenol	8.022	162	346373	39.971	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	379629	39.591	ng	99
31) Naphthalene	8.198	128	1236297	39.208	ng	100
32) Benzoic acid	7.922	122	295264	44.497	ng	96
33) 4-Chloroaniline	8.239	127	415421	38.637	ng	98
34) Hexachlorobutadiene	8.310	225	243614	40.436	ng	99
35) Caprolactam	8.610	113	112811	40.942	ng	91
36) 4-Chloro-3-methylphenol	8.716	107	376721	39.260	ng	97
37) 2-Methylnaphthalene	8.886	142	755327	39.114	ng	100
38) 1-Methylnaphthalene	8.986	142	735901	38.841	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	367476	40.047	ng	99
41) Hexachlorocyclopentadiene	9.039	237	131046	41.044	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	259164	39.893	ng	99

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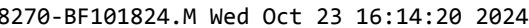
Instrument :
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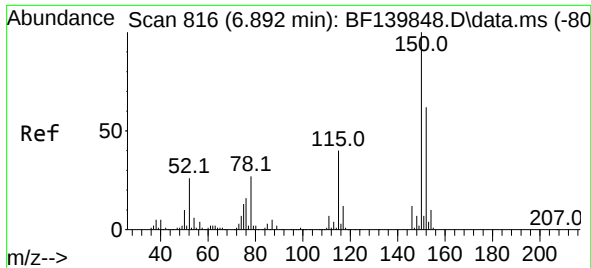
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	282398	42.132	ng	97
46) 1,1'-Biphenyl	9.351	154	919167	38.820	ng	99
47) 2-Chloronaphthalene	9.375	162	746122	39.125	ng	100
48) 2-Nitroaniline	9.463	65	251224	43.073	ng	96
49) Acenaphthylene	9.792	152	1080134	39.178	ng	99
50) Dimethylphthalate	9.651	163	833862	39.360	ng	100
51) 2,6-Dinitrotoluene	9.710	165	196730	42.888	ng	94
52) Acenaphthene	9.963	154	714969	40.088	ng	99
53) 3-Nitroaniline	9.875	138	198559	41.975	ng	97
54) 2,4-Dinitrophenol	9.981	184	94482	52.057	ng	# 1
55) Dibenzofuran	10.133	168	991506	38.748	ng	99
56) 4-Nitrophenol	10.022	139	155364	42.690	ng	98
57) 2,4-Dinitrotoluene	10.110	165	257878	45.716	ng	96
58) Fluorene	10.475	166	760625	39.027	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	220241	41.916	ng	96
60) Diethylphthalate	10.345	149	823444	39.586	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	390596	39.685	ng	97
62) 4-Nitroaniline	10.486	138	190350	42.606	ng	97
63) Azobenzene	10.628	77	834020	37.820	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	133203	54.698	ng	94
66) n-Nitrosodiphenylamine	10.586	169	696657	38.988	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	251419	40.878	ng	98
68) Hexachlorobenzene	11.022	284	279424	40.396	ng	99
69) Atrazine	11.110	200	198207	40.949	ng	99
70) Pentachlorophenol	11.216	266	187195	44.591	ng	99
71) Phenanthrene	11.439	178	1098645	38.958	ng	99
72) Anthracene	11.492	178	1067309	38.790	ng	100
73) Carbazole	11.645	167	973648	38.049	ng	99
74) Di-n-butylphthalate	11.975	149	1141943	38.625	ng	100
75) Fluoranthene	12.627	202	1066456	37.408	ng	99
77) Benzidine	12.745	184	315575	62.699	ng	100
78) Pyrene	12.857	202	1059713	39.552	ng	100
80) Butylbenzylphthalate	13.474	149	330514	41.146	ng	99
81) Benzo(a)anthracene	14.045	228	791290	39.712	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	273674	47.107	ng	99
83) Chrysene	14.080	228	708425	38.777	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	407600	45.227	ng	100
85) Di-n-octyl phthalate	14.645	149	733157	44.726	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	918984	39.805	ng	98
88) Benzo(b)fluoranthene	15.098	252	777166	35.551	ng	100
89) Benzo(k)fluoranthene	15.127	252	752337	39.905	ng	99
90) Benzo(a)pyrene	15.468	252	702054	39.029	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	760841	39.504	ng	98
92) Benzo(g,h,i)perylene	17.480	276	756017	39.298	ng	100

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

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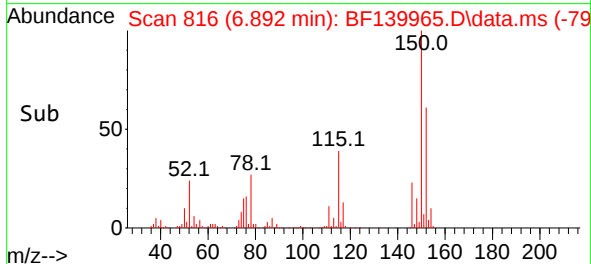
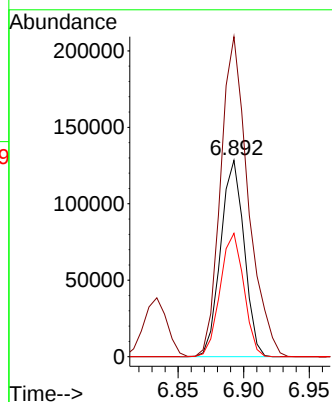
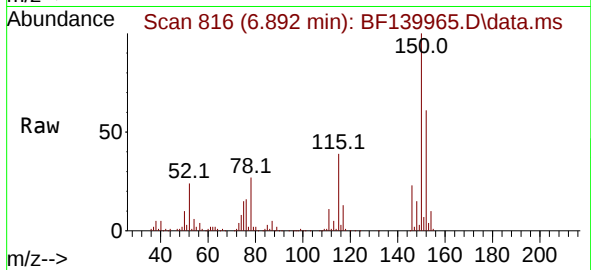




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF139965.D
 Acq: 23 Oct 2024 15:30

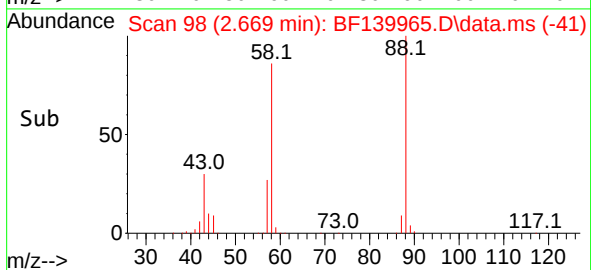
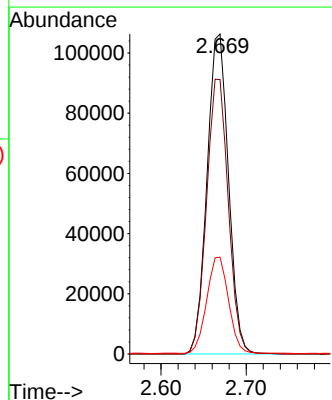
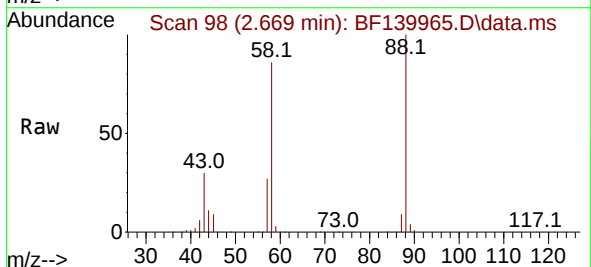
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 159858
 Ion Ratio Lower Upper
 152 100
 150 163.0 130.2 195.2
 115 62.9 51.4 77.2



#2
 1,4-Dioxane
 Concen: 39.035 ng
 RT: 2.669 min Scan# 98
 Delta R.T. -0.018 min
 Lab File: BF139965.D
 Acq: 23 Oct 2024 15:30

Tgt Ion: 88 Resp: 185845
 Ion Ratio Lower Upper
 88 100
 58 87.2 73.3 109.9
 43 30.5 27.1 40.7





#3

Pyridine

Concen: 38.955 ng

RT: 3.434 min Scan# 219

Delta R.T. -0.012 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

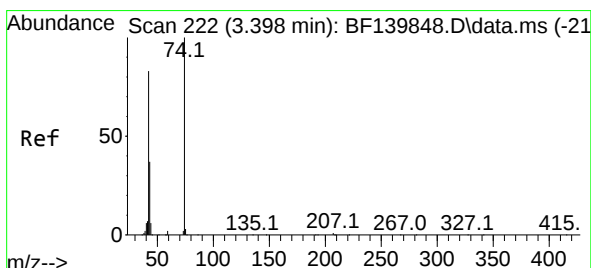
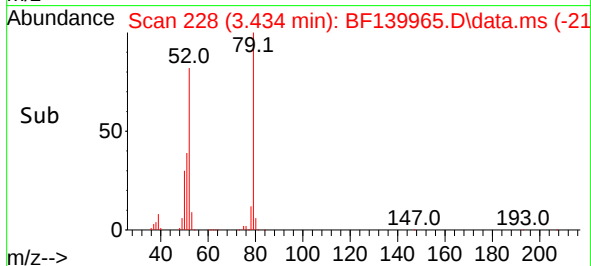
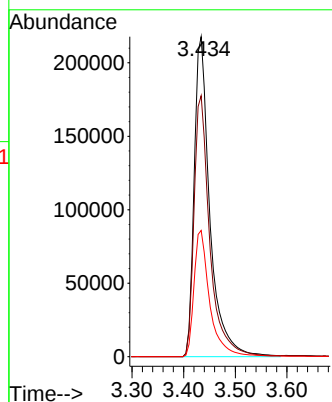
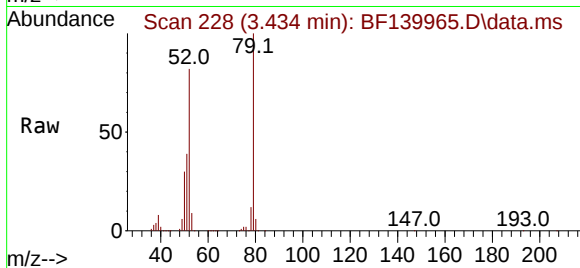
Tgt Ion: 79 Resp: 459716

Ion Ratio Lower Upper

79 100

52 81.5 68.5 102.7

51 39.4 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 36.378 ng

RT: 3.381 min Scan# 219

Delta R.T. -0.018 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

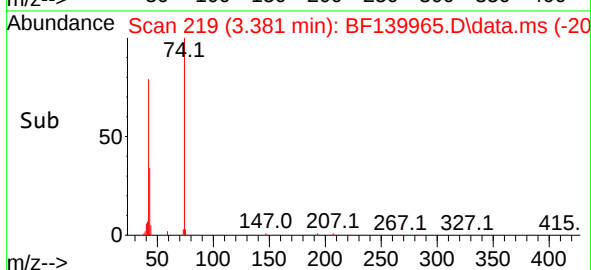
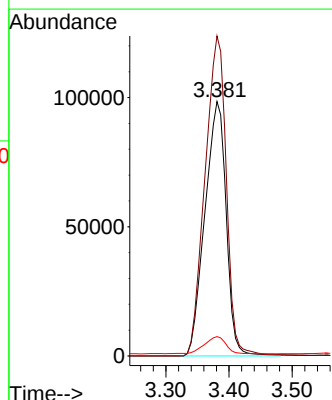
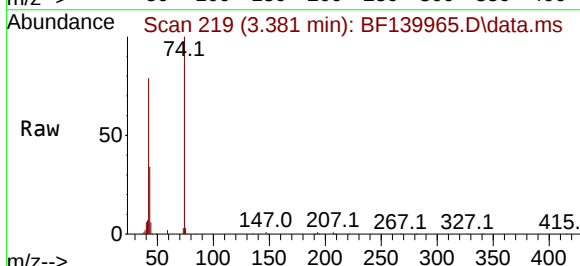
Tgt Ion: 42 Resp: 230654

Ion Ratio Lower Upper

42 100

74 125.8 96.2 144.4

44 7.6 6.2 9.2

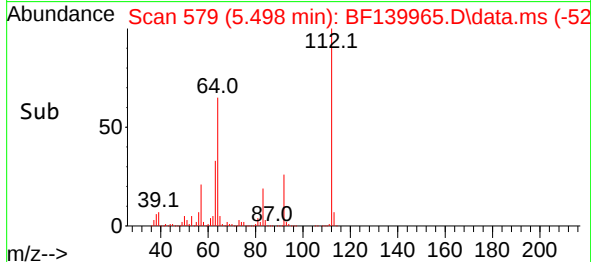
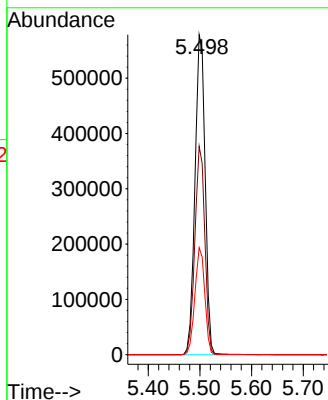
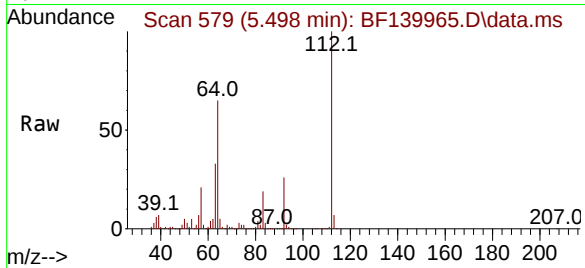




#5
2-Fluorophenol
Concen: 77.208 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

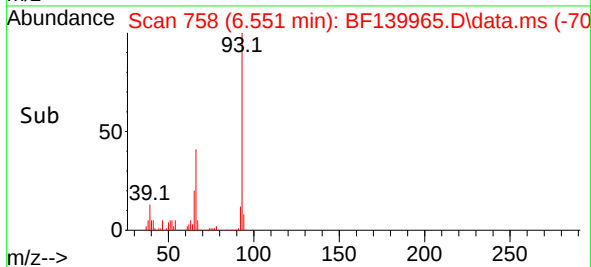
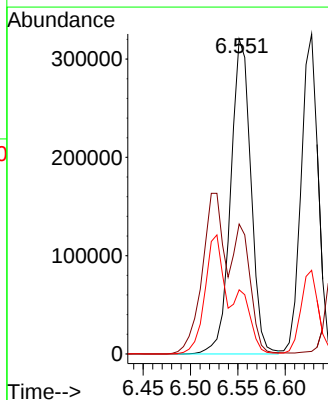
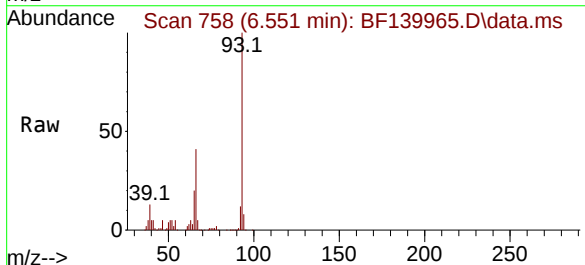
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 788397
Ion Ratio Lower Upper
112 100
64 65.1 53.0 79.6
63 33.5 27.0 40.4



#6
Aniline
Concen: 38.564 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion: 93 Resp: 475331
Ion Ratio Lower Upper
93 100
66 41.3 34.0 51.0
65 20.4 17.4 26.0

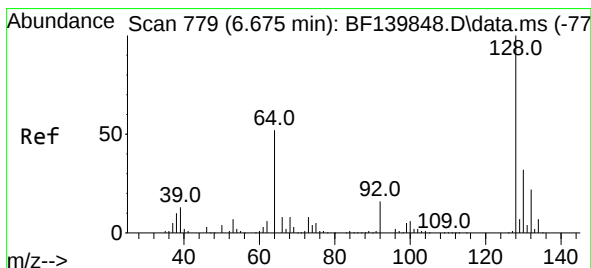
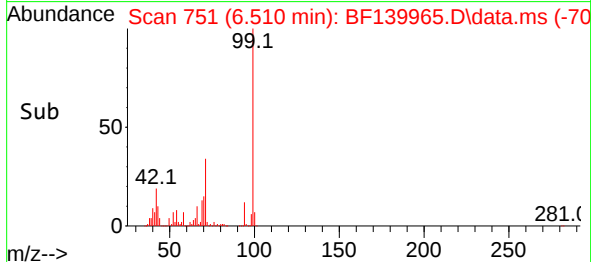
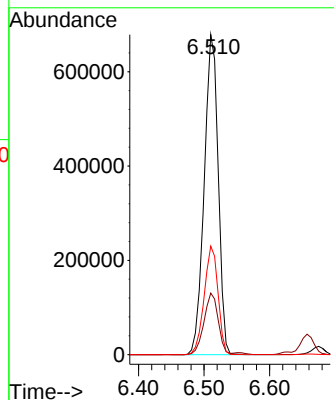
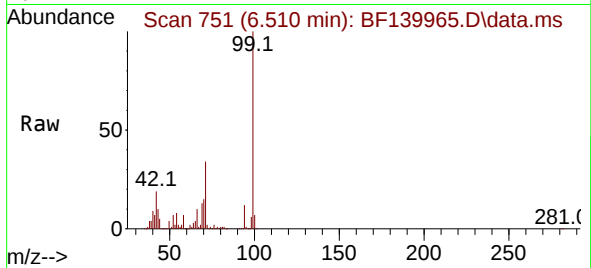




#7
Phenol-d6
Concen: 76.328 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

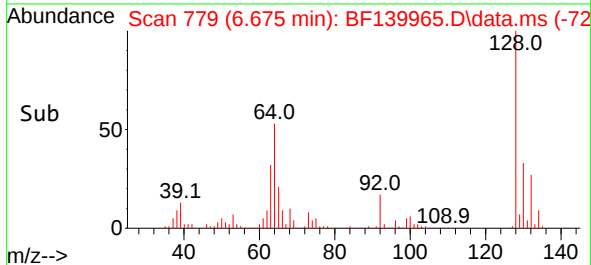
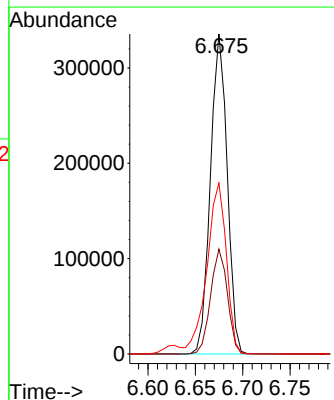
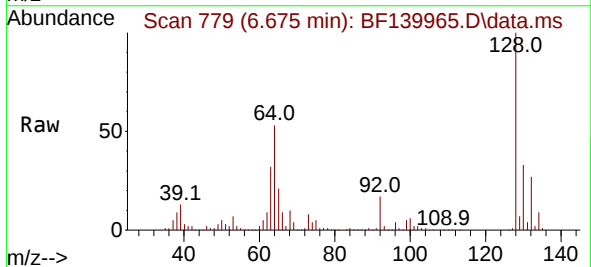
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ClientSampleId :
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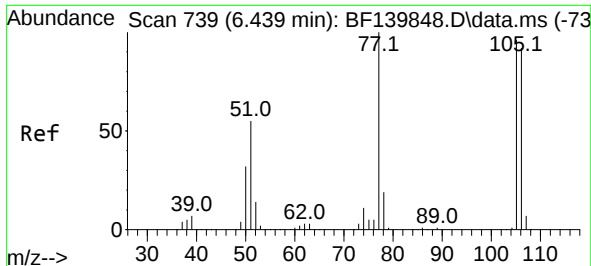
Tgt Ion: 99 Resp: 1009467
Ion Ratio Lower Upper
99 100
42 19.2 16.7 25.1
71 33.9 27.7 41.5



#8
2-Chlorophenol
Concen: 39.524 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion: 128 Resp: 412600
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 53.4 34.6 74.6

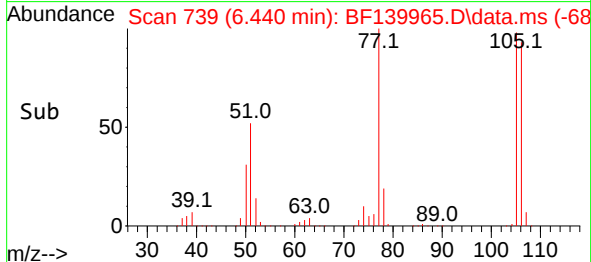
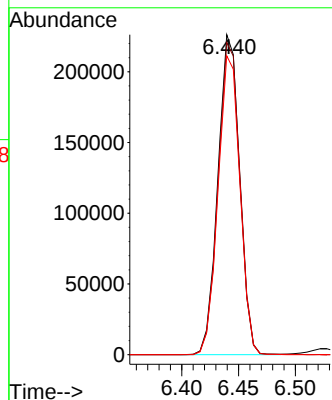
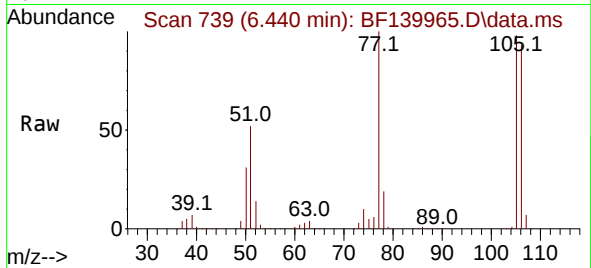




#9
Benzaldehyde
Concen: 40.347 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

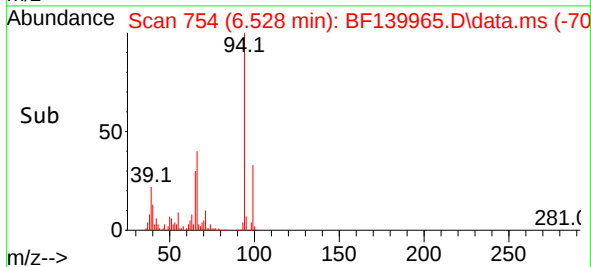
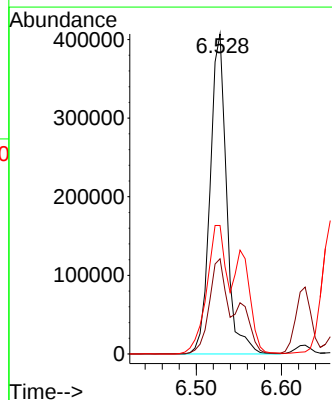
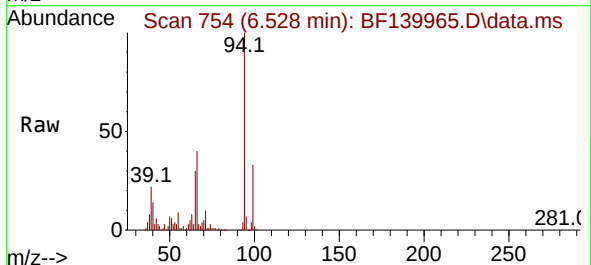
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 300182
Ion Ratio Lower Upper
77 100
105 97.5 75.5 115.5
106 93.4 71.7 111.7



#10
Phenol
Concen: 40.178 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion: 94 Resp: 547813
Ion Ratio Lower Upper
94 100
65 29.8 11.1 51.1
66 40.1 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 38.618 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

