

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140055.D
 Acq On : 26 Oct 2024 13:02
 Operator : RC/JU
 Sample : P4508-09MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F22MSD

Quant Time: Oct 28 01:06:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	158941	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	630402	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	353936	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	608132	20.000	ng	0.00
76) Chrysene-d12	14.051	240	290348	20.000	ng	0.00
86) Perylene-d12	15.527	264	321487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	928462	91.449	ng	0.02
7) Phenol-d6	6.516	99	1206456	91.749	ng	0.00
23) Nitrobenzene-d5	7.451	82	764320	67.197	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	359775	108.673	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1328285	62.024	ng	0.00
79) Terphenyl-d14	12.998	244	1255023	70.434	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	182920	38.642	ng	95
3) Pyridine	3.534	79	468664	39.942	ng	97
4) n-Nitrosodimethylamine	3.493	42	252103	39.990	ng	97
6) Aniline	6.551	93	323350	26.385	ng	99
8) 2-Chlorophenol	6.675	128	468280	45.117	ng	97
9) Benzaldehyde	6.440	77	95064	12.851	ng	96
10) Phenol	6.528	94	594289	43.838	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	452095	43.146	ng	100
12) 1,3-Dichlorobenzene	6.834	146	501388	42.082	ng	98
13) 1,4-Dichlorobenzene	6.910	146	507263	42.615	ng	99
14) 1,2-Dichlorobenzene	7.057	146	486434	43.786	ng	99
15) Benzyl Alcohol	7.028	79	436384	45.241	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	740558	41.449	ng	96
17) 2-Methylphenol	7.140	107	394701	44.597	ng	99
18) Hexachloroethane	7.404	117	182581	43.013	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	346335	43.427	ng	96
20) 3+4-Methylphenols	7.293	107	480605	42.455	ng	# 80
22) Acetophenone	7.298	105	645198	41.786	ng	99
24) Nitrobenzene	7.469	77	523352	41.967	ng	99
25) Isophorone	7.710	82	962345	44.577	ng	99
26) 2-Nitrophenol	7.787	139	250459	53.237	ng	96
27) 2,4-Dimethylphenol	7.822	122	401156	51.137	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	568033	43.429	ng	99
29) 2,4-Dichlorophenol	8.028	162	400785	44.854	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	413152	41.787	ng	99
31) Naphthalene	8.192	128	1380167	42.451	ng	100
32) Benzoic acid	7.940	122	285102	41.669	ng	96
33) 4-Chloroaniline	8.234	127	90435	8.157	ng	98
34) Hexachlorobutadiene	8.310	225	266223	42.855	ng	99
35) Caprolactam	8.616	113	87952	30.957	ng	90
36) 4-Chloro-3-methylphenol	8.722	107	438615	44.332	ng	96
37) 2-Methylnaphthalene	8.886	142	864302	43.406	ng	99
38) 1-Methylnaphthalene	8.986	142	804453	41.178	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	412044	43.152	ng	99
41) Hexachlorocyclopentadiene	9.039	237	453485	136.490	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	309843	45.832	ng	99

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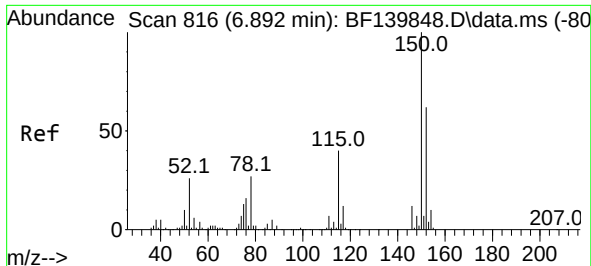
Quant Time: Oct 28 01:06:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	314835	45.139	ng	98
46) 1,1'-Biphenyl	9.351	154	1048992	42.574	ng	99
47) 2-Chloronaphthalene	9.375	162	842414	42.450	ng	99
48) 2-Nitroaniline	9.469	65	287236	47.325	ng	92
49) Acenaphthylene	9.792	152	1297693	45.232	ng	99
50) Dimethylphthalate	9.651	163	992884	45.037	ng	100
51) 2,6-Dinitrotoluene	9.710	165	223888	46.903	ng	96
52) Acenaphthene	9.963	154	898799	48.429	ng	100
53) 3-Nitroaniline	9.875	138	101051	20.528	ng	99
54) 2,4-Dinitrophenol	9.986	184	219022	107.953	ng	# 1
55) Dibenzofuran	10.133	168	1139092	42.778	ng	100
56) 4-Nitrophenol	10.039	139	345200	91.150	ng	97
57) 2,4-Dinitrotoluene	10.116	165	296834	50.568	ng	98
58) Fluorene	10.481	166	865438	42.672	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	254129	46.478	ng	97
60) Diethylphthalate	10.351	149	955489	44.142	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	441636	43.120	ng	99
62) 4-Nitroaniline	10.498	138	212705	45.752	ng	96
63) Azobenzene	10.628	77	1036180	45.153	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	156748	63.191	ng	92
66) n-Nitrosodiphenylamine	10.586	169	805647	44.263	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	286410	45.717	ng	99
68) Hexachlorobenzene	11.028	284	317854	45.112	ng	95
69) Atrazine	11.116	200	264780	53.703	ng	99
70) Pentachlorophenol	11.216	266	365065	85.371	ng	99
71) Phenanthrene	11.439	178	1247853	43.440	ng	100
72) Anthracene	11.492	178	1267626	45.229	ng	100
73) Carbazole	11.645	167	1083216	41.557	ng	99
74) Di-n-butylphthalate	11.975	149	1390634	46.178	ng	100
75) Fluoranthene	12.627	202	1160864	39.976	ng	99
77) Benzidine	12.745	184	247576	51.856	ng	100
78) Pyrene	12.857	202	1134921	44.655	ng	100
80) Butylbenzylphthalate	13.469	149	448387	58.847	ng	99
81) Benzo(a)anthracene	14.045	228	870442	46.053	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	137287	24.912	ng	99
83) Chrysene	14.080	228	777702	44.877	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	565771	66.182	ng	99
85) Di-n-octyl phthalate	14.645	149	898167	57.764	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	861923	41.675	ng	98
88) Benzo(b)fluoranthene	15.098	252	817520	41.745	ng	99
89) Benzo(k)fluoranthene	15.127	252	800696	47.409	ng	99
90) Benzo(a)pyrene	15.468	252	786707	48.821	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	719689	41.713	ng	98
92) Benzo(g,h,i)perylene	17.480	276	602315	34.949	ng	99

