

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139685.D
 Acq On : 07 Oct 2024 14:35
 Operator : RC/JU
 Sample : PB163902BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163902BS

Quant Time: Oct 07 14:59:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	100095	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	391689	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	230281	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	448928	20.000	ng	0.00
76) Chrysene-d12	14.039	240	273215	20.000	ng	0.00
86) Perylene-d12	15.504	264	208036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	553335	95.816	ng	0.01
7) Phenol-d6	6.504	99	734302	94.552	ng	0.00
23) Nitrobenzene-d5	7.434	82	684647	88.498	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	207138	93.180	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1256347	83.755	ng	0.00
79) Terphenyl-d14	12.980	244	1509747	90.670	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	105750	42.355	ng	99
3) Pyridine	3.481	79	277261	45.660	ng	99
4) n-Nitrosodimethylamine	3.452	42	189741	47.737	ng	96
6) Aniline	6.534	93	356632	51.750	ng	99
8) 2-Chlorophenol	6.657	128	316635	51.175	ng	98
9) Benzaldehyde	6.416	77	100188	24.353	ng	99
10) Phenol	6.522	94	416124	50.957	ng	89
11) bis(2-Chloroethyl)ether	6.604	93	313128	47.094	ng	100
12) 1,3-Dichlorobenzene	6.810	146	321310	46.163	ng	99
13) 1,4-Dichlorobenzene	6.887	146	322832	45.795	ng	100
14) 1,2-Dichlorobenzene	7.040	146	308525	46.697	ng	100
15) Benzyl Alcohol	7.016	79	297384	50.117	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	550758	47.848	ng	79
17) 2-Methylphenol	7.128	107	259212	50.183	ng	99
18) Hexachloroethane	7.381	117	122094	46.433	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	239296	47.927	ng	98
20) 3+4-Methylphenols	7.281	107	321888	49.614	ng	95
22) Acetophenone	7.281	105	431574	46.418	ng	98
24) Nitrobenzene	7.457	77	366843	45.793	ng	99
25) Isophorone	7.693	82	653687	47.574	ng	100
26) 2-Nitrophenol	7.769	139	171334	49.751	ng	99
27) 2,4-Dimethylphenol	7.804	122	261064	61.923	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	384475	46.859	ng	98
29) 2,4-Dichlorophenol	8.016	162	269825	49.067	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	272456	43.811	ng	100
31) Naphthalene	8.175	128	925954	46.236	ng	100
32) Benzoic acid	7.945	122	204268	48.726	ng	99
33) 4-Chloroaniline	8.222	127	117413	17.320	ng	99
34) Hexachlorobutadiene	8.287	225	175591	43.630	ng	99
35) Caprolactam	8.604	113	58915	32.664	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	308180	49.507	ng	98
37) 2-Methylnaphthalene	8.863	142	610438	46.802	ng	99
38) 1-Methylnaphthalene	8.963	142	569133	44.640	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	283973	44.408	ng	99
41) Hexachlorocyclopentadiene	9.016	237	329647	168.123	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	203240	47.147	ng	99

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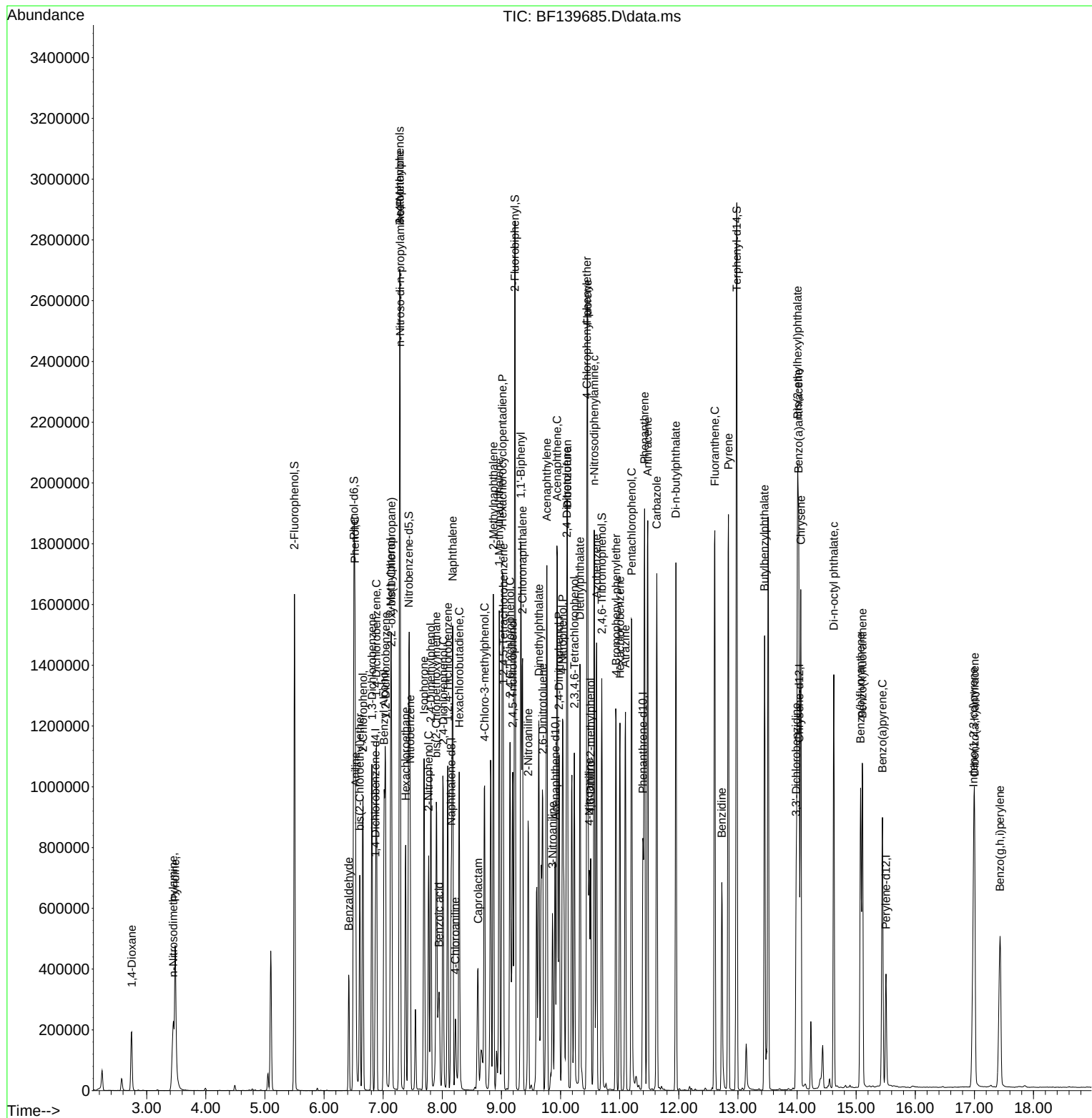
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	216870	46.651	ng	99
46) 1,1'-Biphenyl	9.328	154	774495	45.219	ng	100
47) 2-Chloronaphthalene	9.357	162	575827	44.846	ng	99
48) 2-Nitroaniline	9.451	65	226385	49.116	ng	98
49) Acenaphthylene	9.769	152	951796	48.743	ng	99
50) Dimethylphthalate	9.634	163	727668	48.272	ng	100
51) 2,6-Dinitrotoluene	9.698	165	160416	47.108	ng	93
52) Acenaphthene	9.939	154	583806	43.551	ng	99
53) 3-Nitroaniline	9.863	138	117596	33.793	ng	97
54) 2,4-Dinitrophenol	9.975	184	199141	108.728	ng	98
55) Dibenzofuran	10.116	168	878524	46.807	ng	100
56) 4-Nitrophenol	10.034	139	262912	99.074	ng	99
57) 2,4-Dinitrotoluene	10.104	165	213859	48.047	ng	95
58) Fluorene	10.457	166	703720	47.074	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	190728	50.796	ng	99
60) Diethylphthalate	10.328	149	741788	47.642	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	341535	45.666	ng	98
62) 4-Nitroaniline	10.486	138	177621	49.901	ng	98
63) Azobenzene	10.610	77	756440	48.309	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	131001	51.668	ng	97
66) n-Nitrosodiphenylamine	10.569	169	628509	47.496	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	206931	44.957	ng	99
68) Hexachlorobenzene	11.004	284	230531	45.135	ng	99
69) Atrazine	11.098	200	204756	57.671	ng	98
70) Pentachlorophenol	11.204	266	271923	89.410	ng	99
71) Phenanthrene	11.422	178	1011818	47.801	ng	100
72) Anthracene	11.475	178	1044748	49.890	ng	100
73) Carbazole	11.628	167	971439	48.300	ng	100
74) Di-n-butylphthalate	11.951	149	1191401	48.713	ng	99
75) Fluoranthene	12.610	202	1121318	48.460	ng	100
77) Benzidine	12.727	184	391839	81.308	ng	99
78) Pyrene	12.839	202	1145049	46.859	ng	99
80) Butylbenzylphthalate	13.451	149	460085	52.638	ng	99
81) Benzo(a)anthracene	14.027	228	891569	49.634	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	193599	35.216	ng	100
83) Chrysene	14.063	228	781572	47.591	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	603106	55.258	ng	99
85) Di-n-octyl phthalate	14.621	149	859040	53.575	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	619756	50.615	ng	100
88) Benzo(b)fluoranthene	15.074	252	672649	50.006	ng	99
89) Benzo(k)fluoranthene	15.104	252	559417	49.027	ng	99
90) Benzo(a)pyrene	15.445	252	558749	52.681	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	507642	49.986	ng	99
92) Benzo(g,h,i)perylene	17.433	276	472795	46.420	ng	100

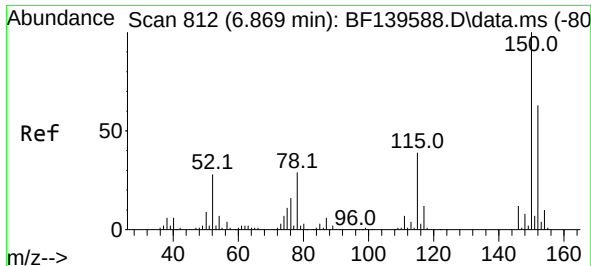
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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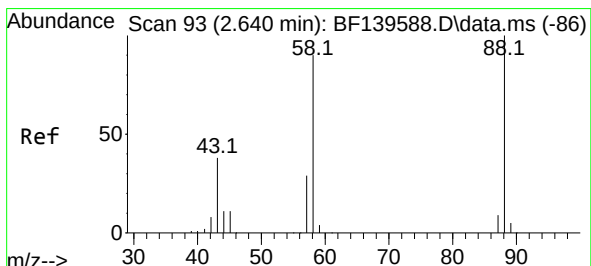
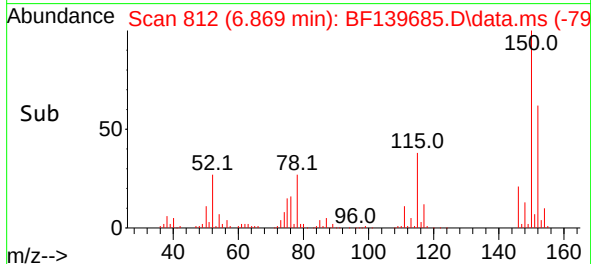
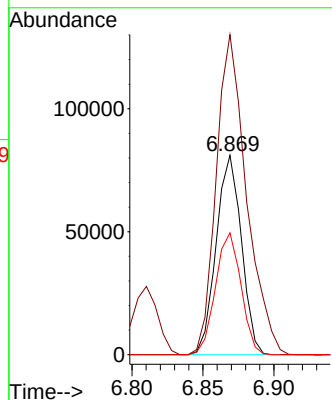
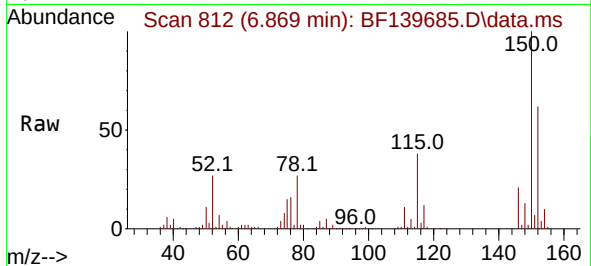




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF139685.D
 Acq: 07 Oct 2024 14:35

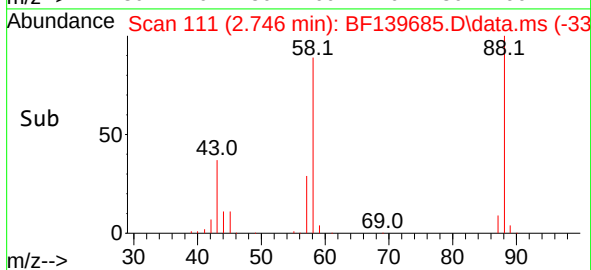
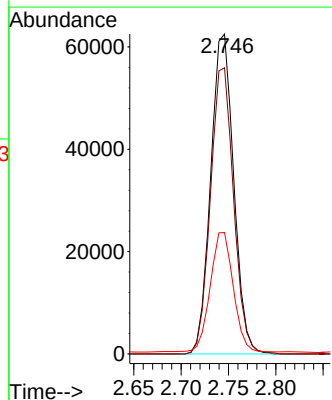
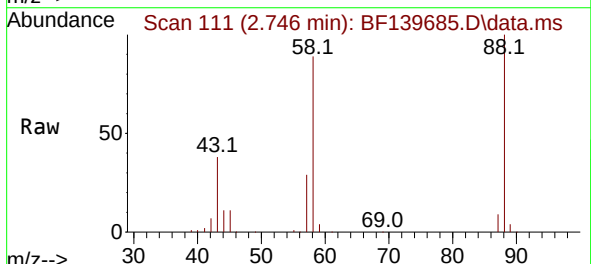
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 BNA_F
 ClientSampleId :
 PB163902BS

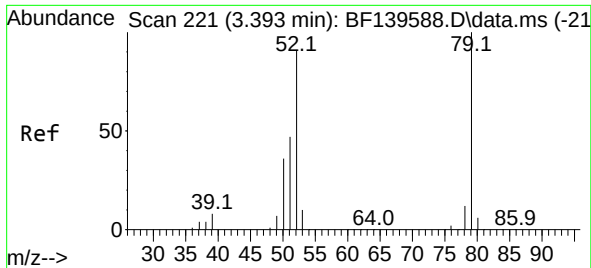
Tgt Ion:152 Resp: 100095
 Ion Ratio Lower Upper
 152 100
 150 160.6 127.2 190.8
 115 61.2 49.0 73.4



#2
 1,4-Dioxane
 Concen: 42.355 ng
 RT: 2.746 min Scan# 111
 Delta R.T. 0.106 min
 Lab File: BF139685.D
 Acq: 07 Oct 2024 14:35

Tgt Ion: 88 Resp: 105750
 Ion Ratio Lower Upper
 88 100
 58 90.1 72.0 108.0
 43 37.5 30.8 46.2





#3

Pyridine

Concen: 45.660 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

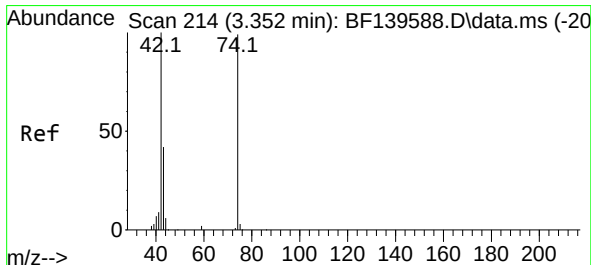
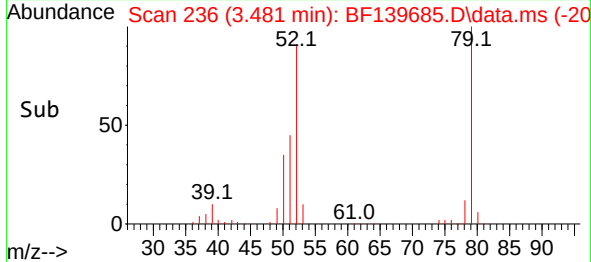
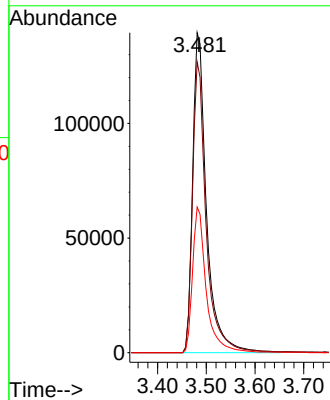
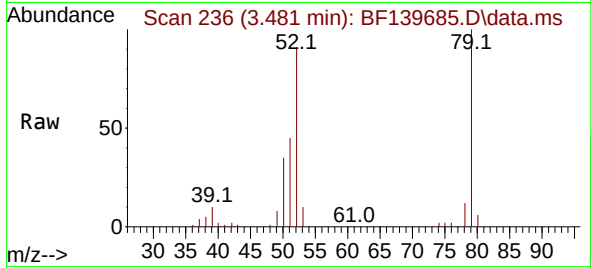
Tgt Ion: 79 Resp: 277261

Ion Ratio Lower Upper

79 100

52 90.8 72.6 109.0

51 45.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 47.737 ng

RT: 3.452 min Scan# 231

Delta R.T. 0.100 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

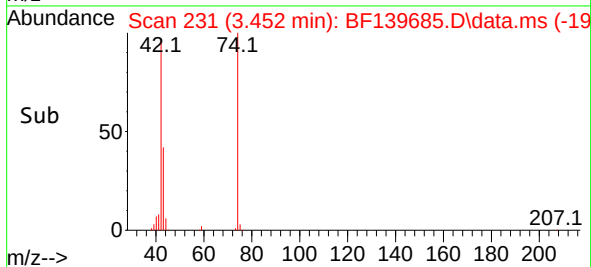
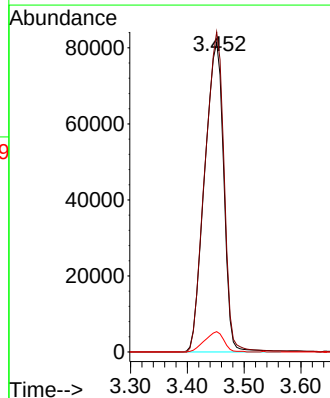
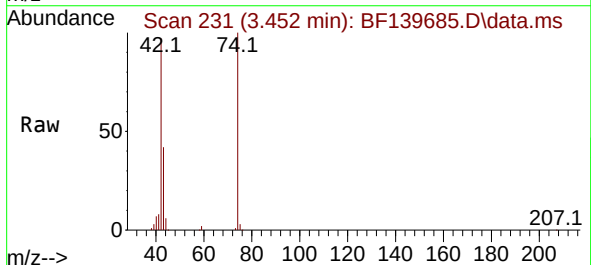
Tgt Ion: 42 Resp: 189741

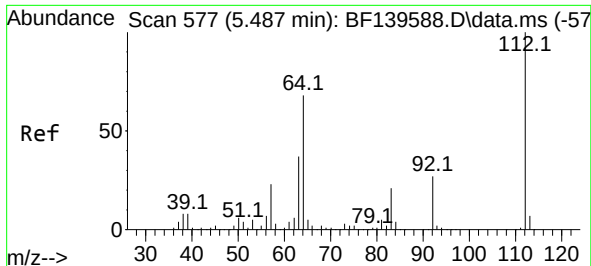
Ion Ratio Lower Upper

42 100

74 103.3 79.0 118.6

44 6.5 5.2 7.8

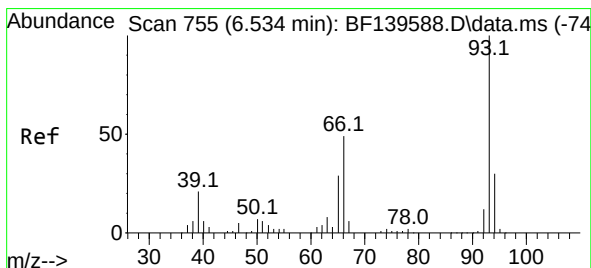
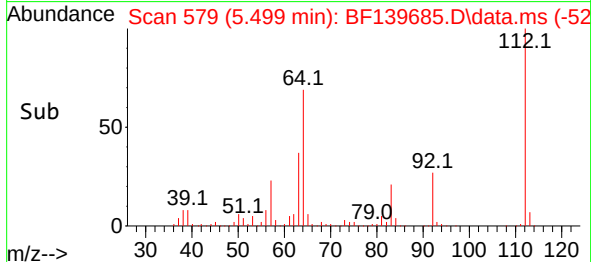
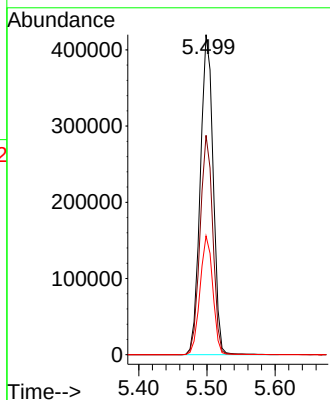
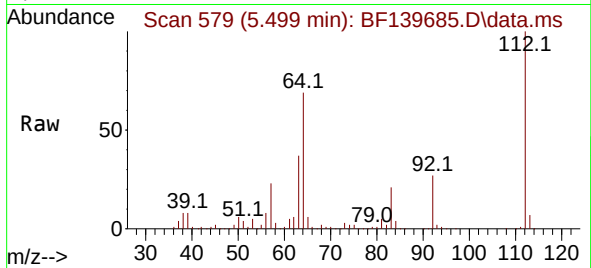




#5
2-Fluorophenol
Concen: 95.816 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

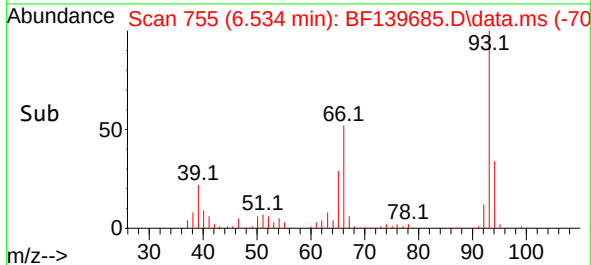
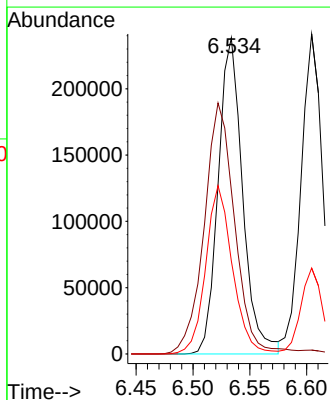
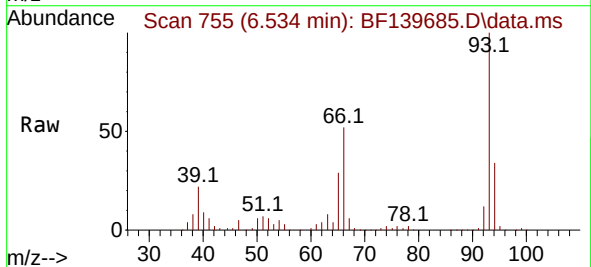
Instrument :
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ClientSampleId :
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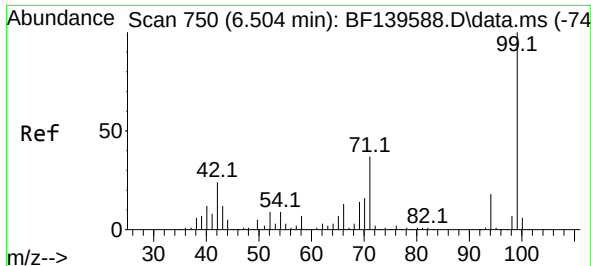
Tgt Ion:112 Resp: 553335
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 37.1 29.4 44.2



#6
Aniline
Concen: 51.750 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion: 93 Resp: 356632
Ion Ratio Lower Upper
93 100
66 51.8 40.9 61.3
65 29.5 23.3 34.9

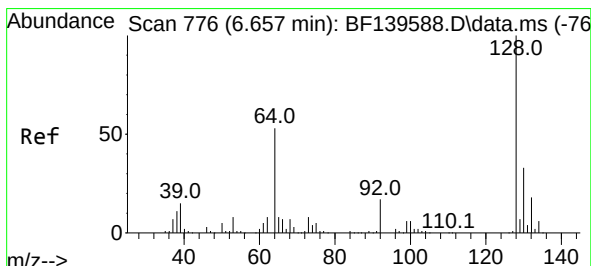
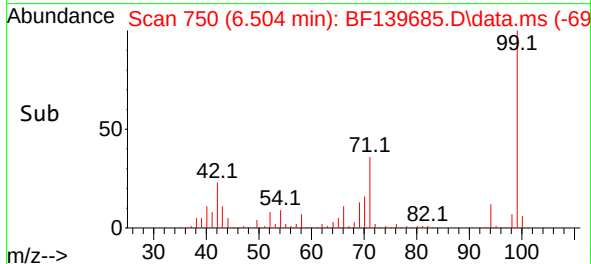
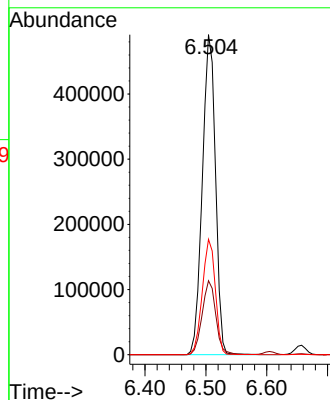
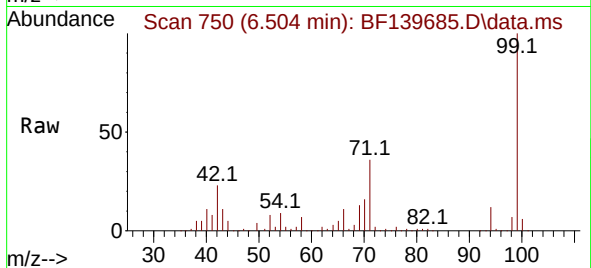




#7
Phenol-d6
Concen: 94.552 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