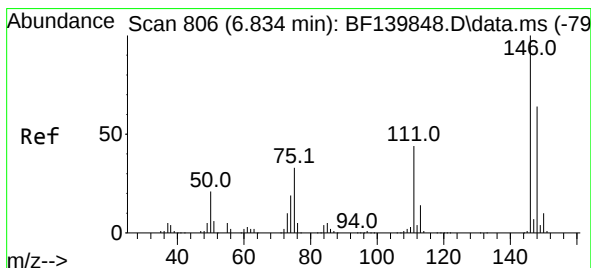
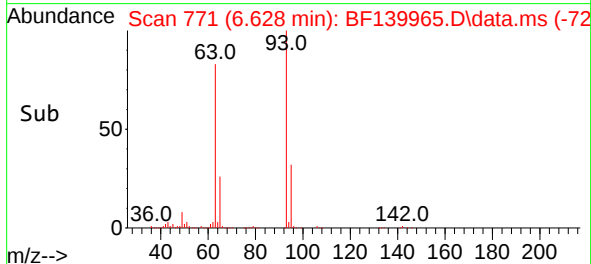
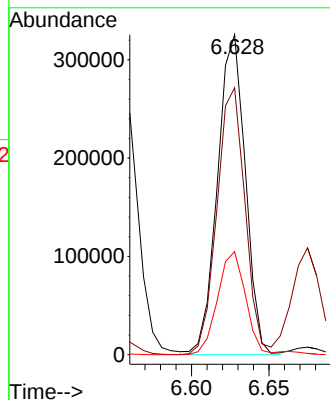
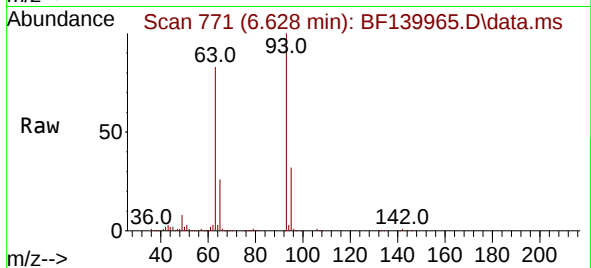
Tgt Ion: 93 Resp: 406978

Ion Ratio Lower Upper

93 100

63 83.4 65.0 105.0

95 32.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.402 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

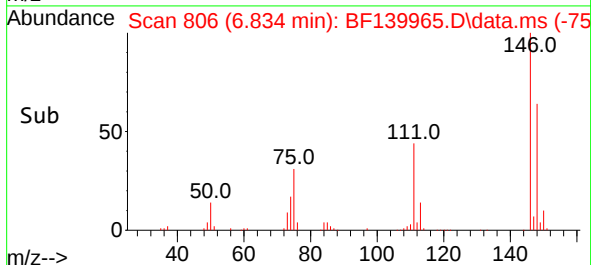
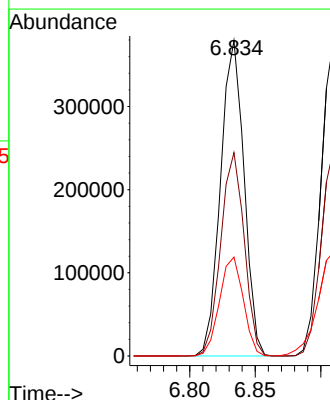
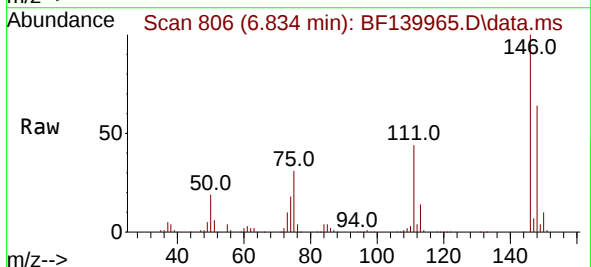
Tgt Ion: 146 Resp: 472163

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

75 31.3 26.4 39.6

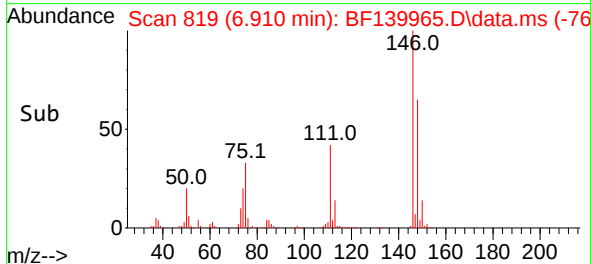
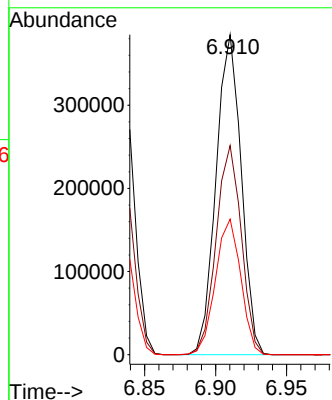
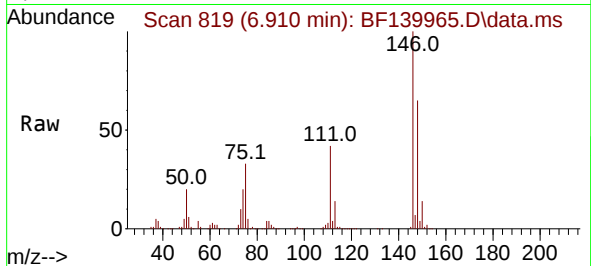




#13
1,4-Dichlorobenzene
Concen: 39.636 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

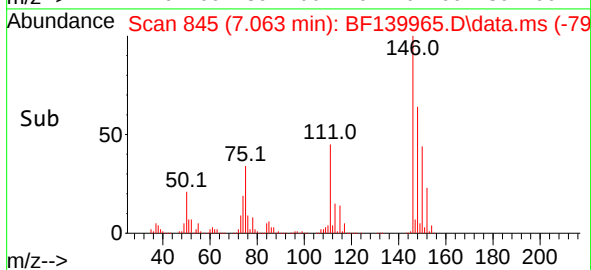
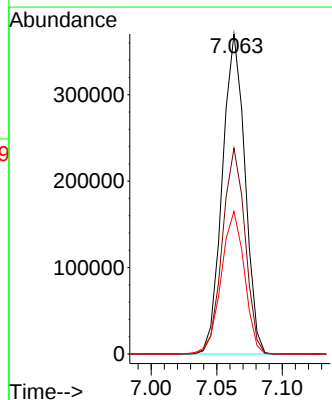
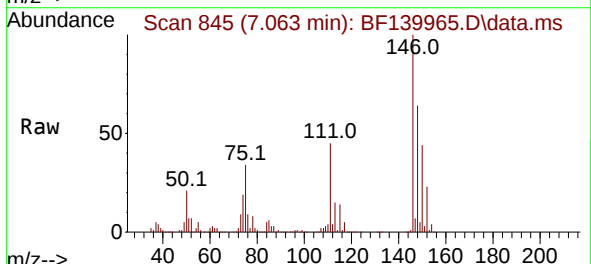
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 474523
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.8
111 42.4 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 39.574 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:146 Resp: 442180
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 44.6 36.7 55.1

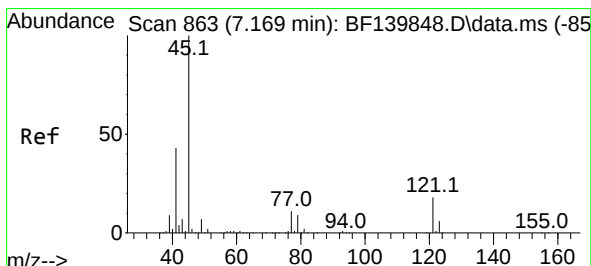
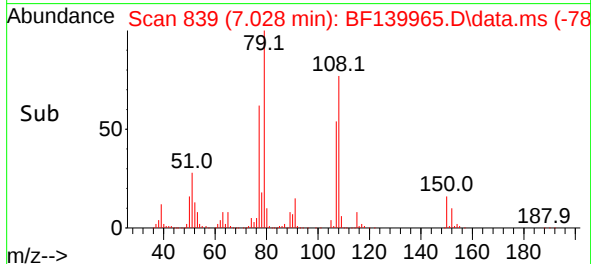
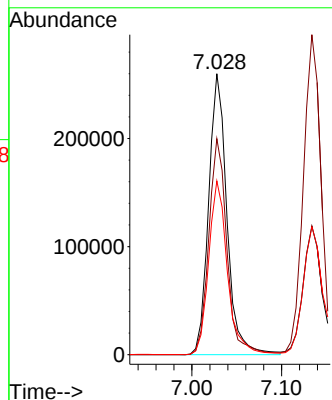
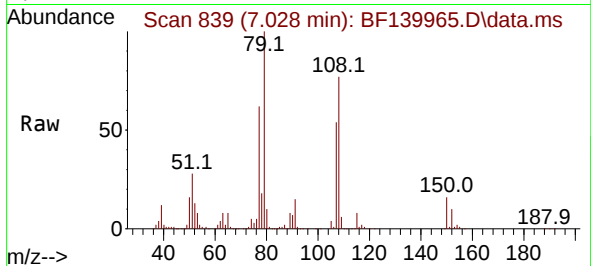




#15
Benzyl Alcohol
Concen: 37.910 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

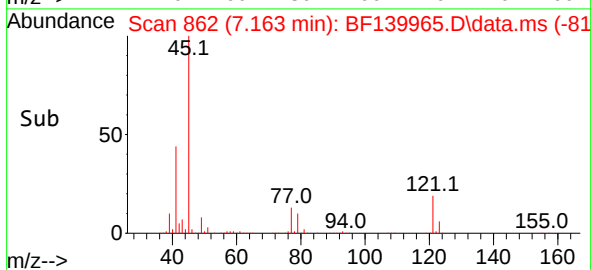
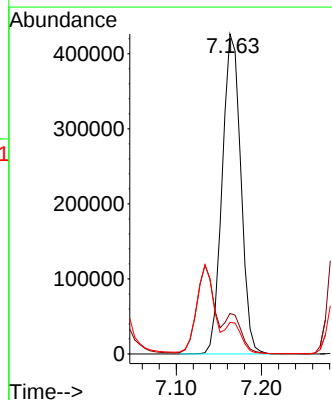
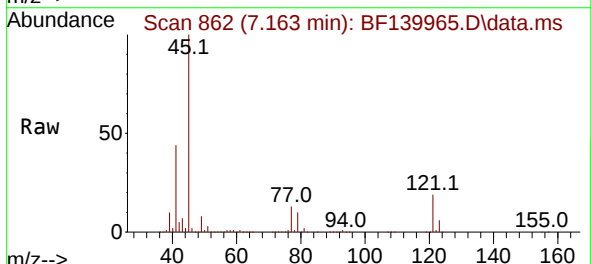
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 367781
Ion Ratio Lower Upper
79 100
108 76.9 61.4 92.0
77 61.9 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.911 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion: 45 Resp: 645310
Ion Ratio Lower Upper
45 100
77 12.7 0.0 31.5
79 9.8 0.0 29.1

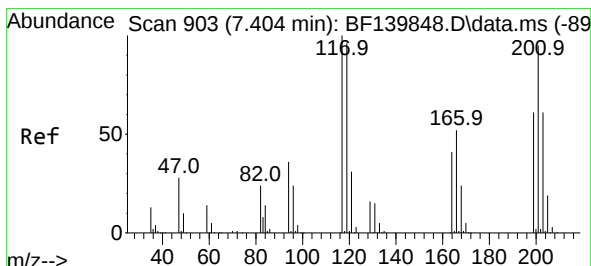
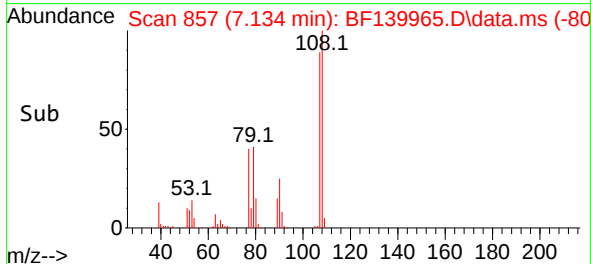
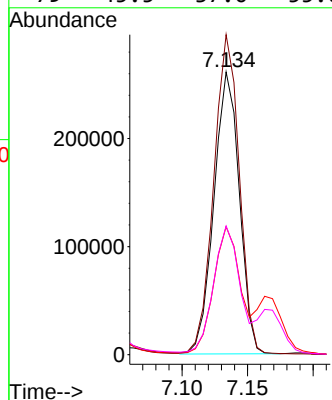
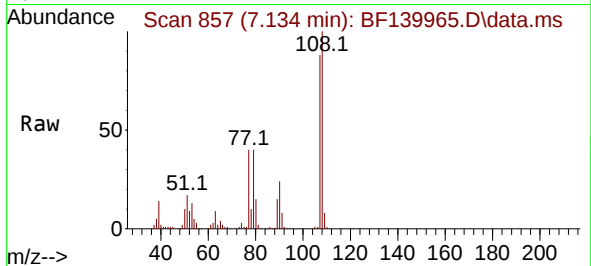




#17
2-Methylphenol
Concen: 39.467 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

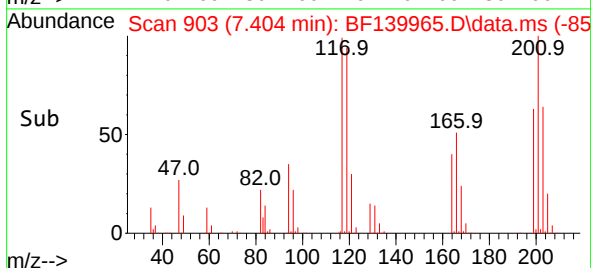
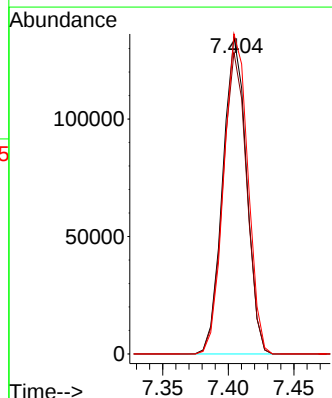
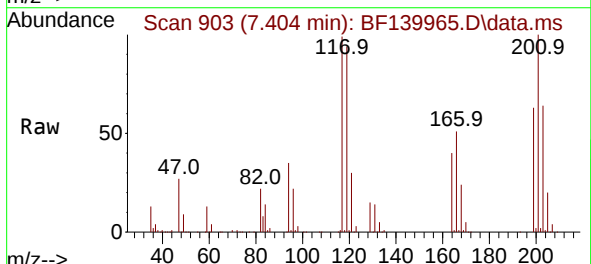
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

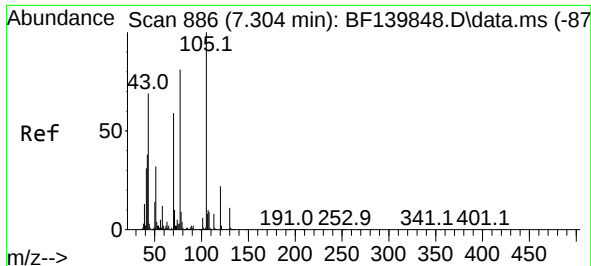
Tgt Ion:	107	Resp:	351315
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.3	136.9
77	45.3	37.1	55.7
79	45.5	37.0	55.6



#18
Hexachloroethane
Concen: 39.670 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:	117	Resp:	169360
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.0	115.4
201	100.8	76.2	114.4



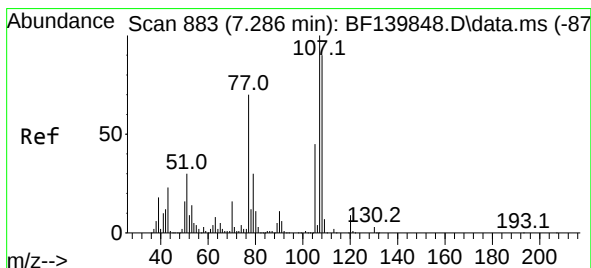
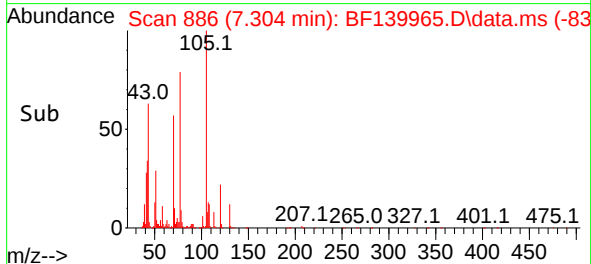
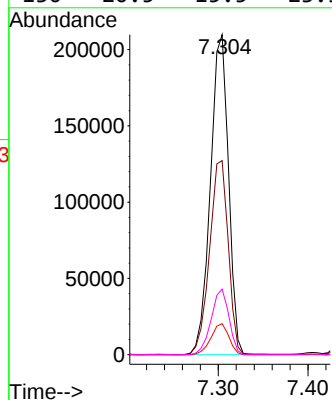
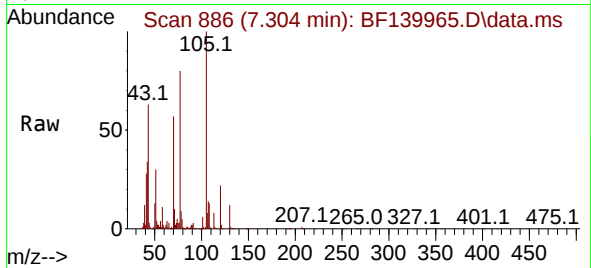


#19
n-Nitroso-di-n-propylamine
Concen: 36.609 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 293648

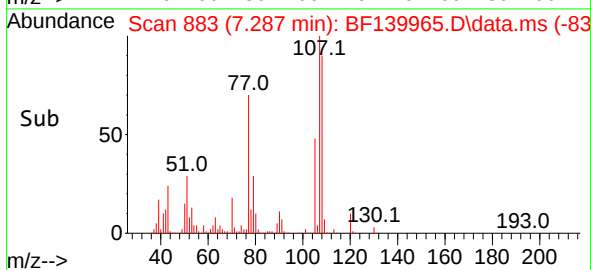
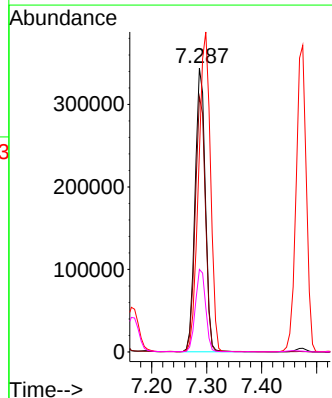
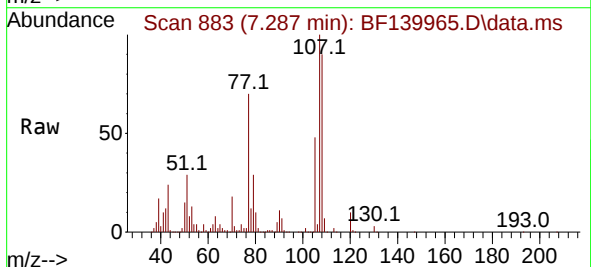
Ion	Ratio	Lower	Upper
70	100		
42	60.6	51.5	77.3
101	9.7	7.5	11.3
130	20.5	15.5	23.3



#20
3+4-Methylphenols
Concen: 38.982 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion: 107 Resp: 443838

Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.8	109.8
77	70.4	50.5	90.5
79	29.1	10.2	50.2



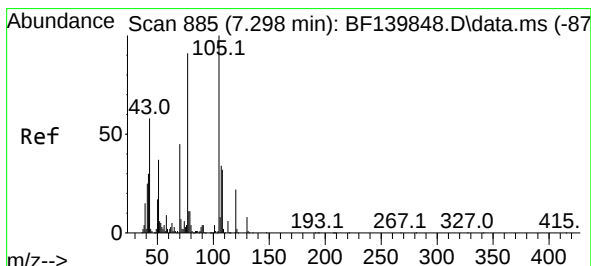
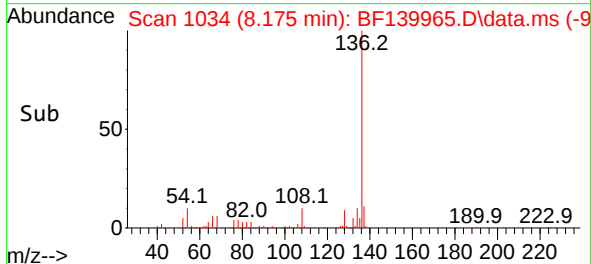
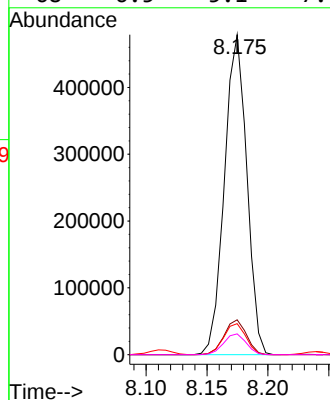
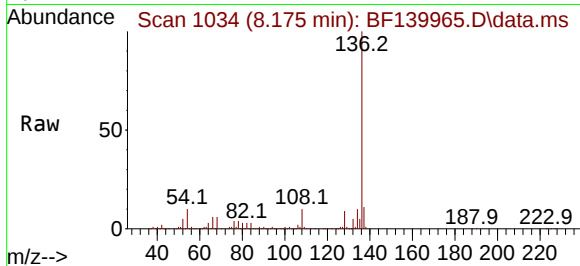


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 611382

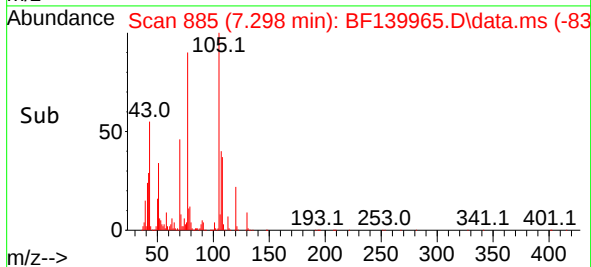
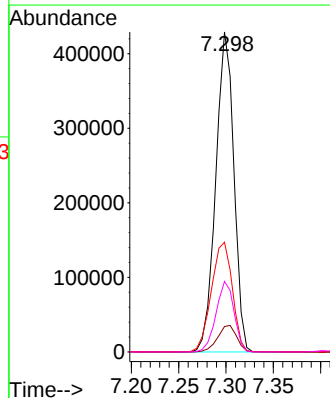
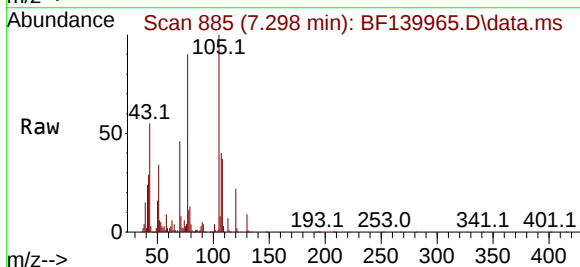
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.7	8.4	12.6
68	6.5	5.1	7.7

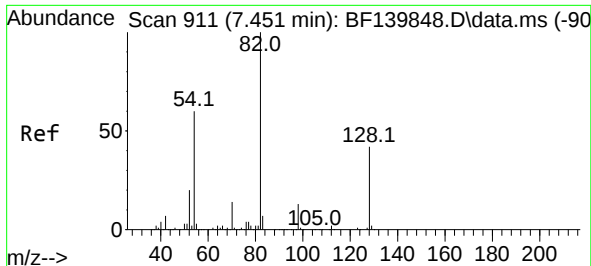


#22
Acetophenone
Concen: 38.152 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:105 Resp: 571315

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.9	8.9
51	34.3	29.4	44.2
120	22.0	17.5	26.3





#23

Nitrobenzene-d5

Concen: 82.113 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

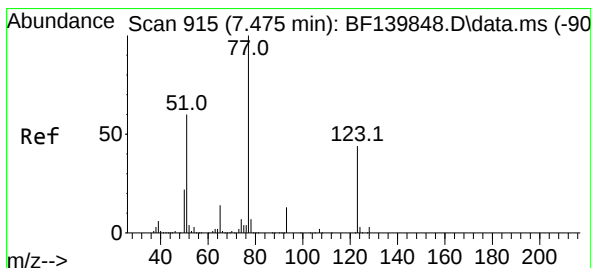
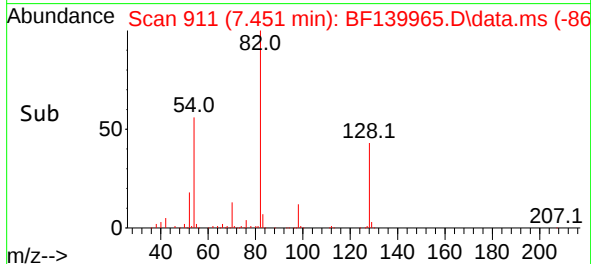
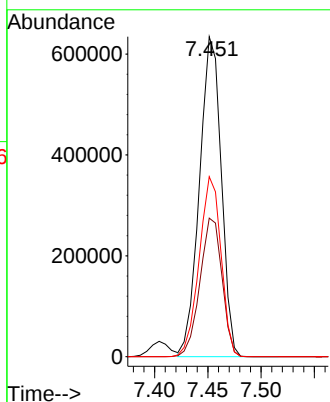
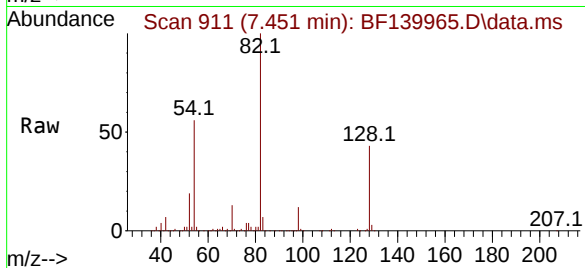
Tgt Ion: 82 Resp: 905794

Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.0

54 56.2 47.8 71.8



#24

Nitrobenzene

Concen: 39.545 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

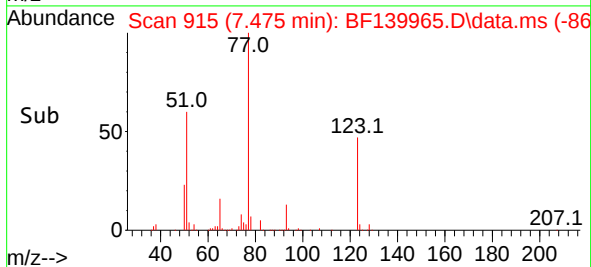
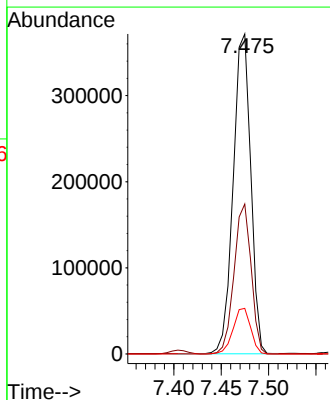
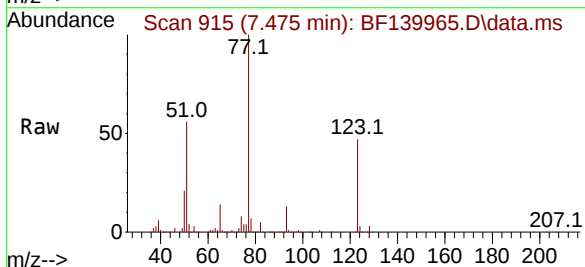
Tgt Ion: 77 Resp: 478277

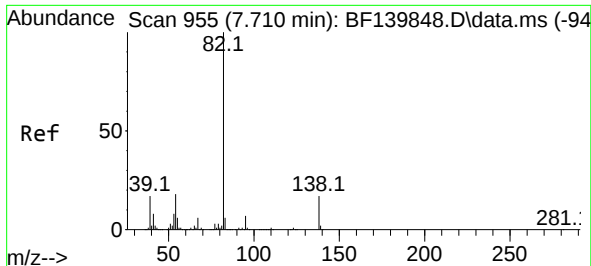
Ion Ratio Lower Upper

77 100

123 46.8 35.7 53.5

65 14.3 11.5 17.3

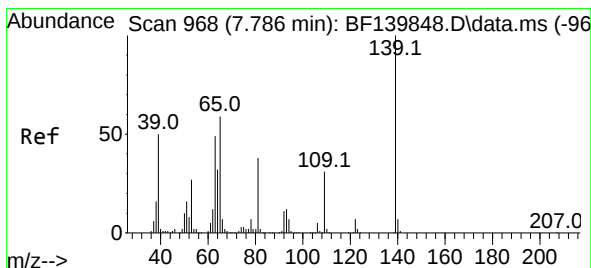
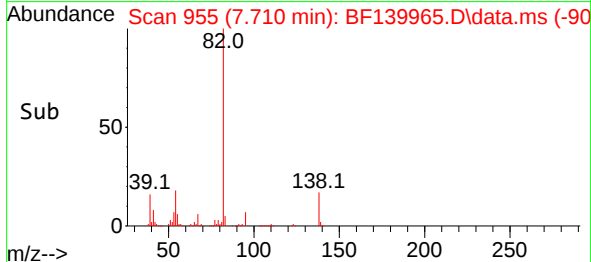
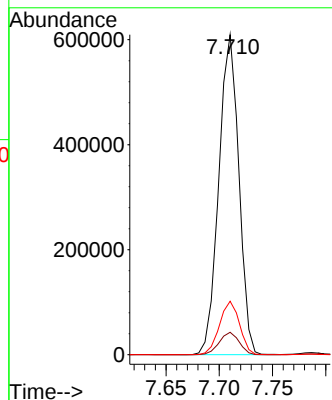
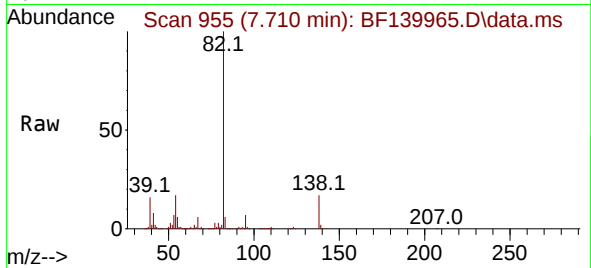




#25
Isophorone
Concen: 37.995 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

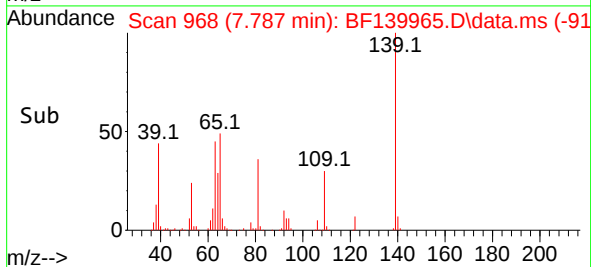
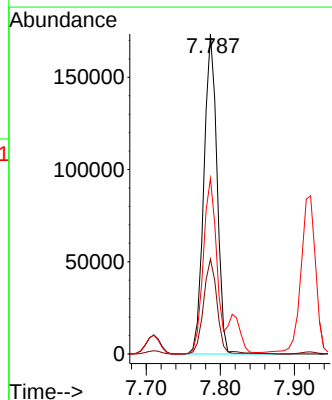
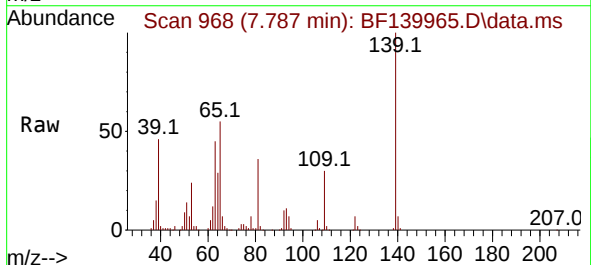
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 795494
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.7 13.2 19.8



#26
2-Nitrophenol
Concen: 46.836 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:139 Resp: 213698
Ion Ratio Lower Upper
139 100
109 29.7 25.1 37.7
65 54.9 47.5 71.3

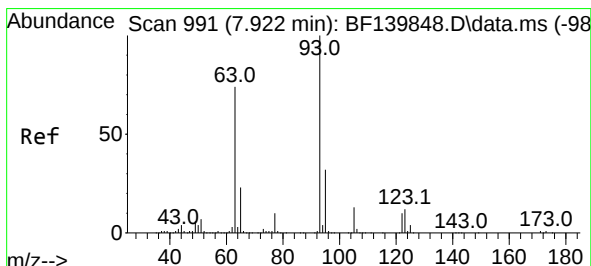
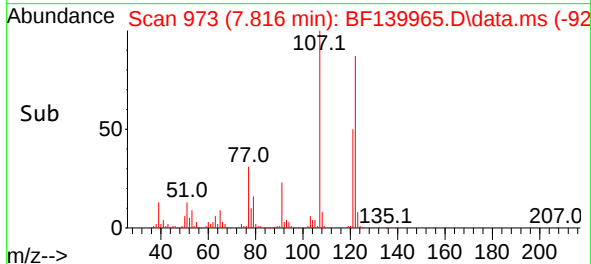
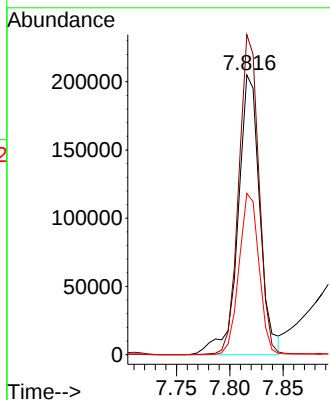
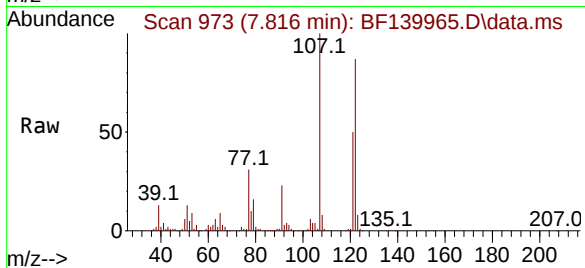




#27
2,4-Dimethylphenol
Concen: 38.382 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

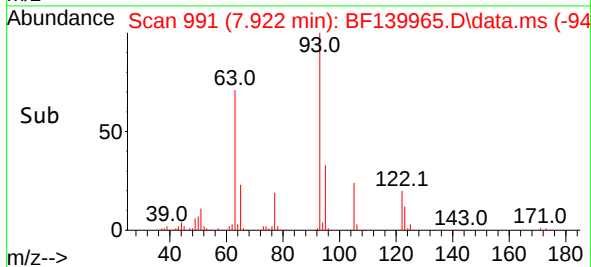
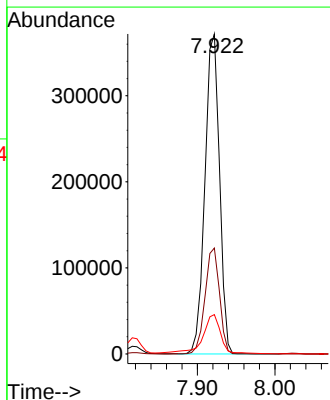
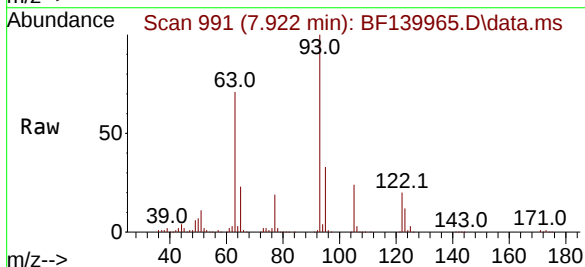
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 292012
Ion Ratio Lower Upper
122 100
107 114.4 91.9 137.9
121 57.7 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.252 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion: 93 Resp: 485228
Ion Ratio Lower Upper
93 100
95 33.1 26.0 39.0
123 12.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 39.971 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

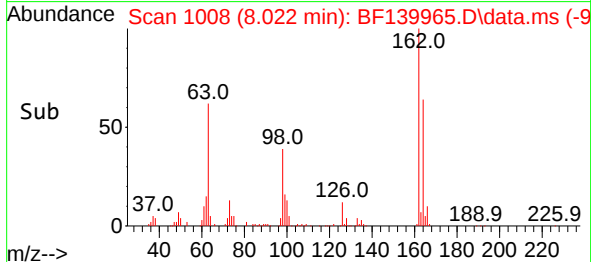
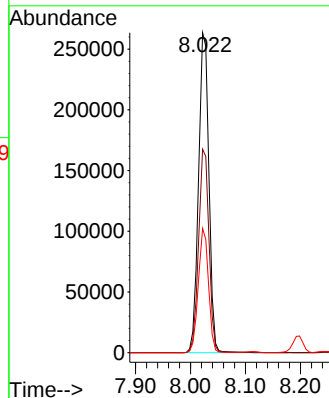
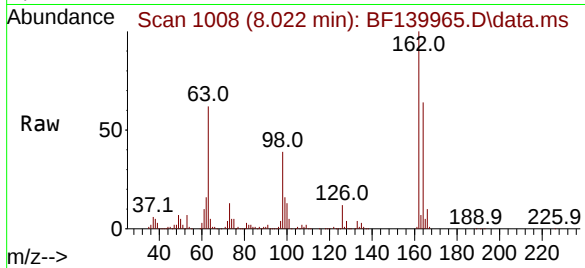
Tgt Ion:162 Resp: 346373

Ion Ratio Lower Upper

162 100

164 63.6 43.9 83.9

98 38.9 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 39.591 ng

RT: 8.116 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

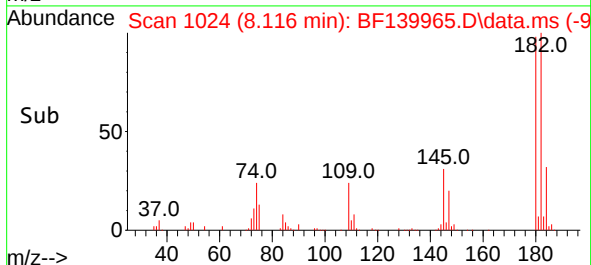
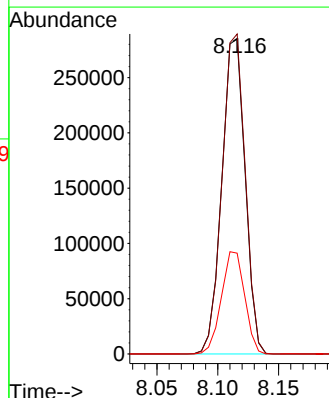
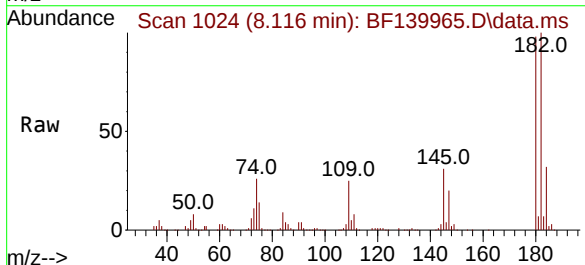
Tgt Ion:180 Resp: 379629

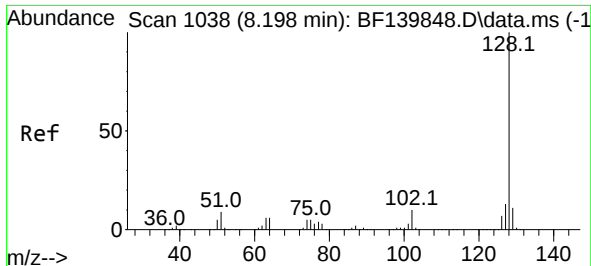
Ion Ratio Lower Upper

180 100

182 101.5 80.5 120.7

145 32.0 25.4 38.0

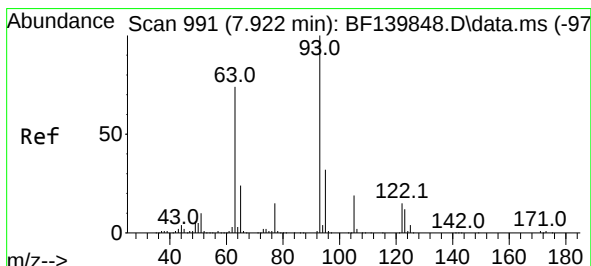
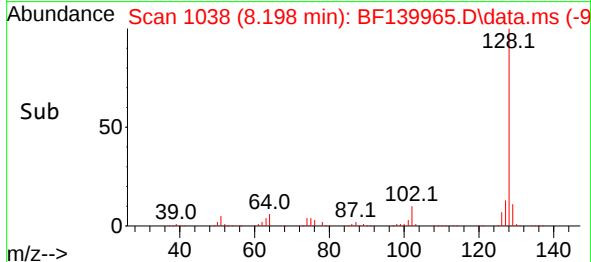
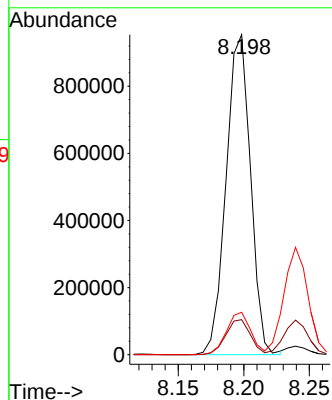
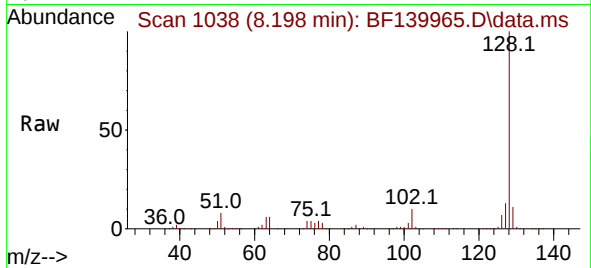




#31
Naphthalene
Concen: 39.208 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

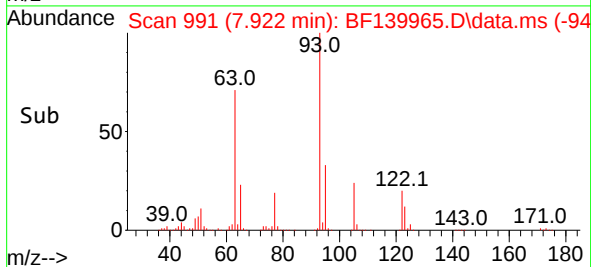
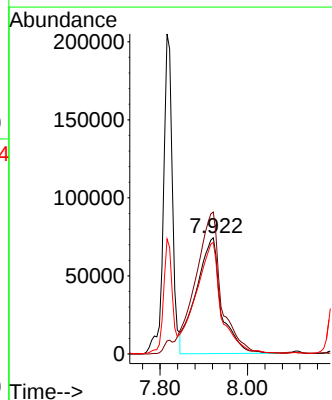
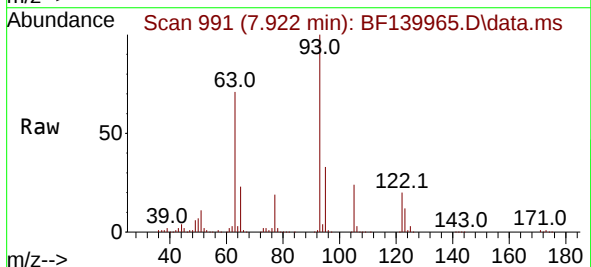
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1236297
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 44.497 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:122 Resp: 295264
Ion Ratio Lower Upper
122 100
105 122.2 107.6 147.6
77 96.0 80.2 120.2

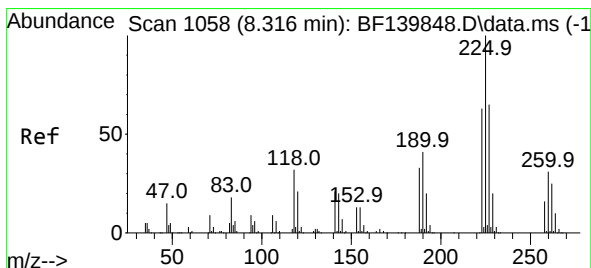
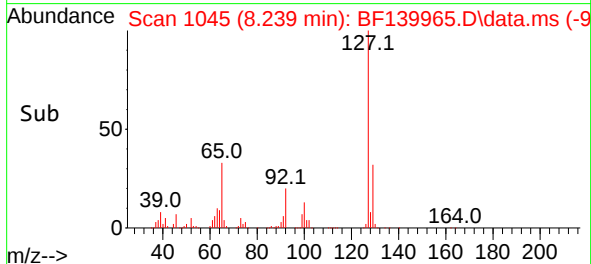
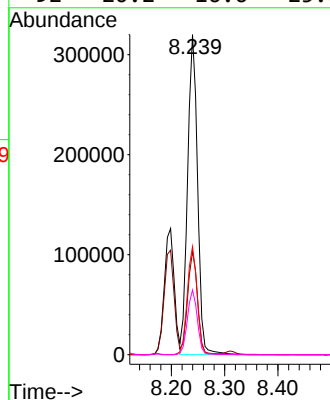
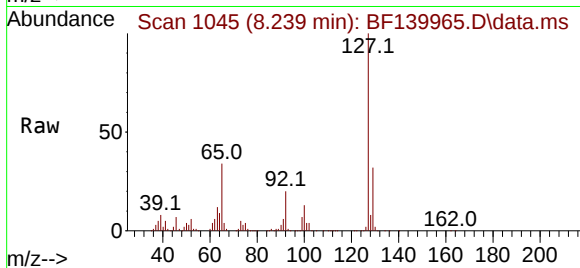




#33
4-Chloroaniline
Concen: 38.637 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

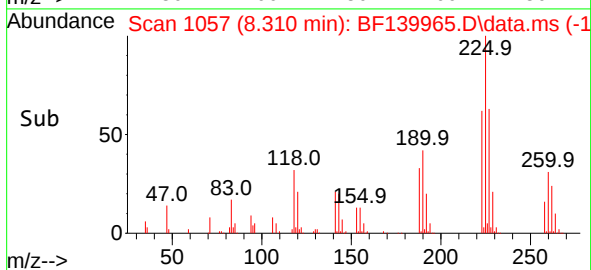
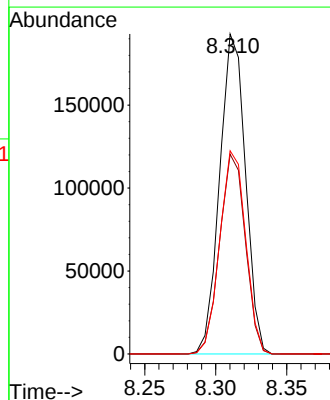
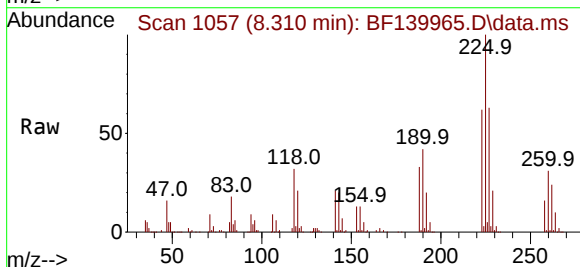
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

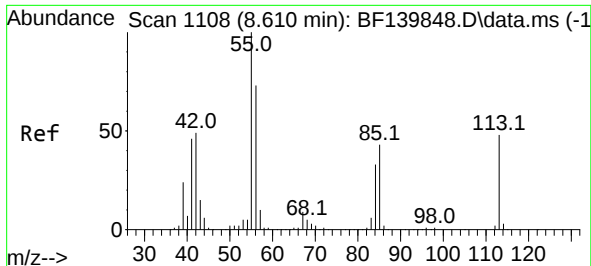
Tgt Ion:	127	Resp:	415421
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	33.8	28.4	42.6
92	20.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.436 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:	225	Resp:	243614
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	63.5	51.8	77.8

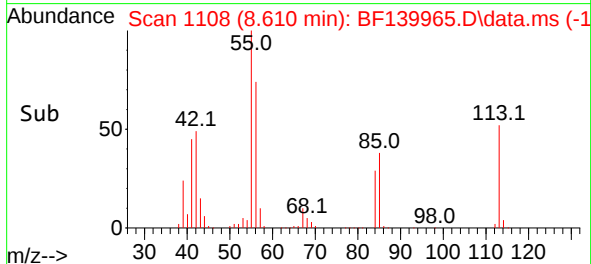
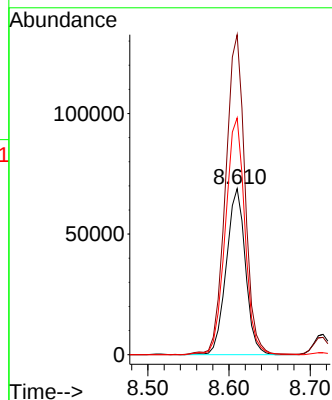
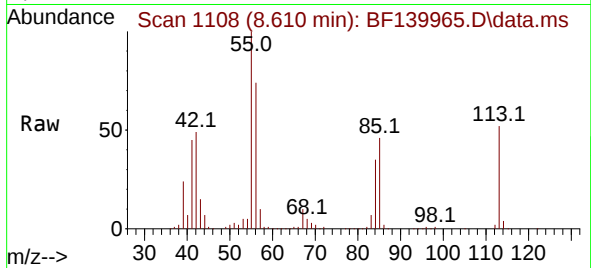