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

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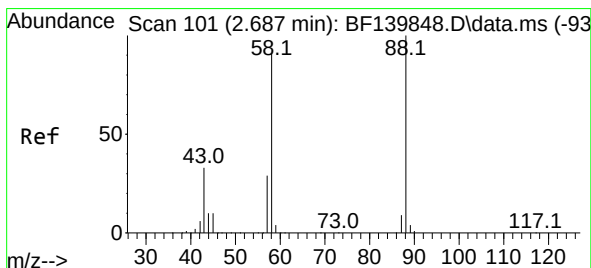
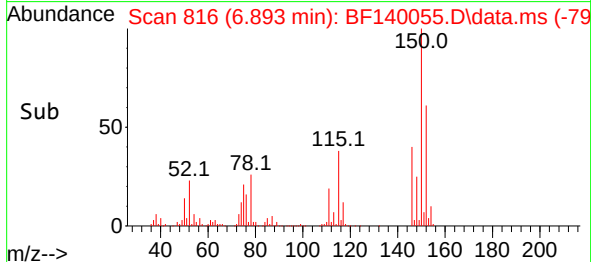
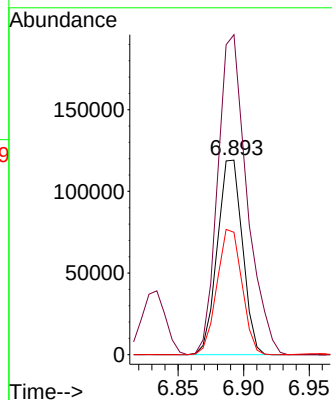
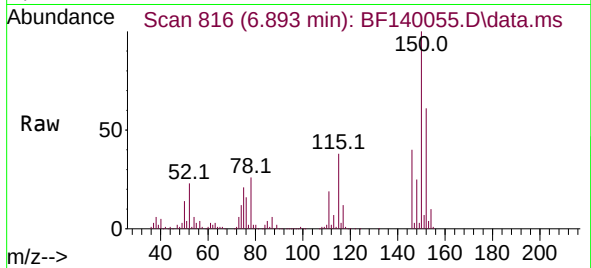




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

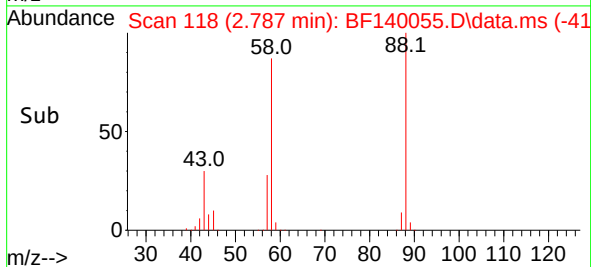
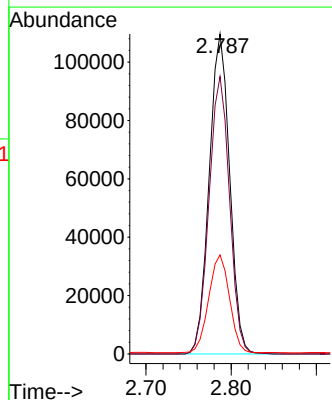
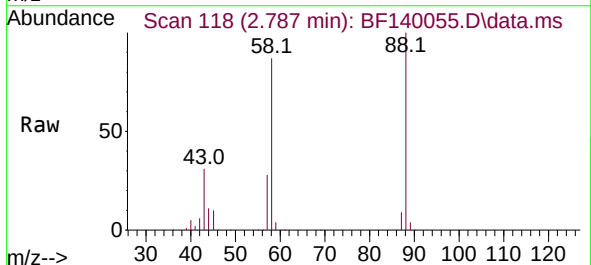
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

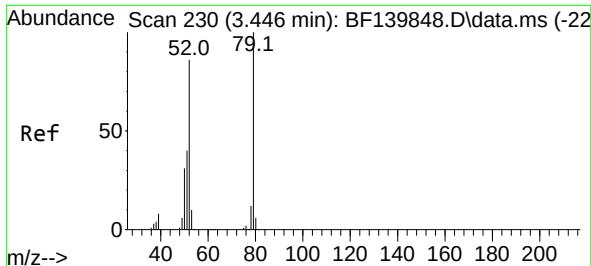
Tgt Ion:152 Resp: 158941
Ion Ratio Lower Upper
152 100
150 164.5 130.2 195.2
115 63.0 51.4 77.2



#2
1,4-Dioxane
Concen: 38.642 ng
RT: 2.787 min Scan# 118
Delta R.T. 0.100 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion: 88 Resp: 182920
Ion Ratio Lower Upper
88 100
58 86.9 73.3 109.9
43 30.9 27.1 40.7





#3

Pyridine

Concen: 39.942 ng

RT: 3.534 min Scan# 24

Delta R.T. 0.088 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

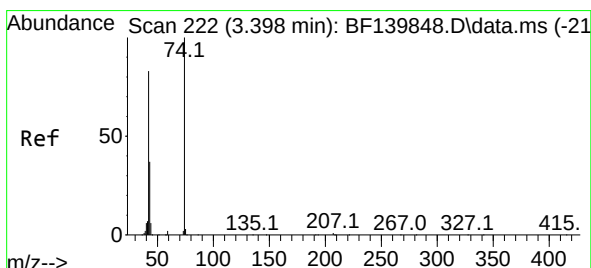
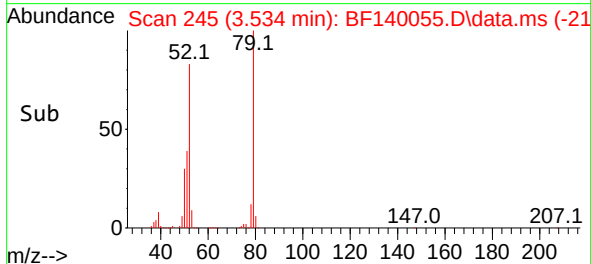
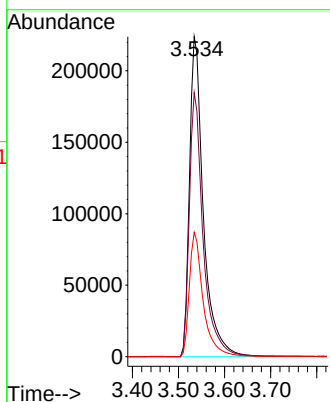
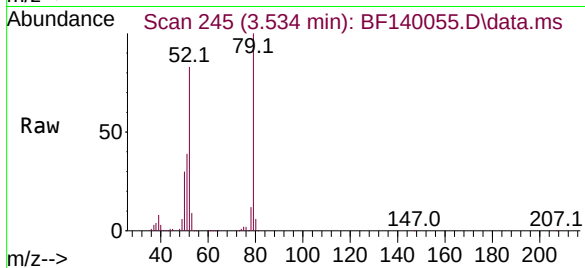
Tgt Ion: 79 Resp: 468664

Ion Ratio Lower Upper

79 100

52 82.5 68.5 102.7

51 38.9 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 39.990 ng

RT: 3.493 min Scan# 238

Delta R.T. 0.094 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

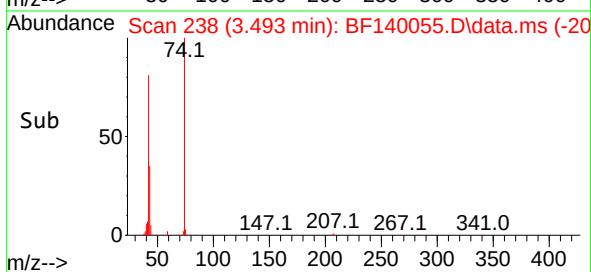
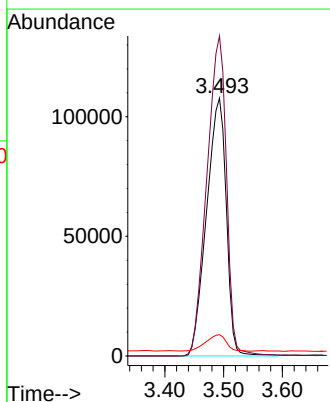
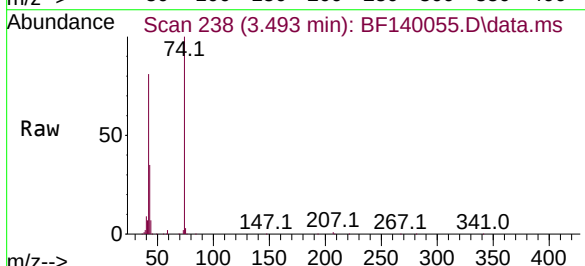
Tgt Ion: 42 Resp: 252103