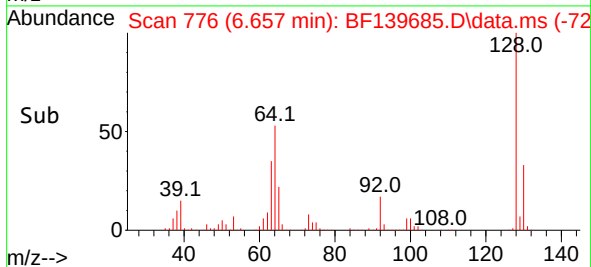
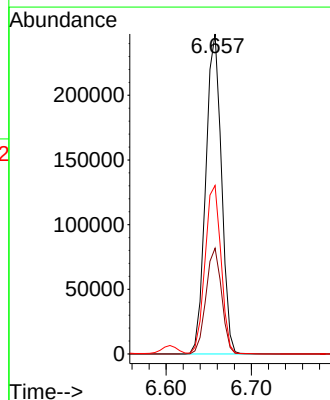
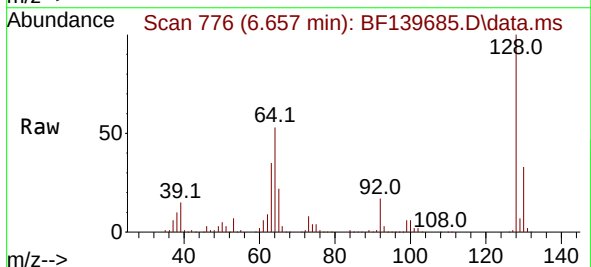
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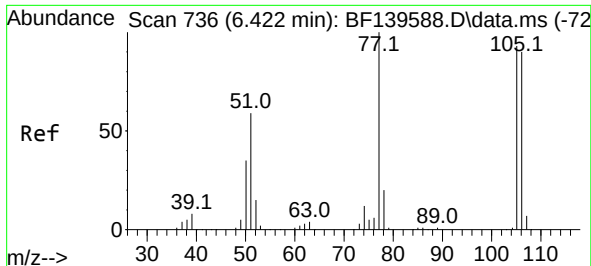
Tgt Ion: 99 Resp: 734302
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 36.1 29.7 44.5



#8
2-Chlorophenol
Concen: 51.175 ng
RT: 6.657 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion: 128 Resp: 316635
Ion Ratio Lower Upper
128 100
130 33.1 13.2 53.2
64 52.6 35.1 75.1



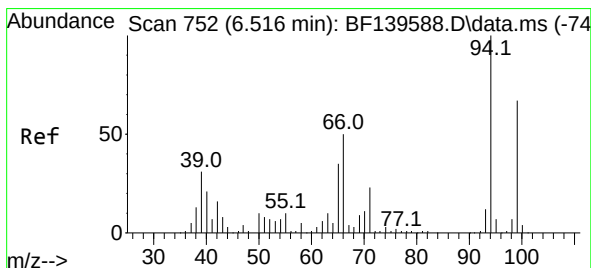
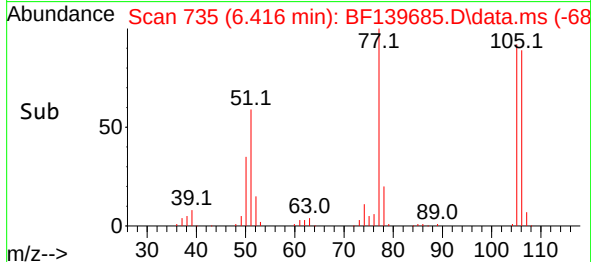
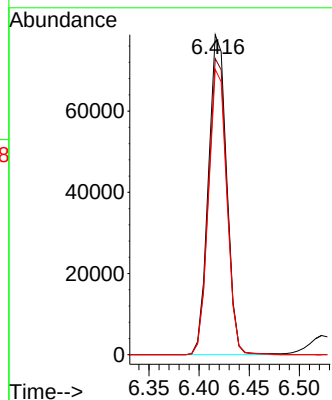
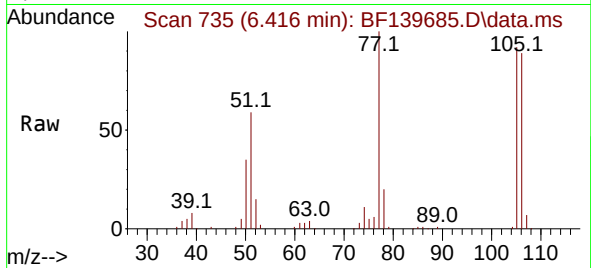


#9
Benzaldehyde
Concen: 24.353 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139685.D
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Instrument :
BNA_F
ClientSampleId :
PB163902BS

Tgt Ion: 77 Resp: 100188

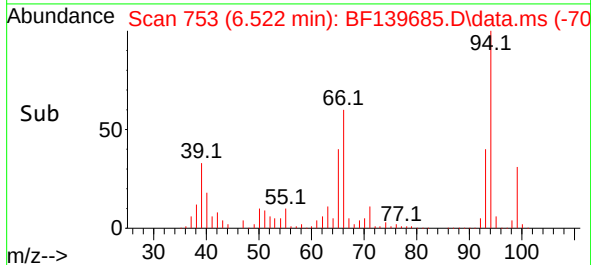
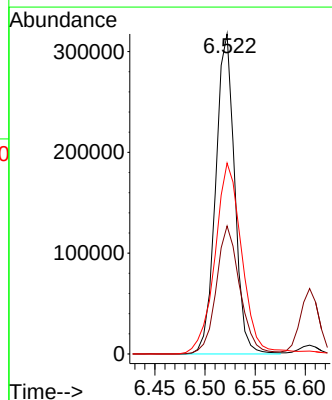
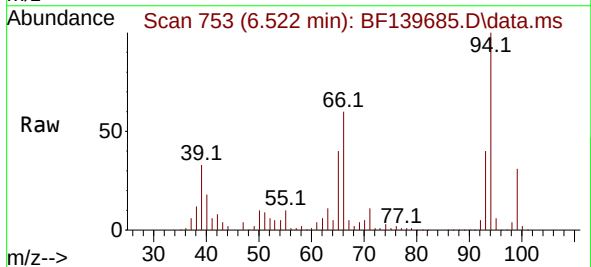
Ion	Ratio	Lower	Upper
77	100		
105	92.5	72.7	112.7
106	89.1	70.1	110.1

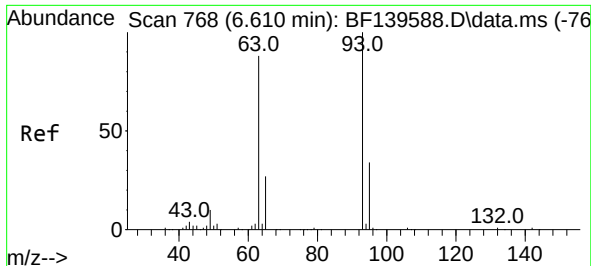


#10
Phenol
Concen: 50.957 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139685.D
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Tgt Ion: 94 Resp: 416124

Ion	Ratio	Lower	Upper
94	100		
65	40.0	15.3	55.3
66	59.6	30.5	70.5

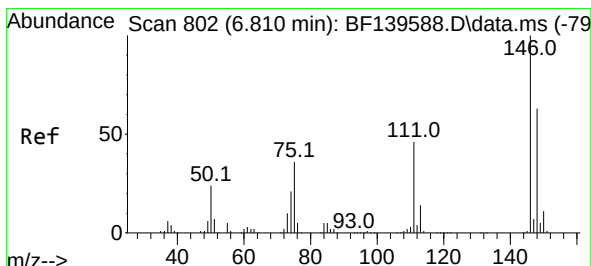
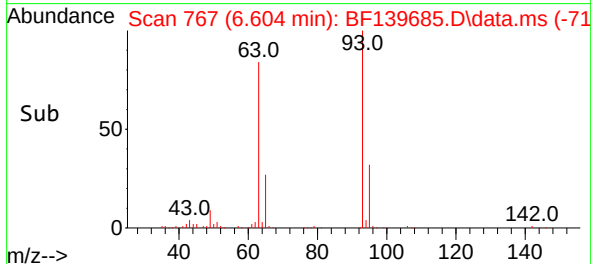
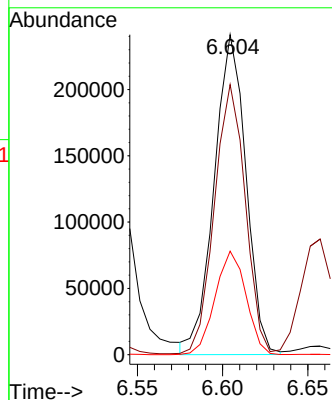
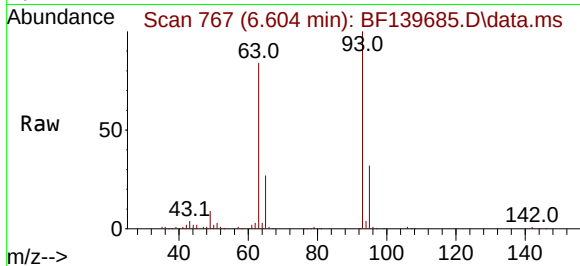




#11
bis(2-Chloroethyl)ether
Concen: 47.094 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

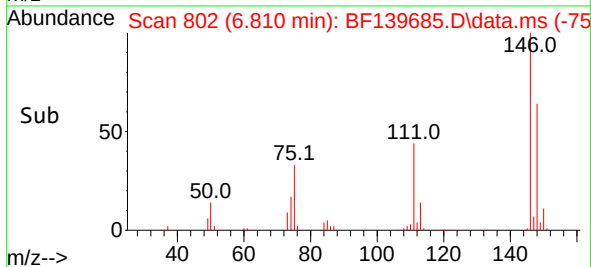
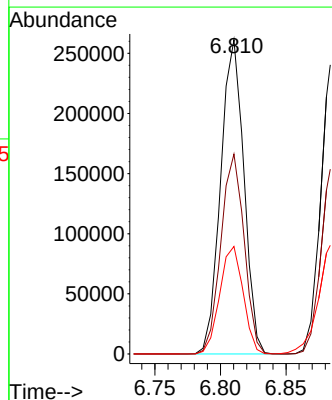
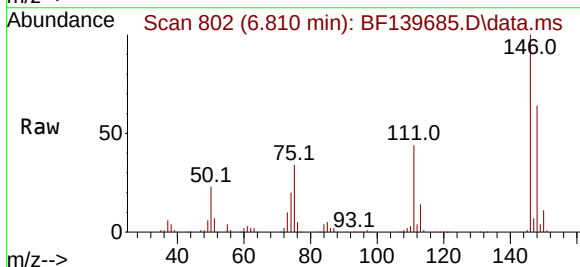
Instrument :
BNA_F
ClientSampleId :
PB163902BS

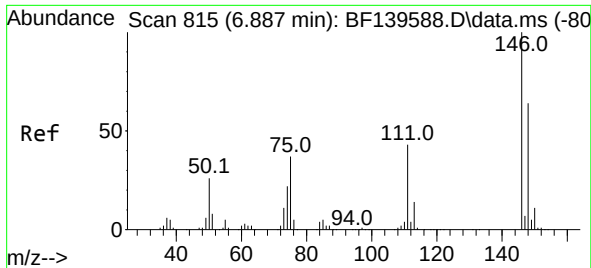
Tgt Ion: 93 Resp: 313128
Ion Ratio Lower Upper
93 100
63 84.4 64.1 104.1
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 46.163 ng
RT: 6.810 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:146 Resp: 321310
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.4
75 34.2 28.5 42.7

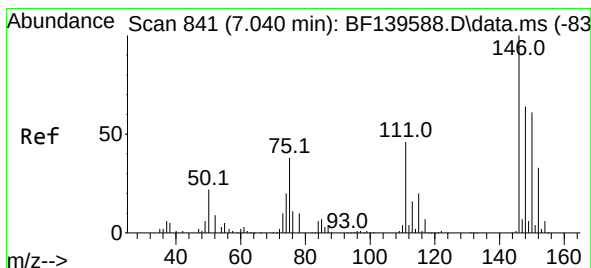
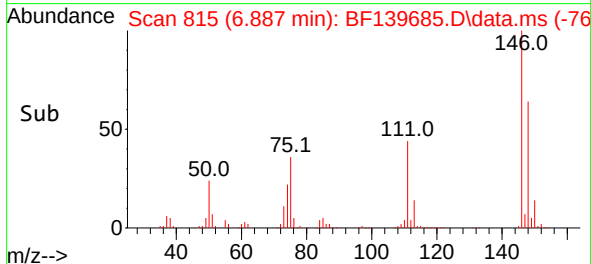
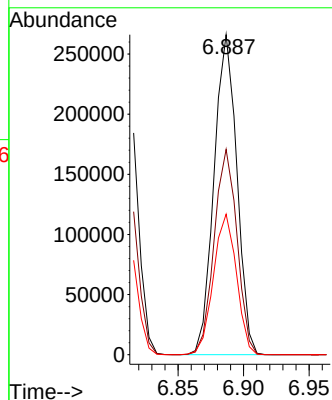
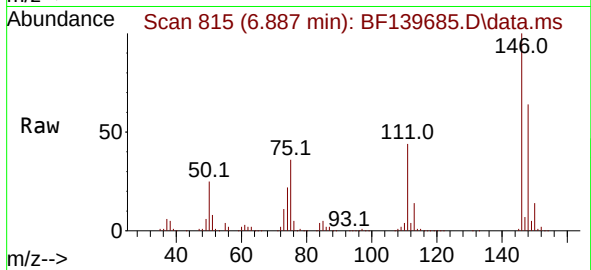




#13
1,4-Dichlorobenzene
Concen: 45.795 ng
RT: 6.887 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

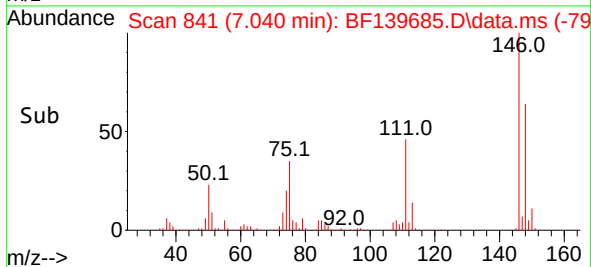
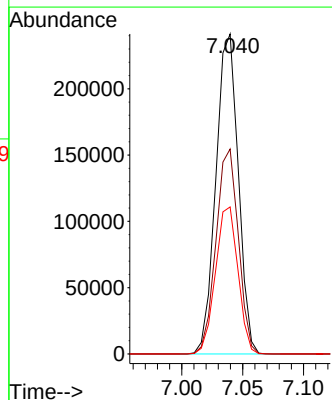
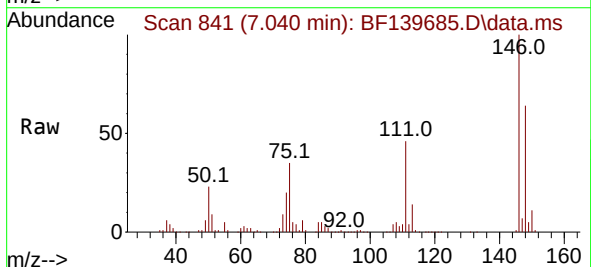
Instrument :
BNA_F
ClientSampleId :
PB163902BS

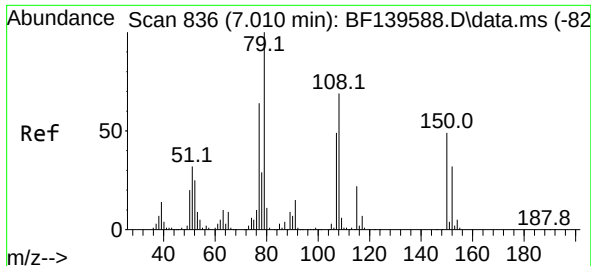
Tgt Ion:146 Resp: 322832
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 43.9 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 46.697 ng
RT: 7.040 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:146 Resp: 308525
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 45.9 37.0 55.6

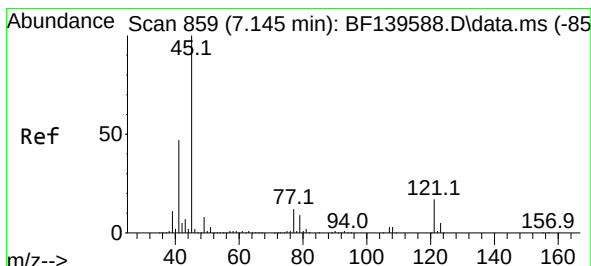
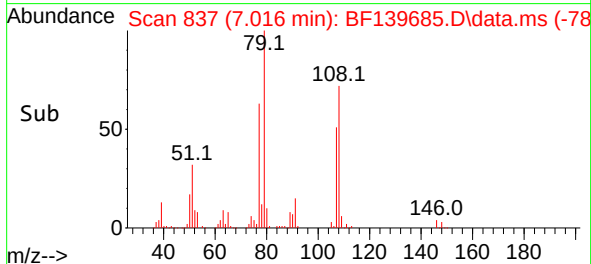
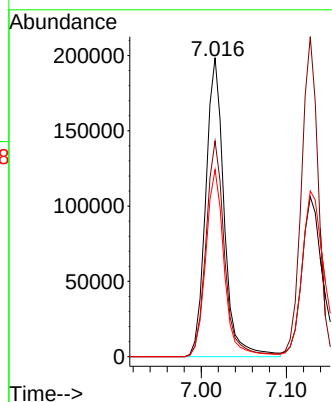
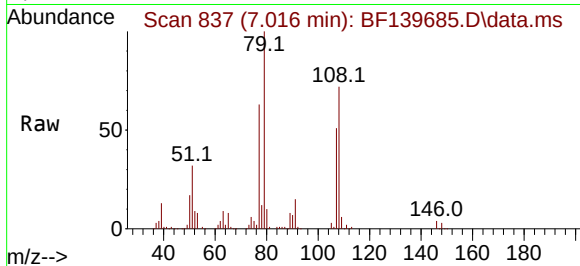




#15
Benzyl Alcohol
Concen: 50.117 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

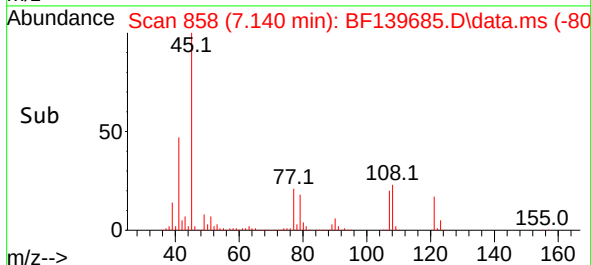
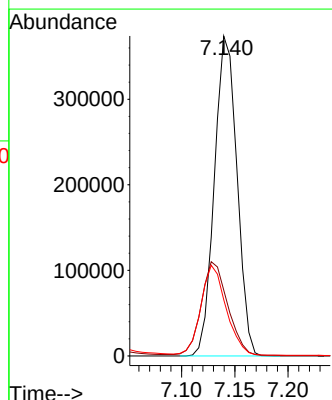
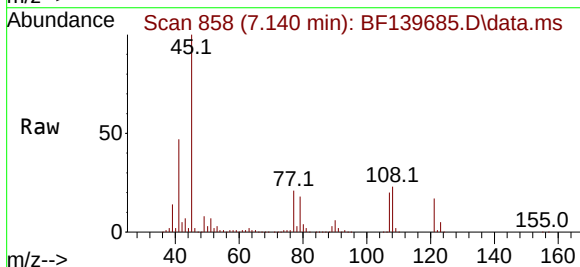
Instrument :
BNA_F
ClientSampleId :
PB163902BS

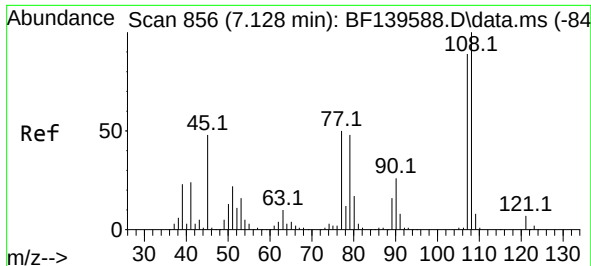
Tgt Ion: 79 Resp: 297384
Ion Ratio Lower Upper
79 100
108 72.1 55.1 82.7
77 62.6 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.848 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion: 45 Resp: 550758
Ion Ratio Lower Upper
45 100
77 20.6 0.0 32.5
79 17.6 0.0 29.7

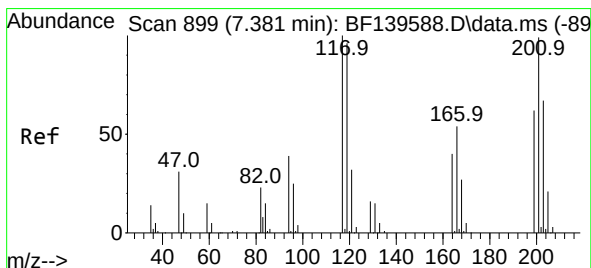
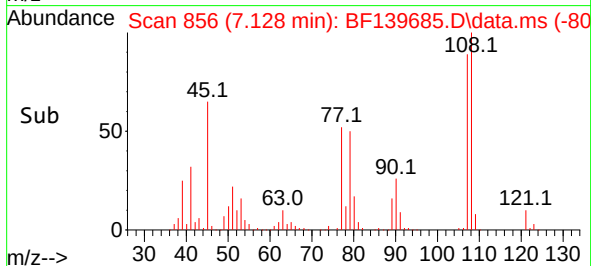
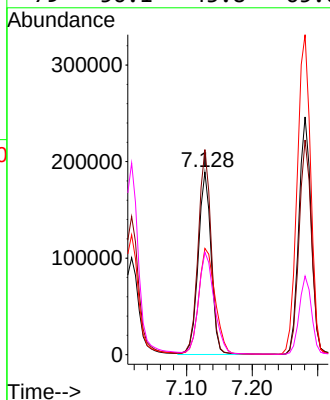
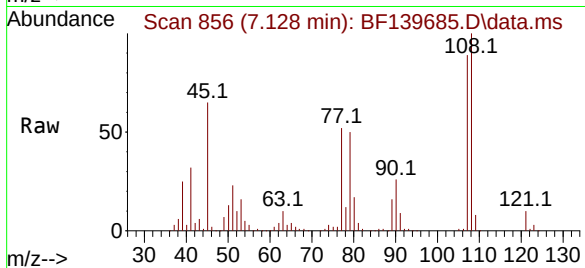




#17
2-Methylphenol
Concen: 50.183 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

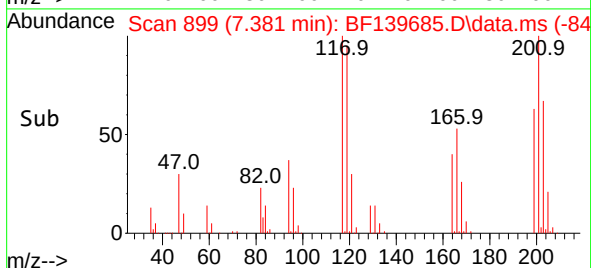
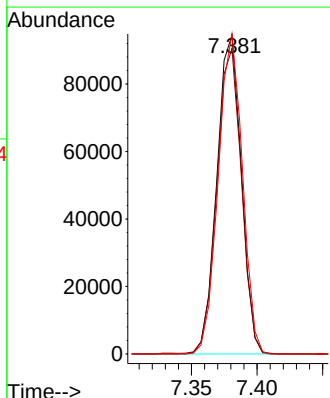
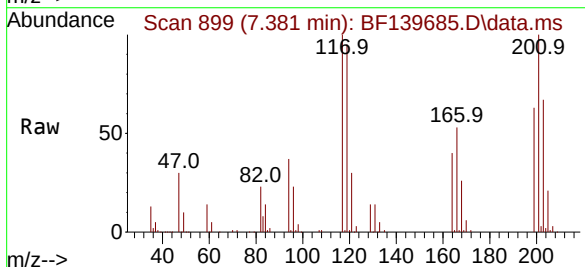
Instrument :
BNA_F
ClientSampleId :
PB163902BS

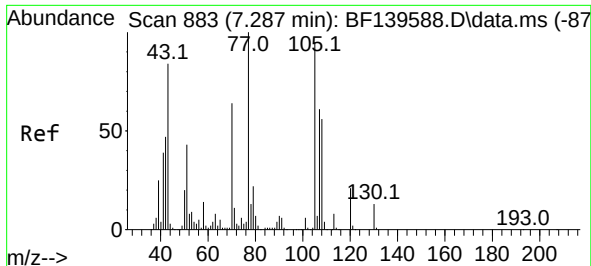
Tgt Ion:	107	Resp:	259212
Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.8	134.6
77	58.2	44.6	67.0
79	56.1	43.8	65.6



#18
Hexachloroethane
Concen: 46.433 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:	117	Resp:	122094
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.0	115.6
201	100.4	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 47.927 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF139685.D

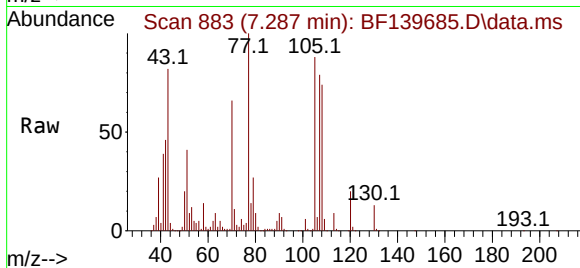
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS



Tgt Ion: 70 Resp: 239296

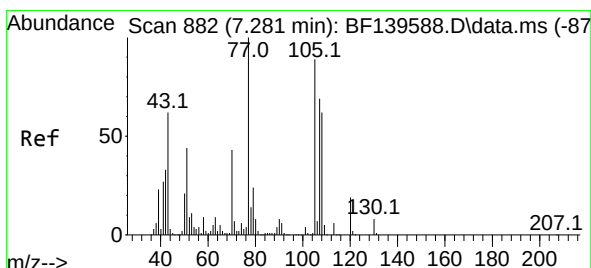
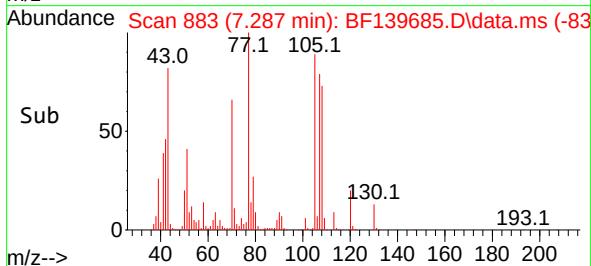
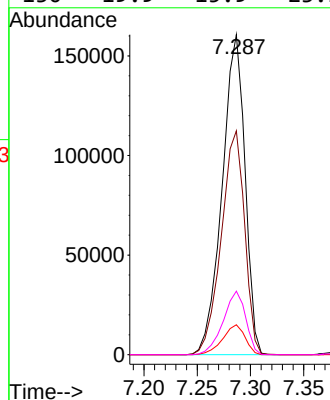
Ion Ratio Lower Upper

70 100

42 69.9 58.0 87.0

101 9.4 7.8 11.8

130 19.9 15.9 23.9



#20

3+4-Methylphenols

Concen: 49.614 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Tgt Ion: 107 Resp: 321888