#35
 Caprolactam
 Concen: 40.942 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF139965.D
 Acq: 23 Oct 2024 15:30

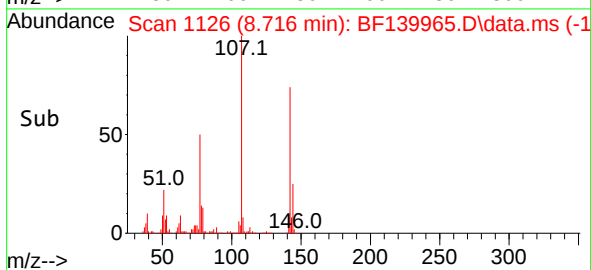
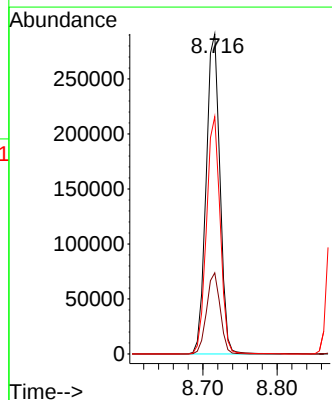
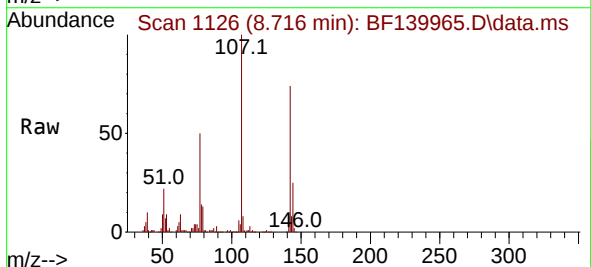
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

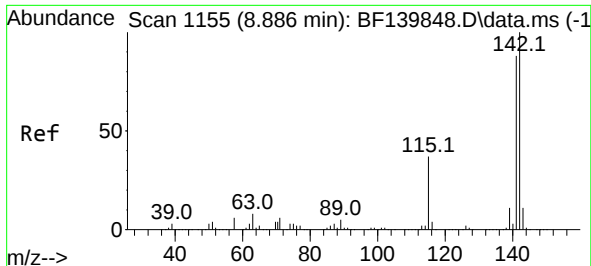
Tgt Ion:113 Resp: 112811
 Ion Ratio Lower Upper
 113 100
 55 192.6 189.2 229.2
 56 142.5 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 39.260 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139965.D
 Acq: 23 Oct 2024 15:30

Tgt Ion:107 Resp: 376721
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.1 28.7
 142 74.2 57.2 85.8





#37

2-Methylnaphthalene

Concen: 39.114 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

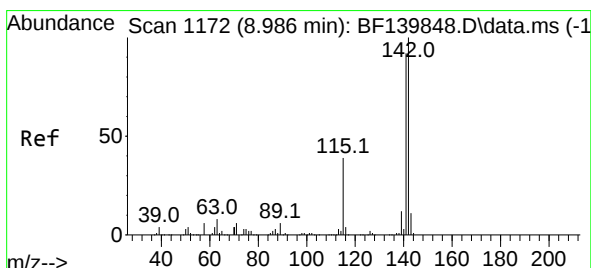
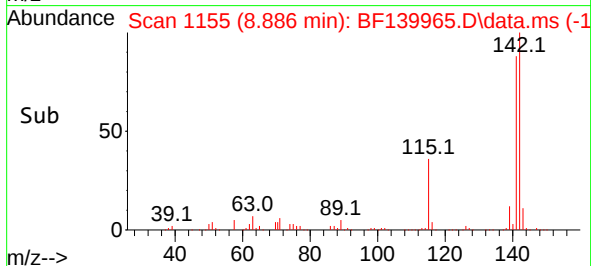
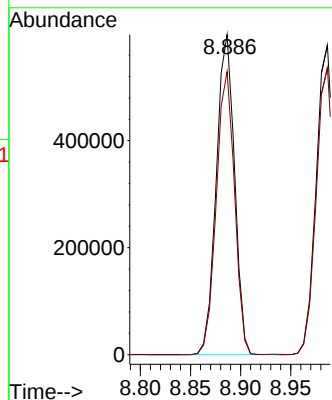
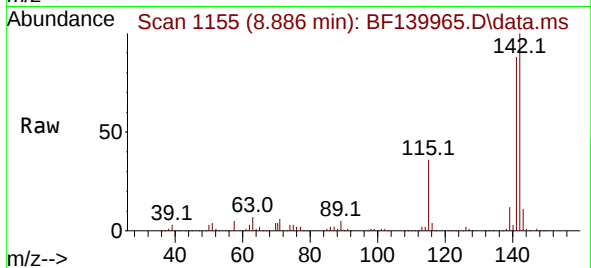
SSTDCCC040

Tgt Ion:142 Resp: 755327

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2



#38

1-Methylnaphthalene

Concen: 38.841 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139965.D

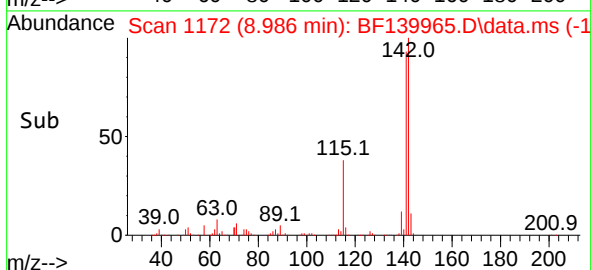
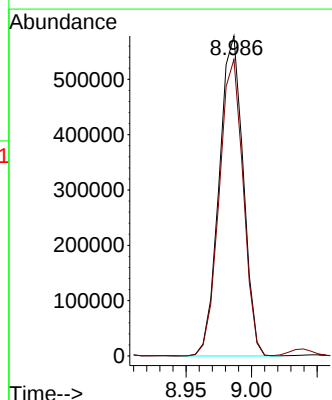
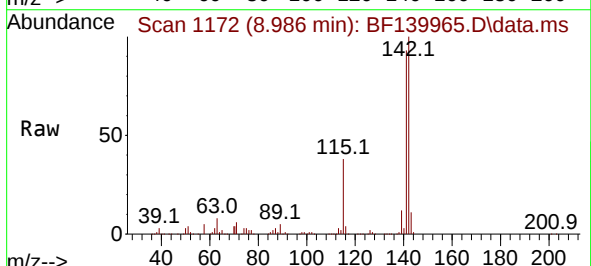
Acq: 23 Oct 2024 15:30

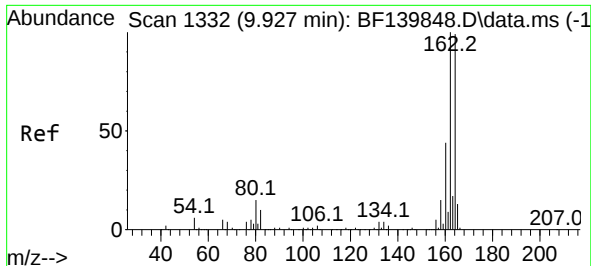
Tgt Ion:142 Resp: 735901

Ion Ratio Lower Upper

142 100

141 92.7 73.5 110.3

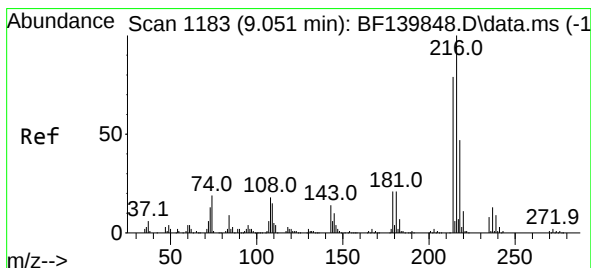
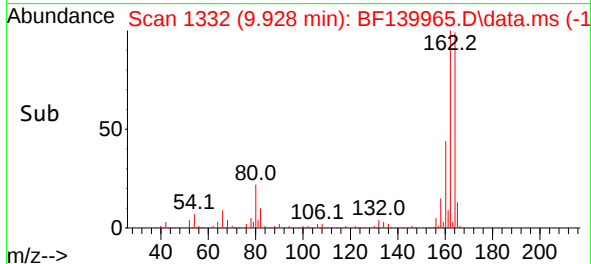
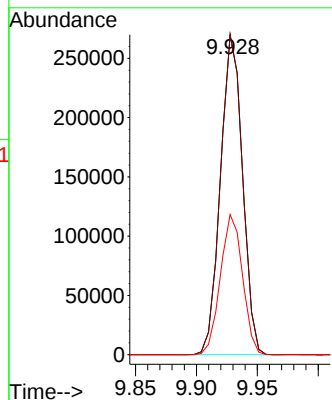
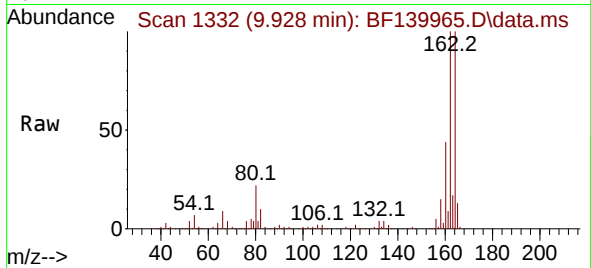




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

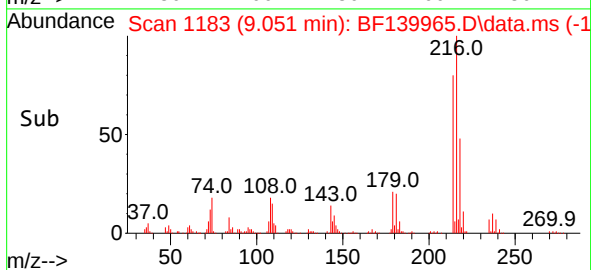
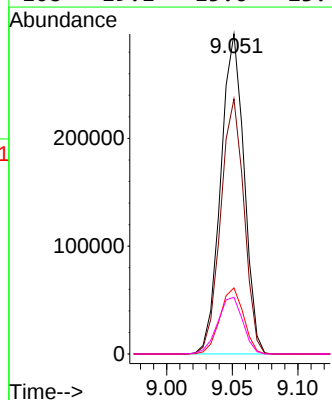
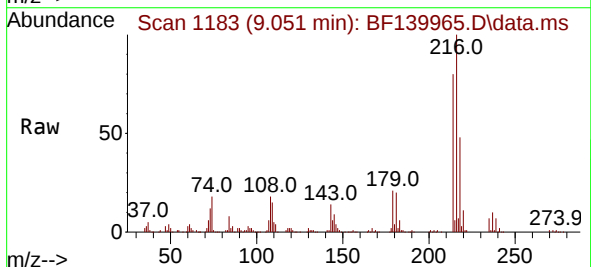
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

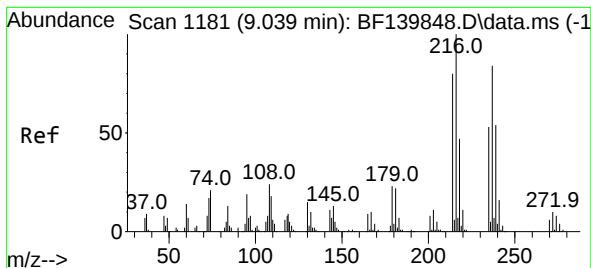
Tgt Ion:164 Resp: 340124
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 43.8 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.047 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:216 Resp: 367476
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.0
179 20.9 17.2 25.8
108 19.1 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 41.044 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

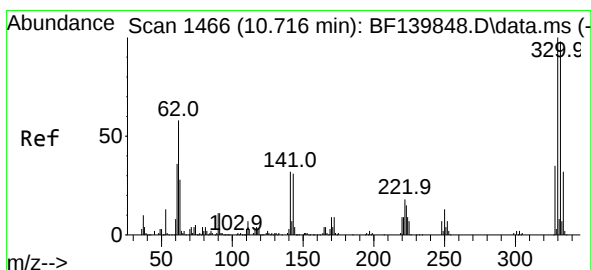
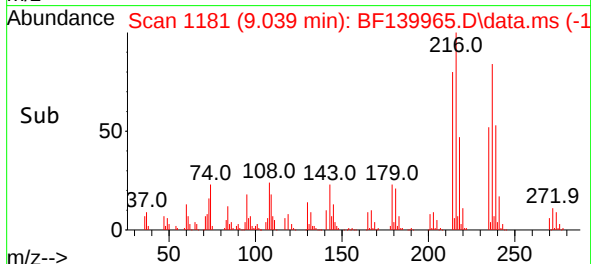
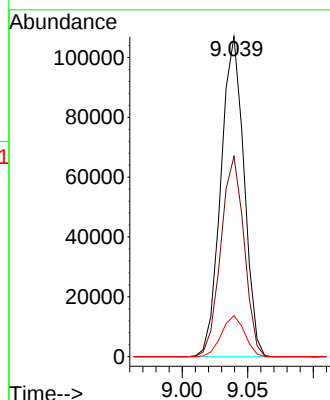
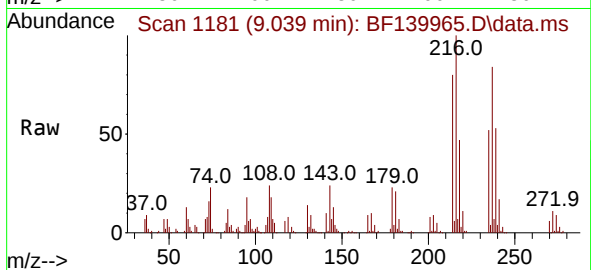
Tgt Ion:237 Resp: 131046

Ion Ratio Lower Upper

237 100

235 62.6 42.9 82.9

272 12.8 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 87.444 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

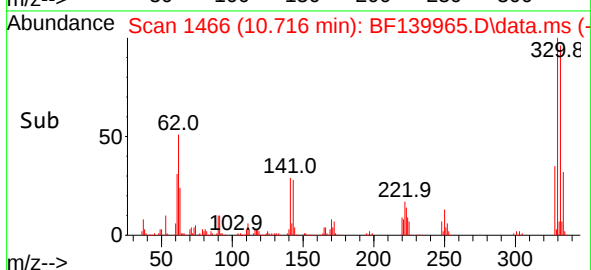
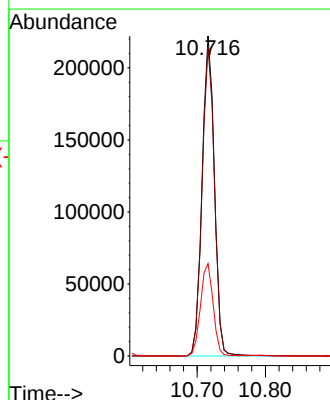
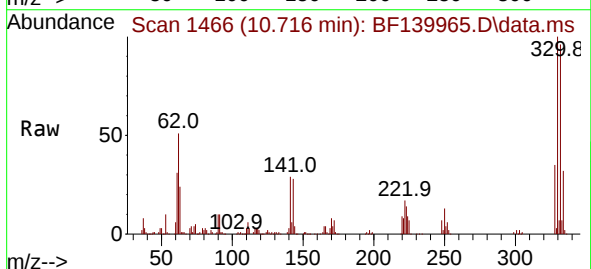
Tgt Ion:330 Resp: 278197

Ion Ratio Lower Upper

330 100

332 96.9 78.1 117.1

141 29.7 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 39.893 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

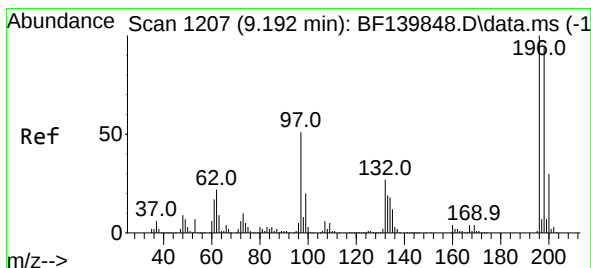
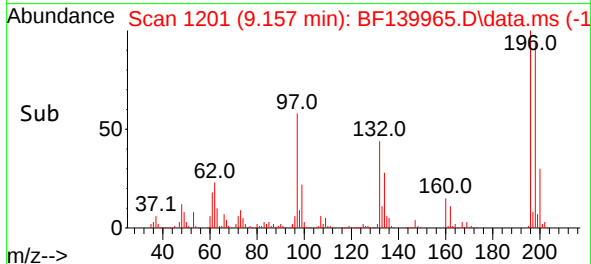
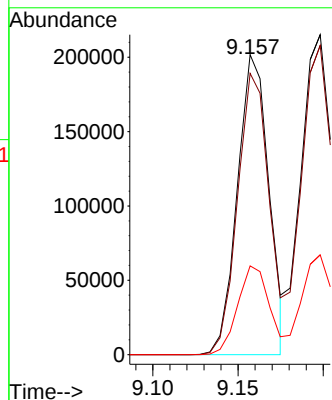
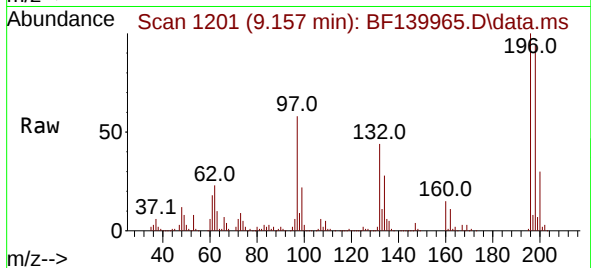
Tgt Ion:196 Resp: 259164

Ion Ratio Lower Upper

196 100

198 93.8 76.2 114.2

200 29.6 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 42.132 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Tgt Ion:196 Resp: 282398

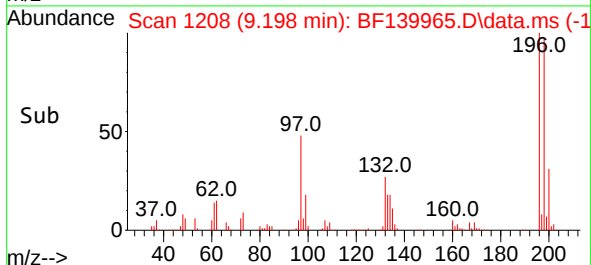
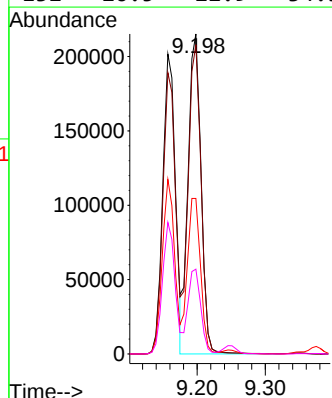
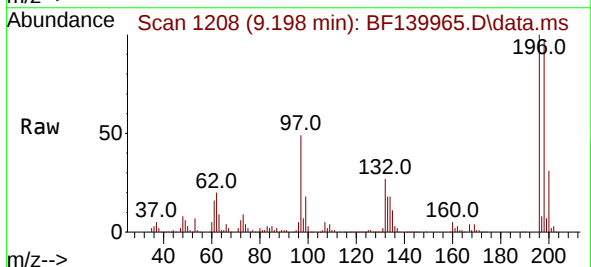
Ion Ratio Lower Upper

196 100

198 96.6 75.8 113.6

97 48.6 41.8 62.6

132 26.5 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 77.274 ng

RT: 9.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

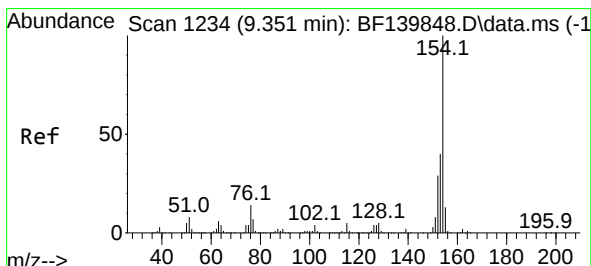
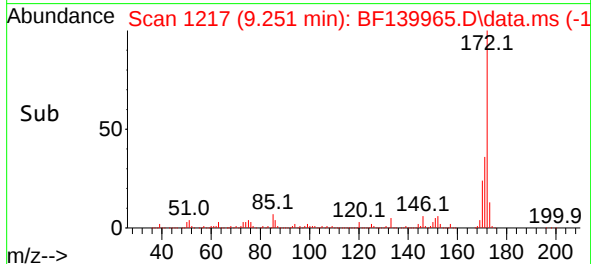
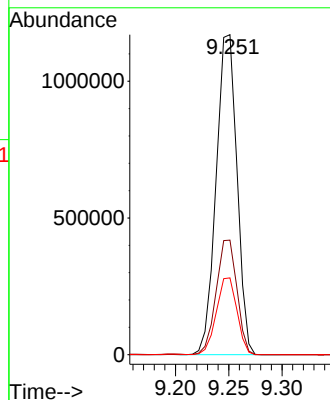
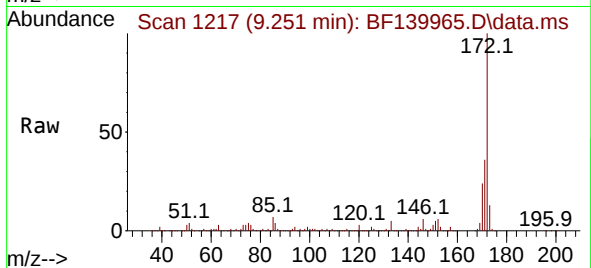
Tgt Ion:172 Resp: 1590284

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 38.820 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

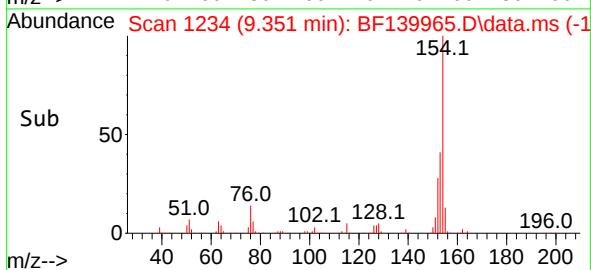
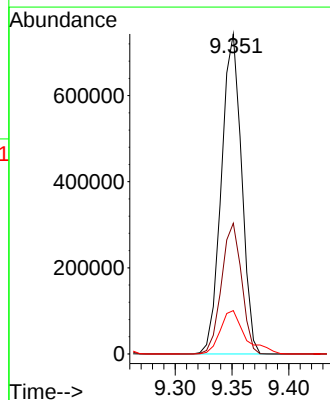
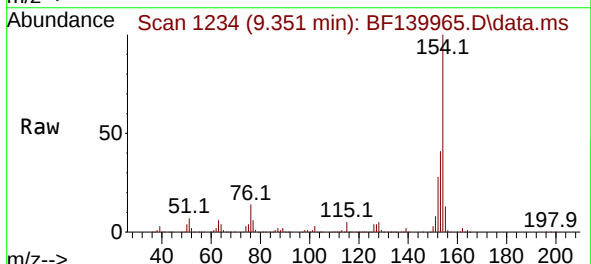
Tgt Ion:154 Resp: 919167

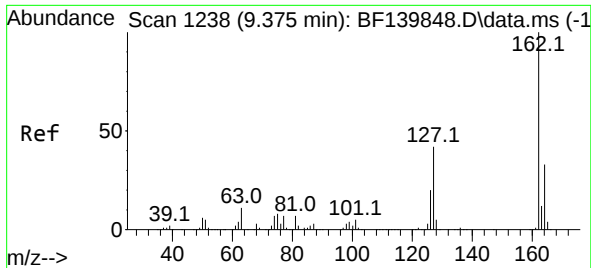
Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