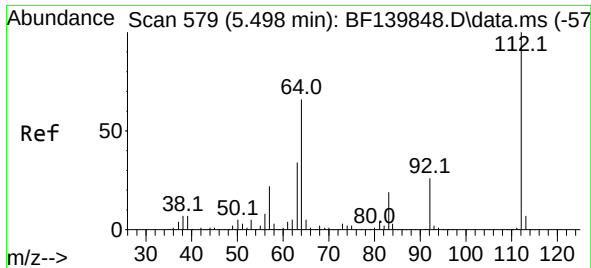
Ion Ratio Lower Upper

42 100

74 124.2 96.2 144.4

44 8.3 6.2 9.2

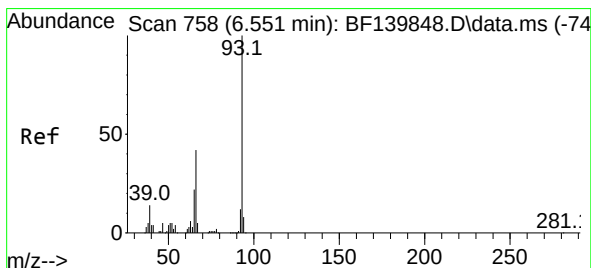
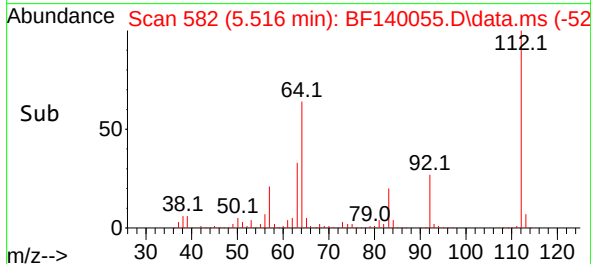
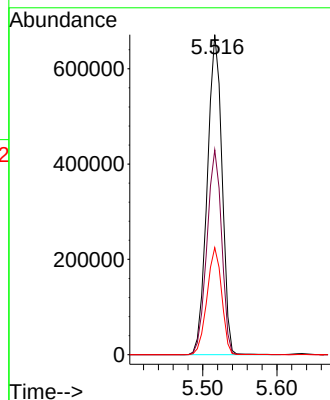
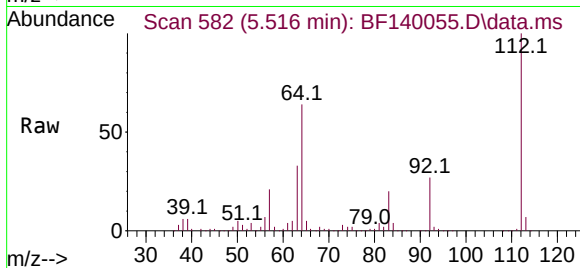




#5
2-Fluorophenol
Concen: 91.449 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

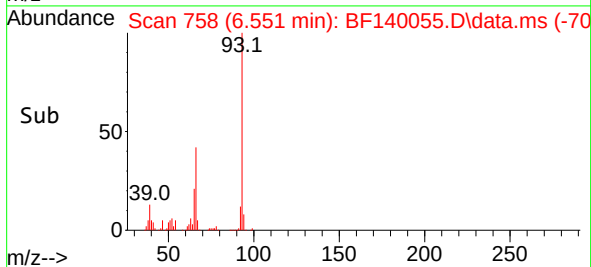
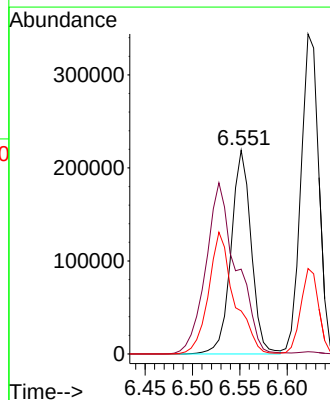
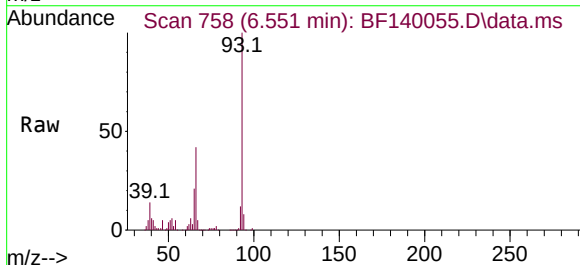
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

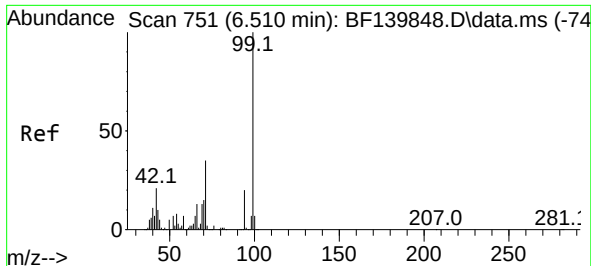
Tgt Ion:112 Resp: 928462
Ion Ratio Lower Upper
112 100
64 64.0 53.0 79.6
63 33.4 27.0 40.4



#6
Aniline
Concen: 26.385 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion: 93 Resp: 323350
Ion Ratio Lower Upper
93 100
66 41.7 34.0 51.0
65 21.2 17.4 26.0





#7

Phenol-d6

Concen: 91.749 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

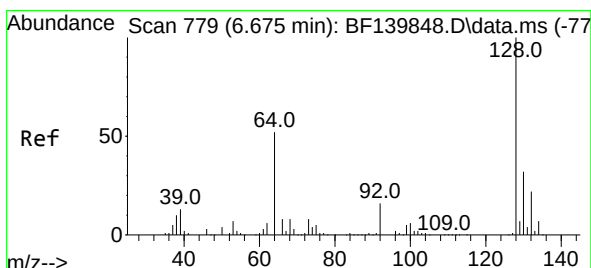
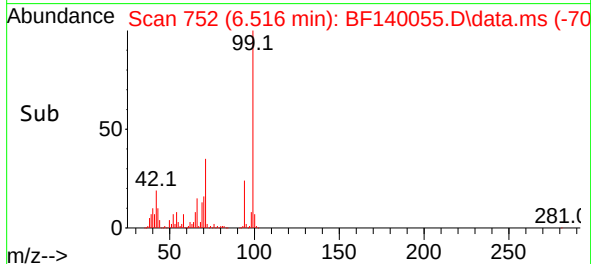
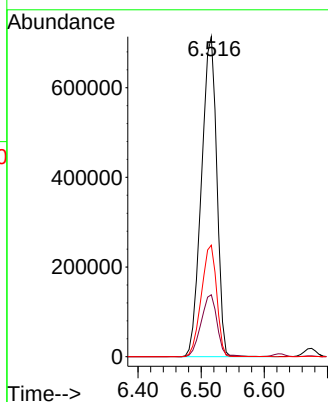
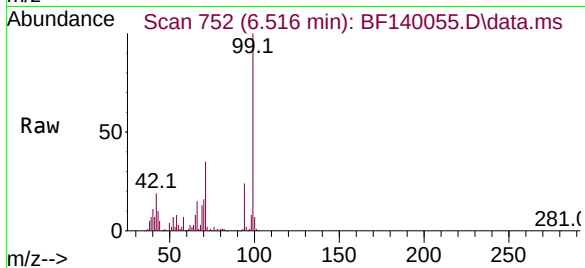
BNA_F