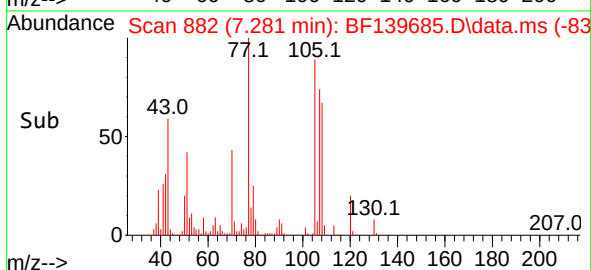
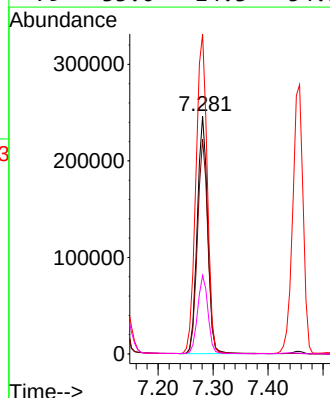
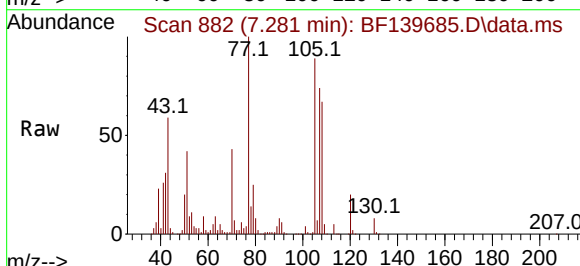
Ion Ratio Lower Upper

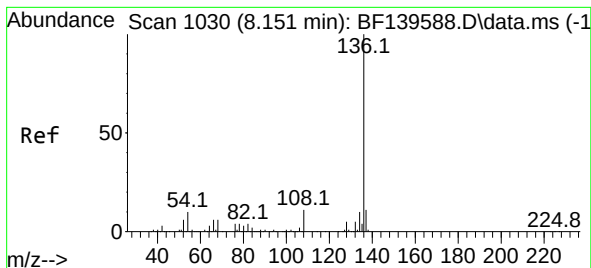
107 100

108 90.3 70.2 110.2

77 134.6 125.3 165.3

79 33.0 14.3 54.3

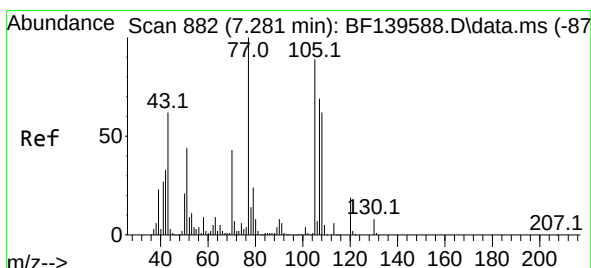
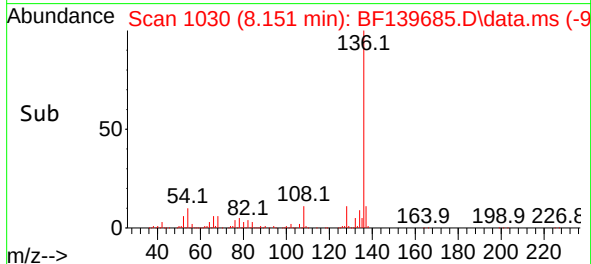
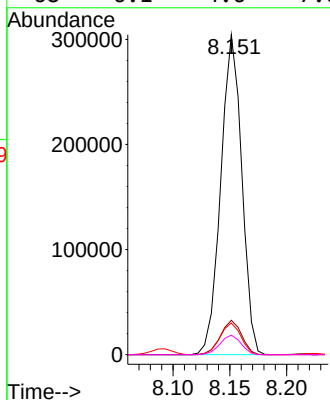
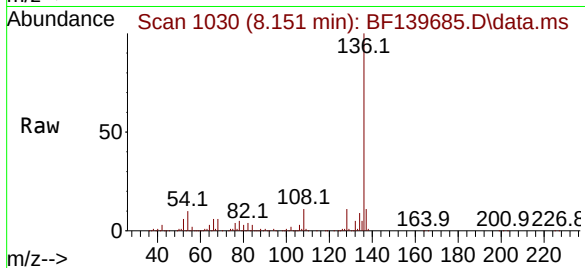




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

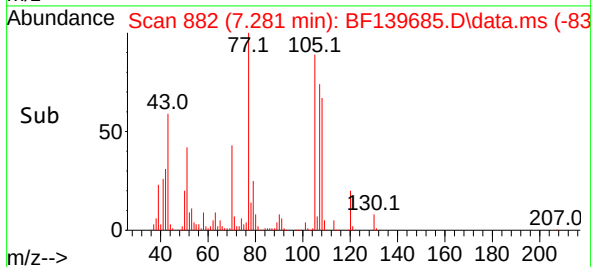
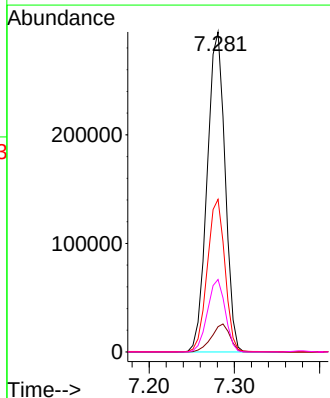
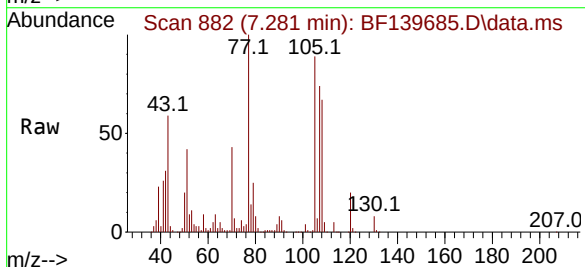
Instrument :
BNA_F
ClientSampleId :
PB163902BS

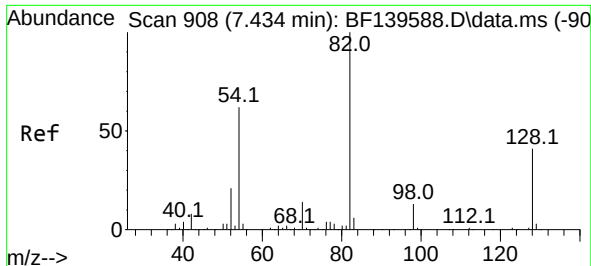
Tgt Ion:	136	Resp:	391689
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.9	8.3	12.5
68	6.1	4.6	7.0



#22
Acetophenone
Concen: 46.418 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:	105	Resp:	431574
Ion	Ratio	Lower	Upper
105	100		
71	7.9	6.6	10.0
51	47.7	39.4	59.0
120	22.7	17.4	26.2

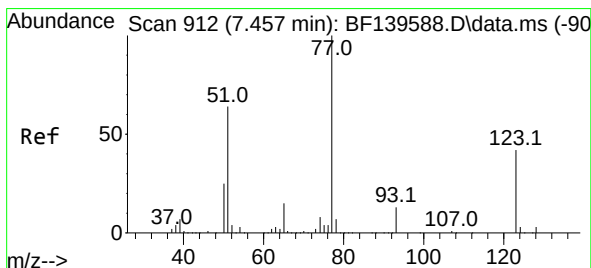
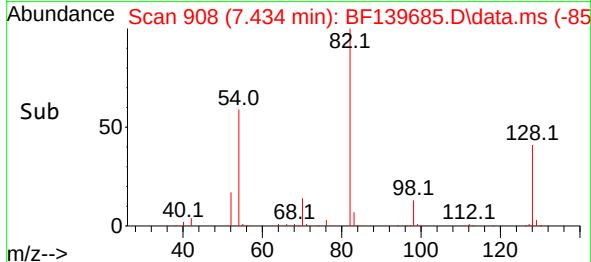
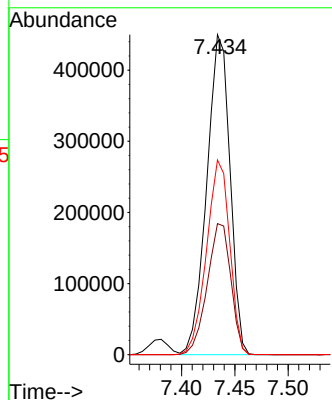
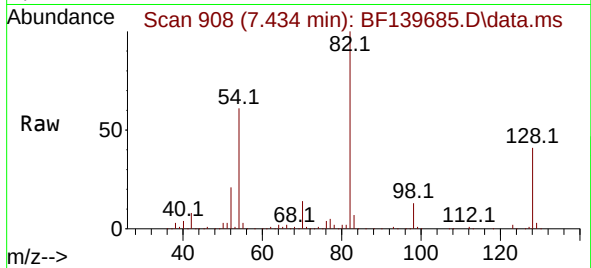




#23
Nitrobenzene-d5
Concen: 88.498 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

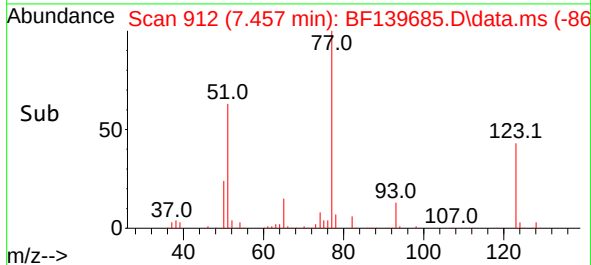
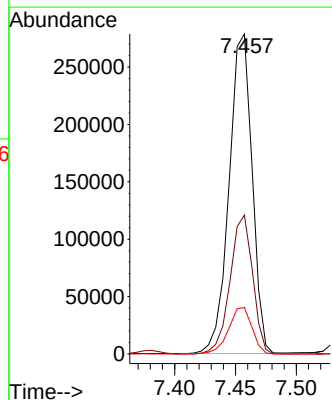
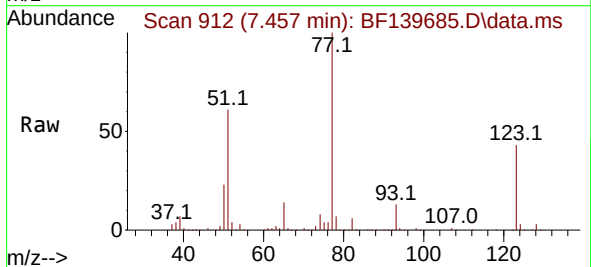
Instrument :
BNA_F
ClientSampleId :
PB163902BS

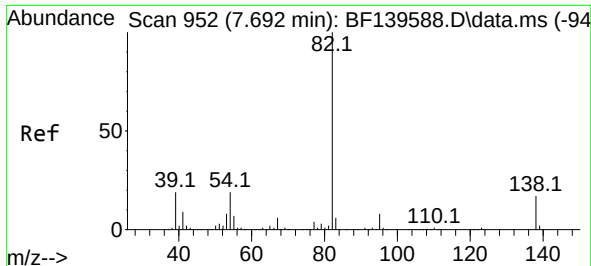
Tgt Ion: 82 Resp: 684647
Ion Ratio Lower Upper
82 100
128 41.0 32.4 48.6
54 60.8 49.1 73.7



#24
Nitrobenzene
Concen: 45.793 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion: 77 Resp: 366843
Ion Ratio Lower Upper
77 100
123 43.4 34.2 51.4
65 14.5 12.1 18.1

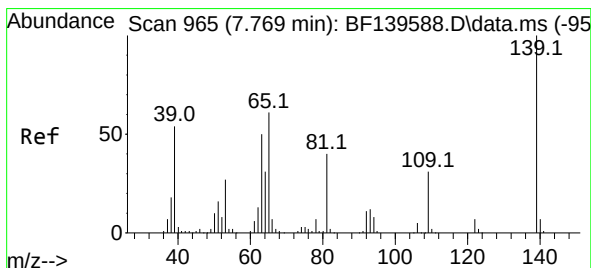
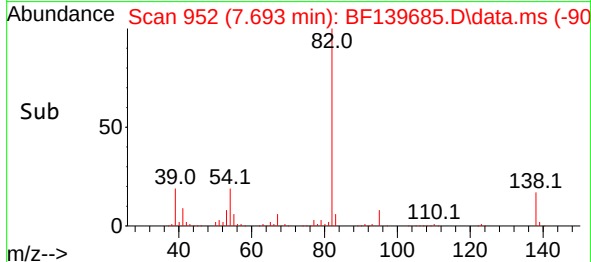
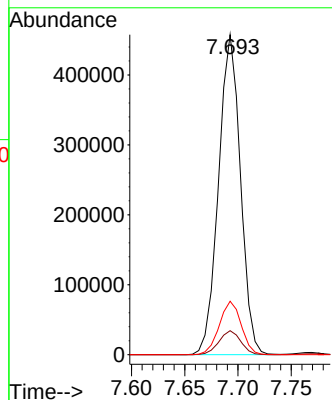
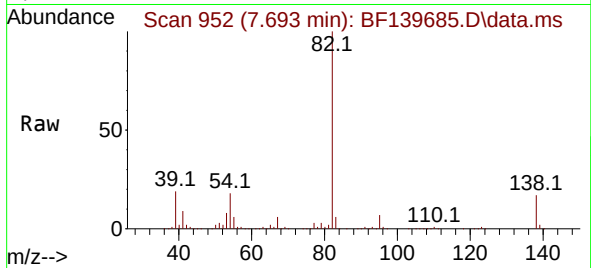




#25
Isophorone
Concen: 47.574 ng
RT: 7.693 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

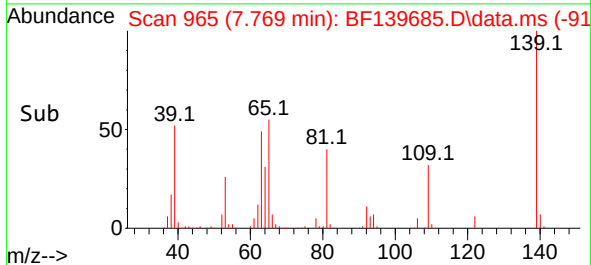
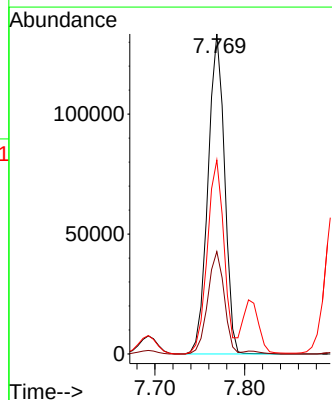
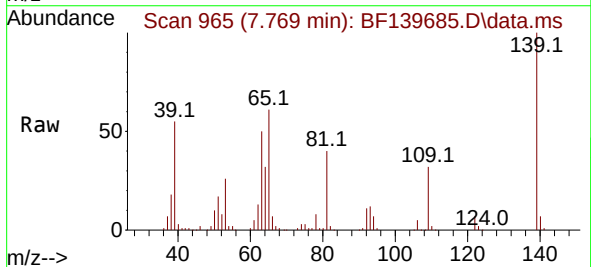
Instrument :
BNA_F
ClientSampleId :
PB163902BS

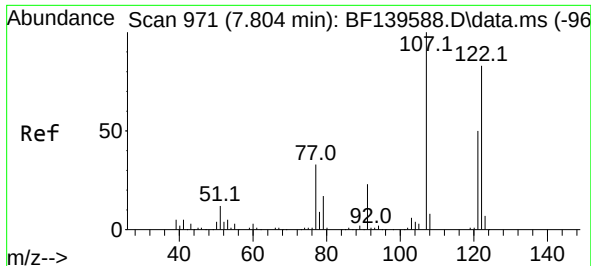
Tgt Ion: 82 Resp: 653687
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.7 13.4 20.2



#26
2-Nitrophenol
Concen: 49.751 ng
RT: 7.769 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:139 Resp: 171334
Ion Ratio Lower Upper
139 100
109 32.0 24.9 37.3
65 60.6 48.6 72.8

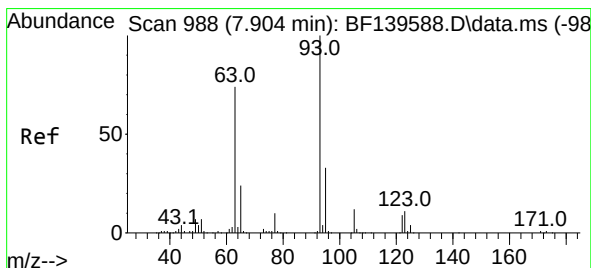
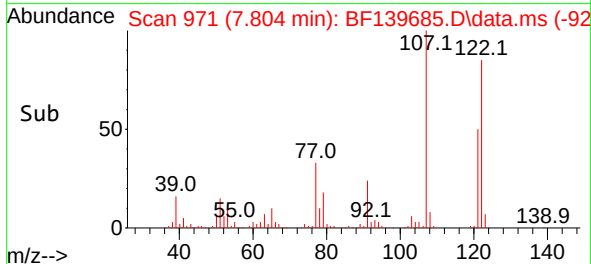
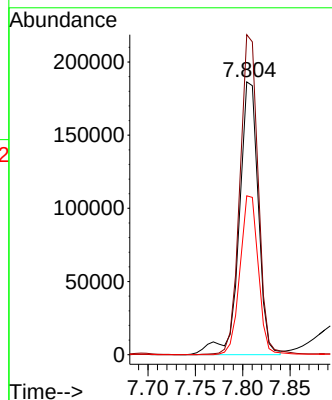
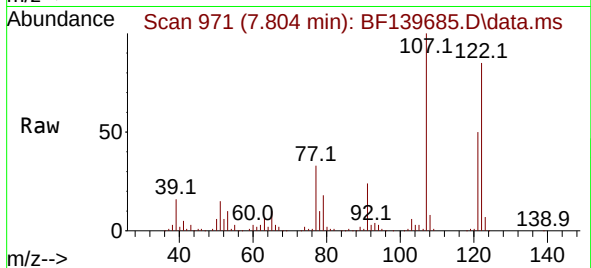




#27
2,4-Dimethylphenol
Concen: 61.923 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

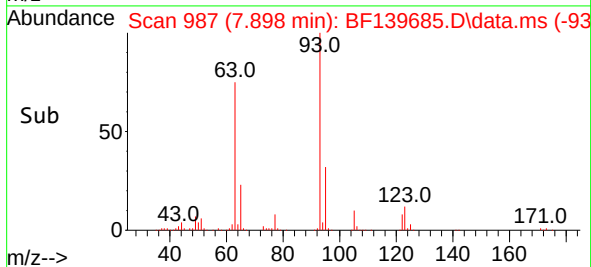
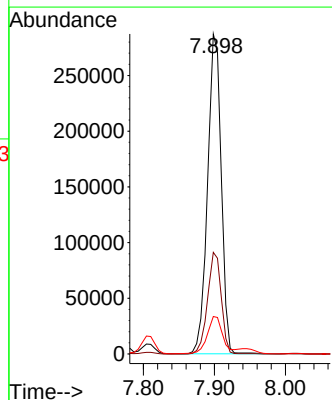
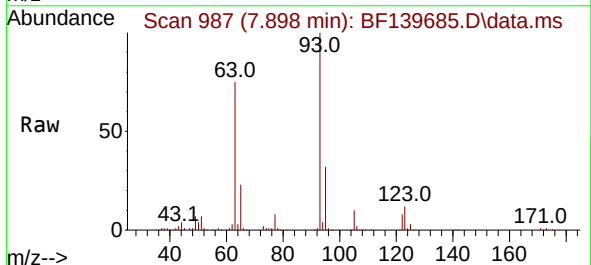
Instrument :
BNA_F
ClientSampleId :
PB163902BS

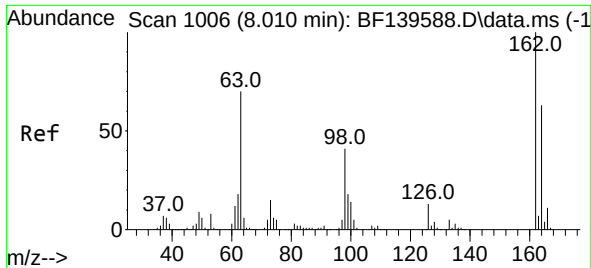
Tgt Ion:122 Resp: 261064
Ion Ratio Lower Upper
122 100
107 117.3 95.4 143.0
121 58.3 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 46.859 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion: 93 Resp: 384475
Ion Ratio Lower Upper
93 100
95 31.7 26.5 39.7
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.067 ng

RT: 8.016 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

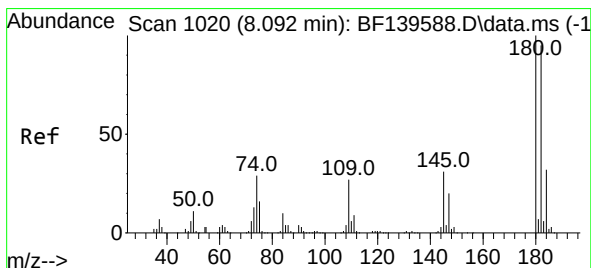
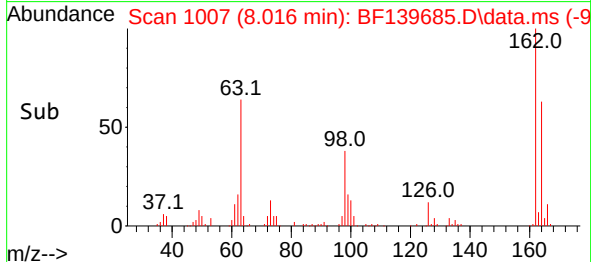
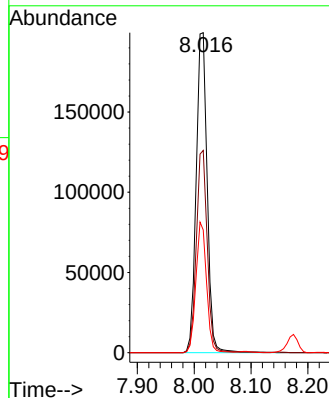
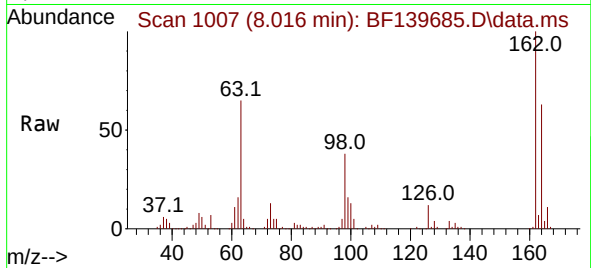
Tgt Ion:162 Resp: 269825

Ion Ratio Lower Upper

162 100

164 63.2 43.1 83.1

98 38.4 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 43.811 ng

RT: 8.092 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

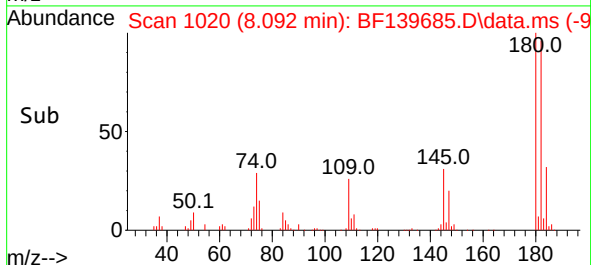
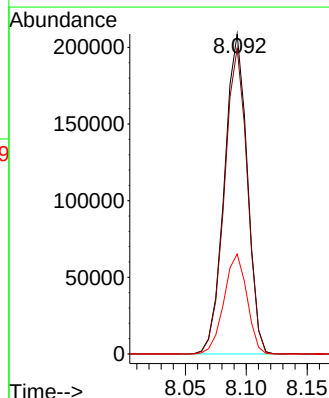
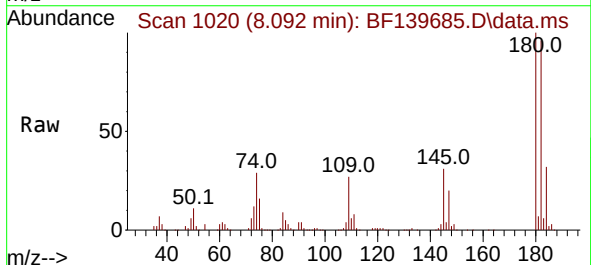
Tgt Ion:180 Resp: 272456

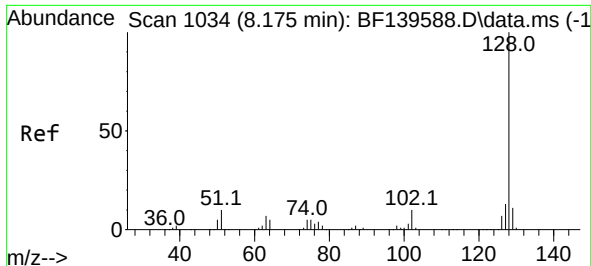
Ion Ratio Lower Upper

180 100

182 95.6 76.0 114.0

145 31.3 25.0 37.6

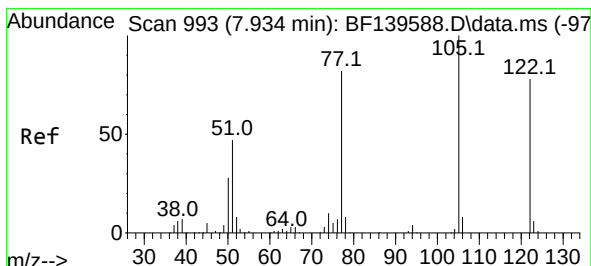
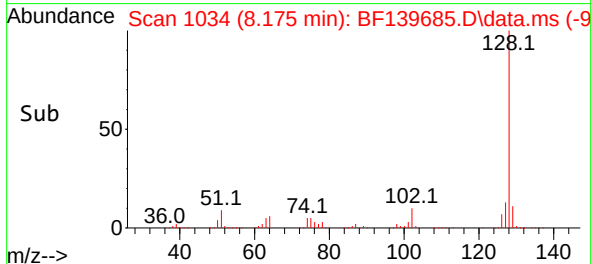
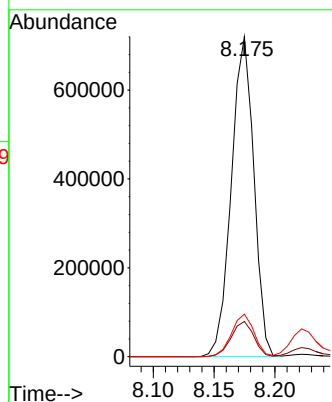
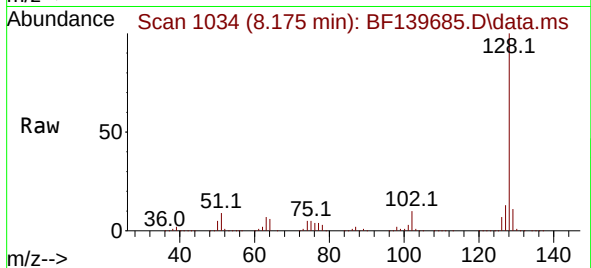




#31
Naphthalene
Concen: 46.236 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