76 13.5 0.0 33.9

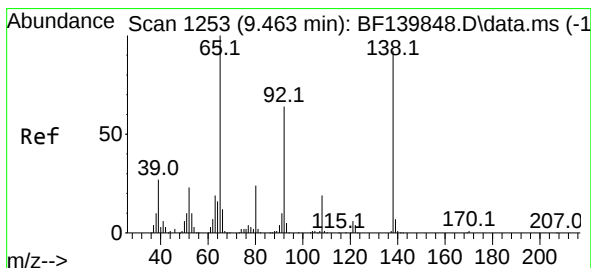
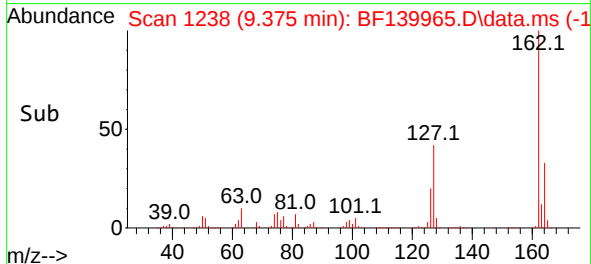
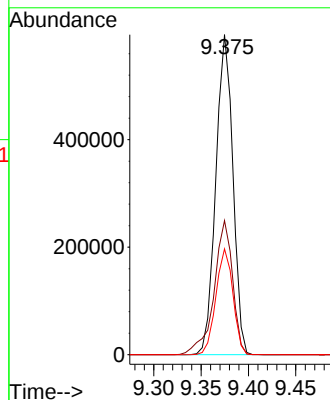
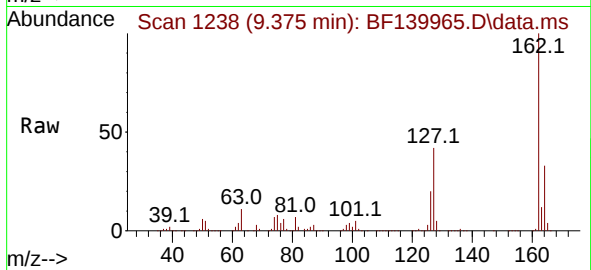




#47
2-Chloronaphthalene
Concen: 39.125 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

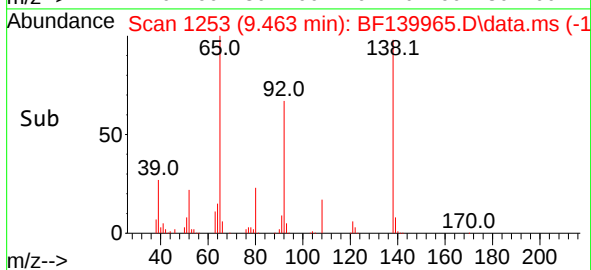
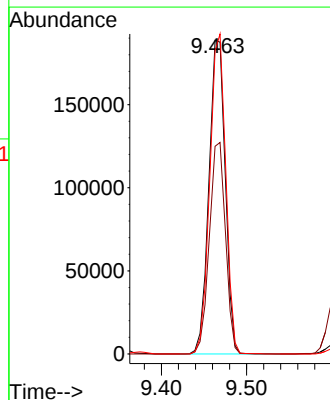
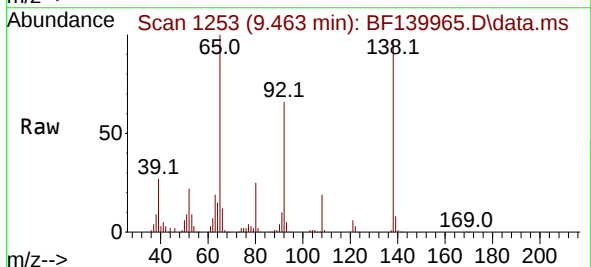
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 746122
Ion Ratio Lower Upper
162 100
127 41.9 33.8 50.6
164 33.0 26.6 39.8



#48
2-Nitroaniline
Concen: 43.073 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion: 65 Resp: 251224
Ion Ratio Lower Upper
65 100
92 66.2 50.9 76.3
138 96.6 73.4 110.0





#49

Acenaphthylene

Concen: 39.178 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

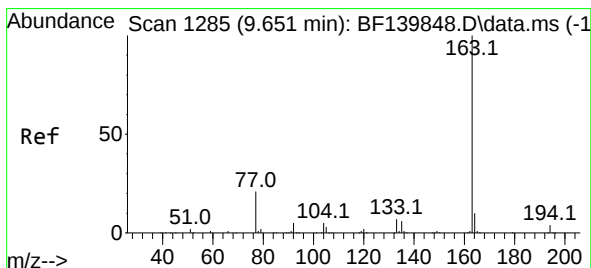
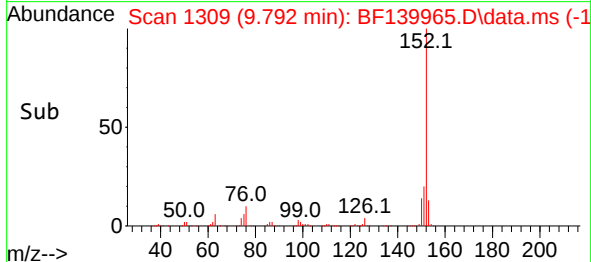
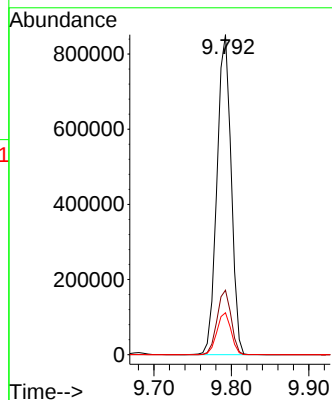
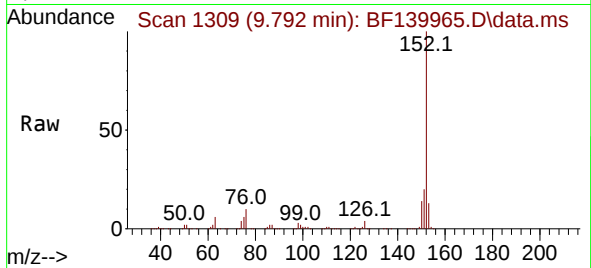
Tgt Ion:152 Resp: 1080134

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.1 10.7 16.1



#50

Dimethylphthalate

Concen: 39.360 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

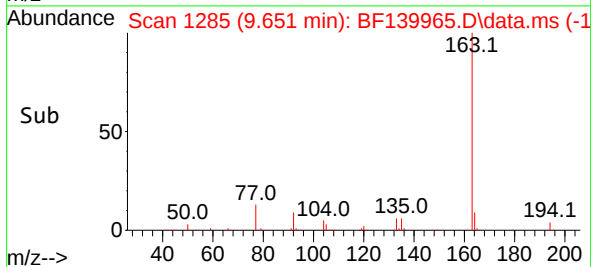
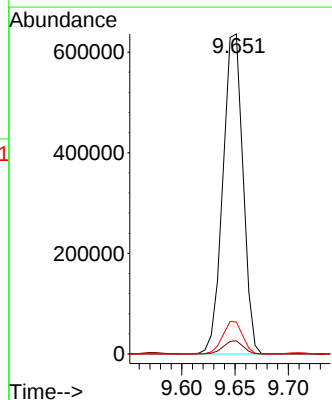
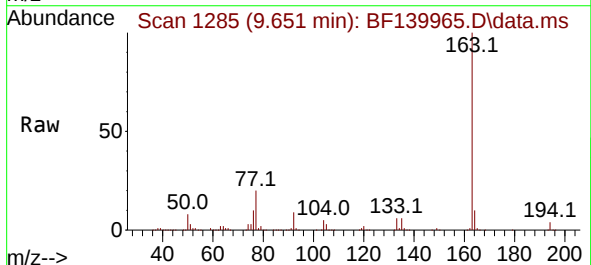
Tgt Ion:163 Resp: 833862

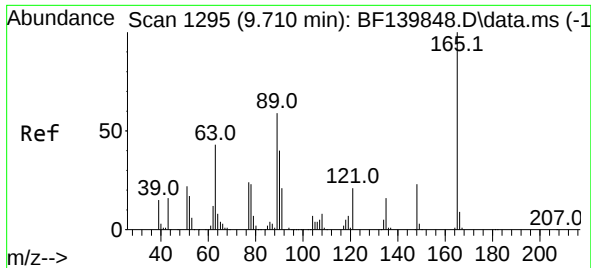
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.0 8.2 12.2

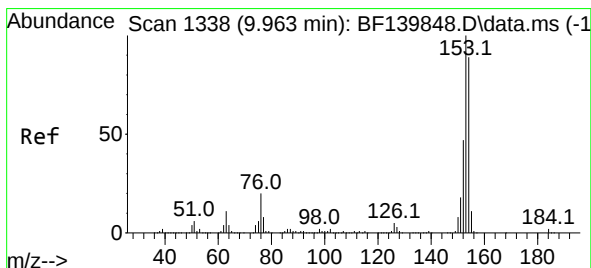
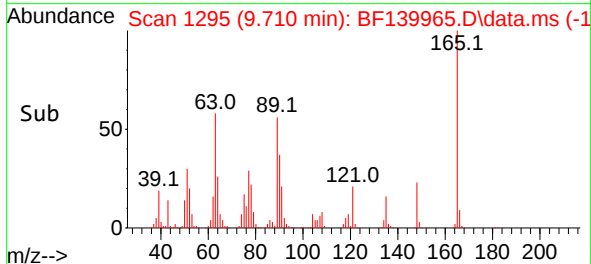
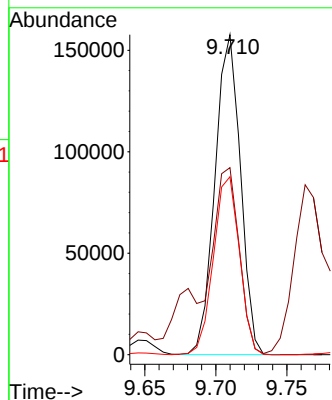
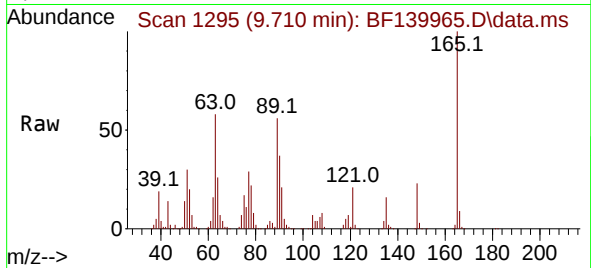




#51
2,6-Dinitrotoluene
Concen: 42.888 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

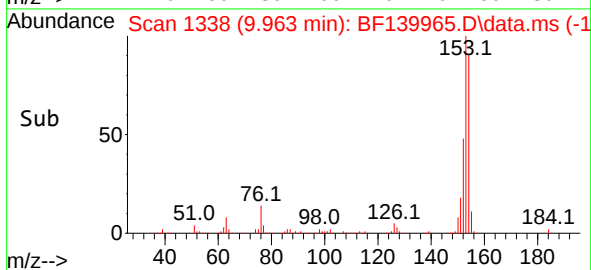
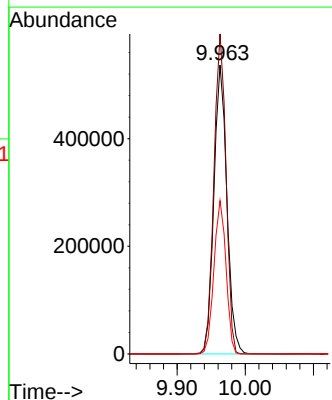
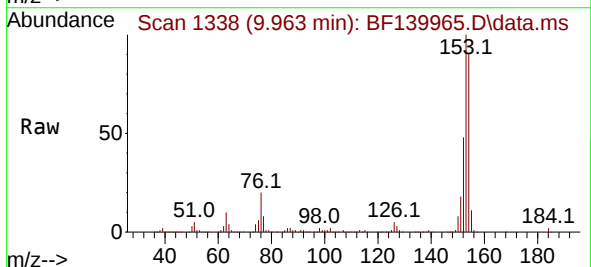
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

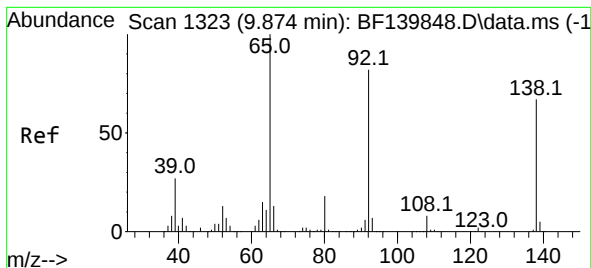
Tgt Ion:165 Resp: 196730
Ion Ratio Lower Upper
165 100
63 58.4 50.6 75.8
89 55.6 47.5 71.3



#52
Acenaphthene
Concen: 40.088 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:154 Resp: 714969
Ion Ratio Lower Upper
154 100
153 110.8 89.8 134.6
152 53.1 42.4 63.6





#53

3-Nitroaniline

Concen: 41.975 ng

RT: 9.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

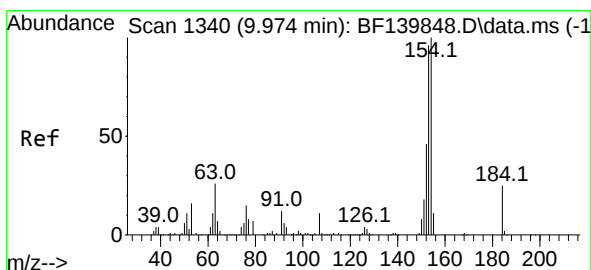
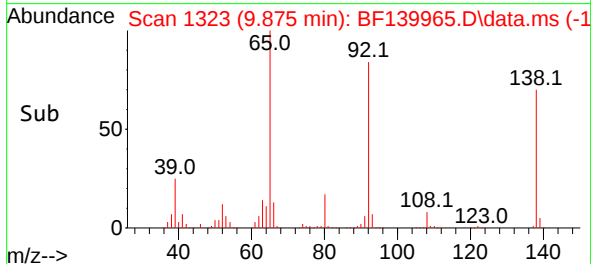
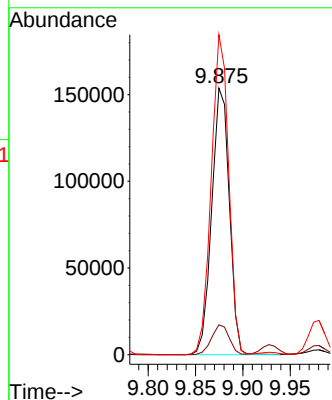
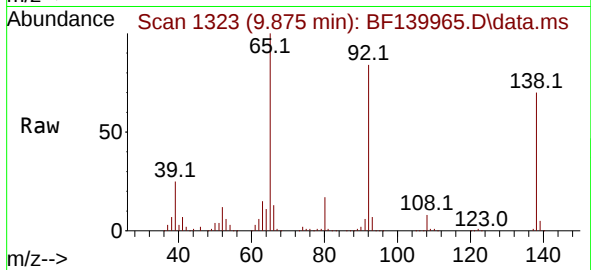
Tgt Ion:138 Resp: 198559

Ion Ratio Lower Upper

138 100

108 11.3 10.2 15.2

92 120.1 98.3 147.5



#54

2,4-Dinitrophenol

Concen: 52.057 ng

RT: 9.981 min Scan# 1341

Delta R.T. 0.007 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

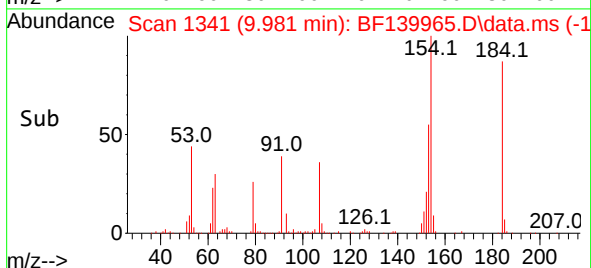
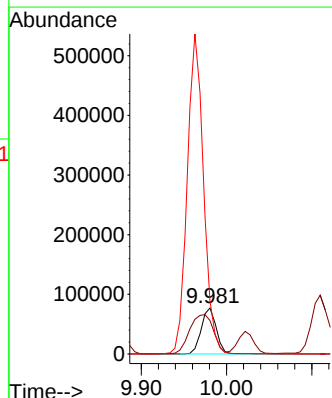
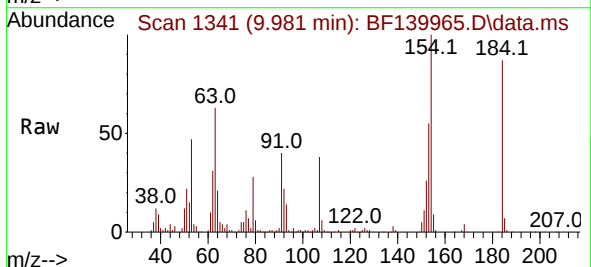
Tgt Ion:184 Resp: 94482

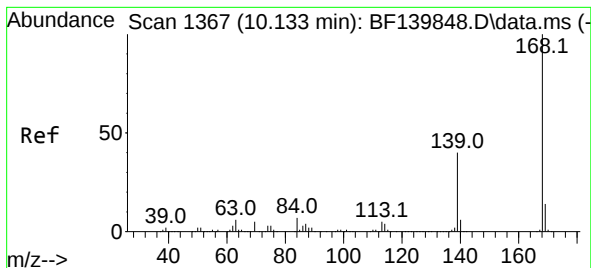
Ion Ratio Lower Upper

184 100

63 72.8 84.7 127.1#

154 115.3 338.2 507.2#





#55

Dibenzenofuran

Concen: 38.748 ng

RT: 10.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

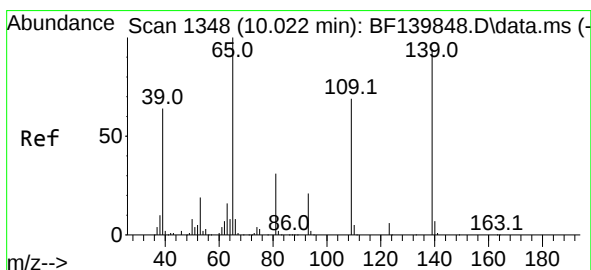
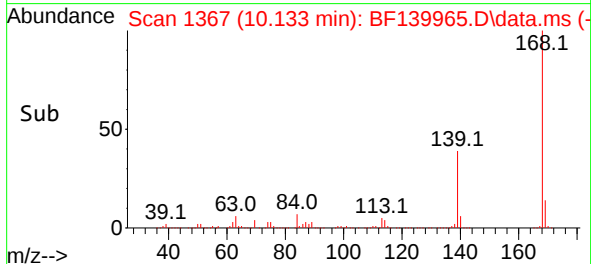
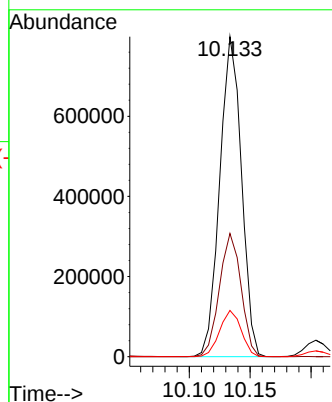
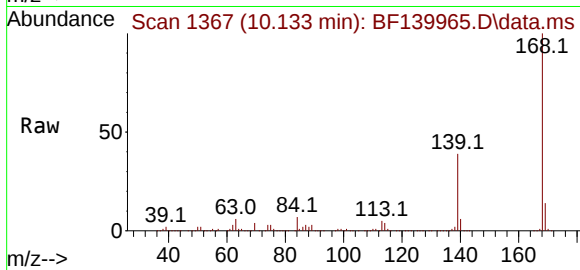
Tgt Ion:168 Resp: 991506

Ion Ratio Lower Upper

168 100

139 38.5 31.8 47.6

169 14.5 11.6 17.4



#56

4-Nitrophenol

Concen: 42.690 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

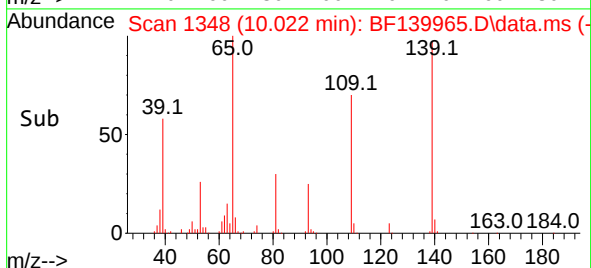
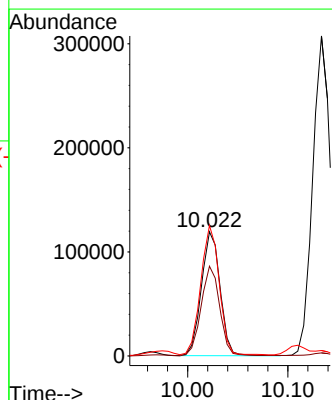
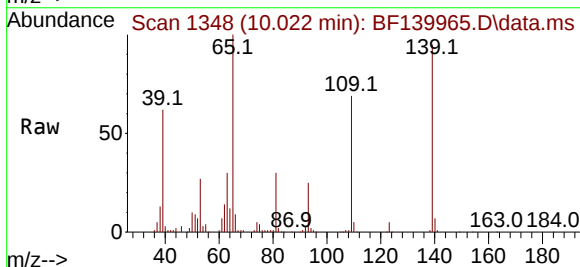
Tgt Ion:139 Resp: 155364

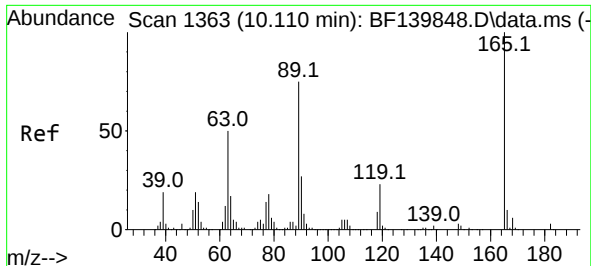
Ion Ratio Lower Upper

139 100

109 72.3 53.6 93.6

65 105.2 87.8 127.8

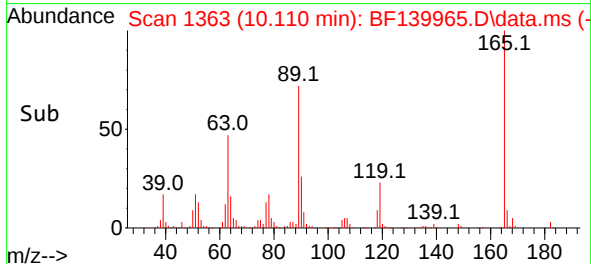
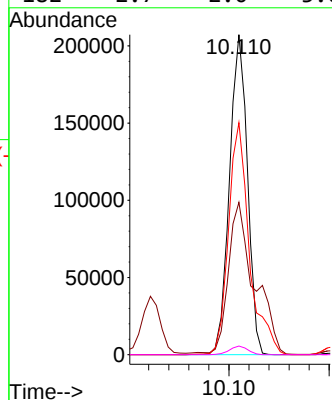
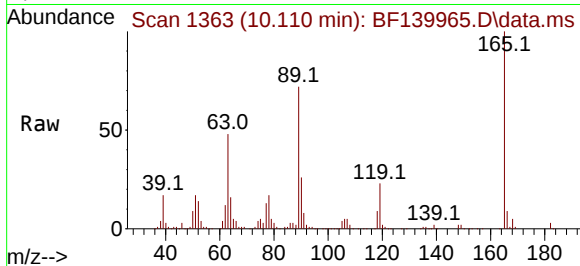




#57
2,4-Dinitrotoluene
Concen: 45.716 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

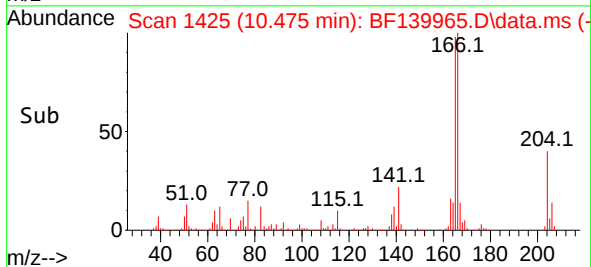
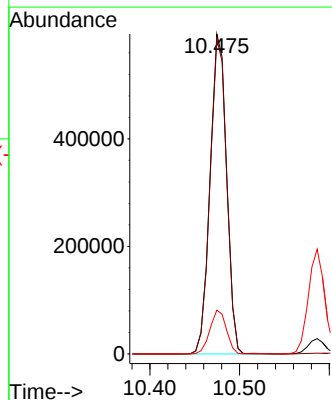
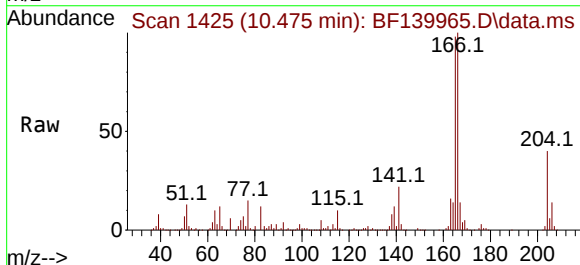
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