ClientSampleId :

BP-F22MSD

Tgt Ion: 99 Resp: 1206456

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.7	25.1
71	34.9	27.7	41.5



#8

2-Chlorophenol

Concen: 45.117 ng

RT: 6.675 min Scan# 779

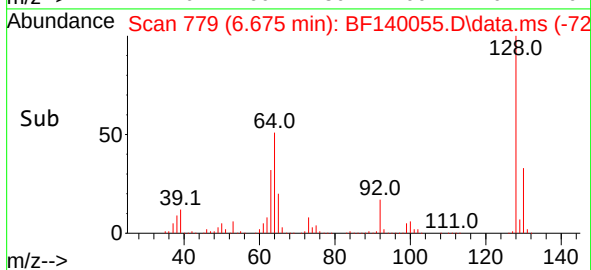
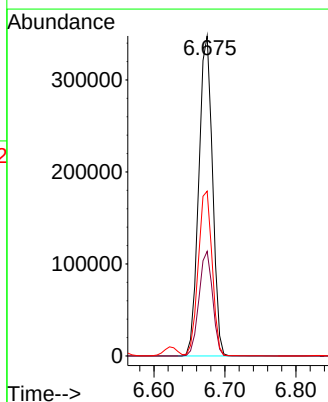
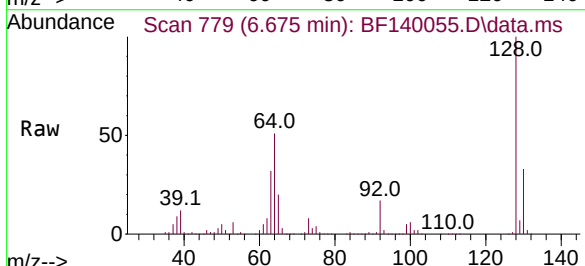
Delta R.T. 0.000 min

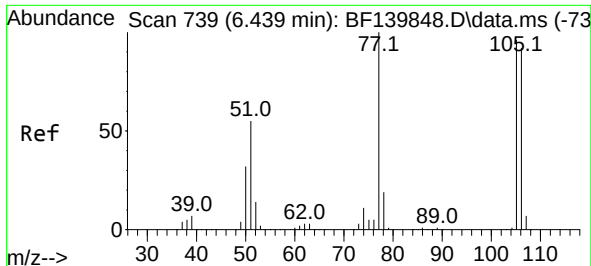
Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Tgt Ion: 128 Resp: 468280

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.3	52.3
64	51.5	34.6	74.6





#9

Benzaldehyde

Concen: 12.851 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

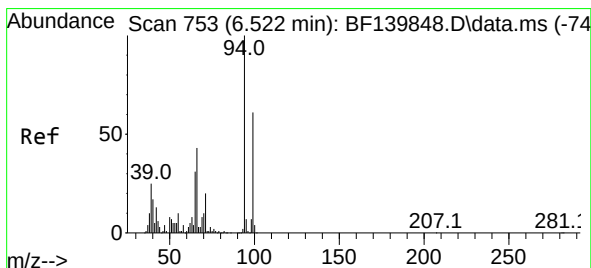
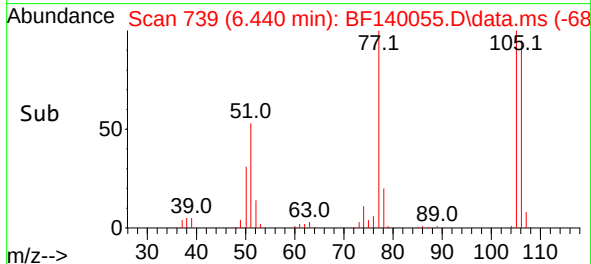
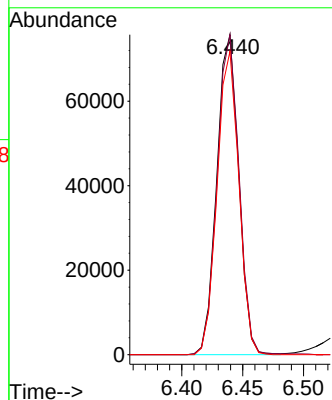
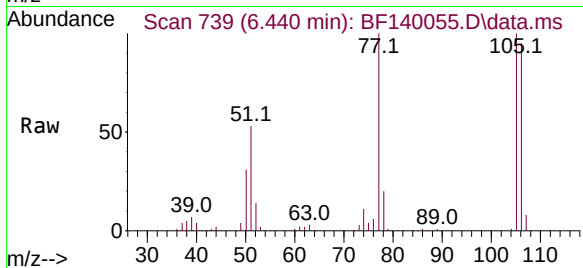
Tgt Ion: 77 Resp: 95064

Ion Ratio Lower Upper

77 100

105 99.9 75.5 115.5

106 94.8 71.7 111.7



#10

Phenol

Concen: 43.838 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

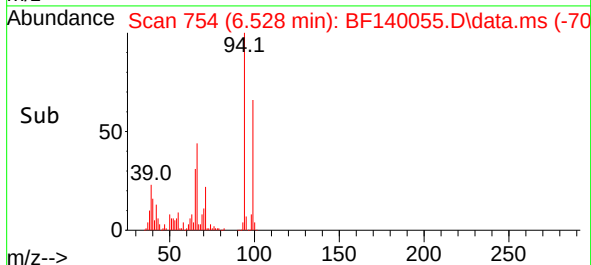
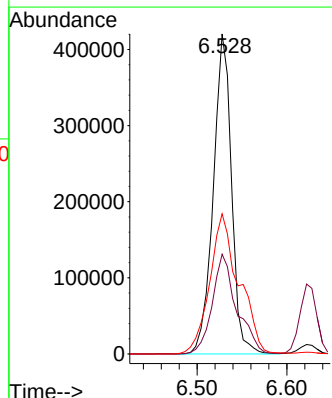
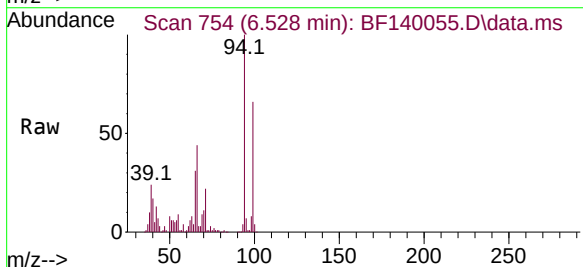
Tgt Ion: 94 Resp: 594289