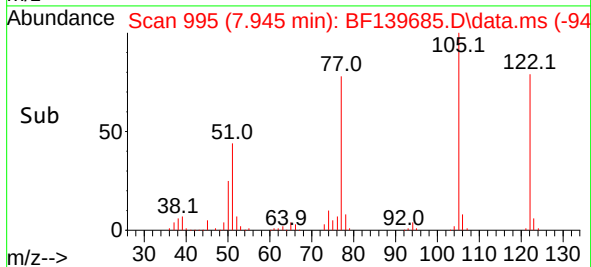
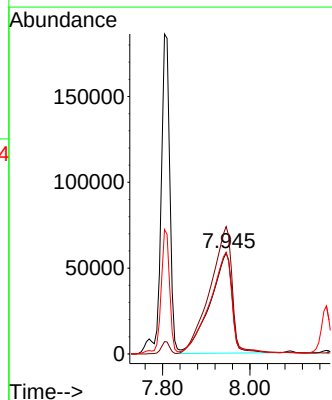
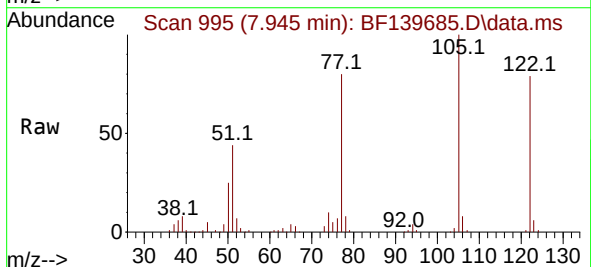
Instrument :
BNA_F
ClientSampleId :
PB163902BS

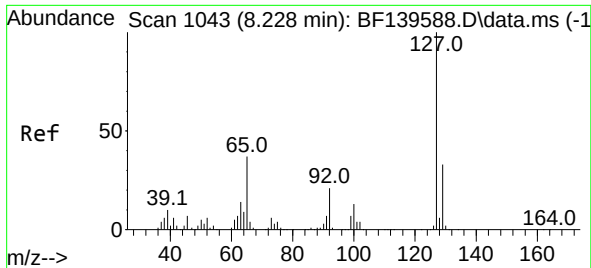
Tgt Ion:128 Resp: 925954
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 48.726 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:122 Resp: 204268
Ion Ratio Lower Upper
122 100
105 126.3 104.9 144.9
77 100.9 82.7 122.7

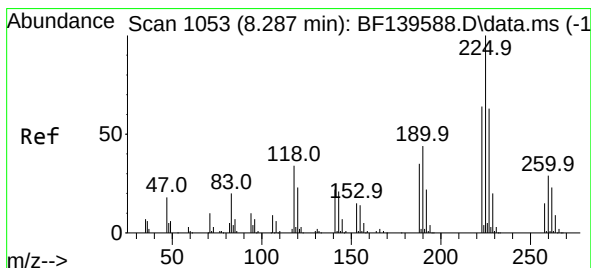
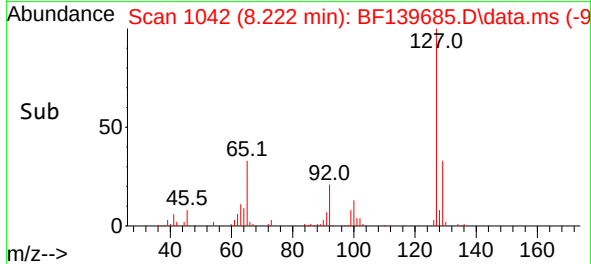
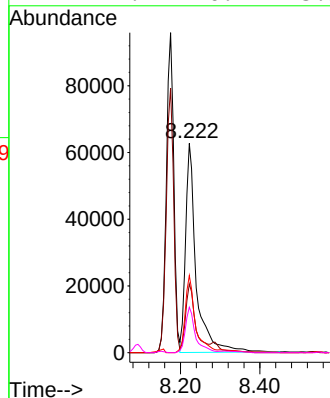
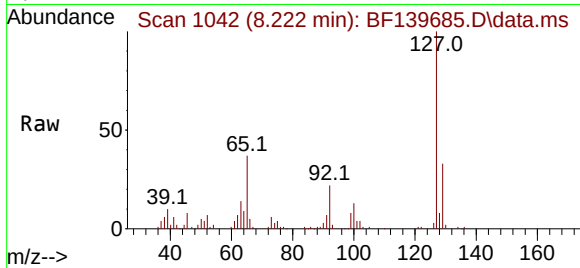




#33
4-Chloroaniline
Concen: 17.320 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

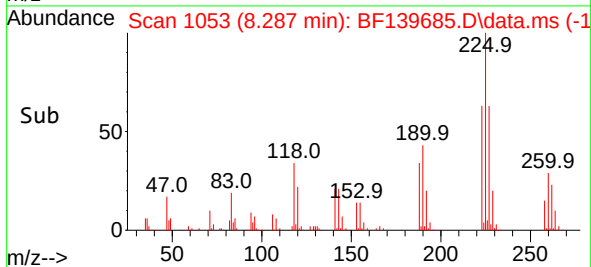
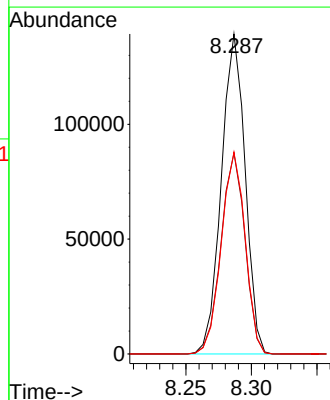
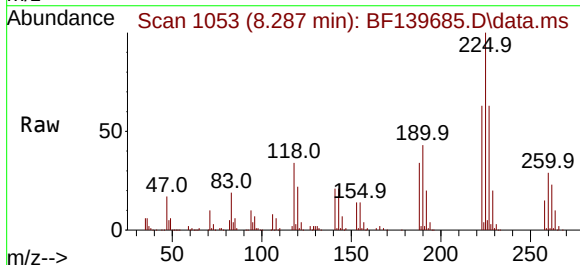
Instrument :
BNA_F
ClientSampleId :
PB163902BS

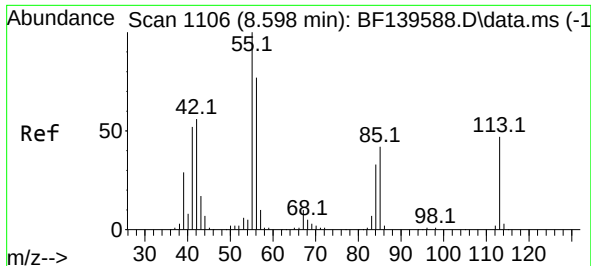
Tgt Ion:	127	Resp:	117413
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	36.8	29.3	43.9
92	21.7	16.9	25.3



#34
Hexachlorobutadiene
Concen: 43.630 ng
RT: 8.287 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:	225	Resp:	175591
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.9	76.3
227	63.1	50.7	76.1

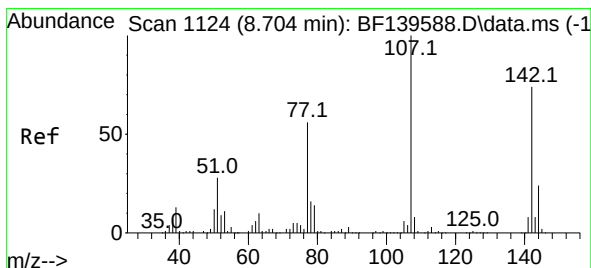
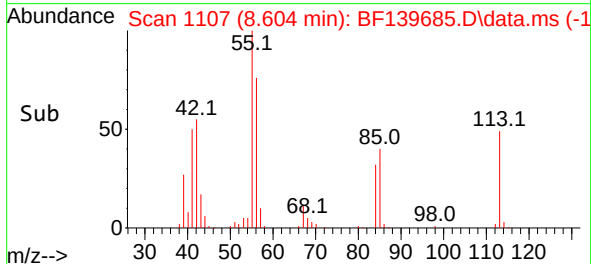
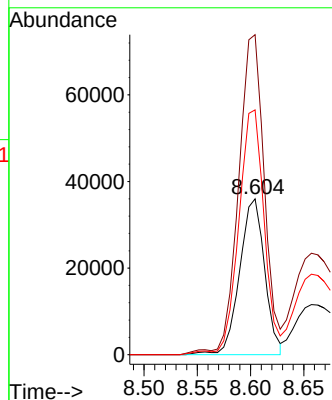
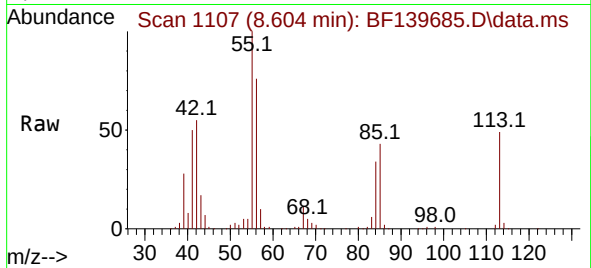




#35
 Caprolactam
 Concen: 32.664 ng
 RT: 8.604 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF139685.D
 Acq: 07 Oct 2024 14:35

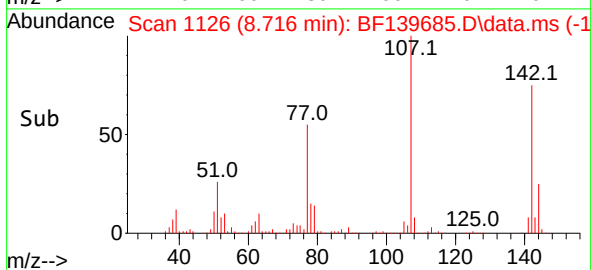
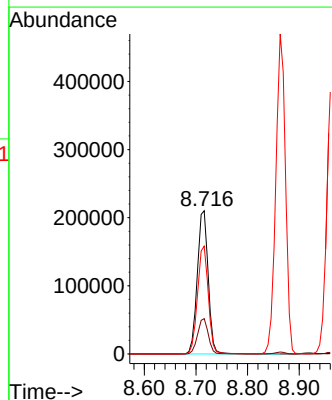
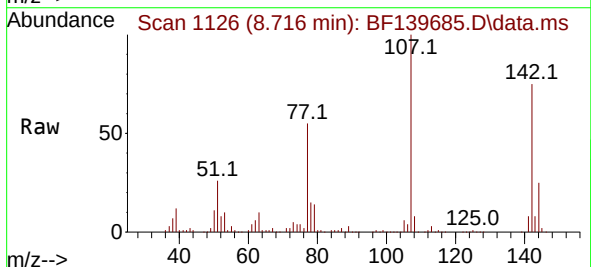
Instrument :
 BNA_F
 ClientSampleId :
 PB163902BS

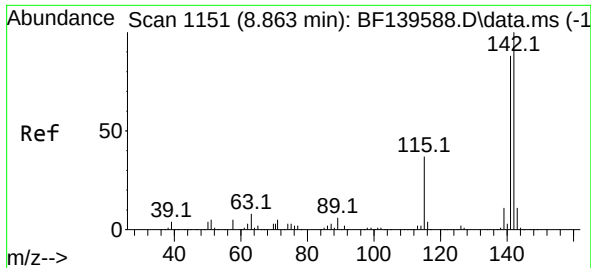
Tgt Ion:113 Resp: 58915
 Ion Ratio Lower Upper
 113 100
 55 205.3 193.4 233.4
 56 157.0 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 49.507 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF139685.D
 Acq: 07 Oct 2024 14:35

Tgt Ion:107 Resp: 308180
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.0 28.6
 142 75.3 59.2 88.8

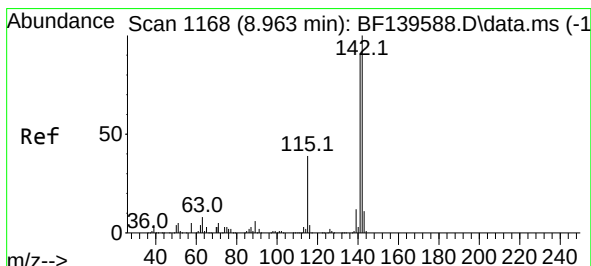
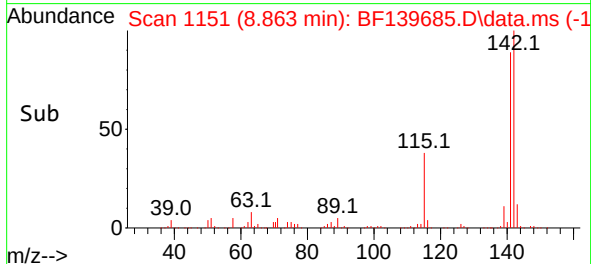
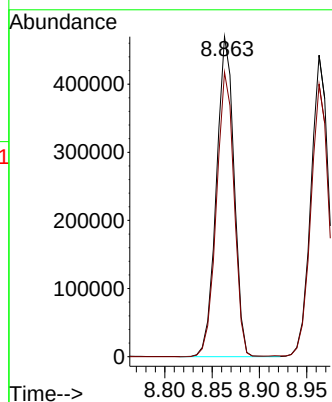
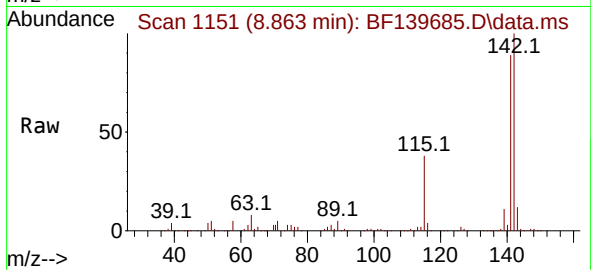




#37
2-Methylnaphthalene
Concen: 46.802 ng
RT: 8.863 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

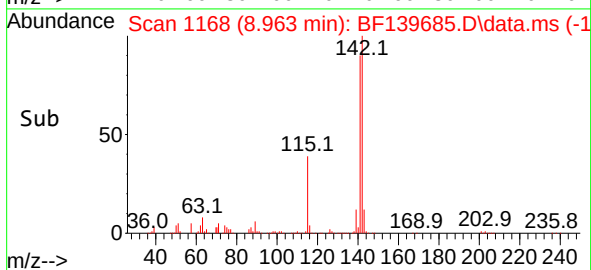
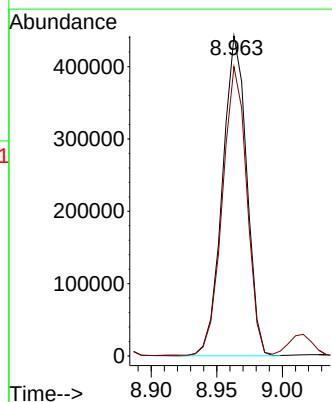
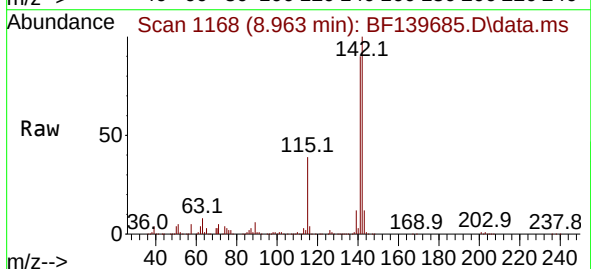
Instrument :
BNA_F
ClientSampleId :
PB163902BS

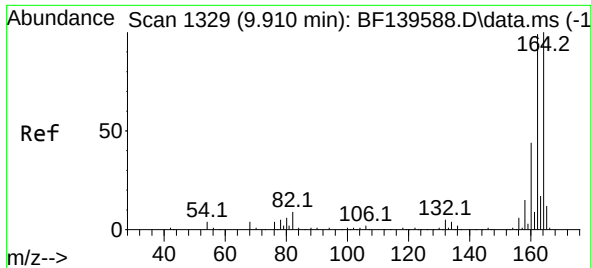
Tgt Ion:142 Resp: 610438
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6



#38
1-Methylnaphthalene
Concen: 44.640 ng
RT: 8.963 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:142 Resp: 569133
Ion Ratio Lower Upper
142 100
141 90.4 73.0 109.4

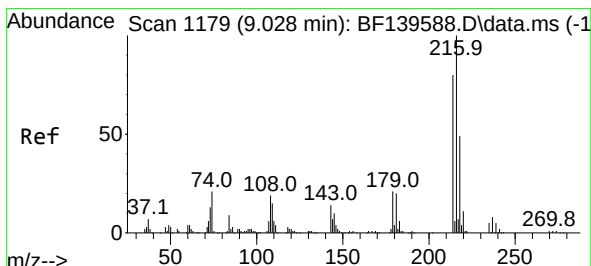
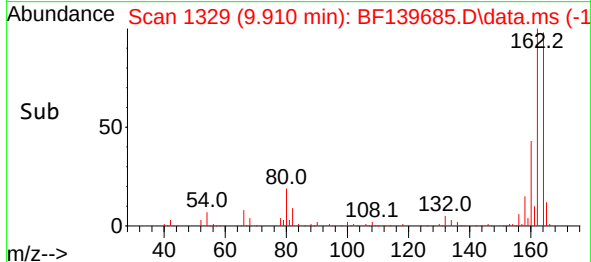
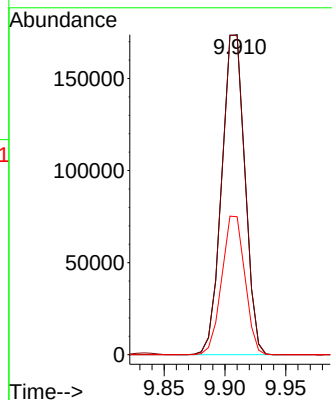
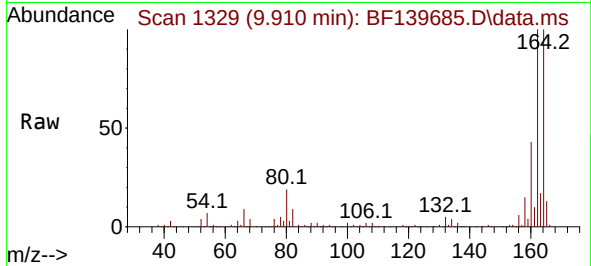




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

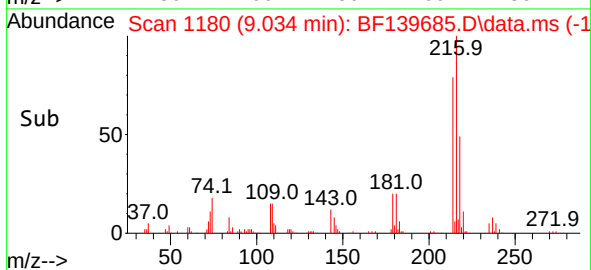
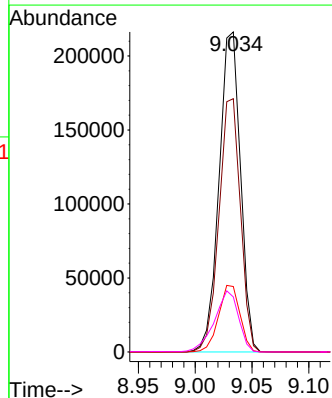
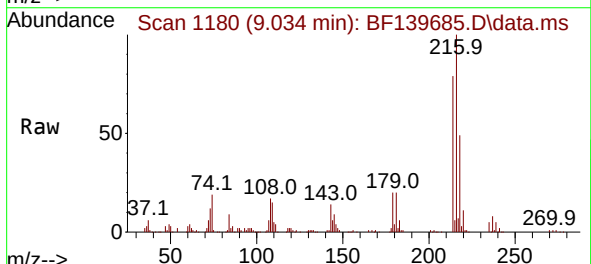
Instrument :
BNA_F
ClientSampleId :
PB163902BS

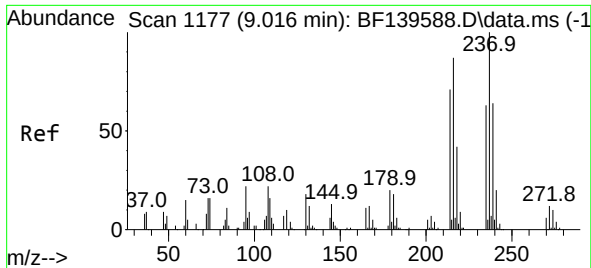
Tgt Ion:164 Resp: 230281
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 43.1 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.408 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:216 Resp: 283973
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 20.8 16.9 25.3
108 21.6 15.4 23.2

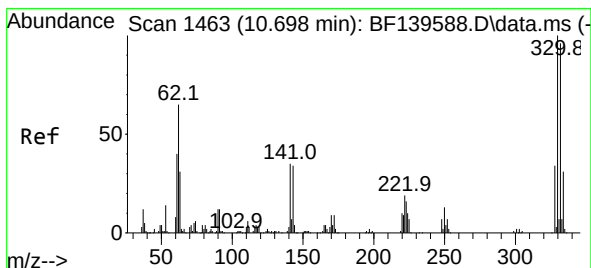
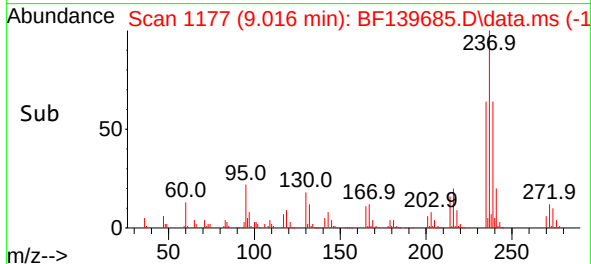
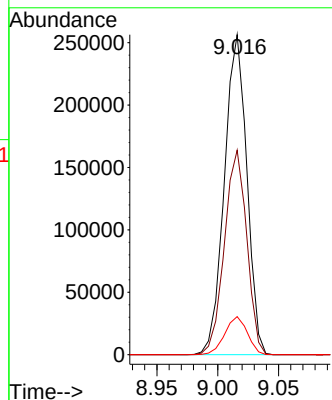
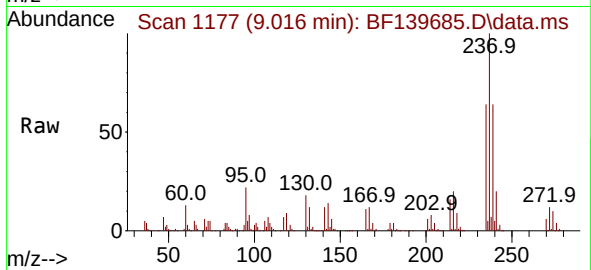




#41
Hexachlorocyclopentadiene
Concen: 168.123 ng
RT: 9.016 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

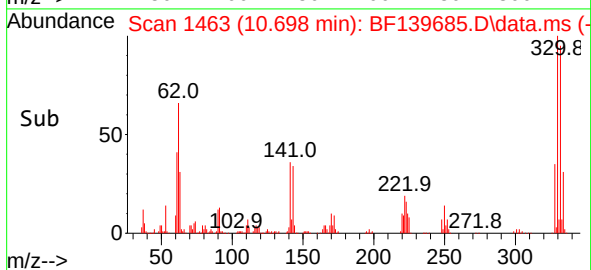
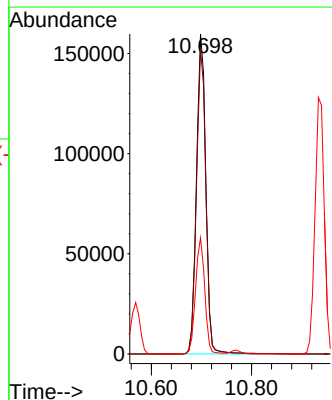
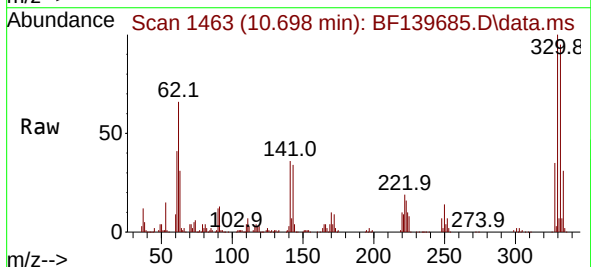
Instrument :
BNA_F
ClientSampleId :
PB163902BS

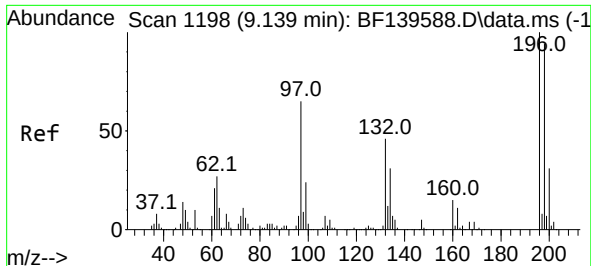
Tgt Ion:237 Resp: 329647
Ion Ratio Lower Upper
237 100
235 63.9 42.5 82.5
272 11.9 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 93.180 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:330 Resp: 207138
Ion Ratio Lower Upper
330 100
332 95.2 76.5 114.7
141 35.7 29.3 43.9

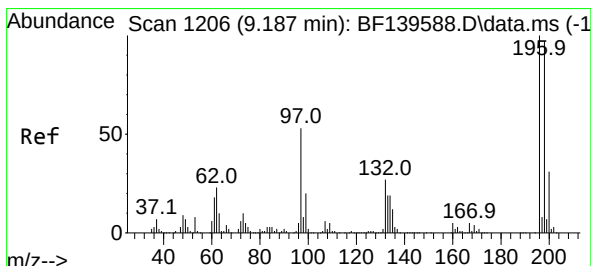
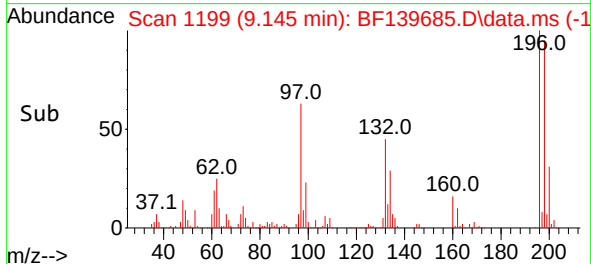
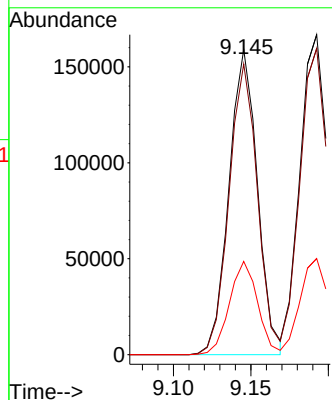
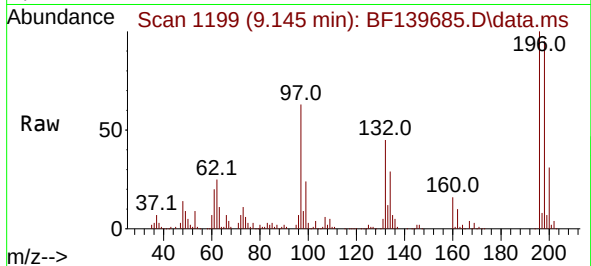