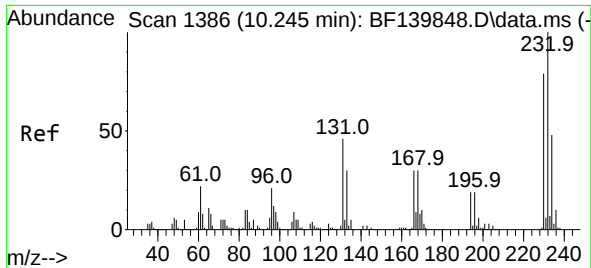
Tgt Ion:165 Resp: 257878
Ion Ratio Lower Upper
165 100
63 47.6 40.1 60.1
89 72.5 60.4 90.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 39.027 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:166 Resp: 760625
Ion Ratio Lower Upper
166 100
165 98.4 78.5 117.7
167 13.7 10.9 16.3

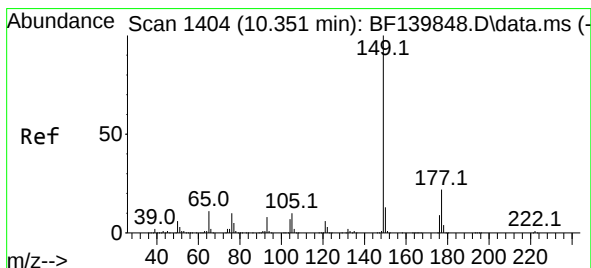
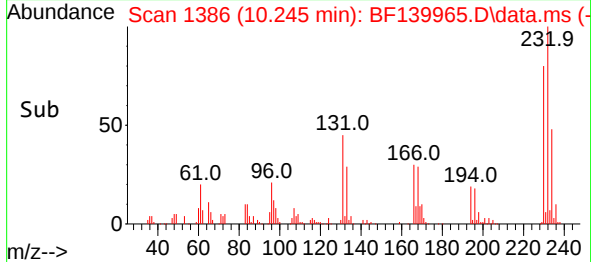
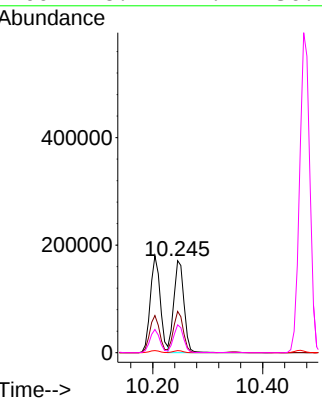
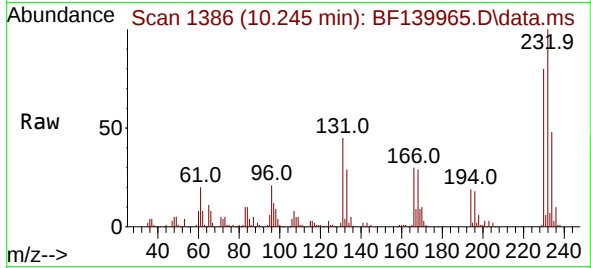




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.916 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

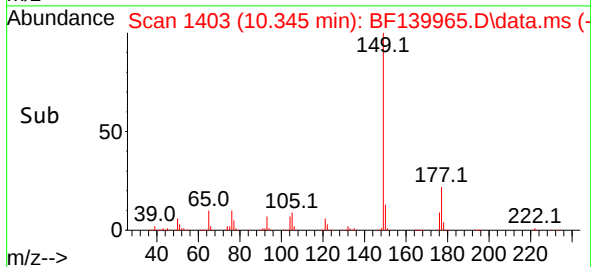
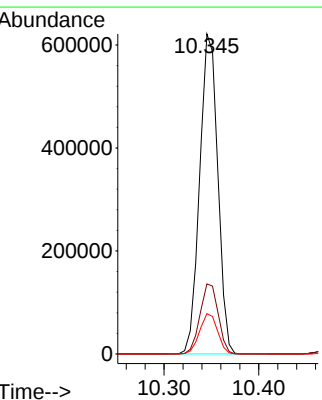
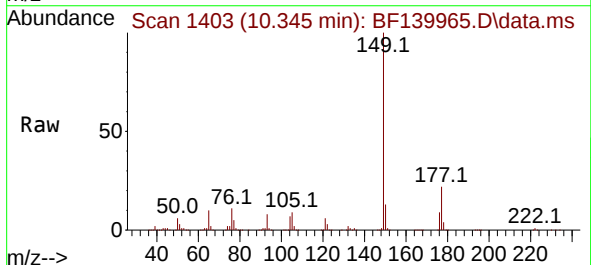
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

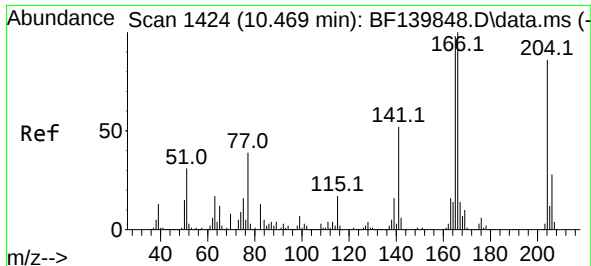
Tgt Ion:232 Resp: 220241
Ion Ratio Lower Upper
232 100
131 43.2 37.0 55.6
130 2.1 1.9 2.9
166 28.9 24.2 36.2



#60
Diethylphthalate
Concen: 39.586 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:149 Resp: 823444
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.6 10.1 15.1

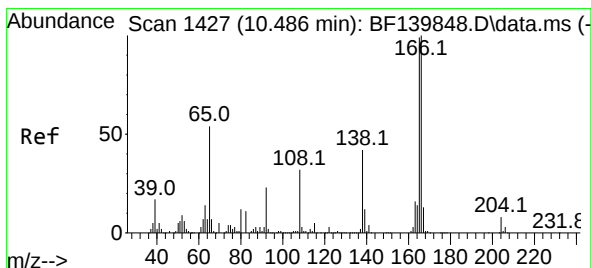
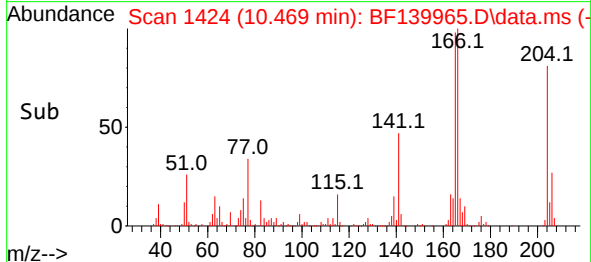
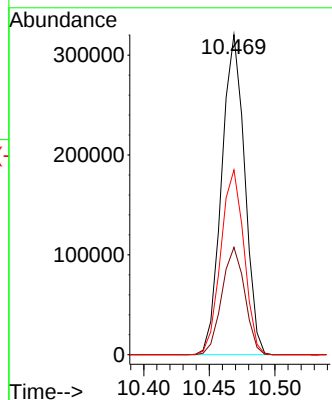
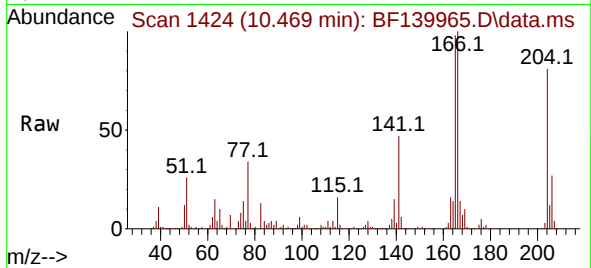




#61
4-Chlorophenyl-phenylether
Concen: 39.685 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

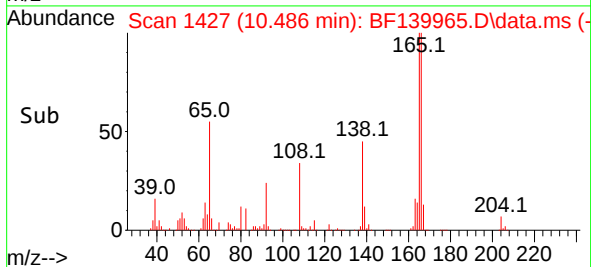
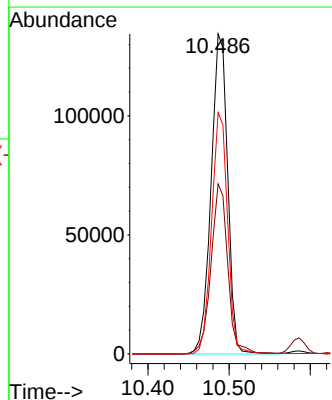
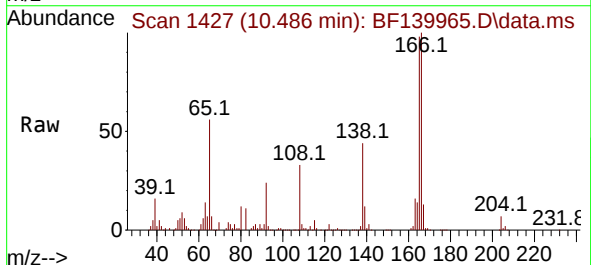
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

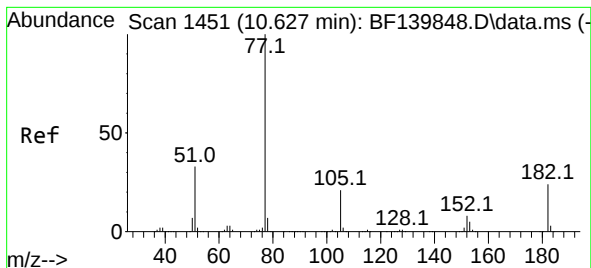
Tgt Ion:204 Resp: 390596
Ion Ratio Lower Upper
204 100
206 33.6 26.3 39.5
141 57.7 48.6 73.0



#62
4-Nitroaniline
Concen: 42.606 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:138 Resp: 190350
Ion Ratio Lower Upper
138 100
92 53.2 35.7 75.7
108 75.4 57.5 97.5





#63

Azobenzene

Concen: 37.820 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 834020

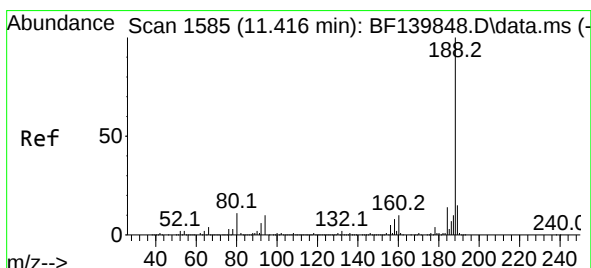
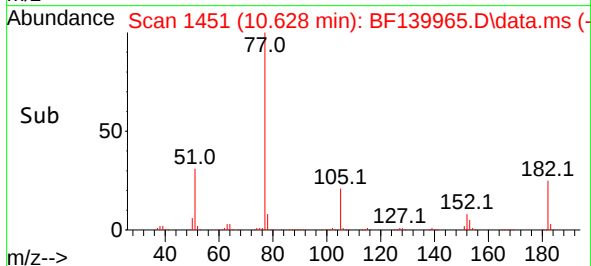
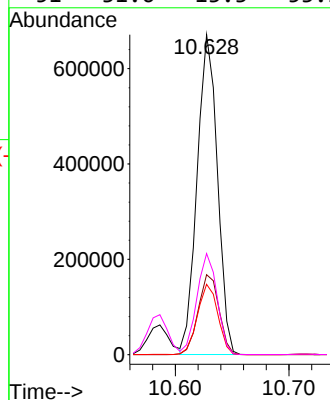
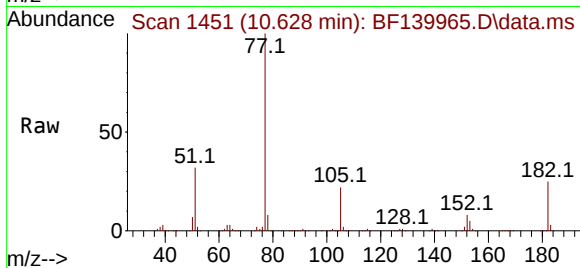
Ion Ratio Lower Upper

77 100

182 25.0 3.3 43.3

105 22.0 1.2 41.2

51 31.6 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

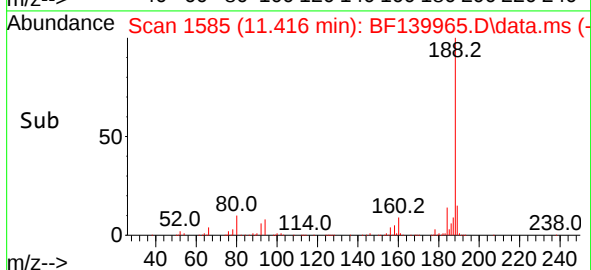
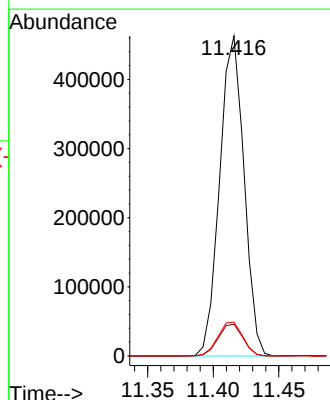
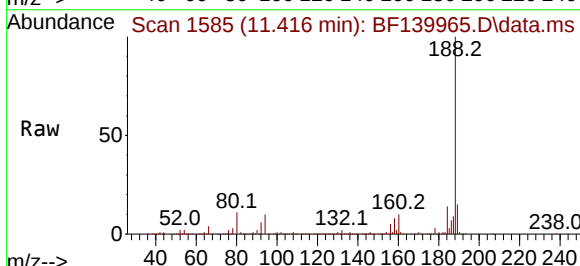
Tgt Ion:188 Resp: 597021

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.6 9.0 13.4

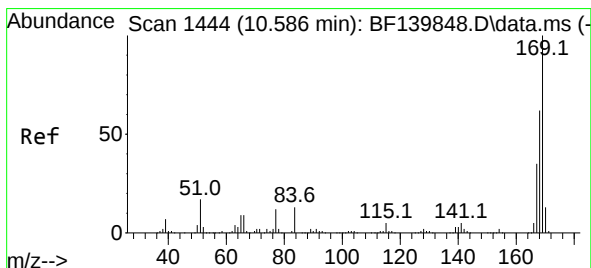
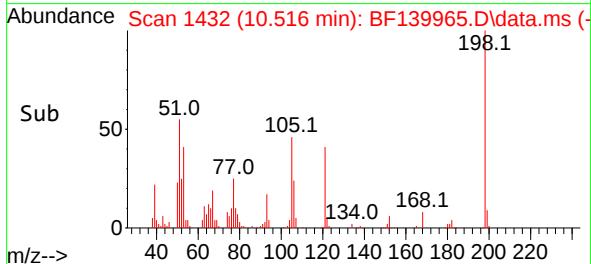
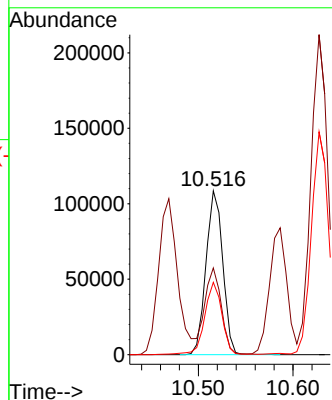
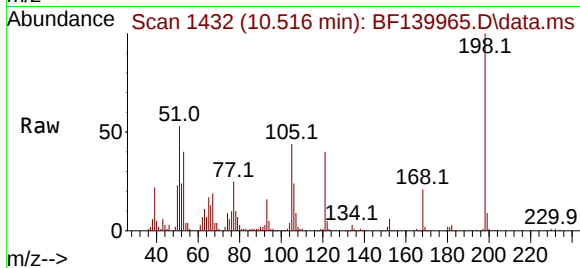




#65
4,6-Dinitro-2-methylphenol
Concen: 54.698 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

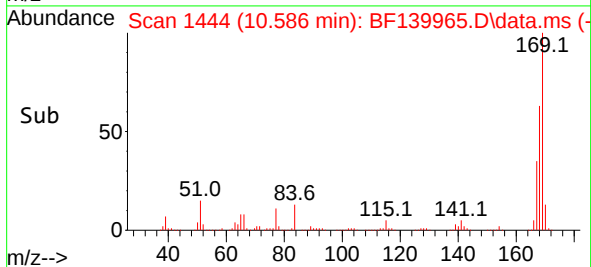
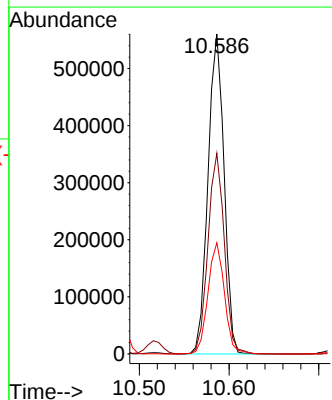
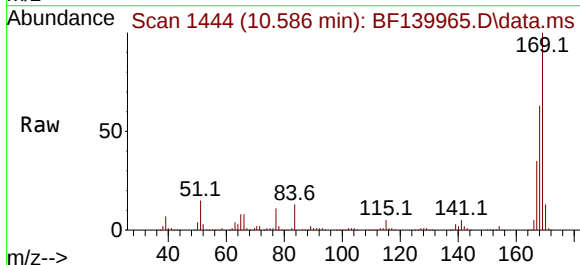
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

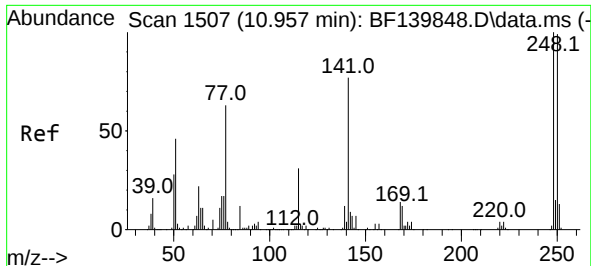
Tgt Ion:198 Resp: 133203
Ion Ratio Lower Upper
198 100
51 52.9 38.2 78.2
105 44.2 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 38.988 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:169 Resp: 696657
Ion Ratio Lower Upper
169 100
168 62.7 49.8 74.6
167 34.7 28.0 42.0

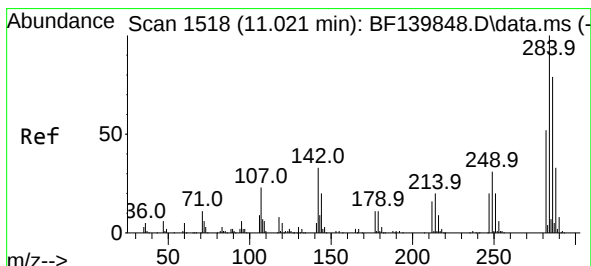
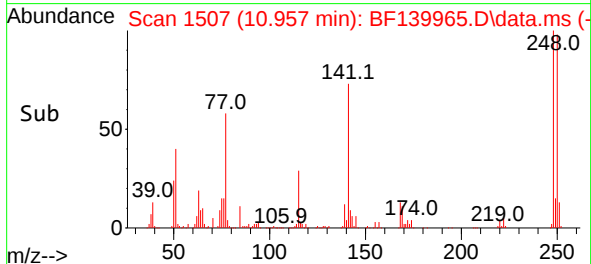
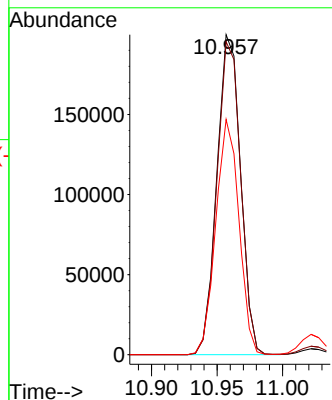
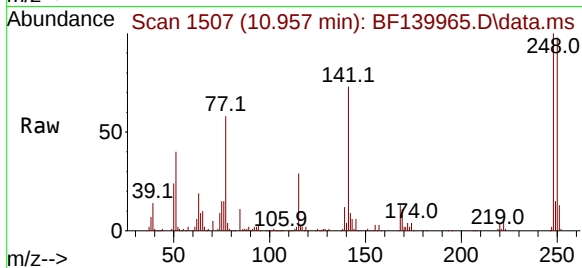




#67
4-Bromophenyl-phenylether
Concen: 40.878 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

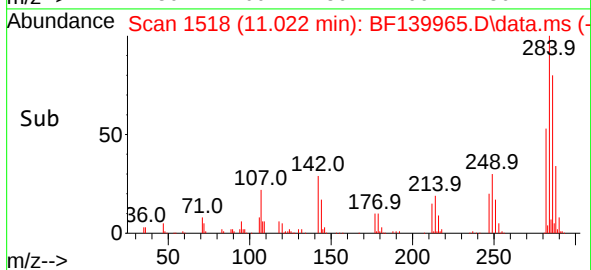
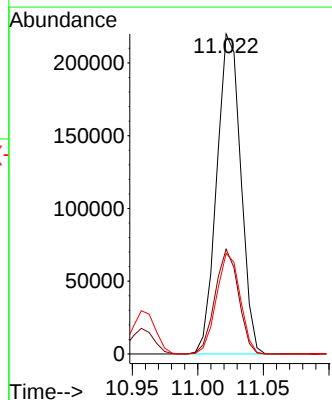
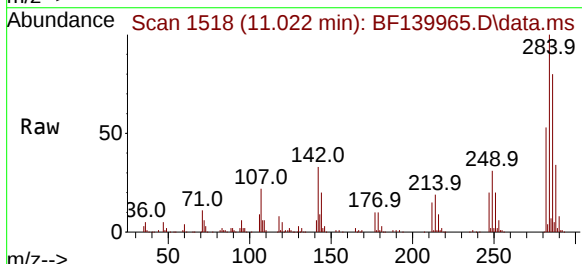
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

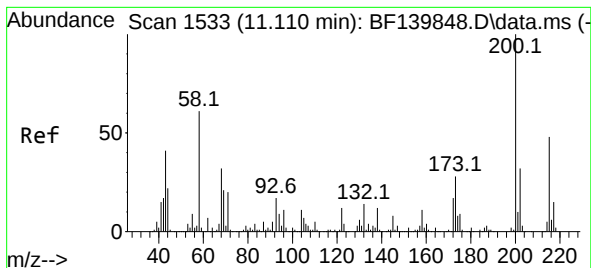
Tgt Ion:248 Resp: 251419
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.6
141 73.5 61.7 92.5



#68
Hexachlorobenzene
Concen: 40.396 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:284 Resp: 279424
Ion Ratio Lower Upper
284 100
142 32.8 26.9 40.3
249 31.5 25.3 37.9





#69

Atrazine

Concen: 40.949 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

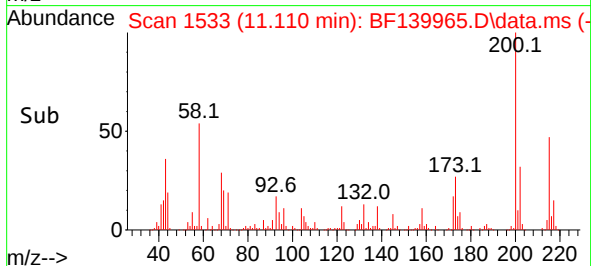
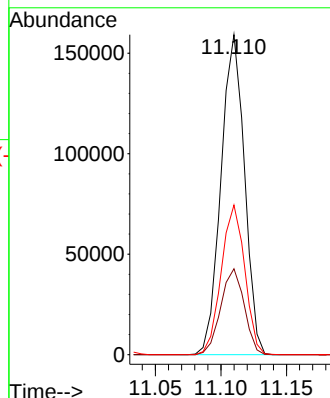
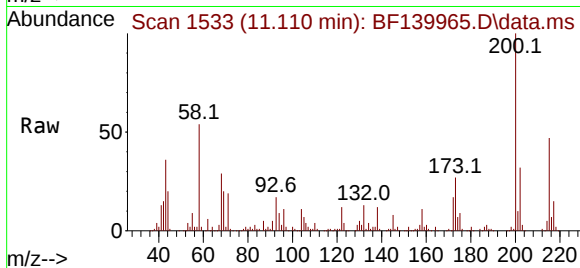
Tgt Ion:200 Resp: 198207