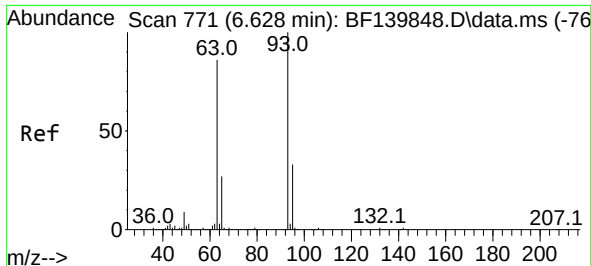
Ion Ratio Lower Upper

94 100

65 31.1 11.1 51.1

66 43.8 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 43.146 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

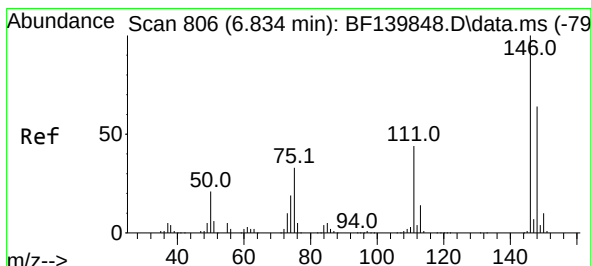
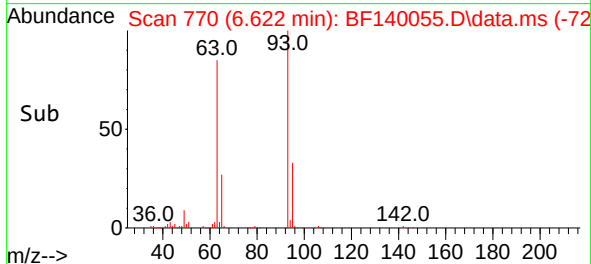
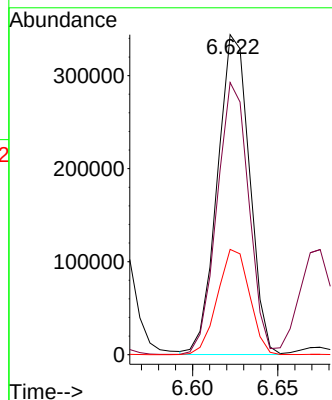
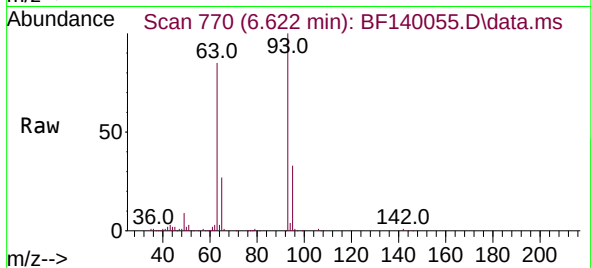
Tgt Ion: 93 Resp: 452095

Ion Ratio Lower Upper

93 100

63 85.0 65.0 105.0

95 32.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 42.082 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

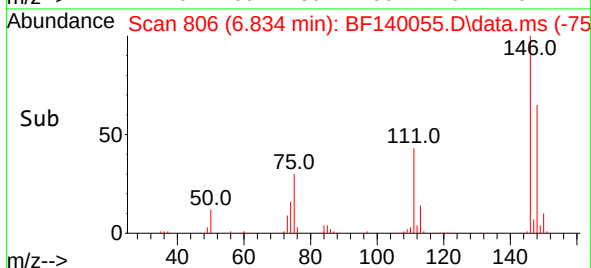
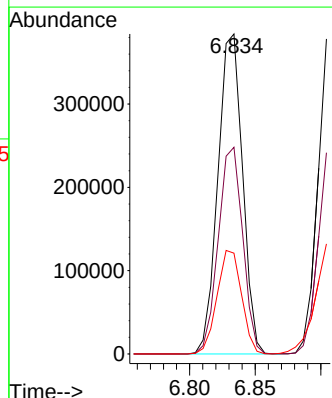
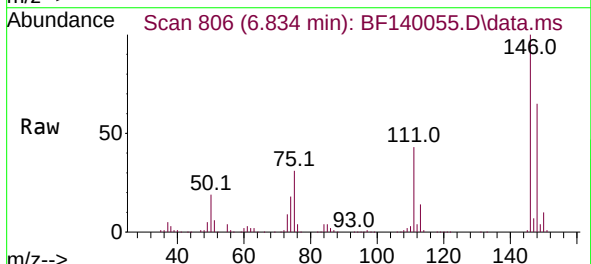
Tgt Ion:146 Resp: 501388

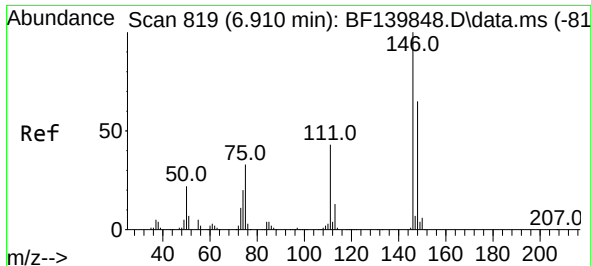
Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.4

75 31.5 26.4 39.6

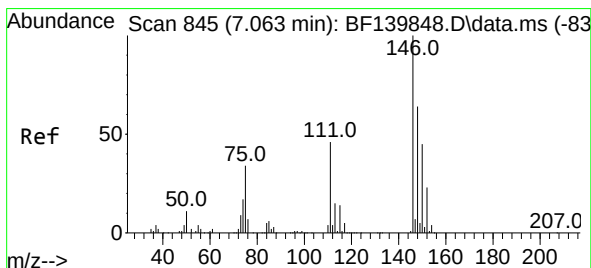
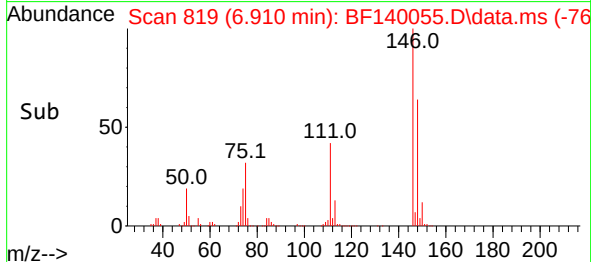
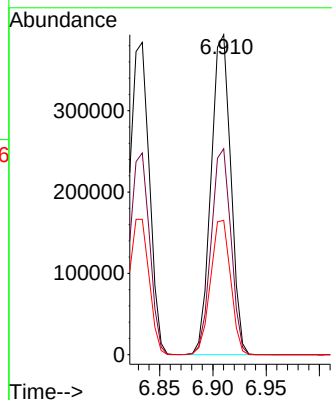
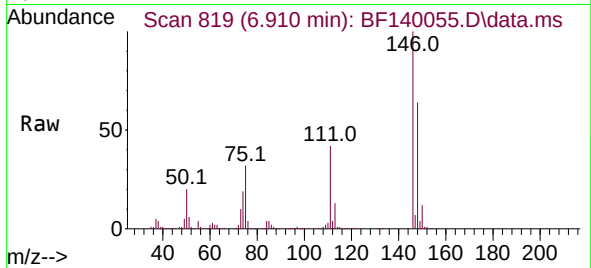