#43
2,4,6-Trichlorophenol
Concen: 47.147 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

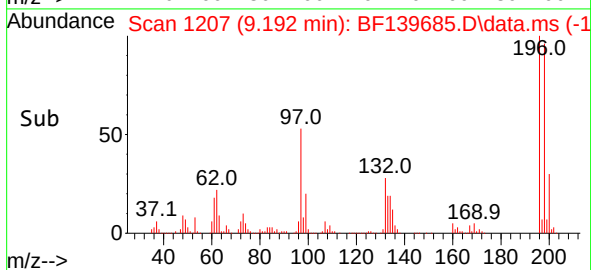
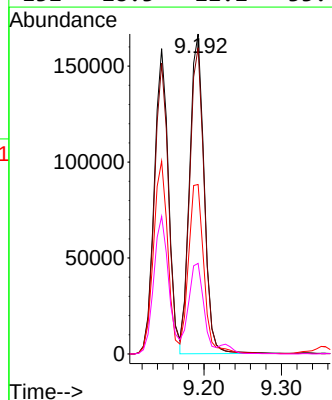
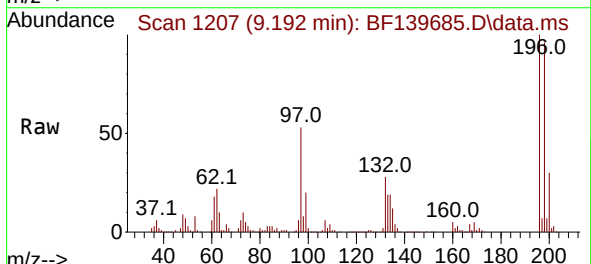
Instrument :
BNA_F
ClientSampleId :
PB163902BS

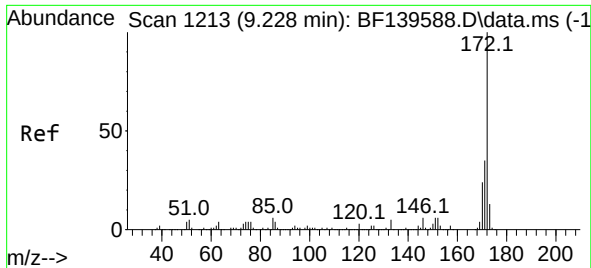
Tgt Ion:196 Resp: 203240
Ion Ratio Lower Upper
196 100
198 95.2 75.2 112.8
200 30.6 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 46.651 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:196 Resp: 216870
Ion Ratio Lower Upper
196 100
198 95.7 77.5 116.3
97 53.0 43.1 64.7
132 28.3 22.2 33.4

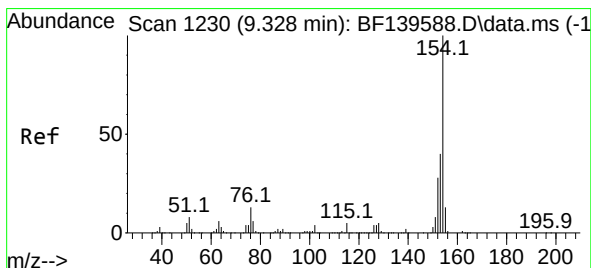
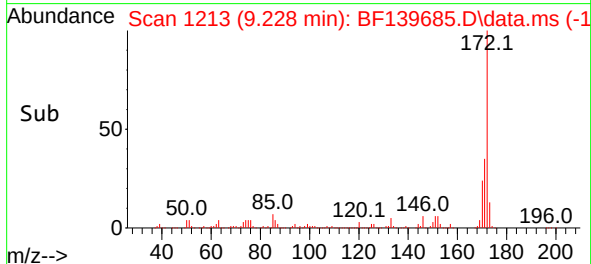
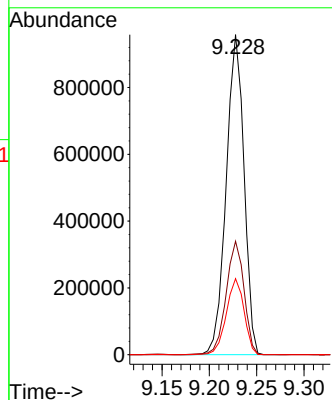
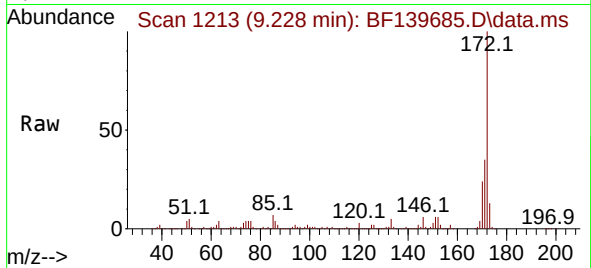




#45
2-Fluorobiphenyl
Concen: 83.755 ng
RT: 9.228 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

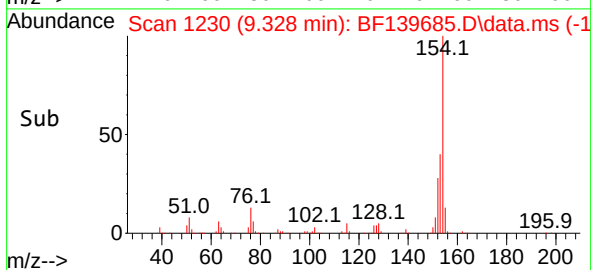
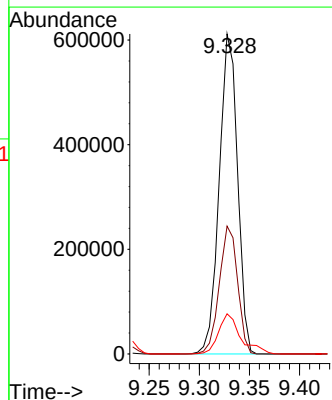
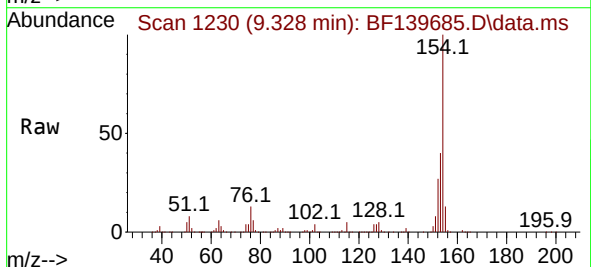
Instrument :
BNA_F
ClientSampleId :
PB163902BS

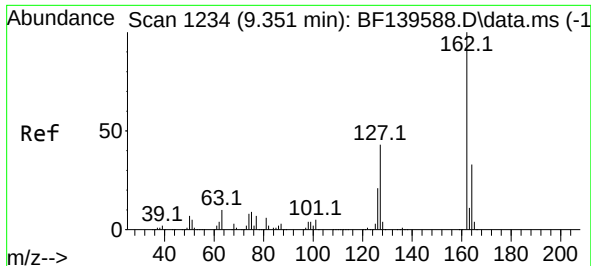
Tgt Ion:172 Resp: 1256347
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 45.219 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:154 Resp: 774495
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 12.6 0.0 32.6

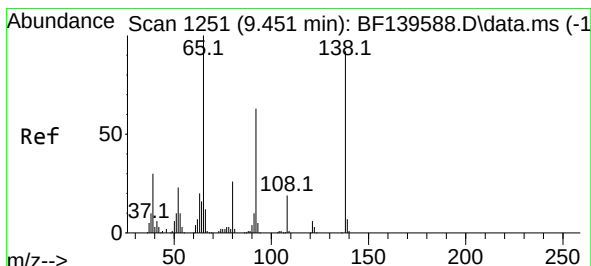
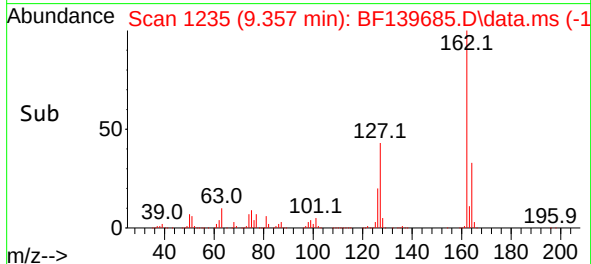
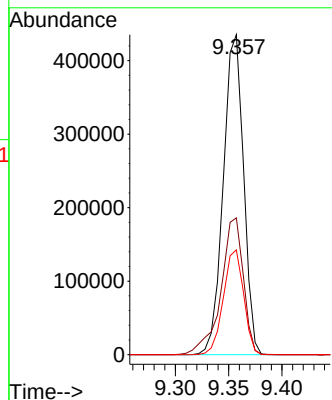
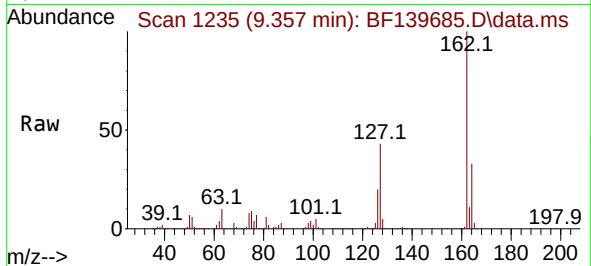




#47
2-Chloronaphthalene
Concen: 44.846 ng
RT: 9.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

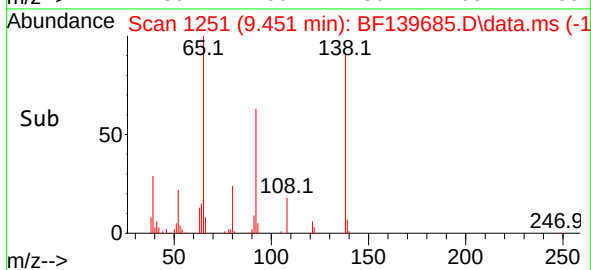
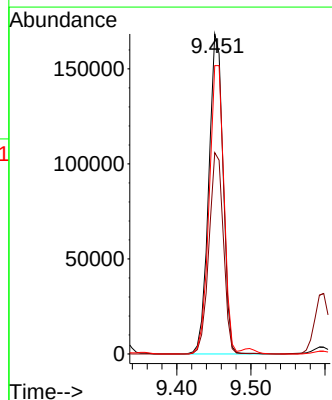
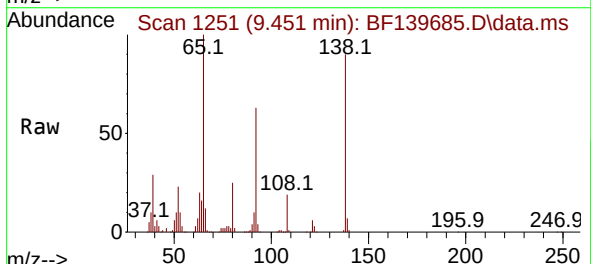
Instrument :
BNA_F
ClientSampleId :
PB163902BS

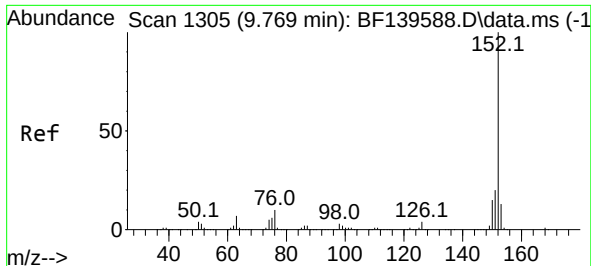
Tgt Ion:162 Resp: 575827
Ion Ratio Lower Upper
162 100
127 42.7 35.0 52.4
164 32.8 26.1 39.1



#48
2-Nitroaniline
Concen: 49.116 ng
RT: 9.451 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion: 65 Resp: 226385
Ion Ratio Lower Upper
65 100
92 62.9 50.0 75.0
138 90.1 73.8 110.8





#49

Acenaphthylene

Concen: 48.743 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

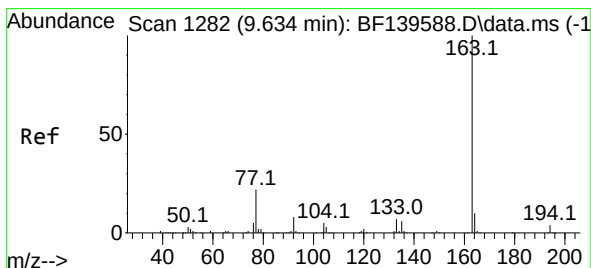
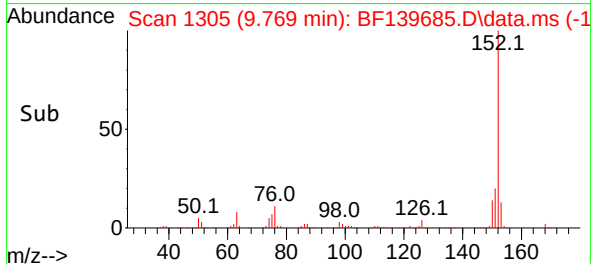
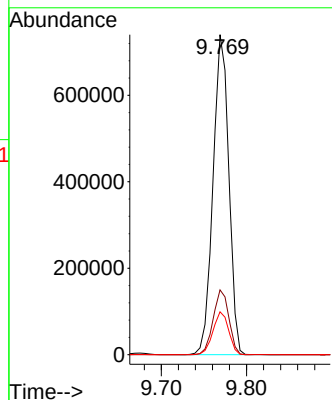
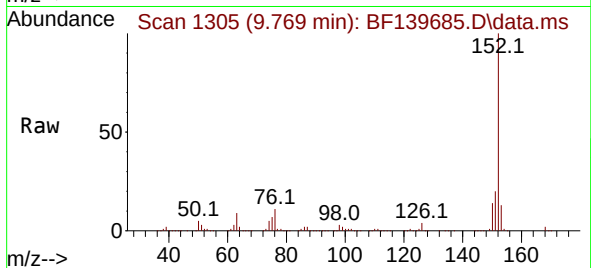
Tgt Ion:152 Resp: 951796

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.4 10.5 15.7



#50

Dimethylphthalate

Concen: 48.272 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

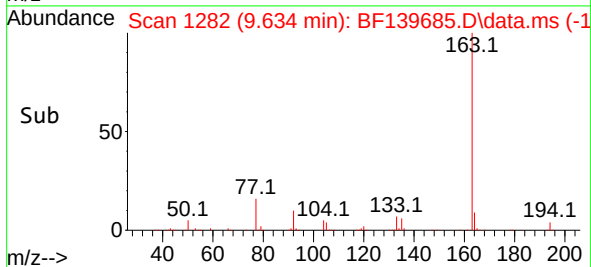
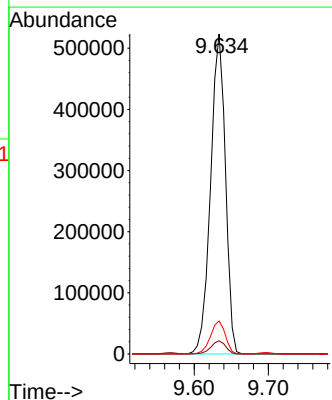
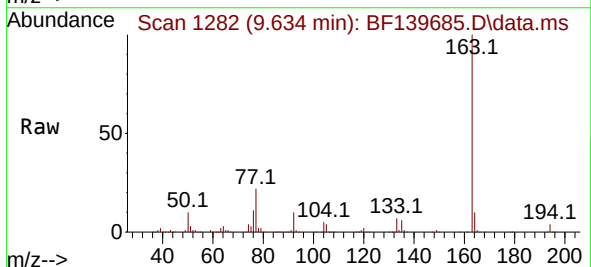
Tgt Ion:163 Resp: 727668

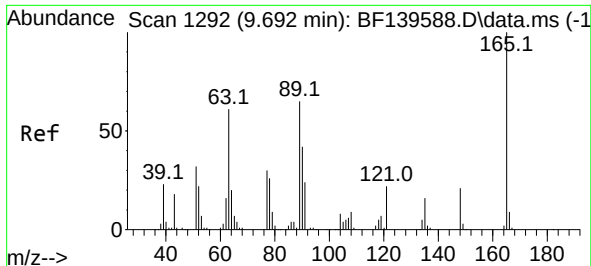
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.3 8.1 12.1

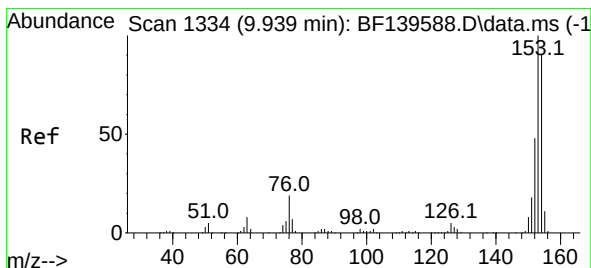
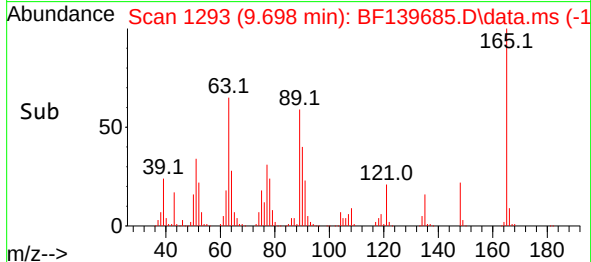
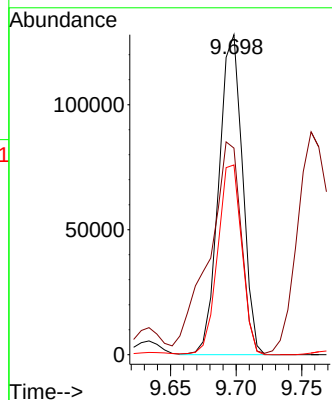
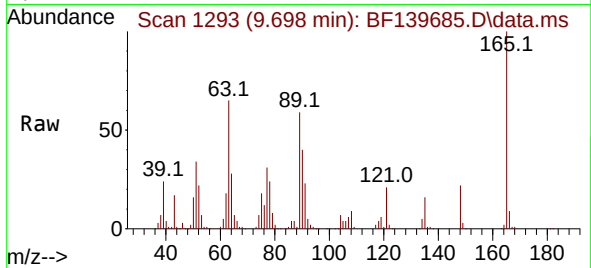




#51
2,6-Dinitrotoluene
Concen: 47.108 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

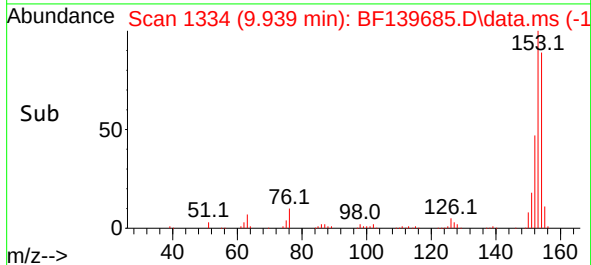
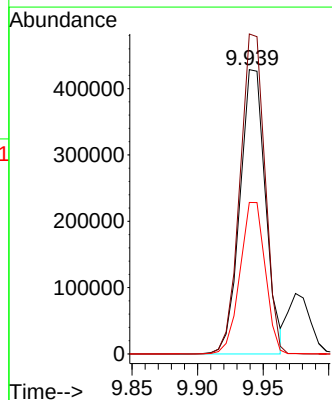
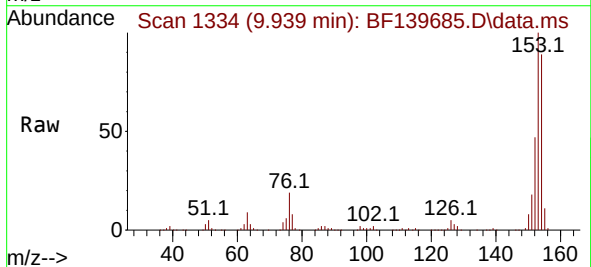
Instrument :
BNA_F
ClientSampleId :
PB163902BS

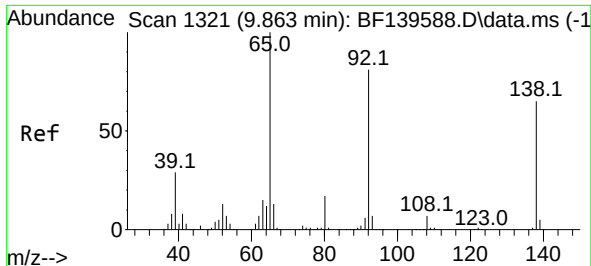
Tgt Ion:165 Resp: 160416
Ion Ratio Lower Upper
165 100
63 64.6 56.7 85.1
89 59.3 51.6 77.4



#52
Acenaphthene
Concen: 43.551 ng
RT: 9.939 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:154 Resp: 583806
Ion Ratio Lower Upper
154 100
153 112.5 88.8 133.2
152 53.3 42.5 63.7

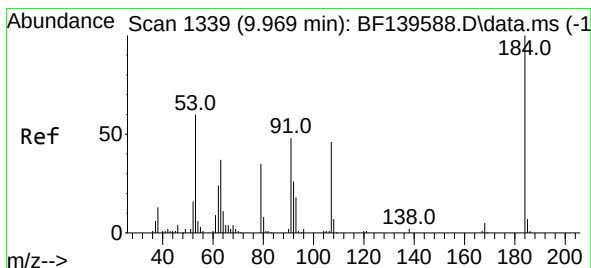
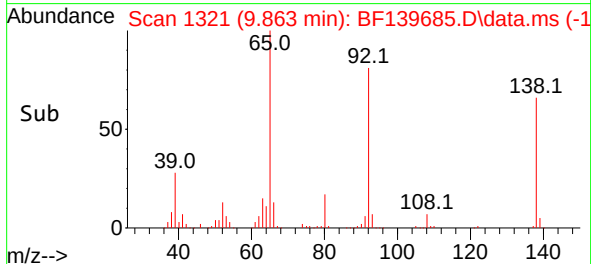
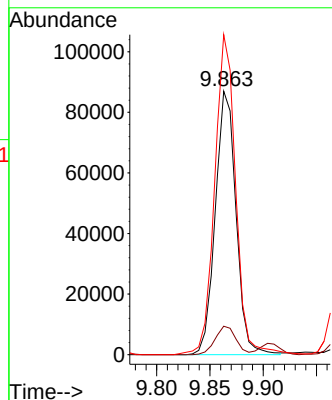
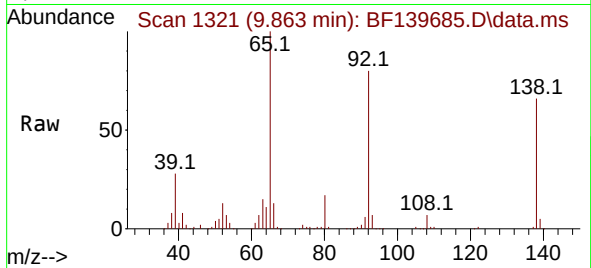




#53
3-Nitroaniline
Concen: 33.793 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

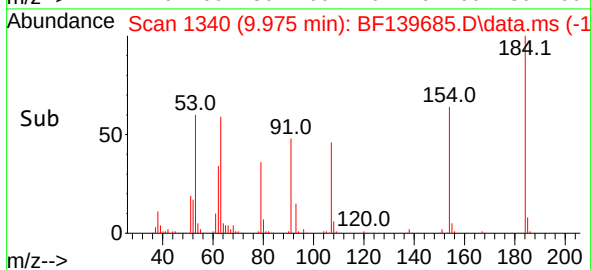
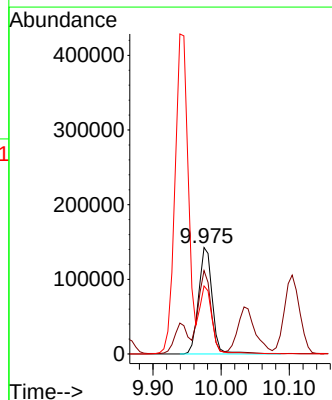
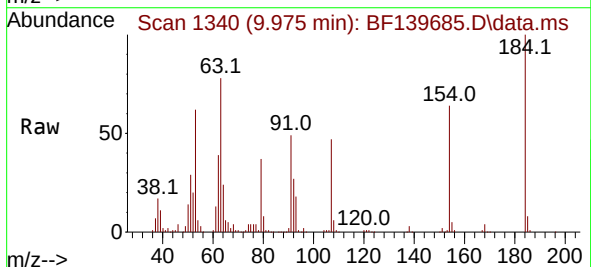
Instrument :
BNA_F
ClientSampleId :
PB163902BS

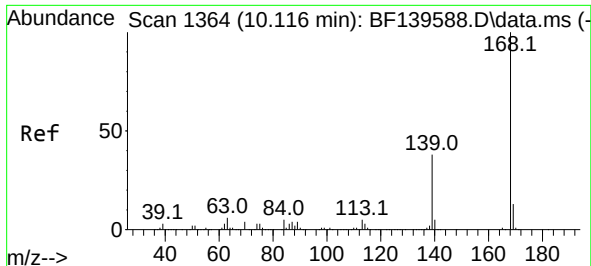
Tgt Ion:138 Resp: 117596
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 121.4 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 108.728 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:184 Resp: 199141
Ion Ratio Lower Upper
184 100
63 78.3 61.7 92.5
154 63.9 53.0 79.4

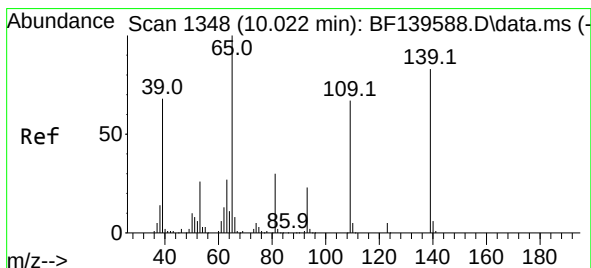
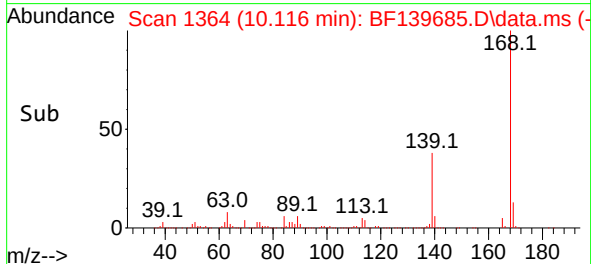
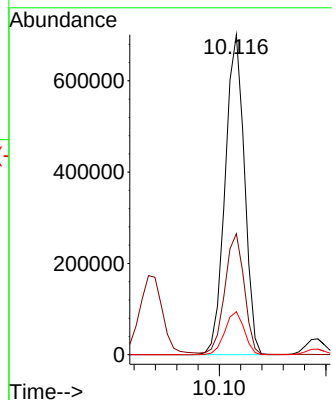
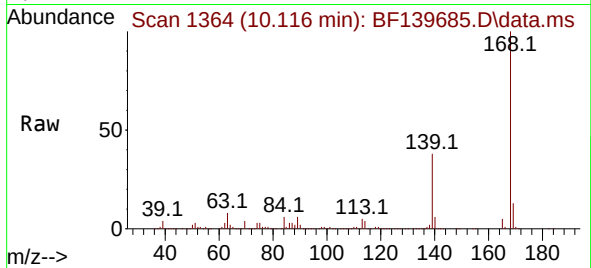