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

215 46.7 27.7 67.7



#70

Pentachlorophenol

Concen: 44.591 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

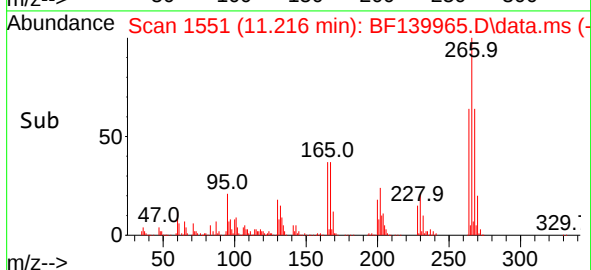
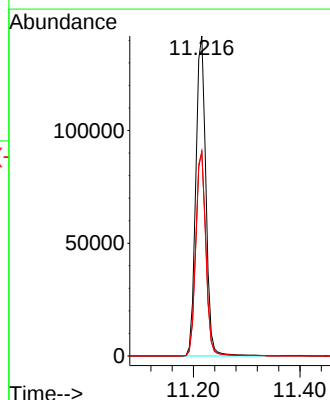
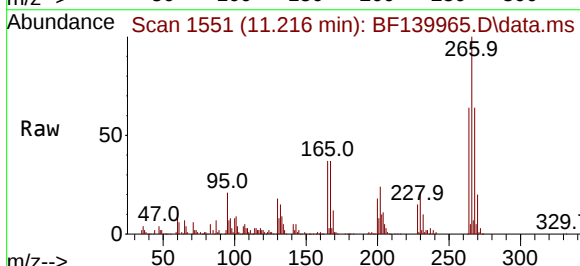
Tgt Ion:266 Resp: 187195

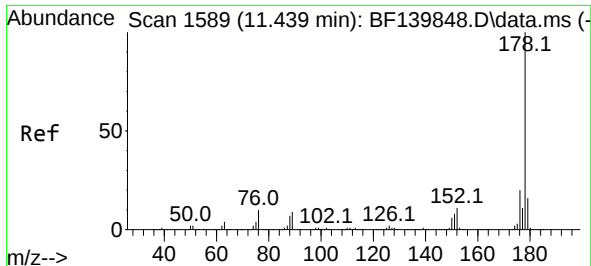
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 63.7 50.6 75.8

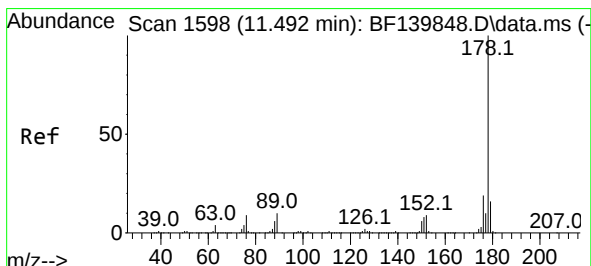
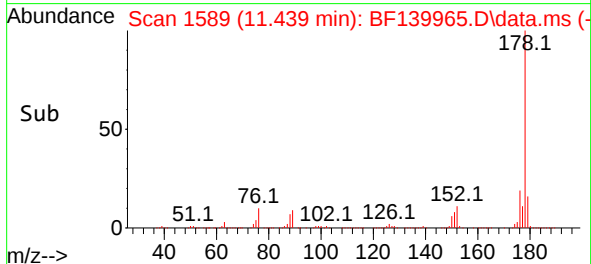
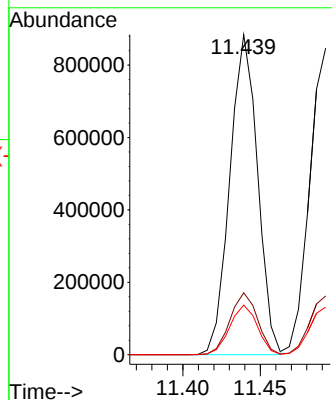
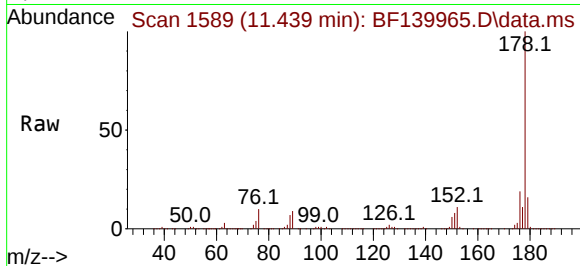




#71
Phenanthrene
Concen: 38.958 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

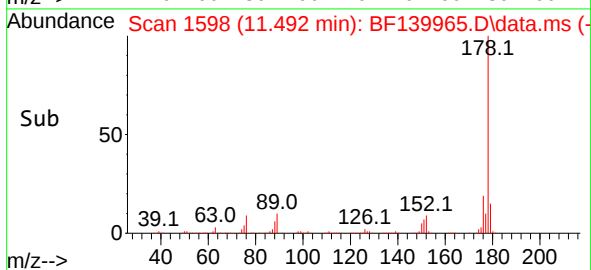
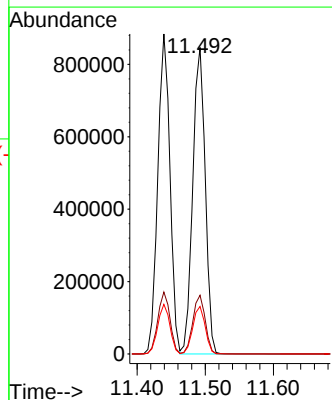
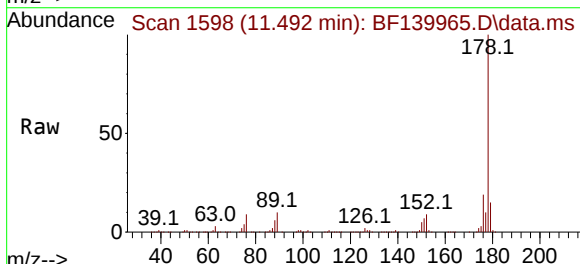
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

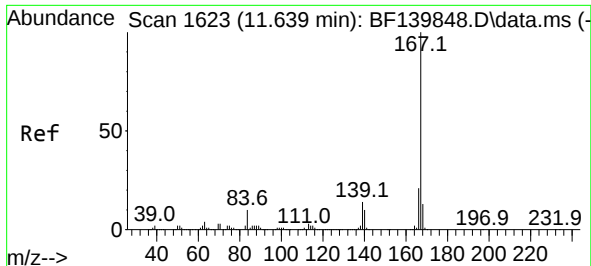
Tgt Ion:178 Resp: 1098645
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.5 12.6 18.8



#72
Anthracene
Concen: 38.790 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

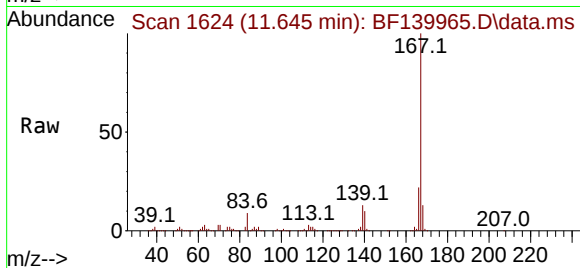
Tgt Ion:178 Resp: 1067309
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.4 18.6



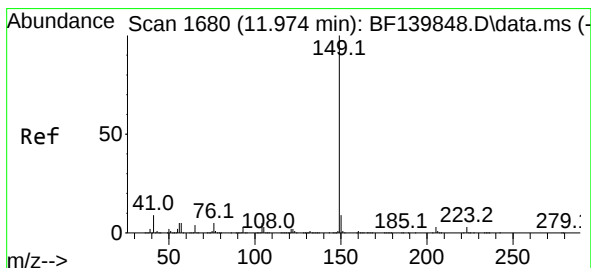
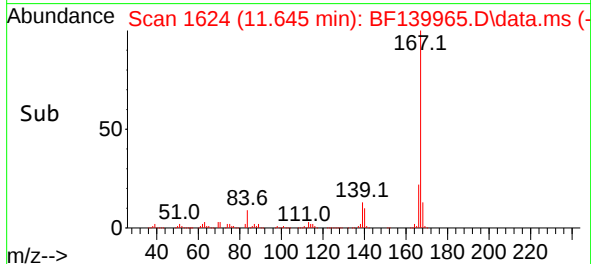
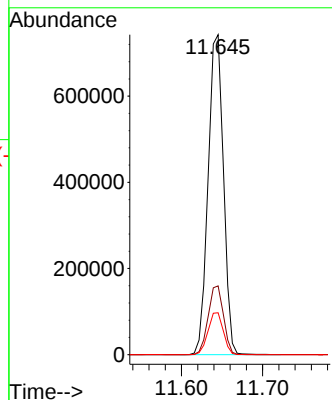


#73
Carbazole
Concen: 38.049 ng
RT: 11.645 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

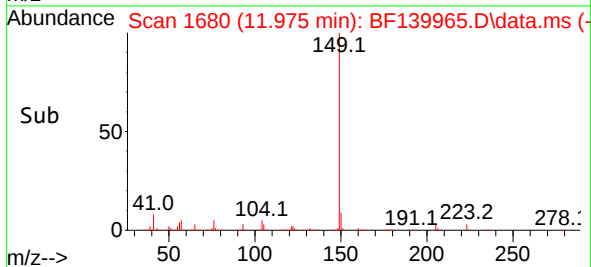
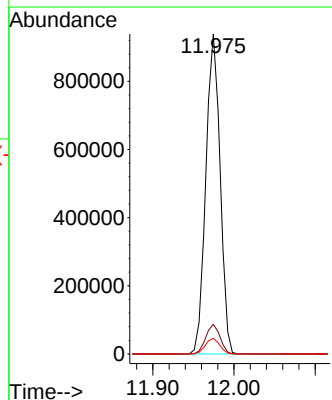
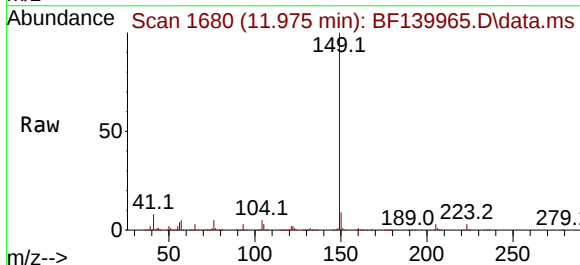


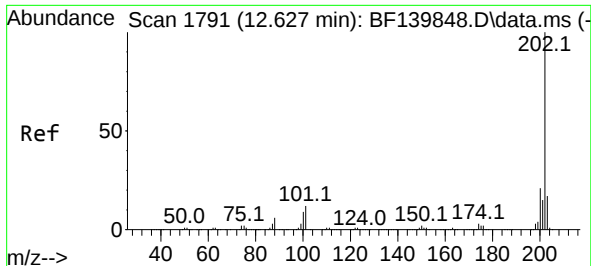
Tgt Ion:167 Resp: 973648
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 13.1 10.8 16.2



#74
Di-n-butylphthalate
Concen: 38.625 ng
RT: 11.975 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:149 Resp: 1141943
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.9 4.1 6.1

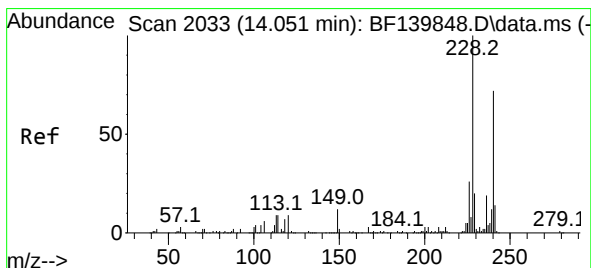
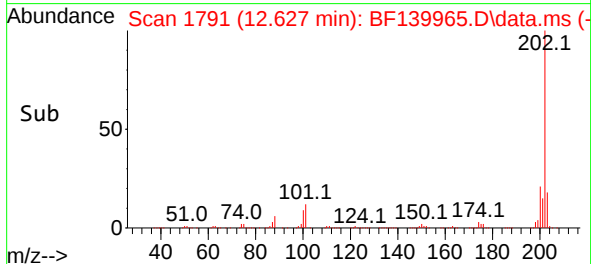
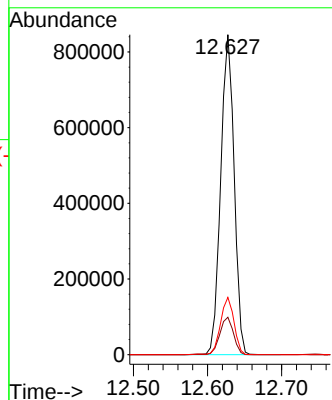
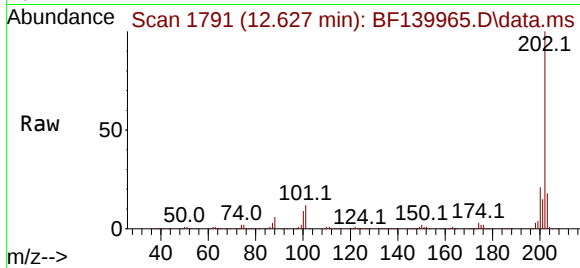




#75
Fluoranthene
Concen: 37.408 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

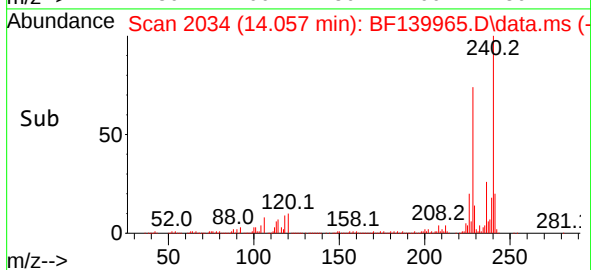
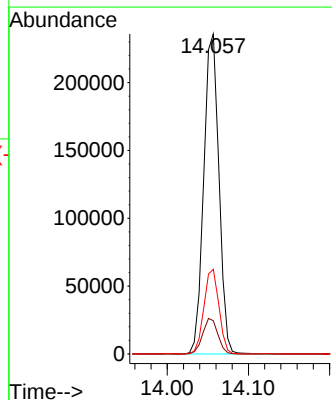
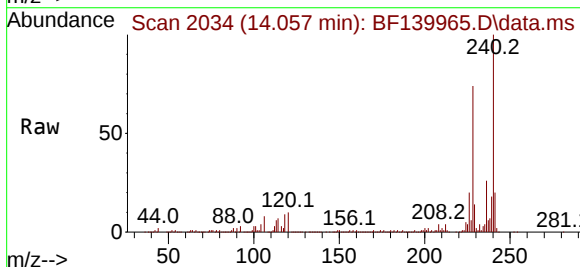
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

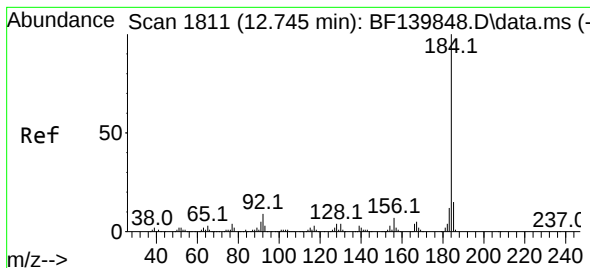
Tgt Ion:202 Resp: 1066456
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.9
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:240 Resp: 306092
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.5 20.9 31.3





#77

Benzidine

Concen: 62.699 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

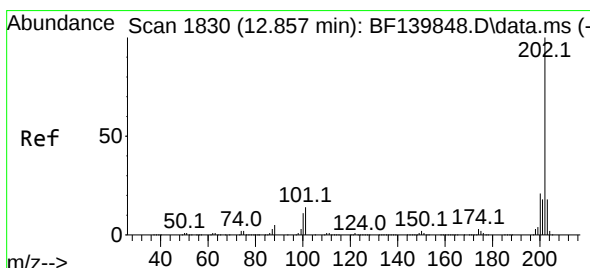
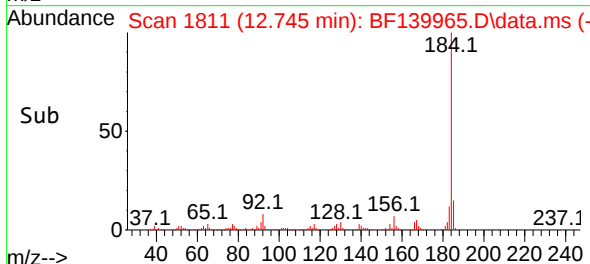
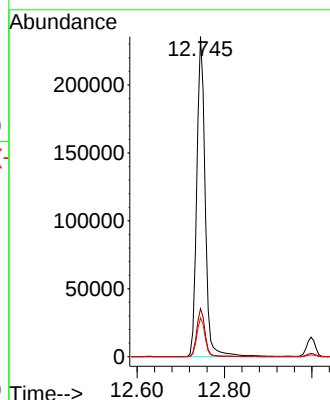
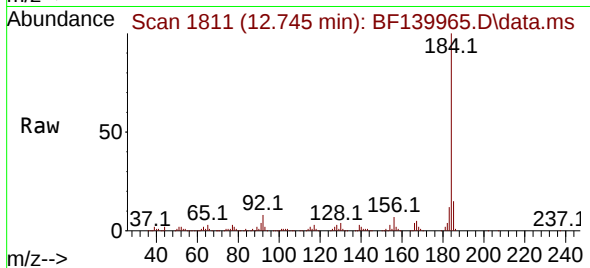
Tgt Ion:184 Resp: 315575

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

183 12.1 9.4 14.2



#78

Pyrene

Concen: 39.552 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

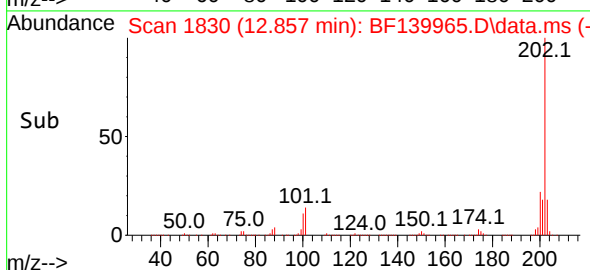
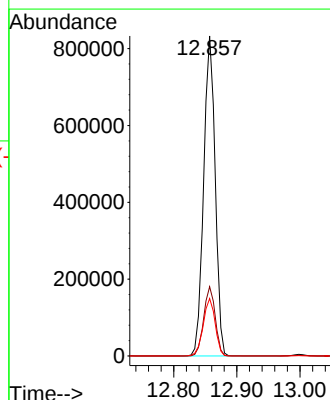
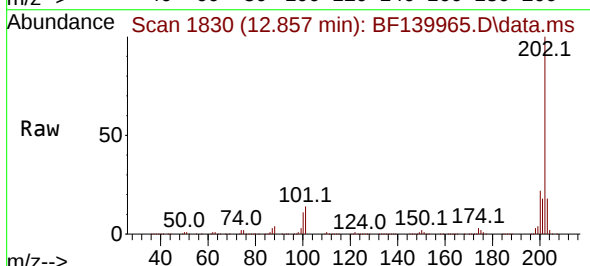
Tgt Ion:202 Resp: 1059713

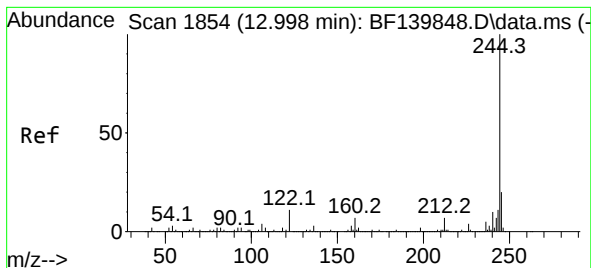
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 80.002 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

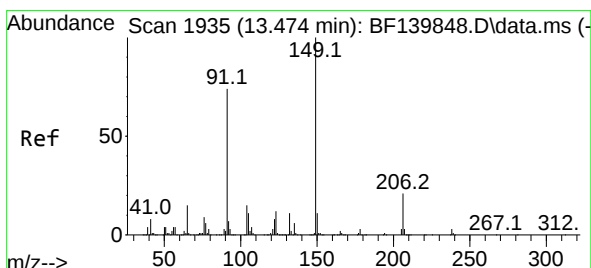
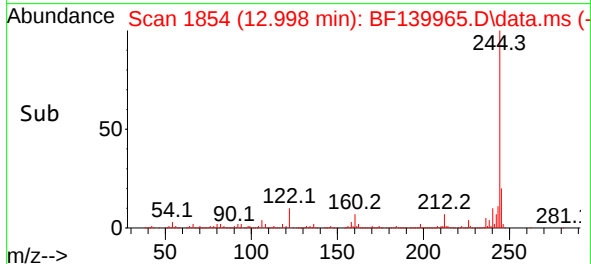
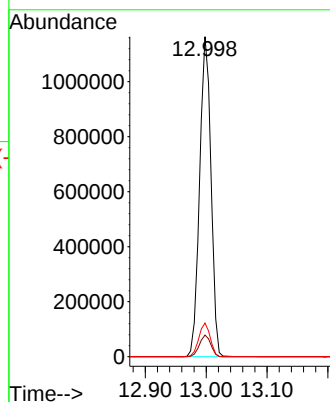
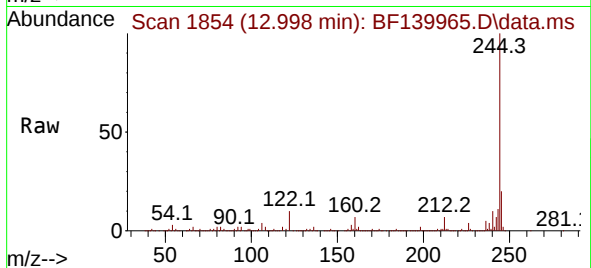
Tgt Ion:244 Resp: 1502801

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 10.5 8.6 13.0



#80

Butylbenzylphthalate

Concen: 41.146 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

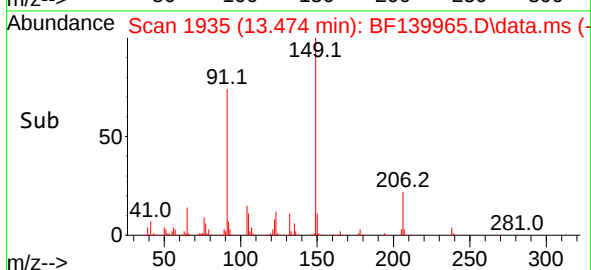
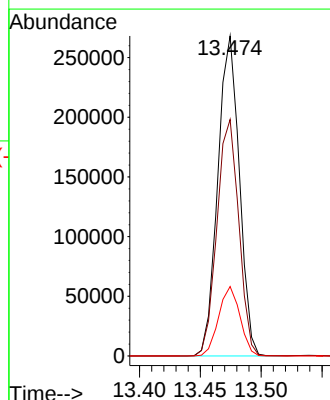
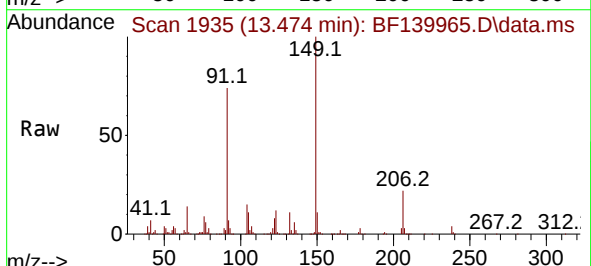
Tgt Ion:149 Resp: 330514