#13
1,4-Dichlorobenzene
Concen: 42.615 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

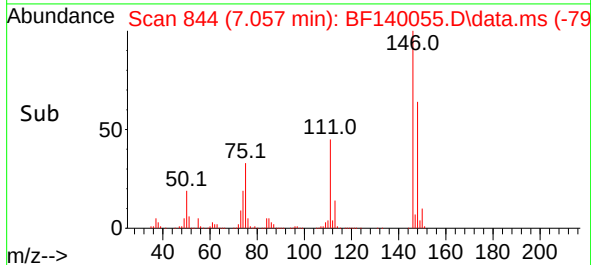
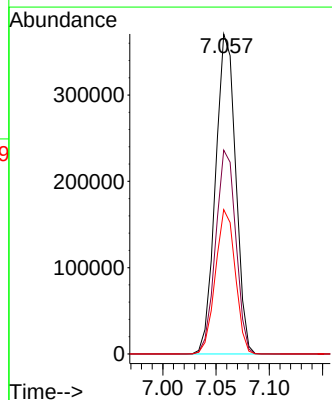
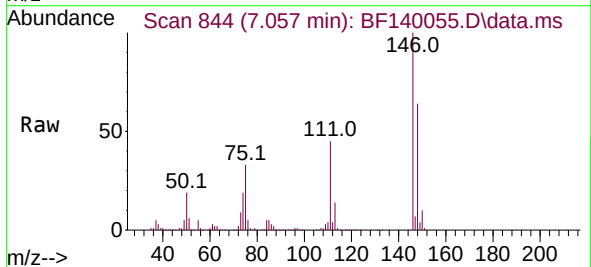
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

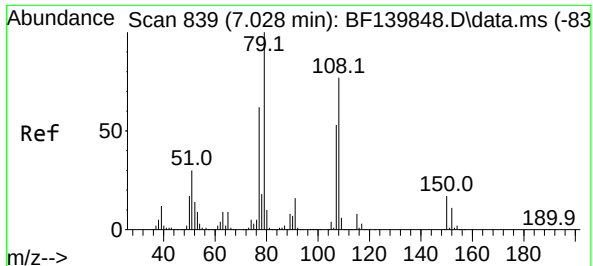
Tgt Ion:146 Resp: 507263
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 42.0 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 43.786 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:146 Resp: 486434
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 45.1 36.7 55.1

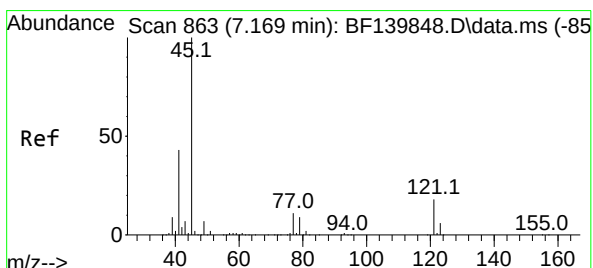
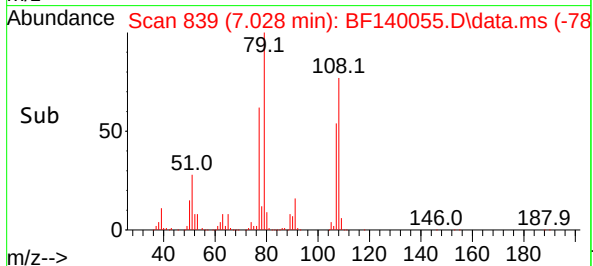
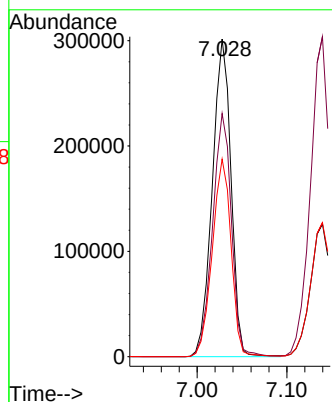
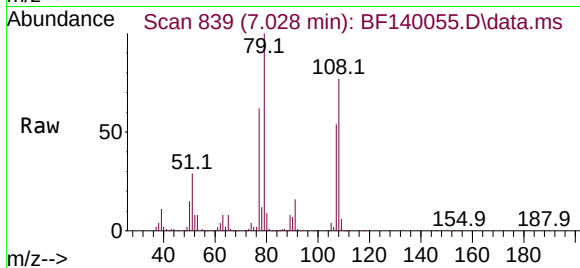




#15
Benzyl Alcohol
Concen: 45.241 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

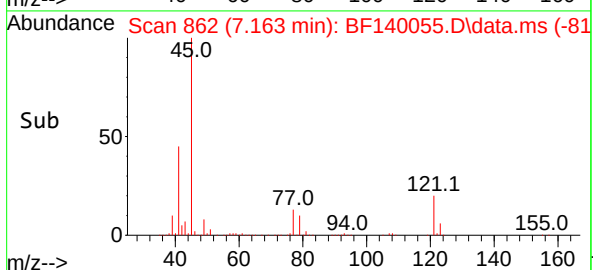
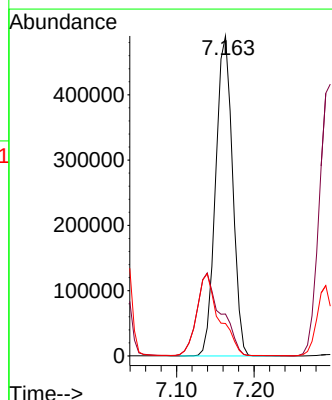
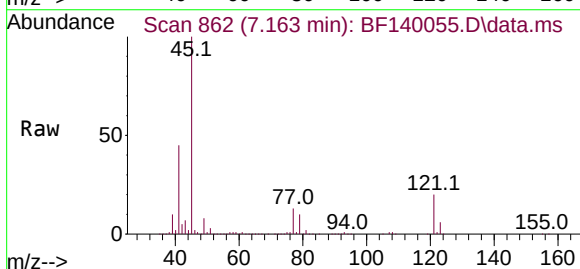
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

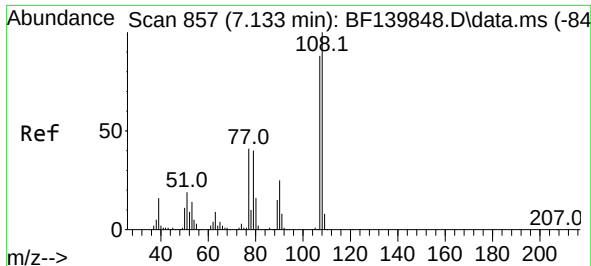
Tgt Ion: 79 Resp: 436384
Ion Ratio Lower Upper
79 100
108 76.6 61.4 92.0
77 62.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.449 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