#55
Dibenzenofuran
Concen: 46.807 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

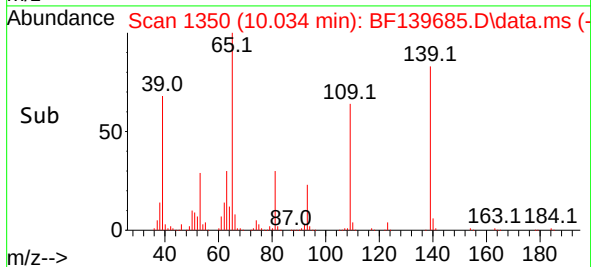
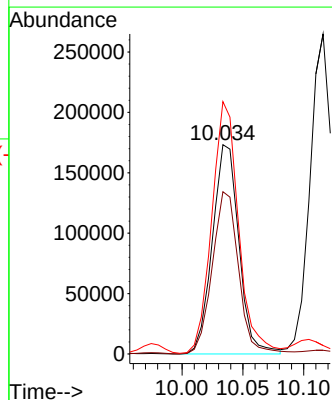
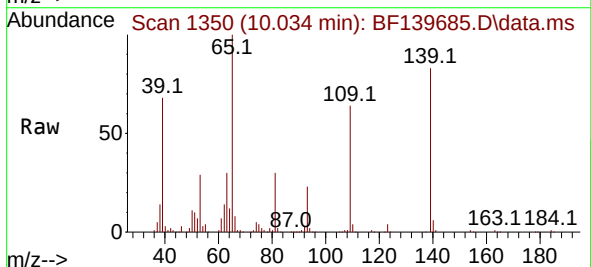
Instrument :
BNA_F
ClientSampleId :
PB163902BS

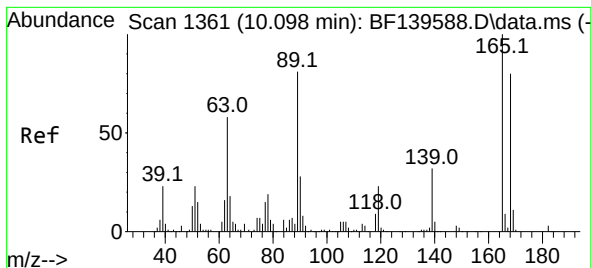
Tgt Ion:168 Resp: 878524
Ion Ratio Lower Upper
168 100
139 37.8 30.4 45.6
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 99.074 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:139 Resp: 262912
Ion Ratio Lower Upper
139 100
109 77.5 60.3 100.3
65 120.5 100.8 140.8

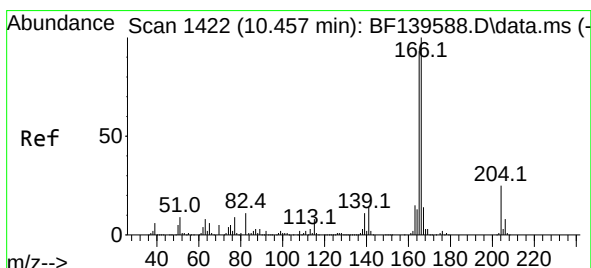
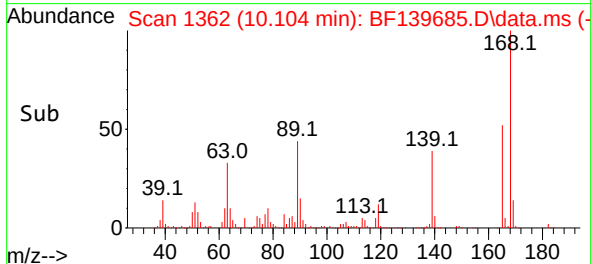
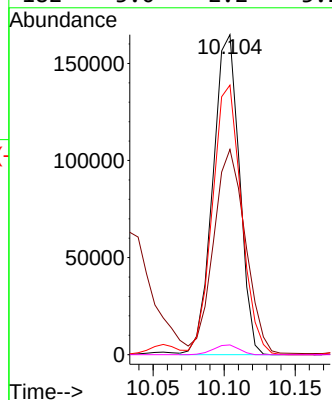
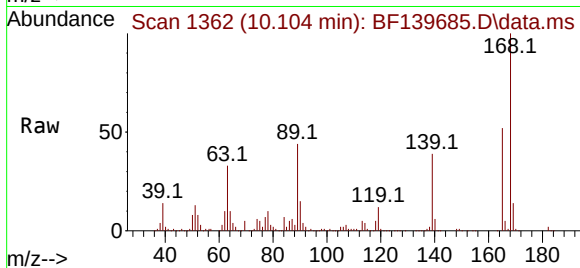




#57
2,4-Dinitrotoluene
Concen: 48.047 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

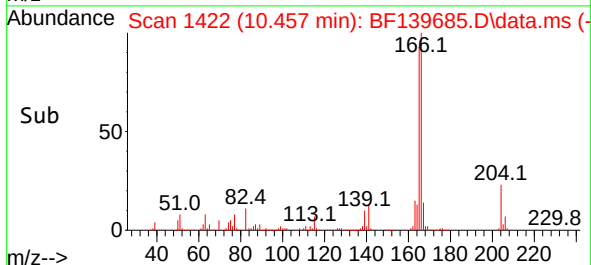
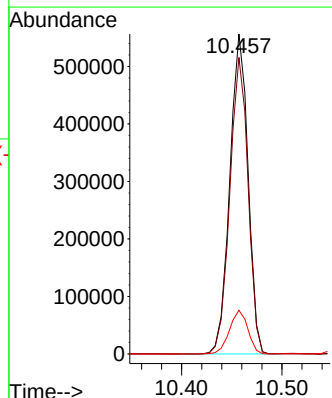
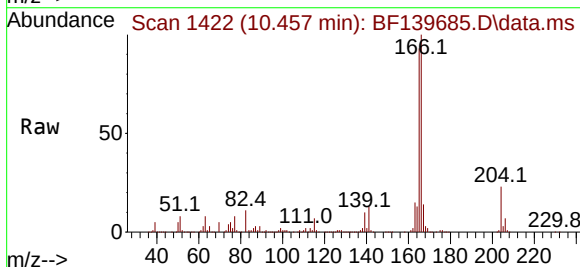
Instrument :
BNA_F
ClientSampleId :
PB163902BS

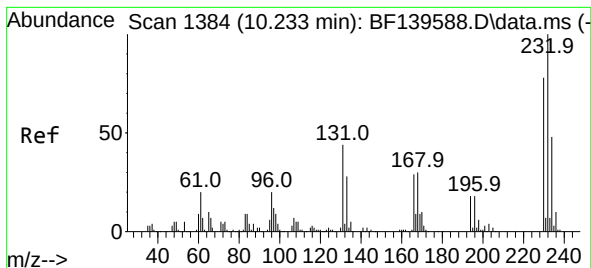
Tgt Ion:165 Resp: 213859
Ion Ratio Lower Upper
165 100
63 64.2 46.9 70.3
89 84.2 64.4 96.6
182 3.0 2.2 3.2



#58
Fluorene
Concen: 47.074 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

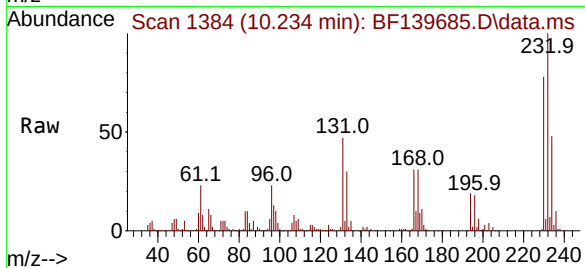
Tgt Ion:166 Resp: 703720
Ion Ratio Lower Upper
166 100
165 92.7 74.4 111.6
167 13.6 10.9 16.3



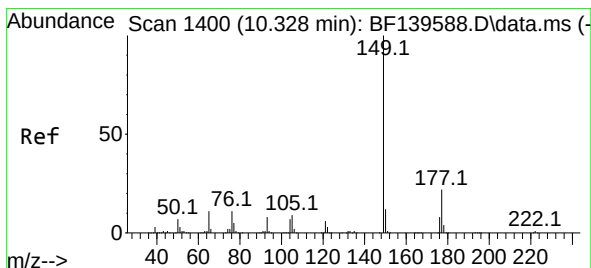
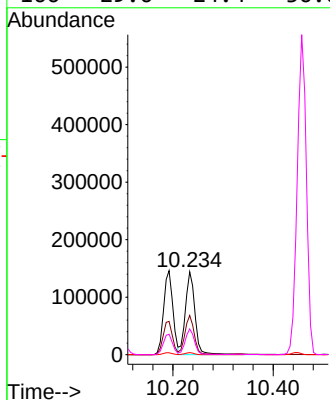
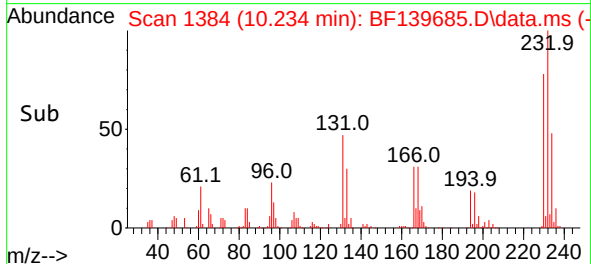


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.796 ng
RT: 10.234 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

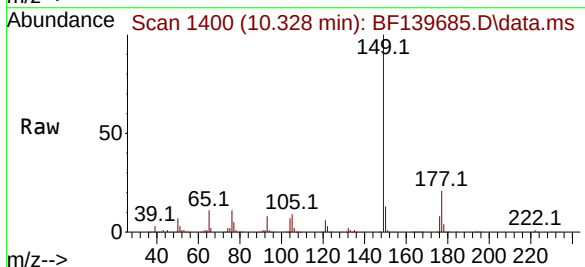
Instrument :
BNA_F
ClientSampleId :
PB163902BS



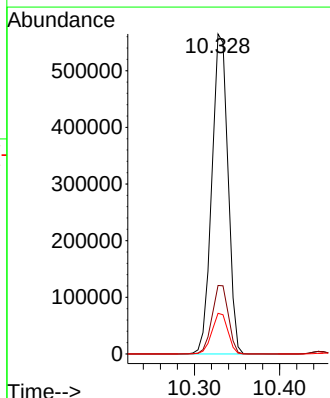
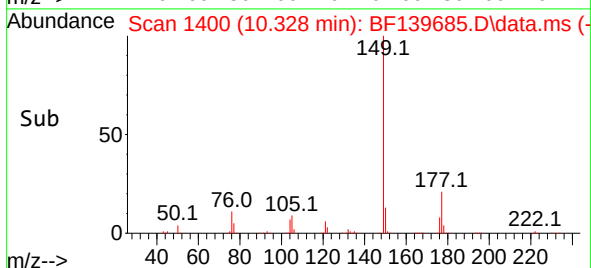
Tgt Ion:232 Resp: 190728
Ion Ratio Lower Upper
232 100
131 46.4 37.8 56.6
130 2.3 1.9 2.9
166 29.6 24.4 36.6

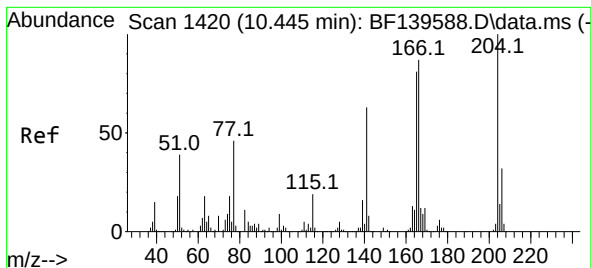


#60
Diethylphthalate
Concen: 47.642 ng
RT: 10.328 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35



Tgt Ion:149 Resp: 741788
Ion Ratio Lower Upper
149 100
177 21.4 17.4 26.0
150 12.7 10.0 15.0

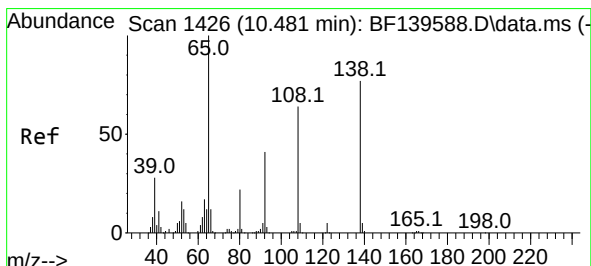
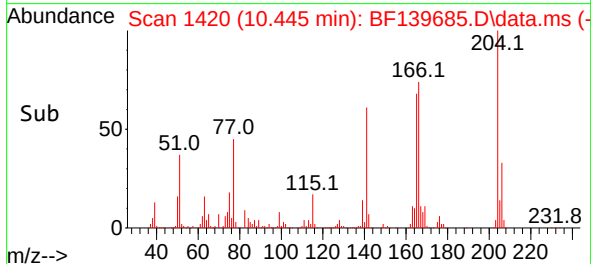
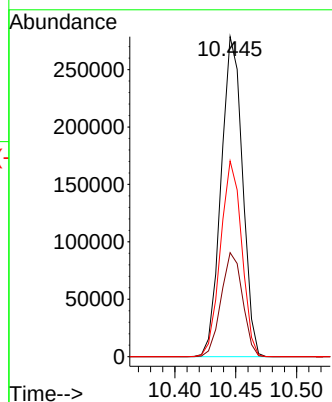
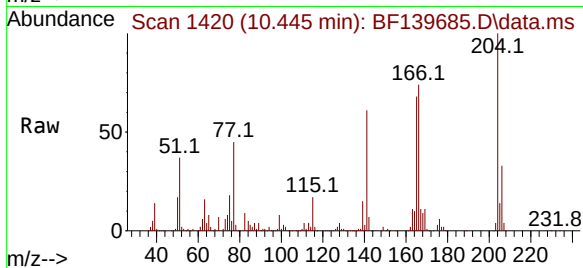




#61
4-Chlorophenyl-phenylether
Concen: 45.666 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

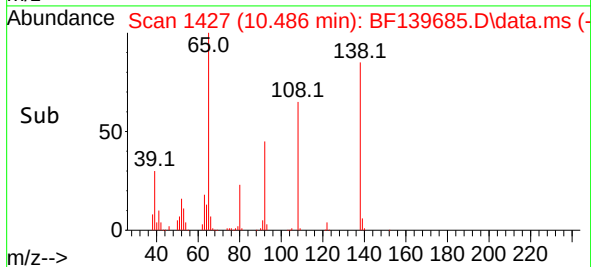
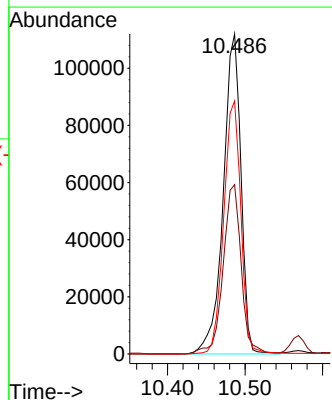
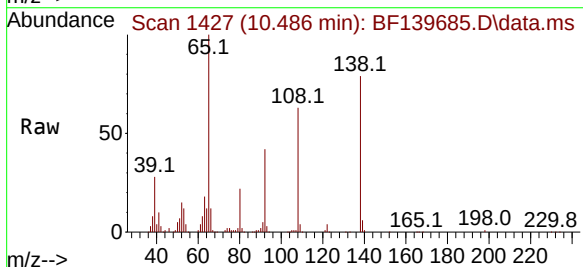
Instrument :
BNA_F
ClientSampleId :
PB163902BS

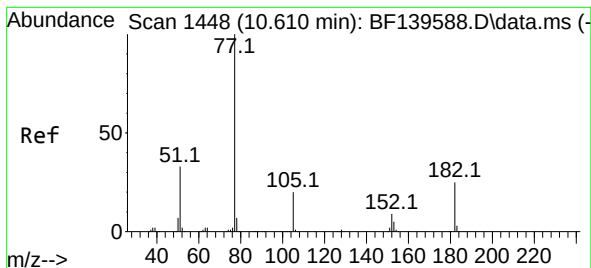
Tgt Ion:204 Resp: 341535
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 61.1 50.5 75.7



#62
4-Nitroaniline
Concen: 49.901 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:138 Resp: 177621
Ion Ratio Lower Upper
138 100
92 52.9 33.3 73.3
108 79.1 62.1 102.1





#63

Azobenzene

Concen: 48.309 ng

RT: 10.610 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

Tgt Ion: 77 Resp: 756440

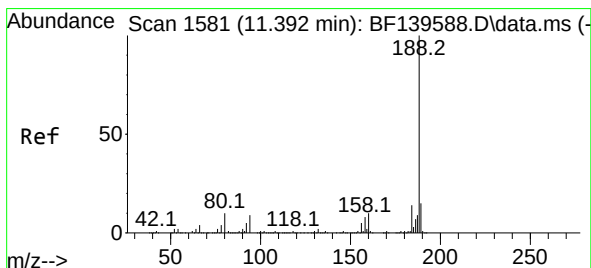
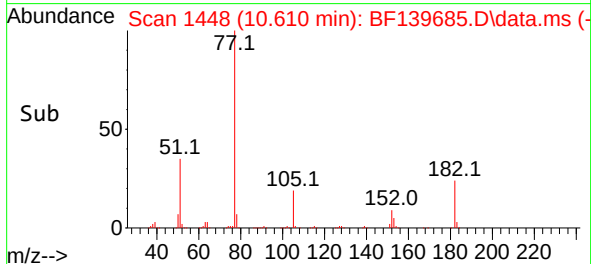
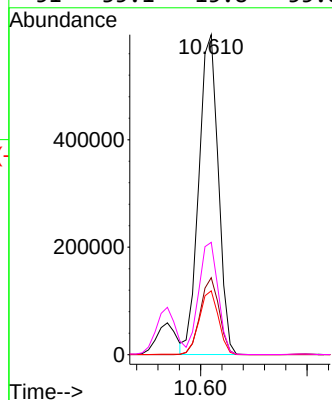
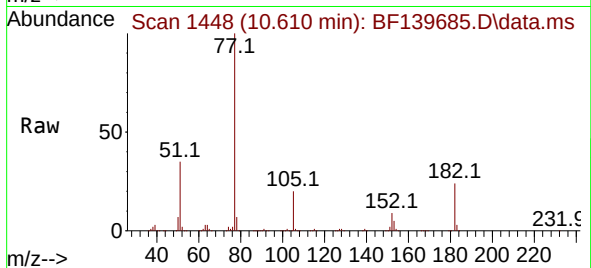
Ion Ratio Lower Upper

77 100

182 24.1 4.2 44.2

105 20.0 0.0 39.6

51 35.1 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

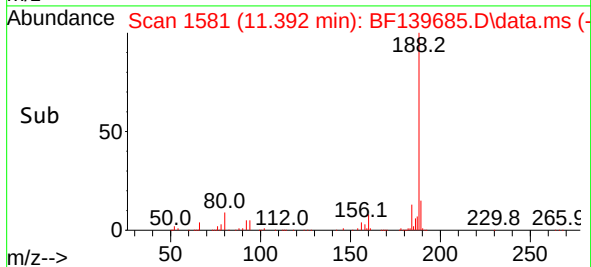
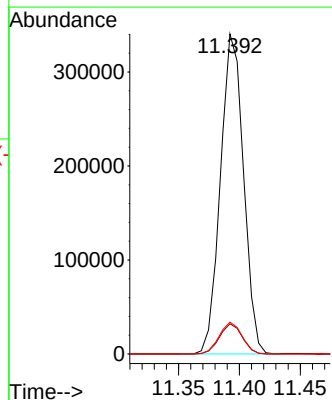
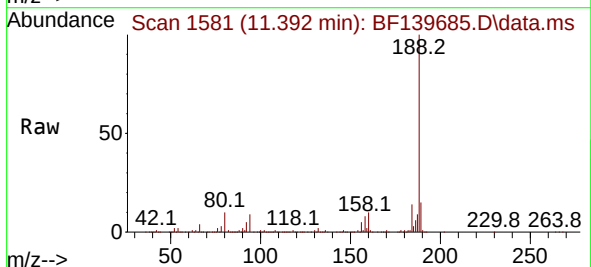
Tgt Ion: 188 Resp: 448928

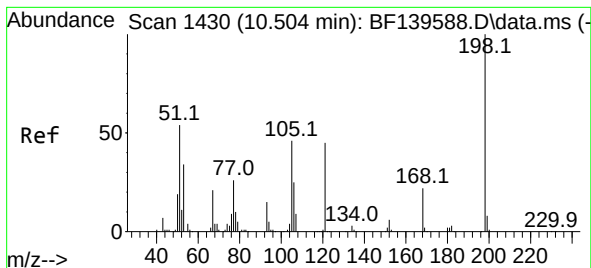
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.0 8.2 12.2

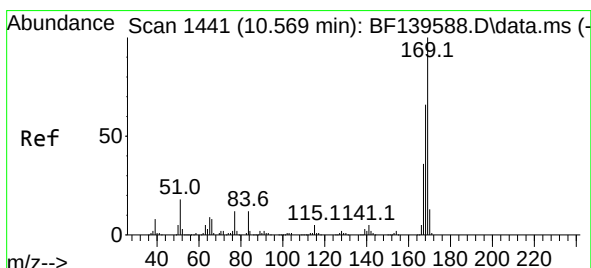
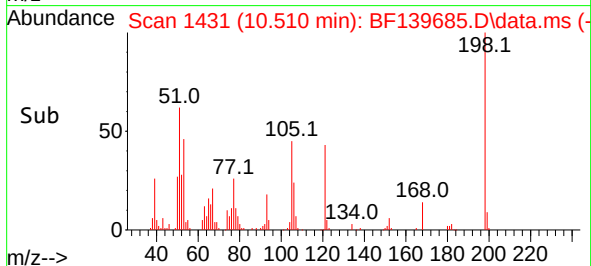
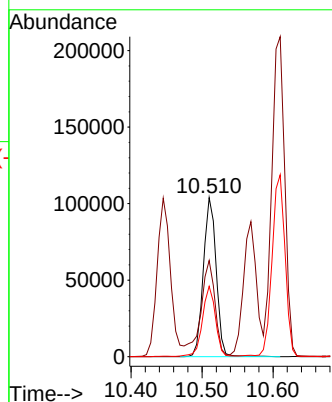
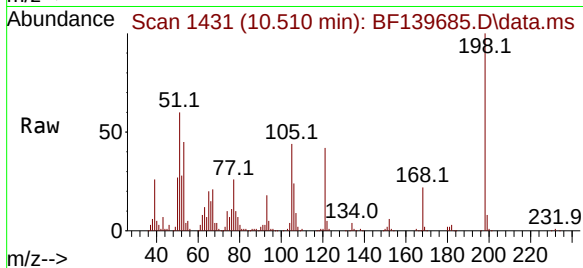




#65
4,6-Dinitro-2-methylphenol
Concen: 51.668 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

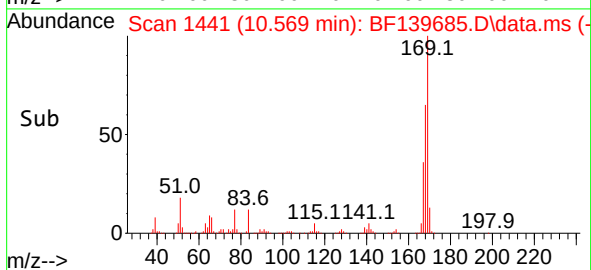
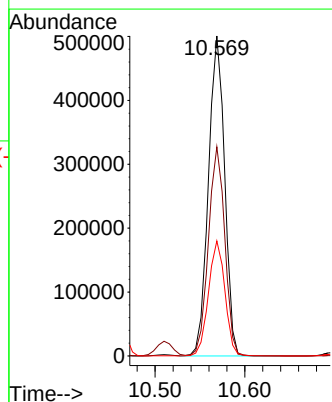
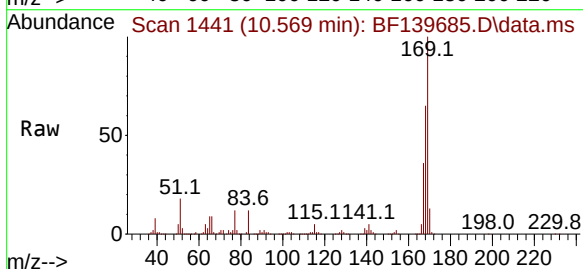
Instrument :
BNA_F
ClientSampleId :
PB163902BS

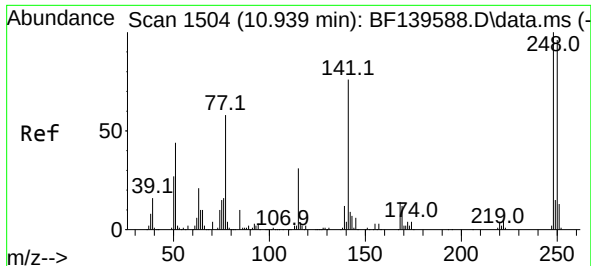
Tgt Ion:198 Resp: 131001
Ion Ratio Lower Upper
198 100
51 60.4 43.0 83.0
105 44.3 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 47.496 ng
RT: 10.569 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:169 Resp: 628509
Ion Ratio Lower Upper
169 100
168 65.3 53.2 79.8
167 35.9 28.6 43.0

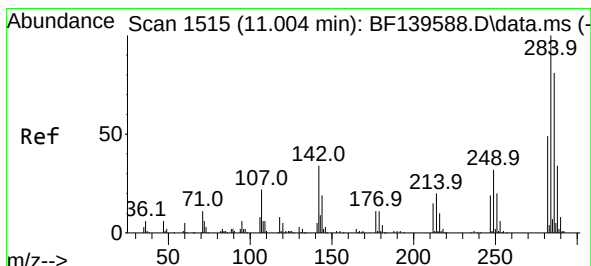
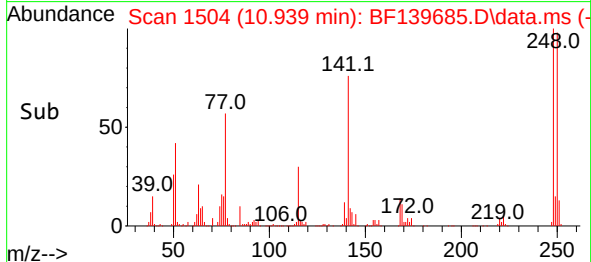
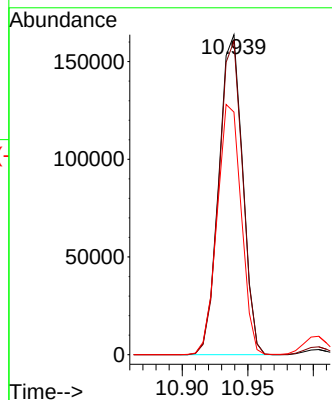
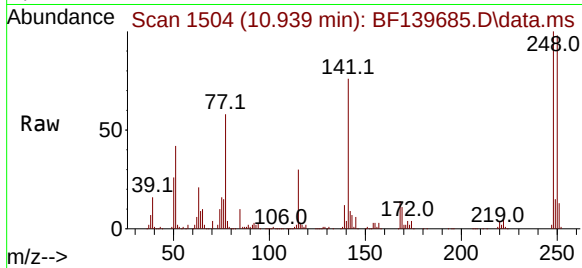