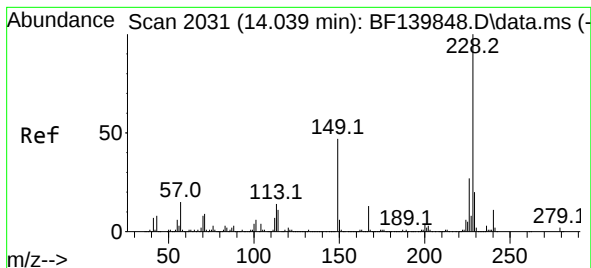
Ion Ratio Lower Upper

149 100

91 73.9 59.4 89.2

206 21.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.712 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

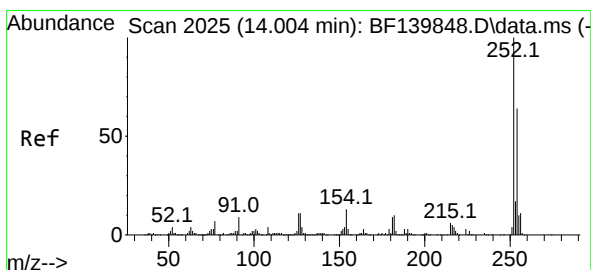
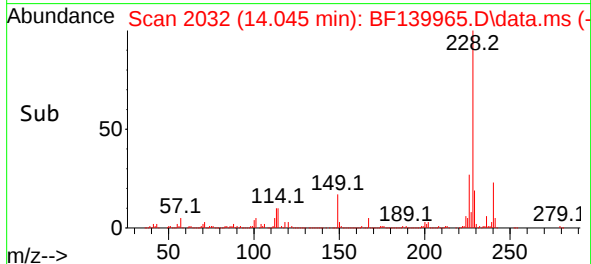
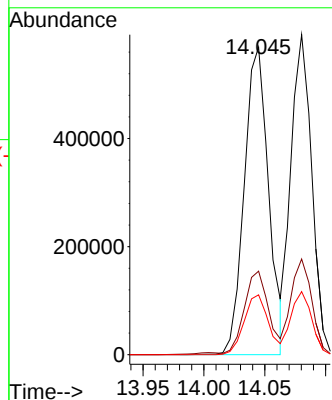
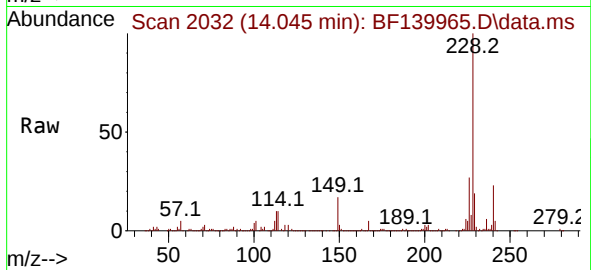
Tgt Ion:228 Resp: 791290

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.4 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 47.107 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

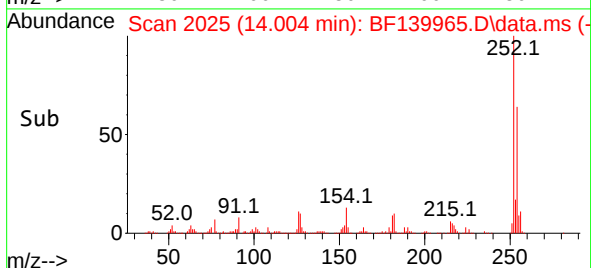
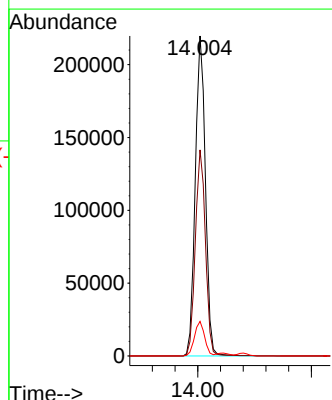
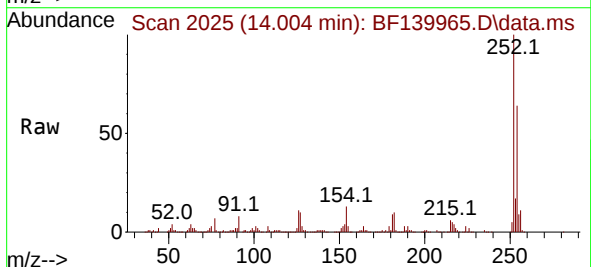
Tgt Ion:252 Resp: 273674

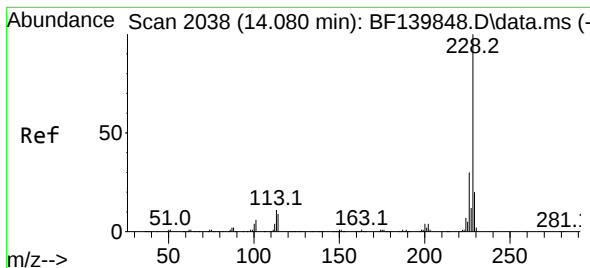
Ion Ratio Lower Upper

252 100

254 64.4 50.8 76.2

126 10.8 8.9 13.3





#83

Chrysene

Concen: 38.777 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

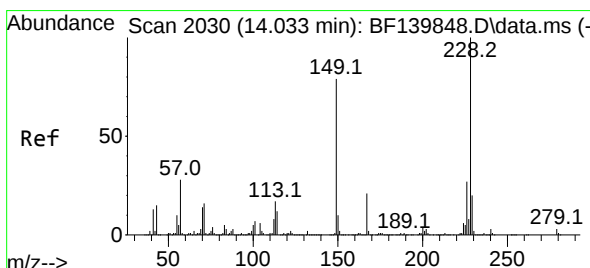
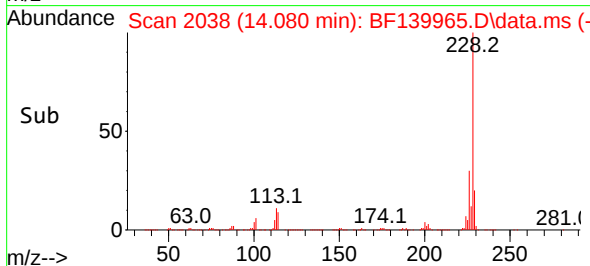
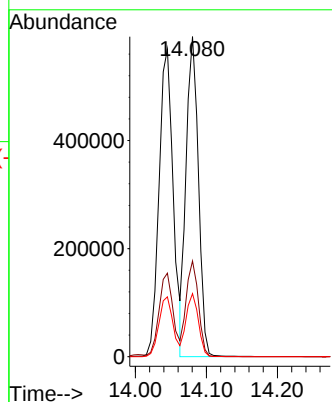
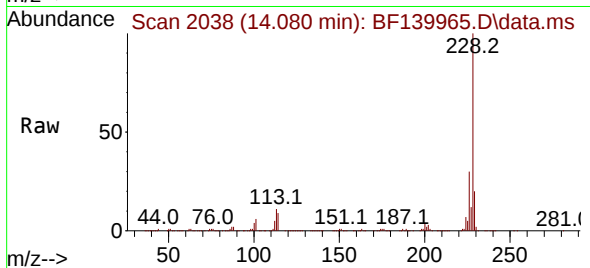
Tgt Ion:228 Resp: 708425

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.227 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

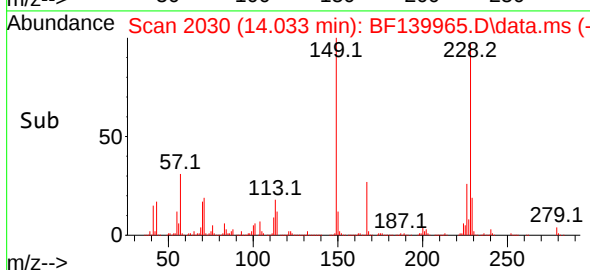
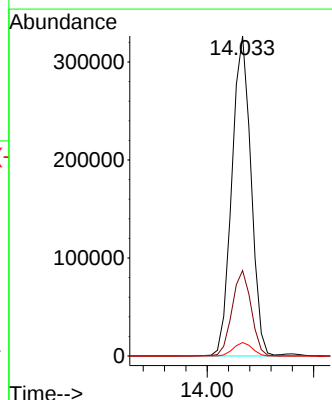
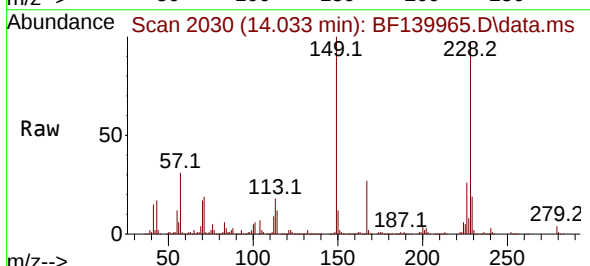
Tgt Ion:149 Resp: 407600

Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 44.726 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

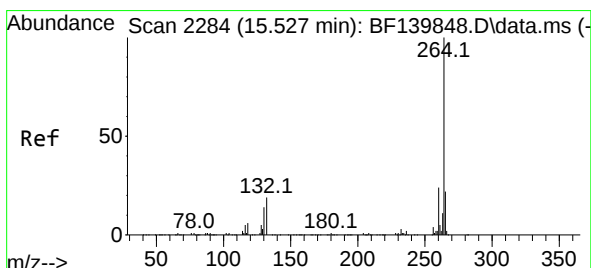
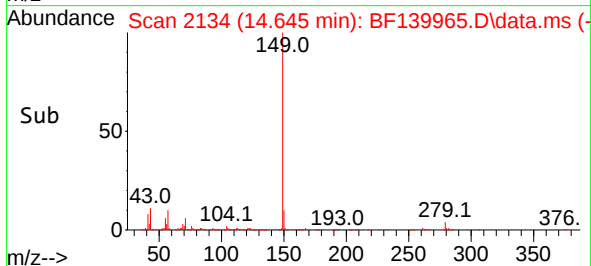
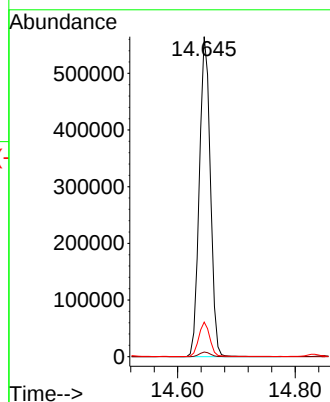
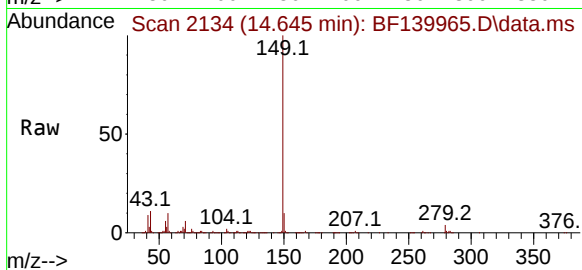
Tgt Ion:149 Resp: 733157

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.8 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

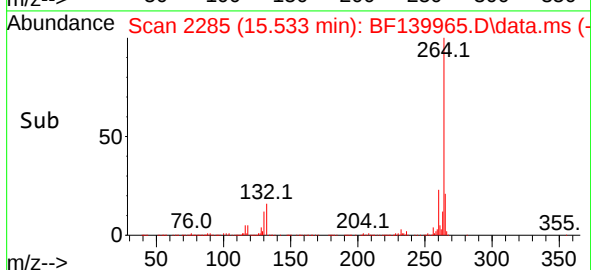
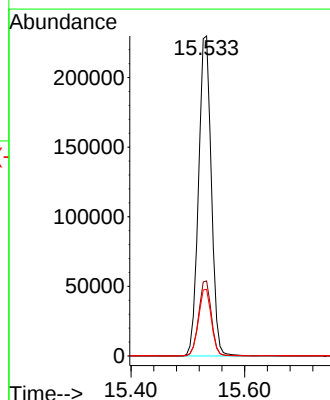
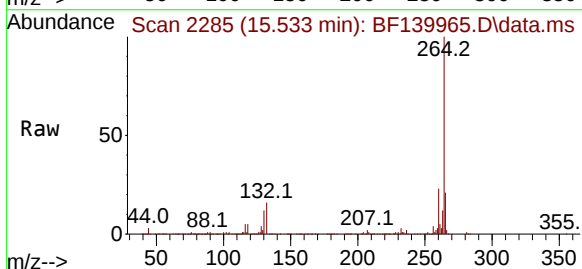
Tgt Ion:264 Resp: 358871

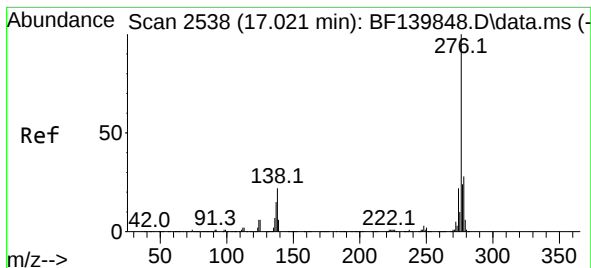
Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 20.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.805 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

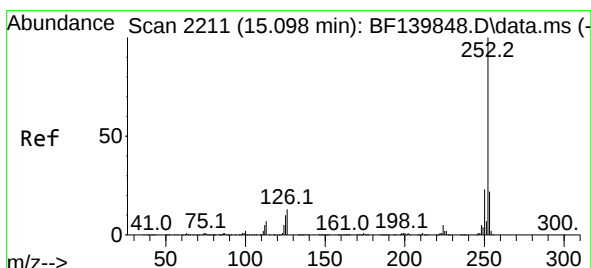
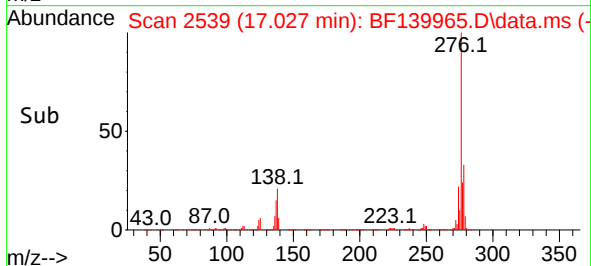
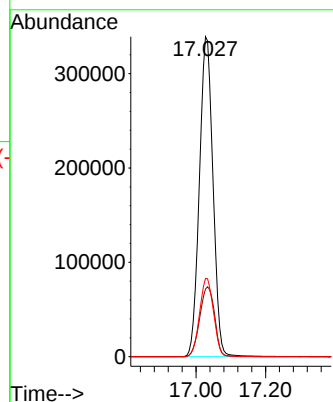
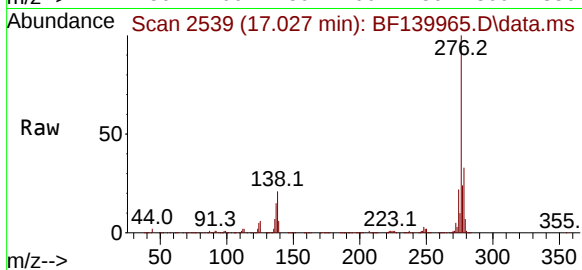
Tgt Ion:276 Resp: 918984

Ion Ratio Lower Upper

276 100

138 23.8 20.4 30.6

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 35.551 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

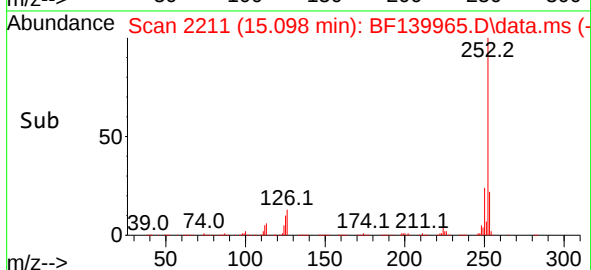
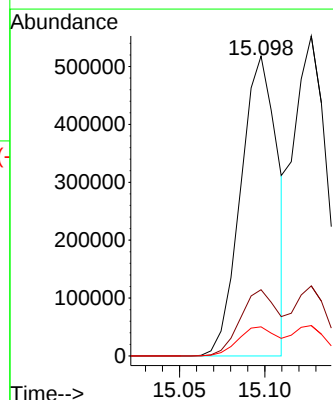
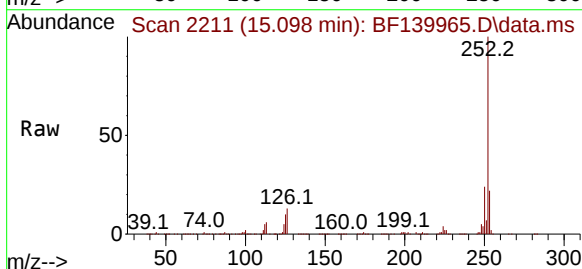
Tgt Ion:252 Resp: 777166

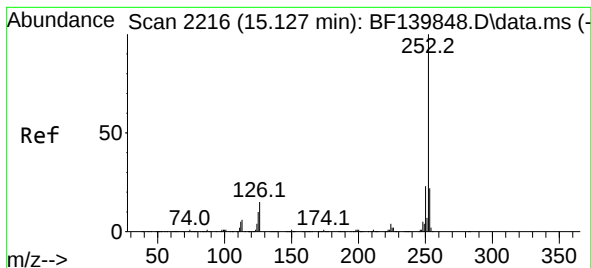
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 39.905 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

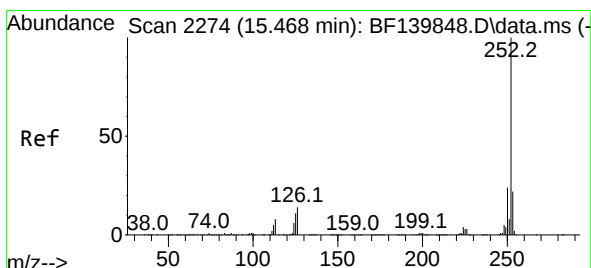
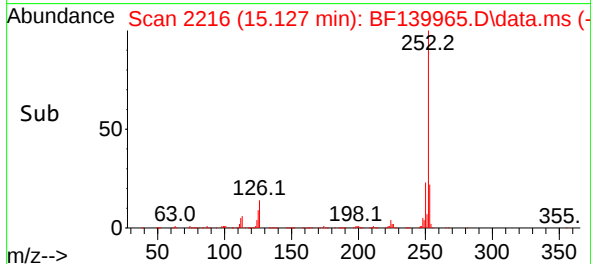
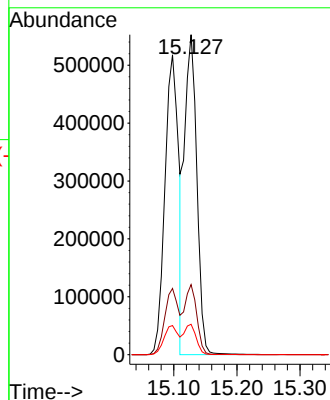
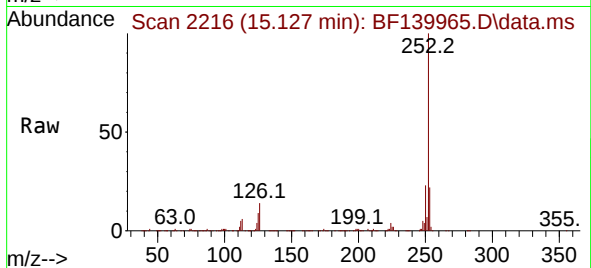
Tgt Ion:252 Resp: 752337

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.5 7.9 11.9



#90

Benzo(a)pyrene

Concen: 39.029 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

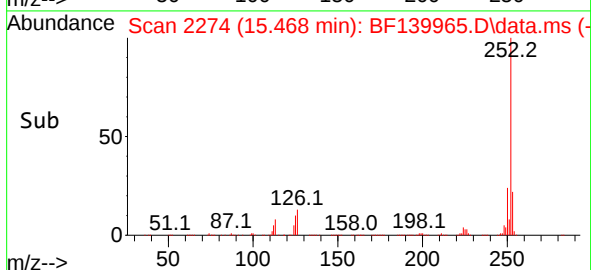
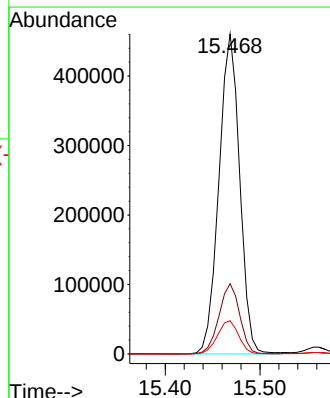
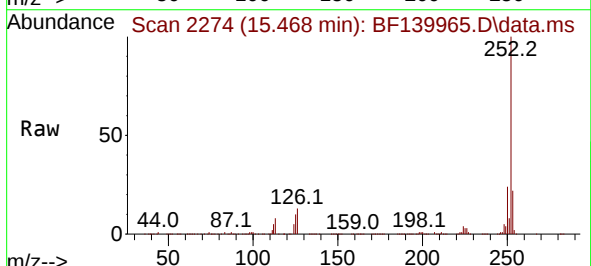
Tgt Ion:252 Resp: 702054

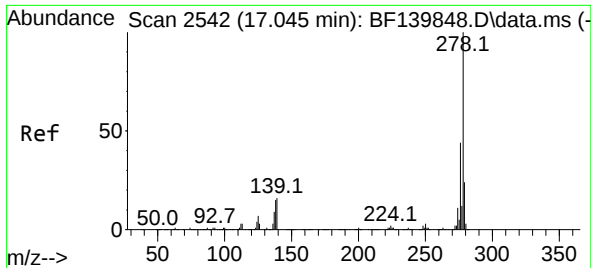
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.4 8.7 13.1

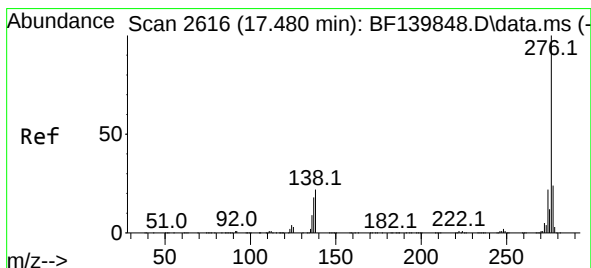
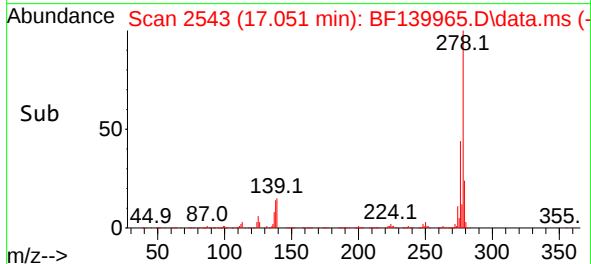
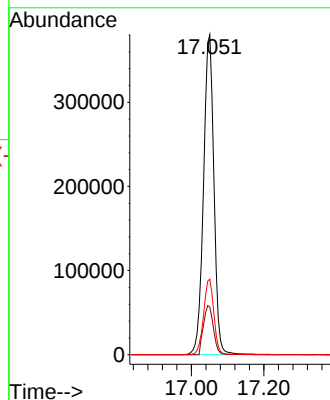
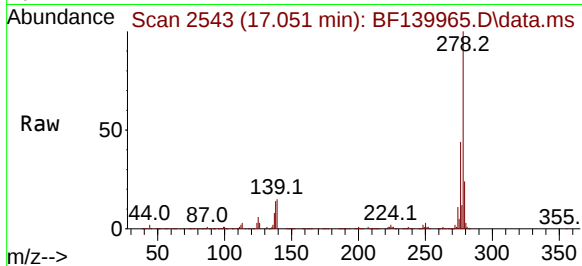




#91
 Dibenzo(a,h)anthracene
 Concen: 39.504 ng
 RT: 17.051 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF139965.D
 Acq: 23 Oct 2024 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:278 Resp: 760841
 Ion Ratio Lower Upper
 278 100
 139 14.9 13.1 19.7
 279 23.6 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 39.298 ng
 RT: 17.480 min Scan# 2616
 Delta R.T. 0.000 min
 Lab File: BF139965.D
 Acq: 23 Oct 2024 15:30

Tgt Ion:276 Resp: 756017
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.0 28.6
 138 21.5 17.4 26.0