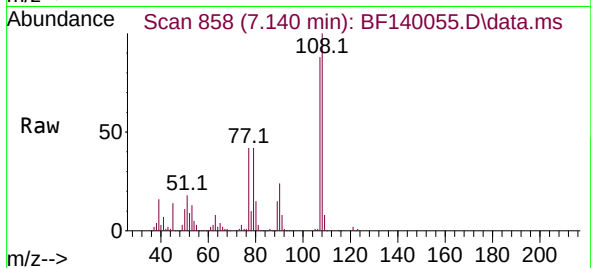
Tgt Ion: 45 Resp: 740558
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.5
79 10.1 0.0 29.1



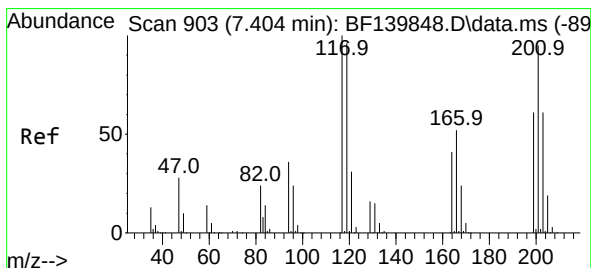
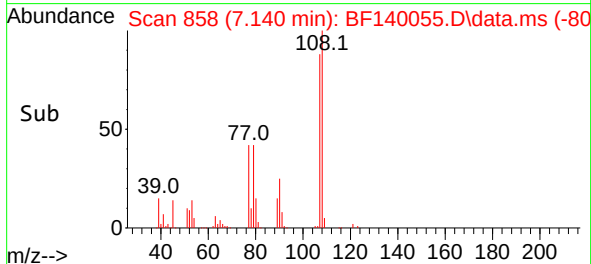
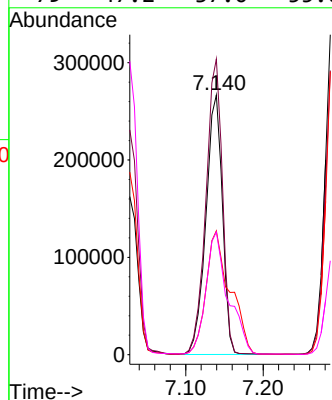


#17
2-Methylphenol
Concen: 44.597 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

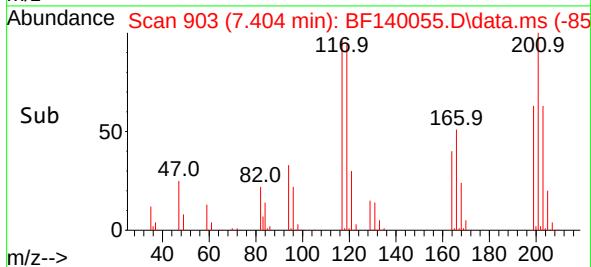
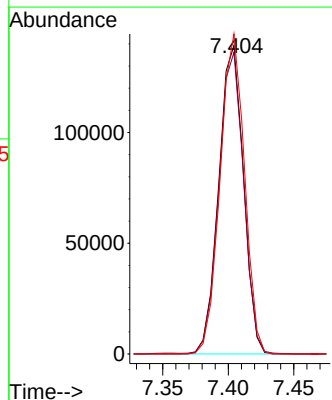
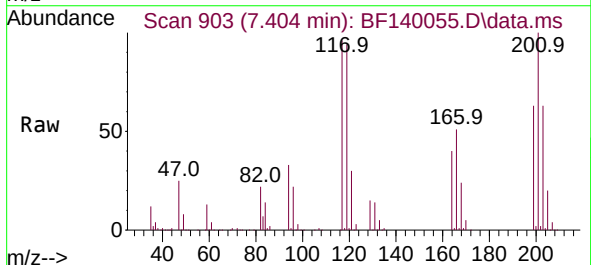


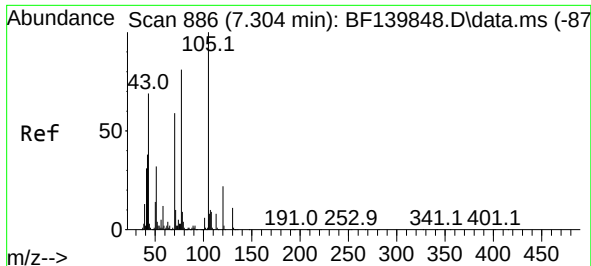
Tgt Ion:	107	Resp:	394701
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.3	136.9
77	47.7	37.1	55.7
79	47.2	37.0	55.6



#18
Hexachloroethane
Concen: 43.013 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:	117	Resp:	182581
Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.0	115.4
201	103.7	76.2	114.4



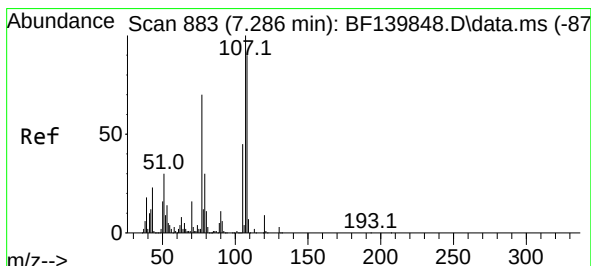
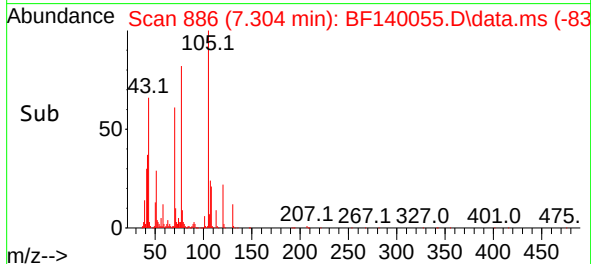
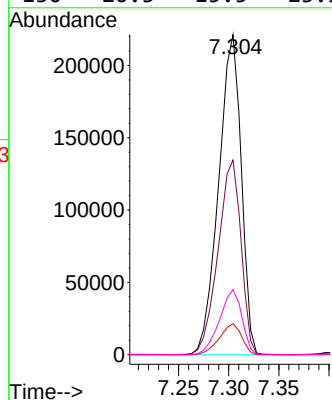
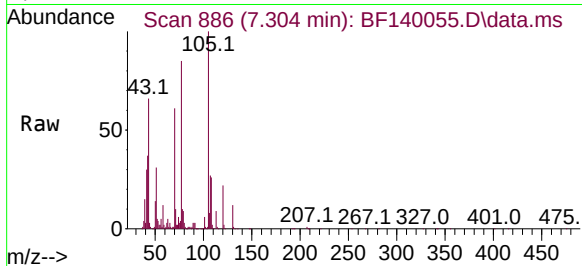


#19
n-Nitroso-di-n-propylamine
Concen: 43.427 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