#67
4-Bromophenyl-phenylether
Concen: 44.957 ng
RT: 10.939 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

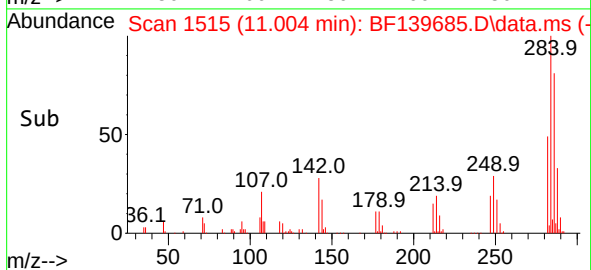
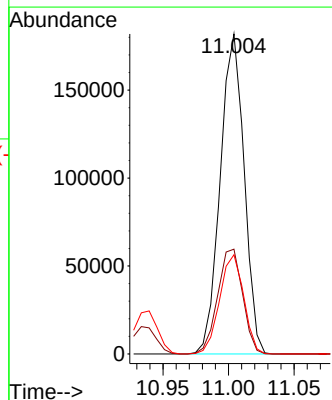
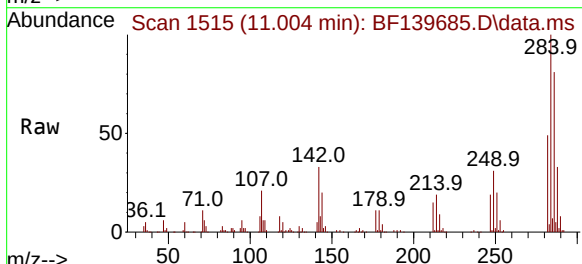
Instrument :
BNA_F
ClientSampleId :
PB163902BS

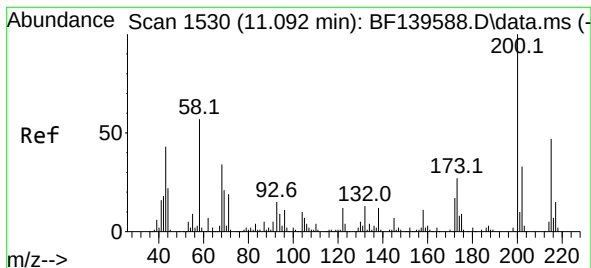
Tgt Ion:248 Resp: 206931
Ion Ratio Lower Upper
248 100
250 97.9 77.1 115.7
141 75.8 60.4 90.6



#68
Hexachlorobenzene
Concen: 45.135 ng
RT: 11.004 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:284 Resp: 230531
Ion Ratio Lower Upper
284 100
142 32.7 26.9 40.3
249 31.0 25.4 38.0





#69

Atrazine

Concen: 57.671 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

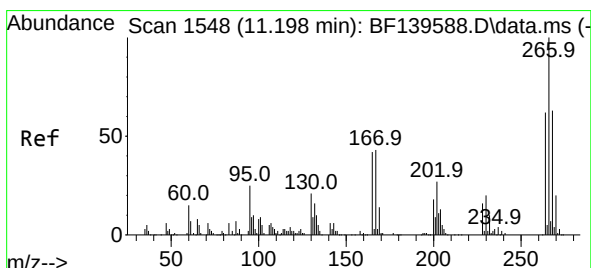
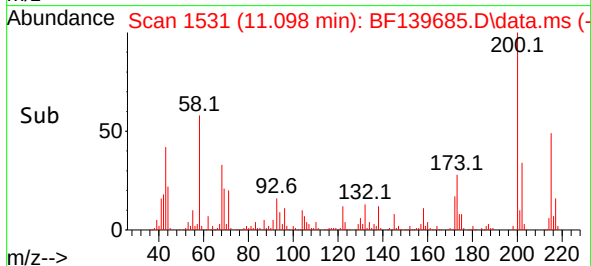
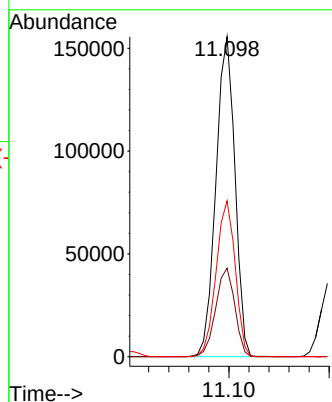
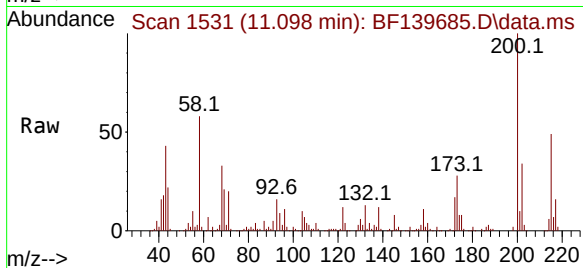
Tgt Ion:200 Resp: 204756

Ion Ratio Lower Upper

200 100

173 27.7 6.7 46.7

215 48.7 27.5 67.5



#70

Pentachlorophenol

Concen: 89.410 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

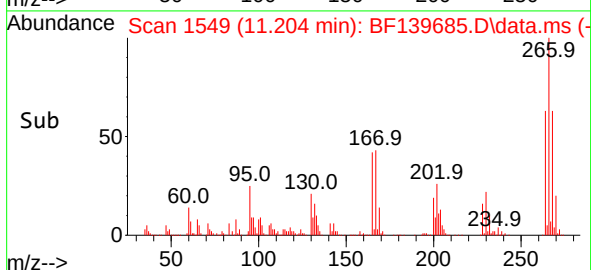
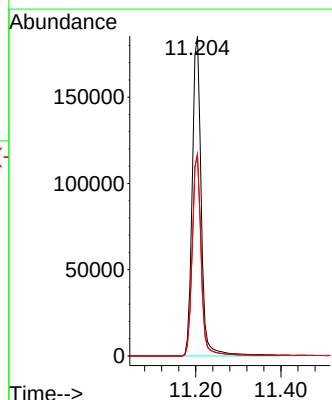
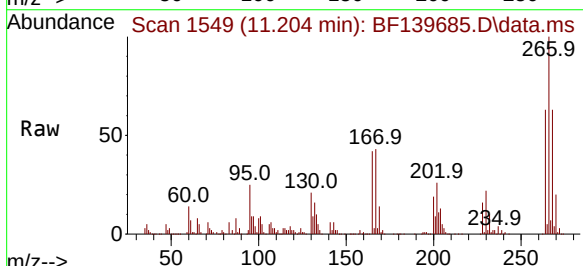
Tgt Ion:266 Resp: 271923

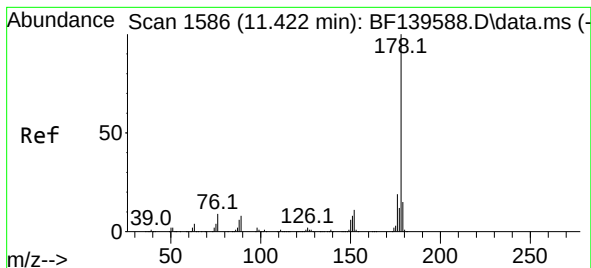
Ion Ratio Lower Upper

266 100

268 63.0 50.0 75.0

264 62.8 49.3 73.9





#71

Phenanthrene

Concen: 47.801 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

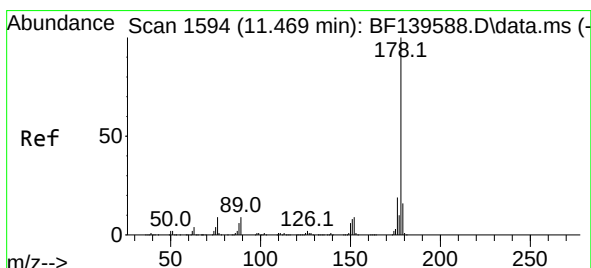
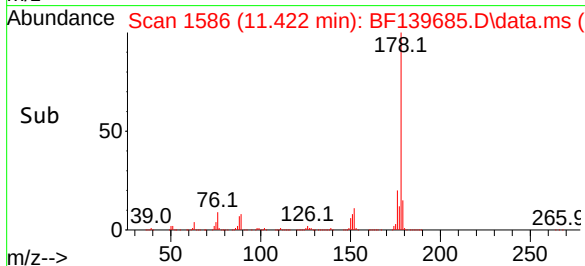
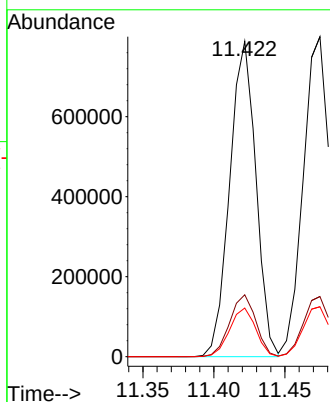
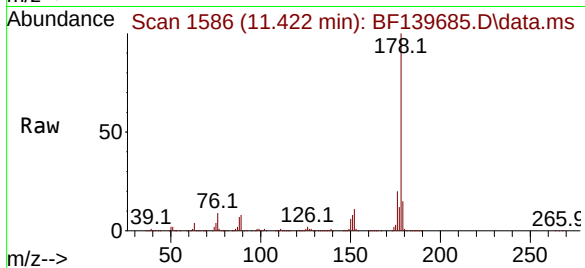
Tgt Ion:178 Resp: 1011818

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.4 12.3 18.5



#72

Anthracene

Concen: 49.890 ng

RT: 11.475 min Scan# 1595

Delta R.T. 0.006 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

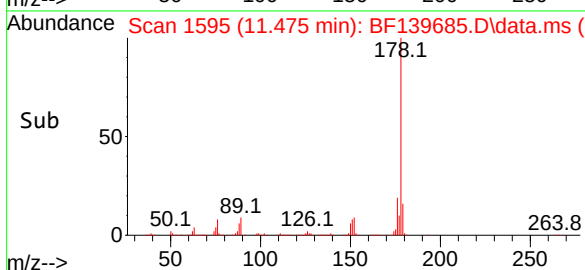
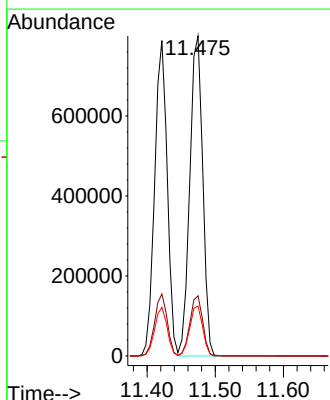
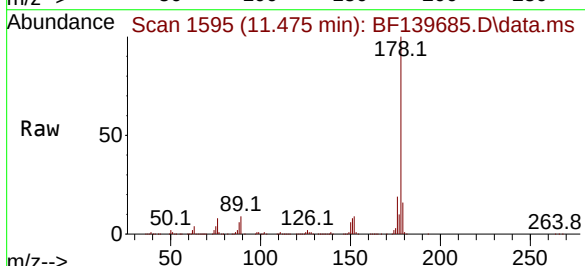
Tgt Ion:178 Resp: 1044748

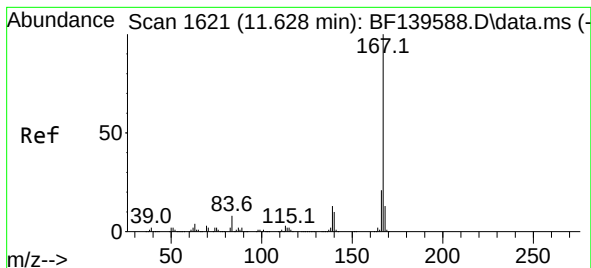
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.6 12.5 18.7





#73

Carbazole

Concen: 48.300 ng

RT: 11.628 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

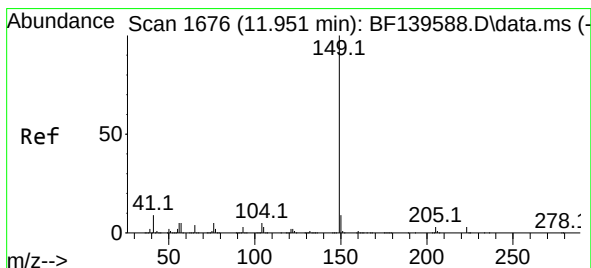
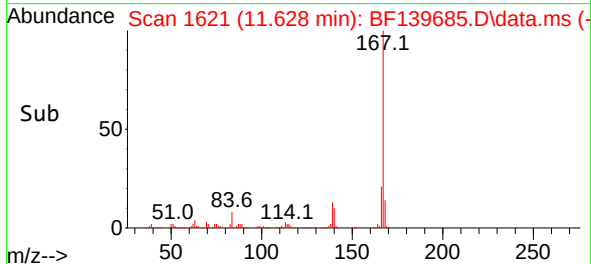
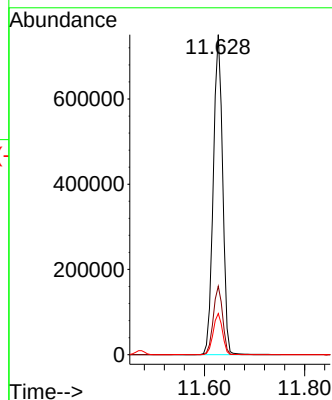
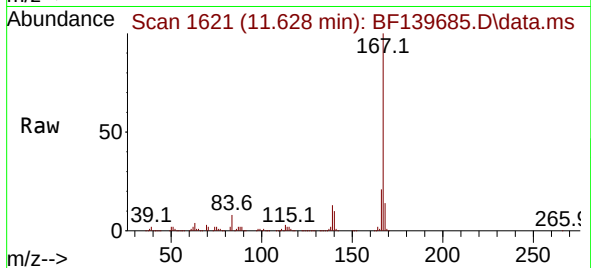
Tgt Ion:167 Resp: 971439

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 48.713 ng

RT: 11.951 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

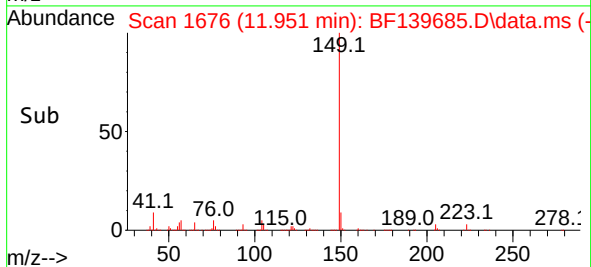
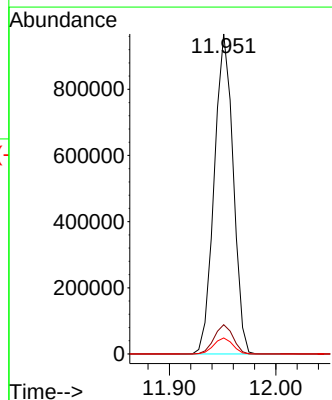
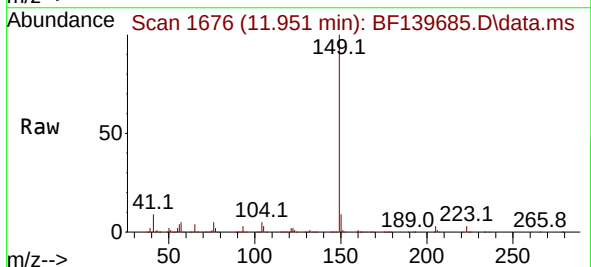
Tgt Ion:149 Resp: 1191401

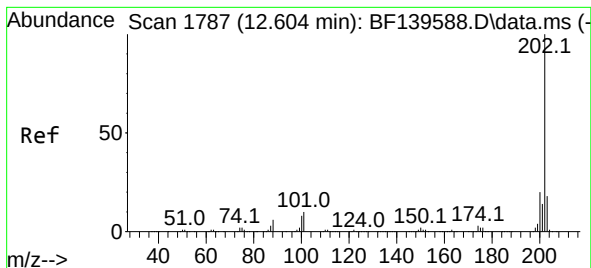
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 48.460 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

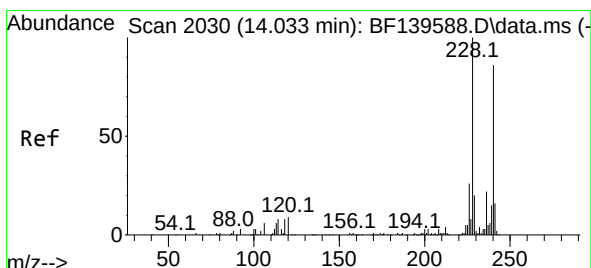
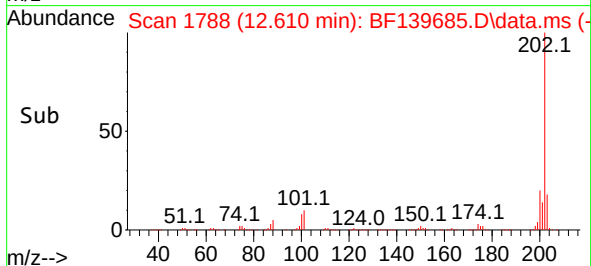
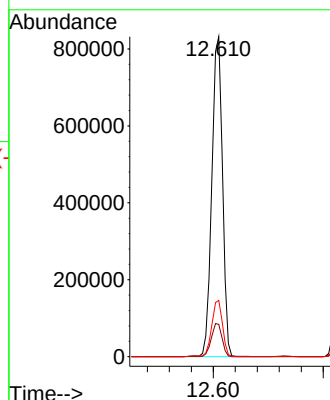
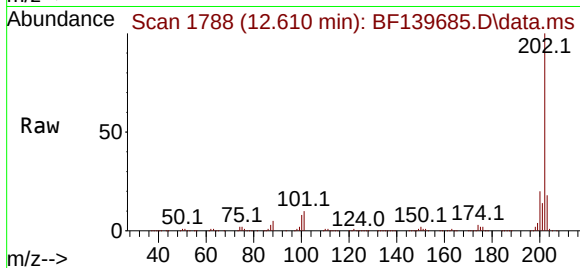
Tgt Ion:202 Resp: 1121318

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.2

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

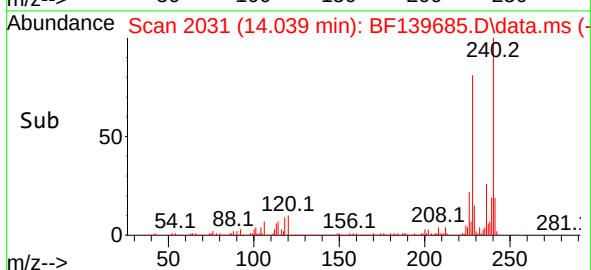
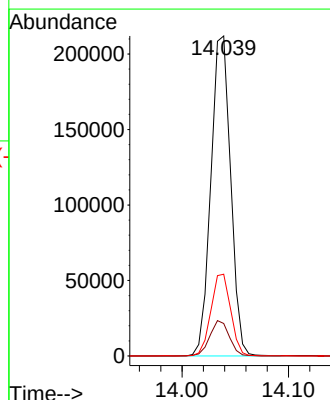
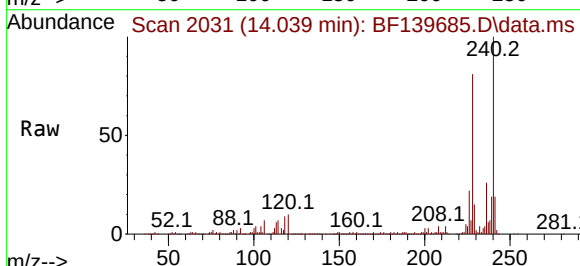
Tgt Ion:240 Resp: 273215

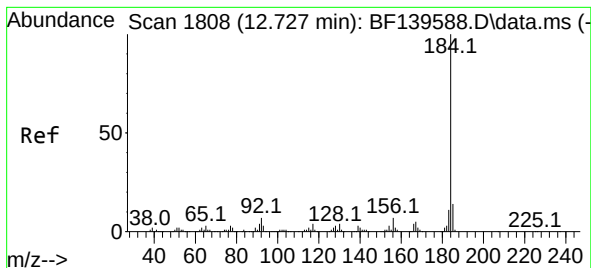
Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

236 25.5 20.3 30.5





#77

Benzidine

Concen: 81.308 ng

RT: 12.727 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

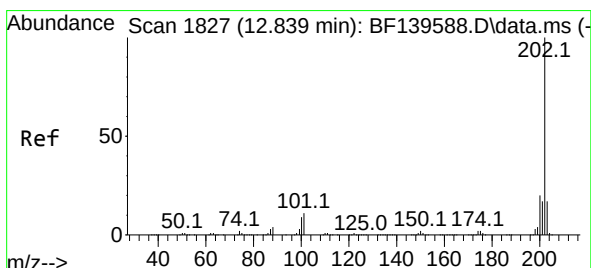
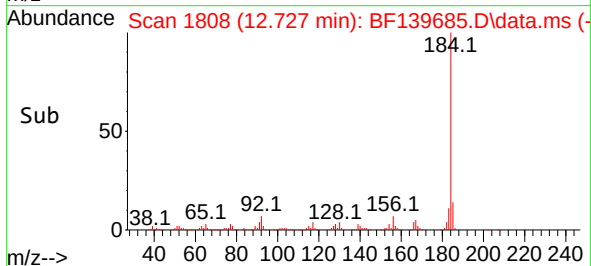
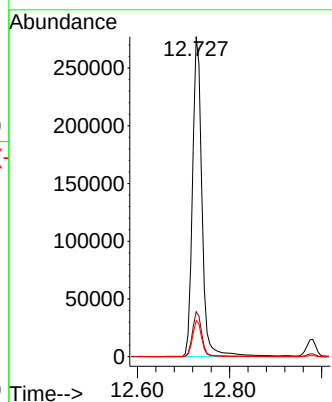
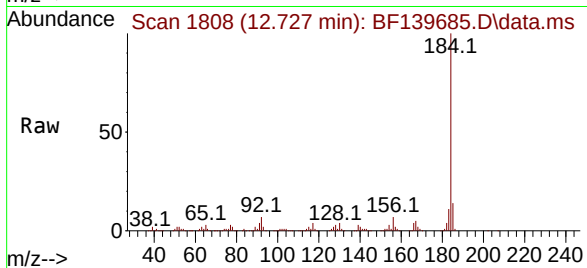
Tgt Ion:184 Resp: 391839

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.0

183 11.3 8.8 13.2



#78

Pyrene

Concen: 46.859 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

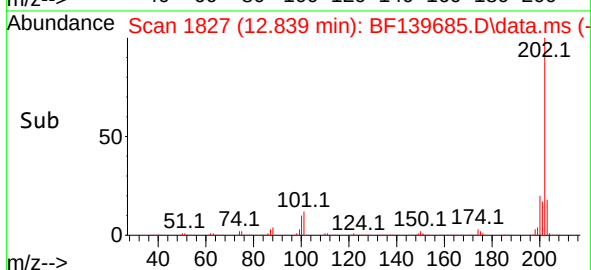
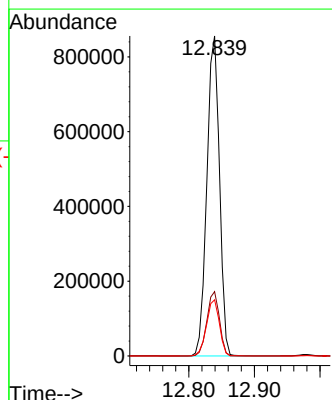
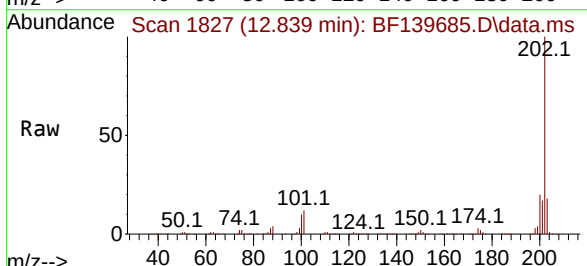
Tgt Ion:202 Resp: 1145049

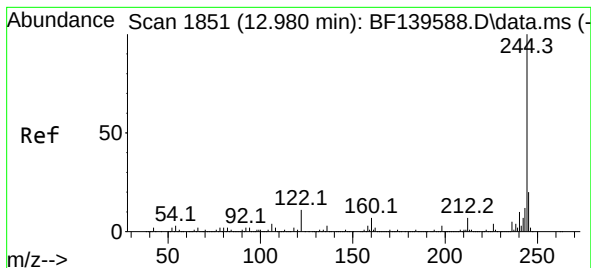
Ion Ratio Lower Upper

202 100

200 20.1 15.8 23.6

203 17.5 13.8 20.8





#79

Terphenyl-d14

Concen: 90.670 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

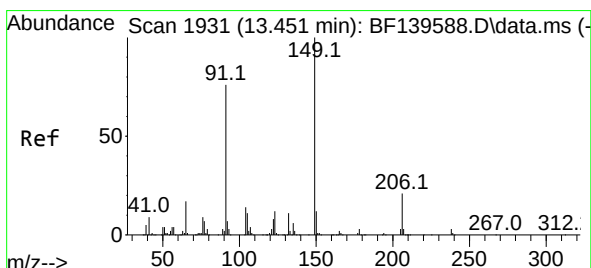
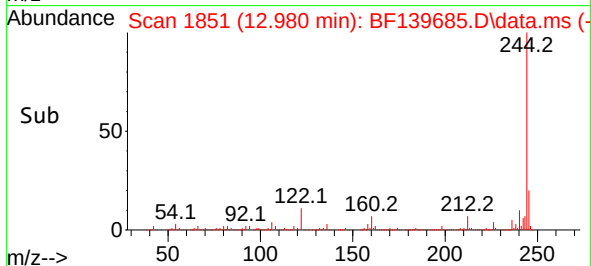
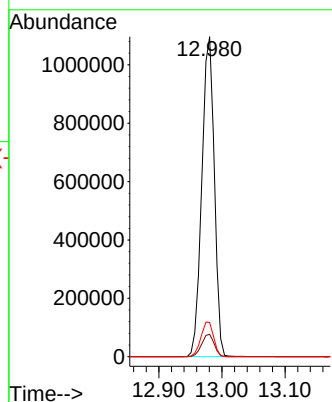
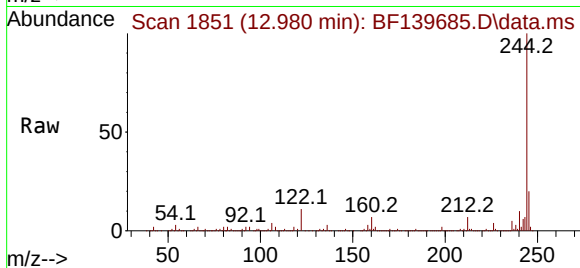
Tgt Ion:244 Resp: 1509747

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.7 8.6 12.8



#80

Butylbenzylphthalate

Concen: 52.638 ng

RT: 13.451 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

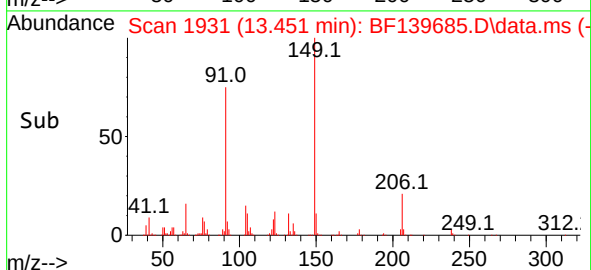
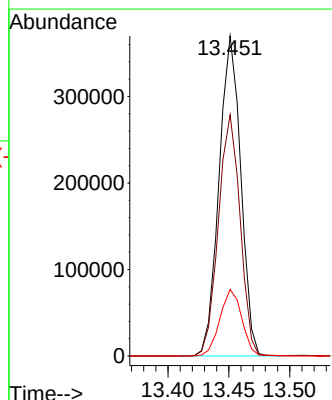
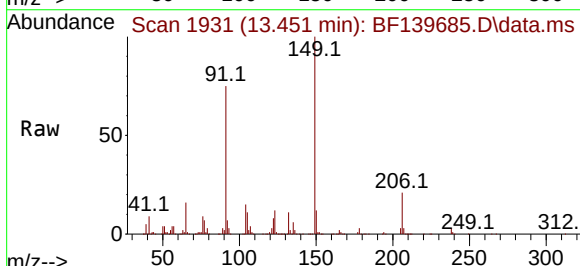
Tgt Ion:149 Resp: 460085

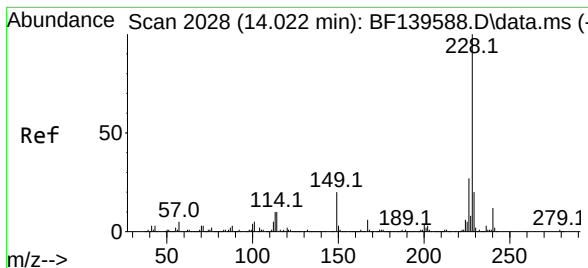
Ion Ratio Lower Upper

149 100

91 75.4 61.0 91.4

206 20.8 16.6 24.8





#81

Benzo(a)anthracene

Concen: 49.634 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

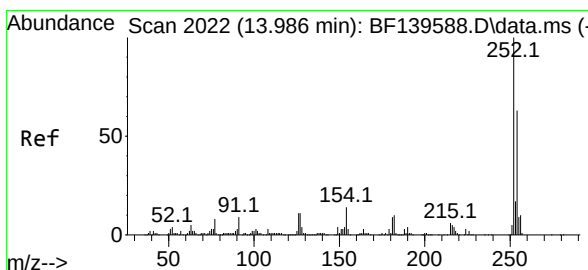
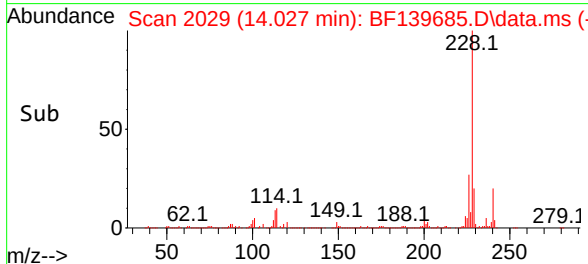
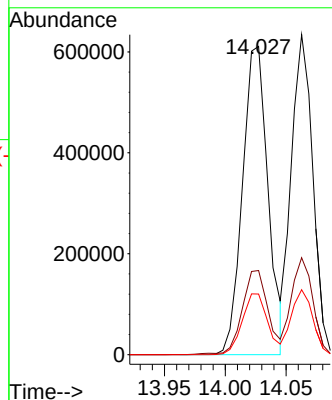
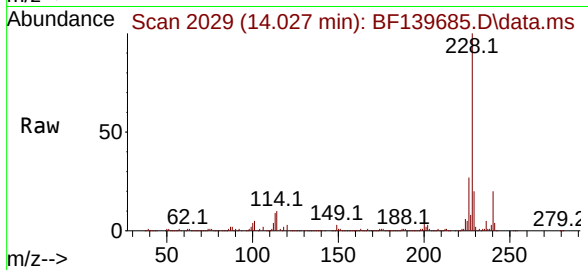
Tgt Ion:228 Resp: 891569

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 35.216 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

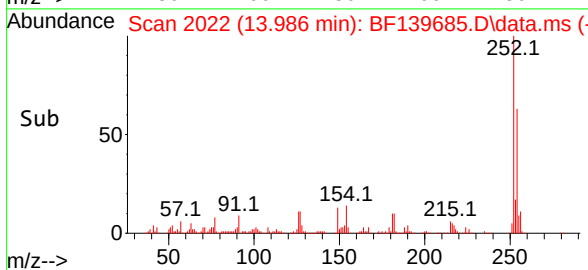
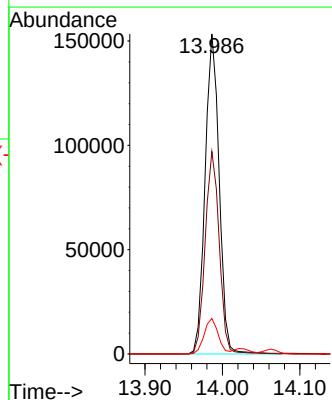
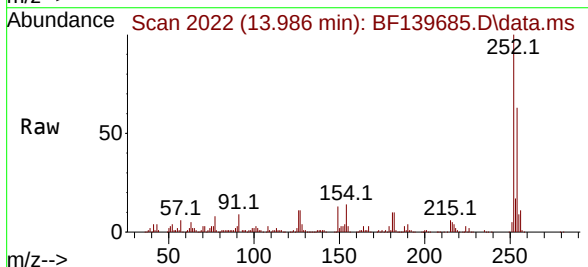
Tgt Ion:252 Resp: 193599

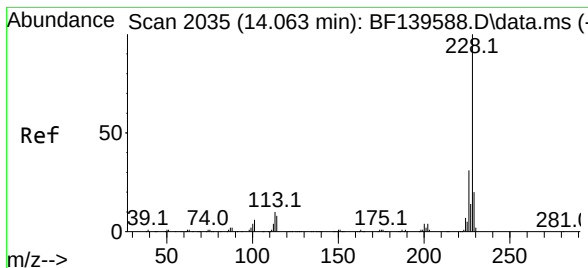
Ion Ratio Lower Upper

252 100

254 63.2 50.5 75.7

126 11.1 8.8 13.2





#83

Chrysene

Concen: 47.591 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

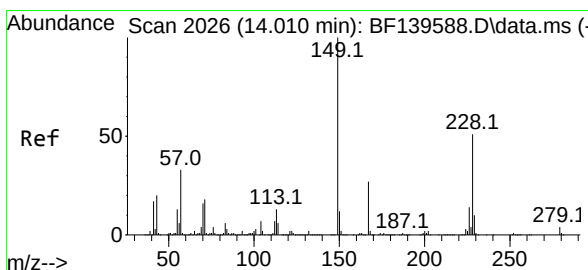
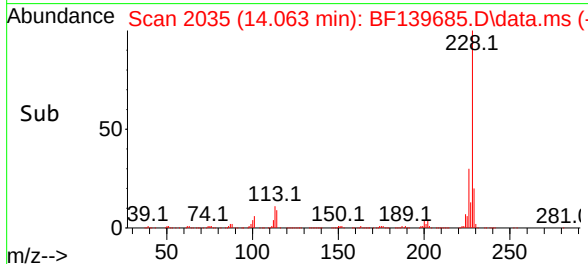
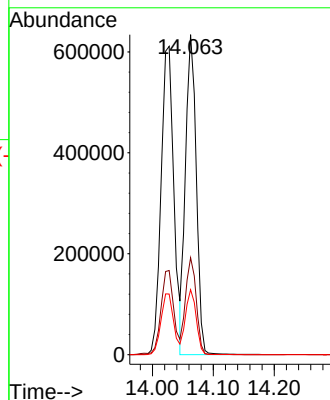
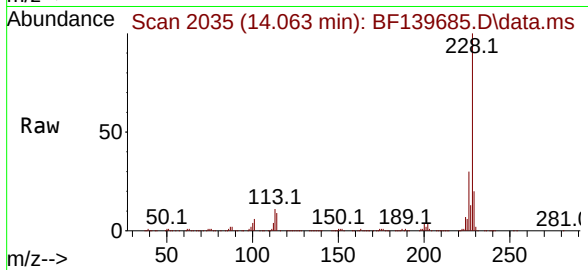
Tgt Ion:228 Resp: 781572

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 20.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.258 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

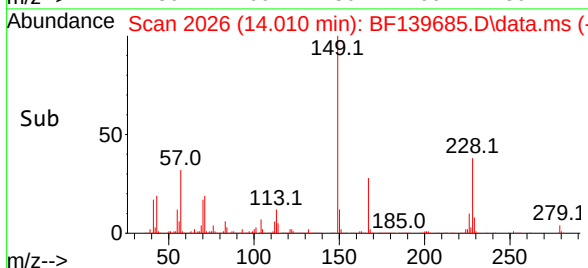
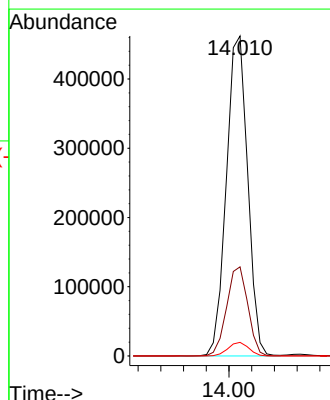
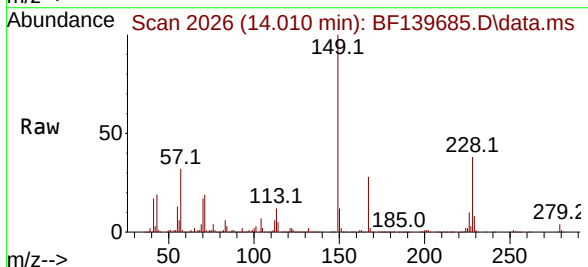
Tgt Ion:149 Resp: 603106

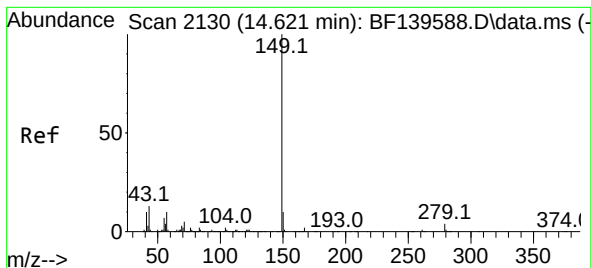
Ion Ratio Lower Upper

149 100

167 27.9 21.7 32.5

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 53.575 ng

RT: 14.621 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

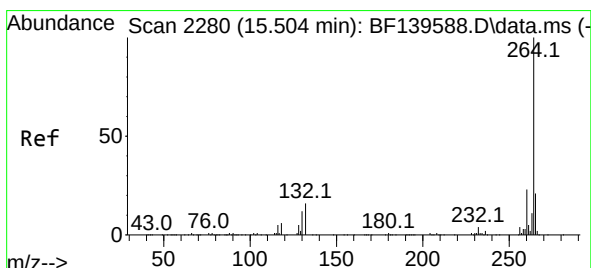
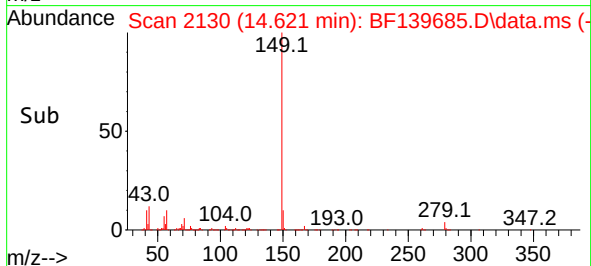
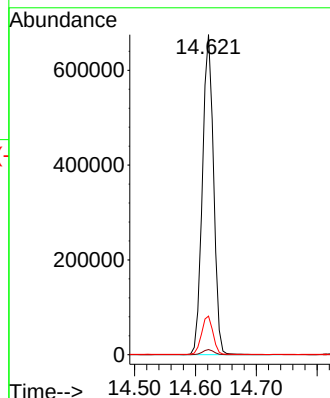
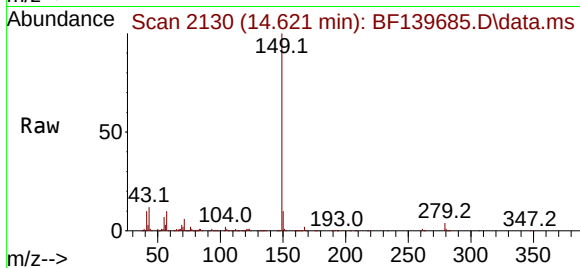
Tgt Ion:149 Resp: 859040

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.2 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

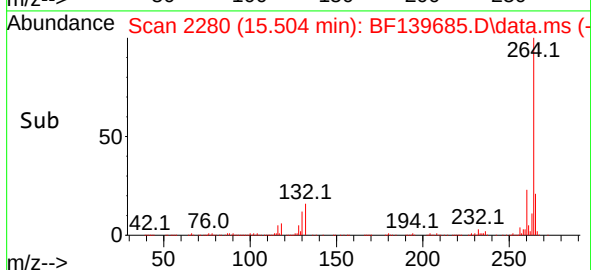
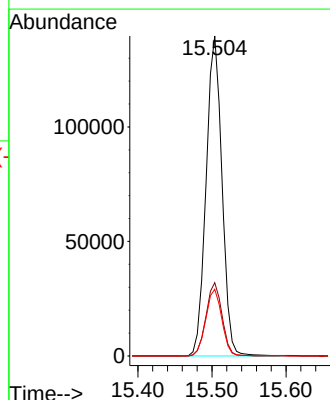
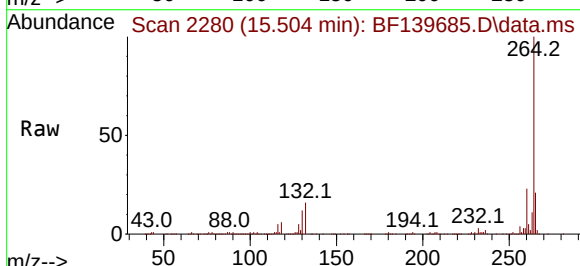
Tgt Ion:264 Resp: 208036

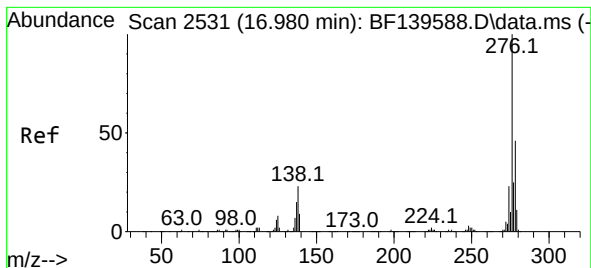
Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 20.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.615 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

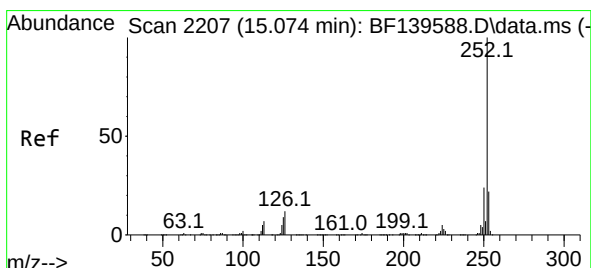
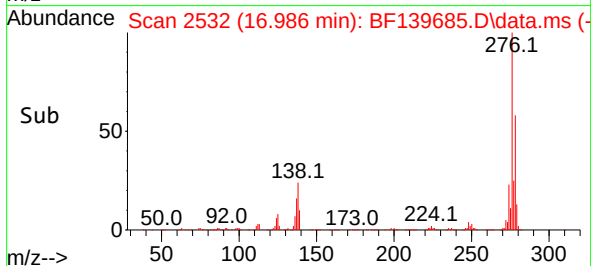
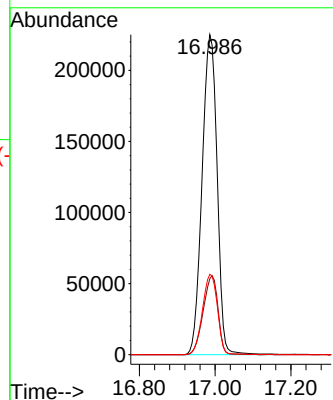
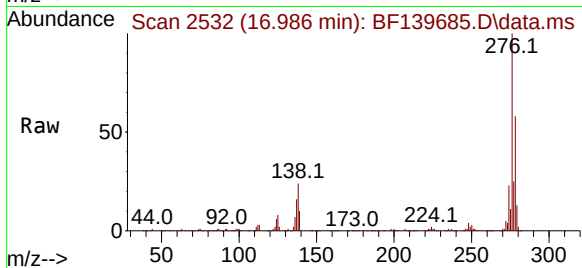
Tgt Ion:276 Resp: 619756

Ion Ratio Lower Upper

276 100

138 24.4 19.4 29.0

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 50.006 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

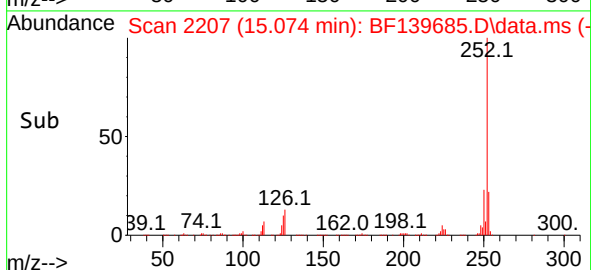
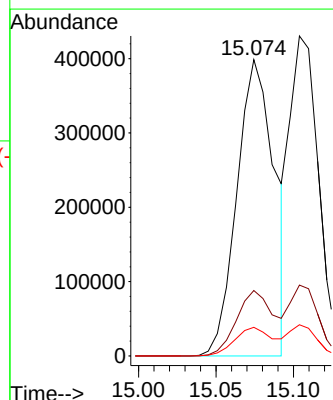
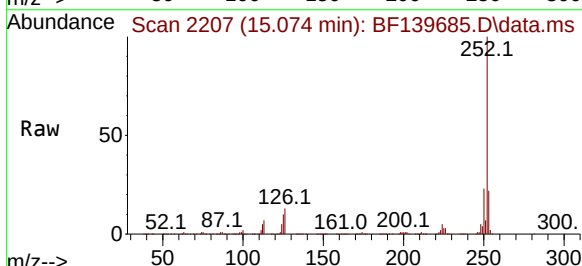
Tgt Ion:252 Resp: 672649

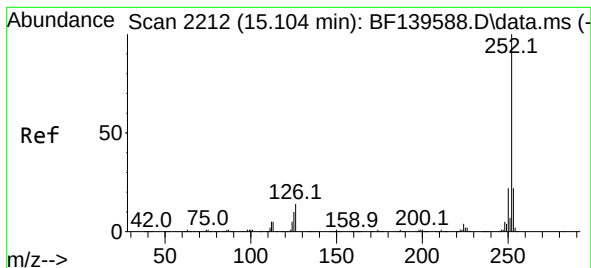
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 49.027 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

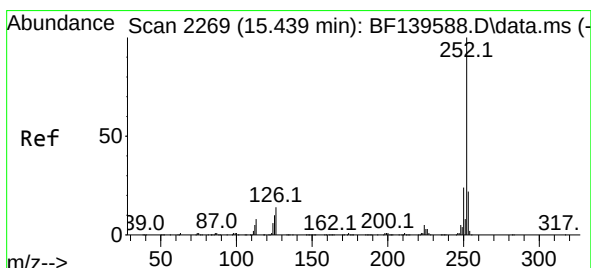
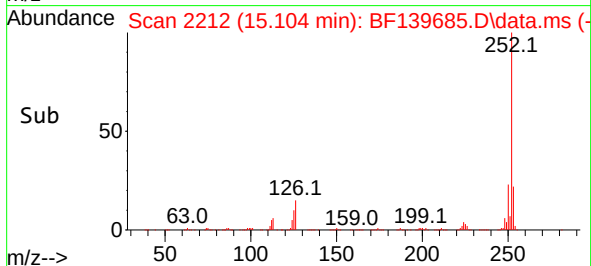
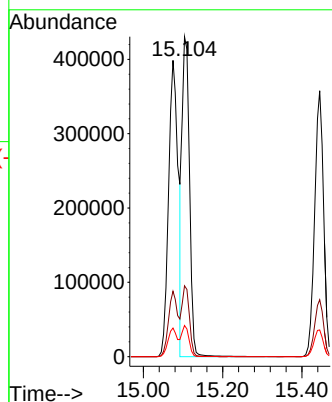
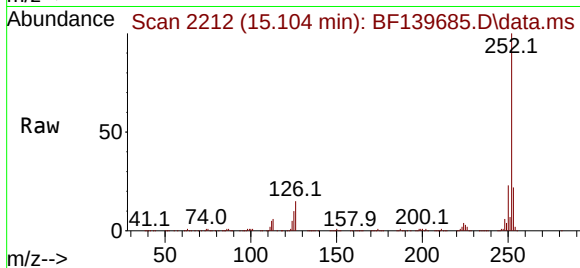
Tgt Ion:252 Resp: 559417

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.8 7.6 11.4



#90

Benzo(a)pyrene

Concen: 52.681 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

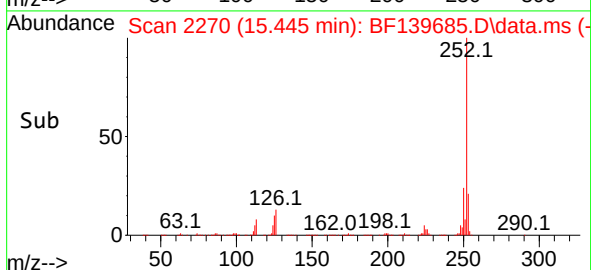
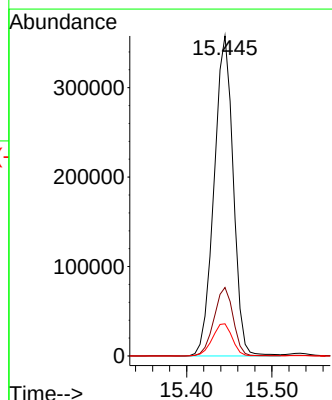
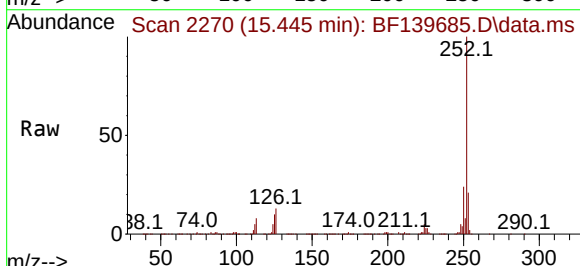
Tgt Ion:252 Resp: 558749

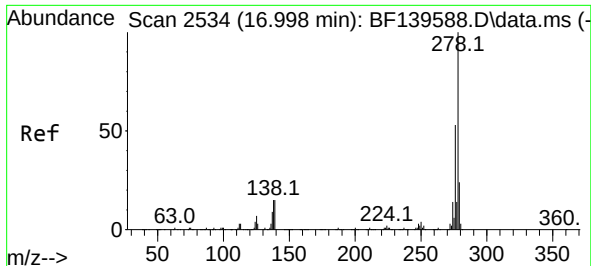
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 10.0 8.3 12.5

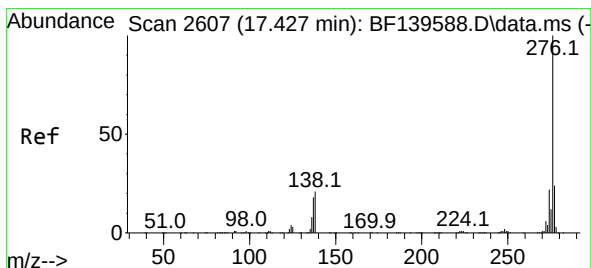
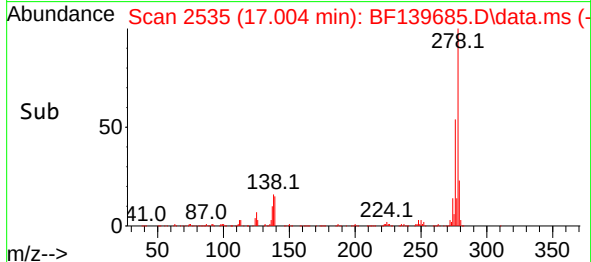
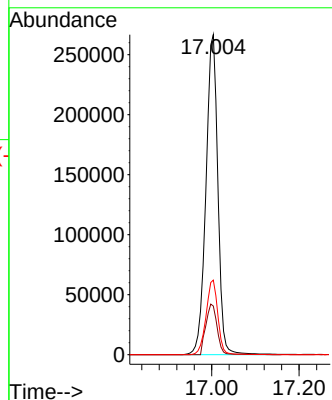
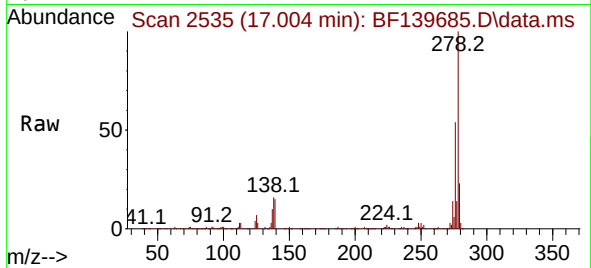




#91
Dibenzo(a,h)anthracene
Concen: 49.986 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :
BNA_F
ClientSampleId :
PB163902BS

Tgt Ion:278 Resp: 507642
Ion Ratio Lower Upper
278 100
139 15.2 12.2 18.4
279 23.3 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 46.420 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:276 Resp: 472795
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 21.2 17.0 25.6