Tgt Ion: 70 Resp: 346335

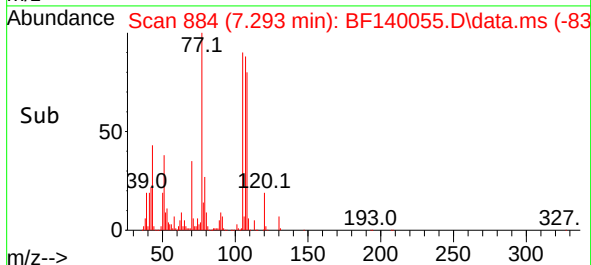
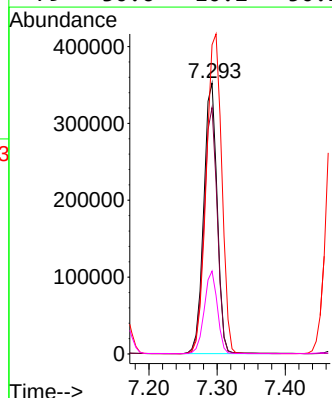
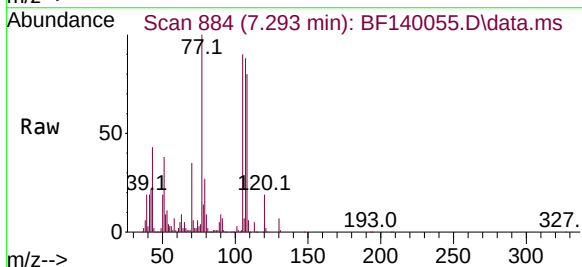
Ion	Ratio	Lower	Upper
70	100		
42	60.8	51.5	77.3
101	9.7	7.5	11.3
130	20.3	15.5	23.3

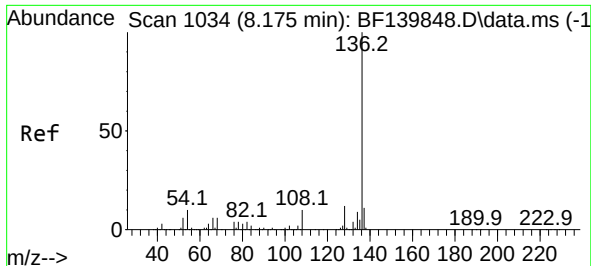


#20
3+4-Methylphenols
Concen: 42.455 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion: 107 Resp: 480605

Ion	Ratio	Lower	Upper
107	100		
108	91.0	69.8	109.8
77	114.1	50.5	90.5#
79	30.6	10.2	50.2



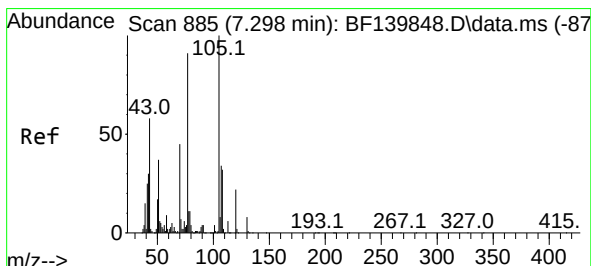
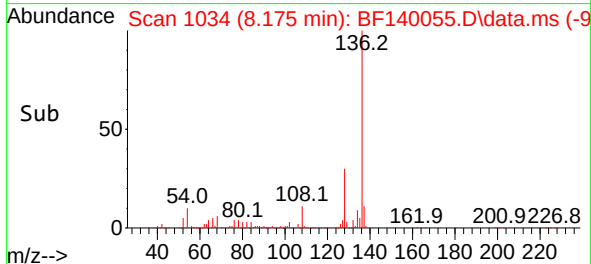
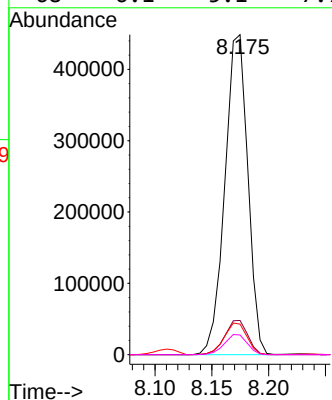
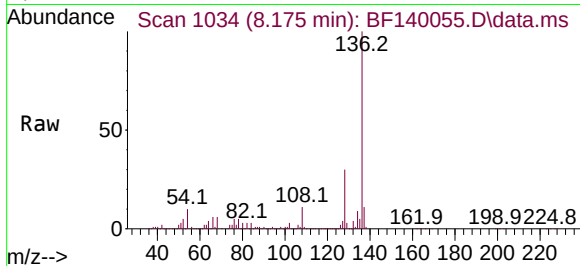


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

Tgt Ion:136 Resp: 630402

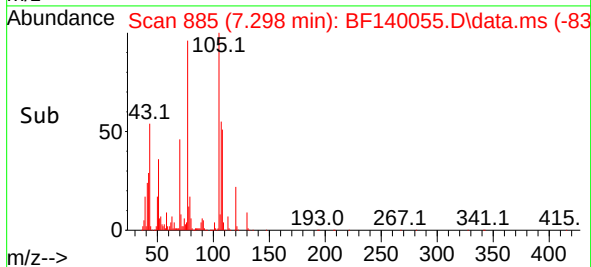
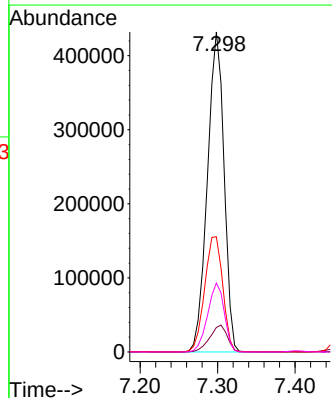
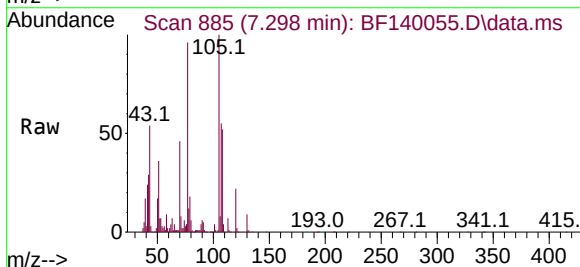
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.6	8.4	12.6
68	6.1	5.1	7.7

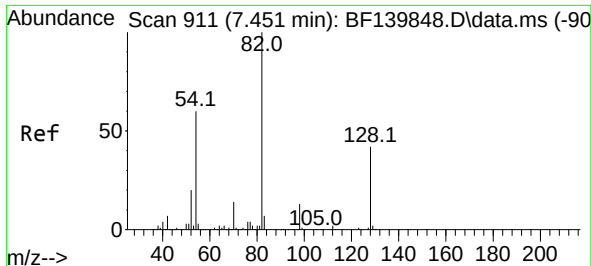


#22
Acetophenone
Concen: 41.786 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:105 Resp: 645198

Ion	Ratio	Lower	Upper
105	100		
71	7.7	5.9	8.9
51	36.0	29.4	44.2
120	21.5	17.5	26.3





#23

Nitrobenzene-d5

Concen: 67.197 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

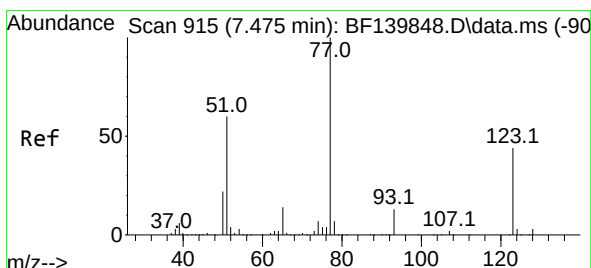
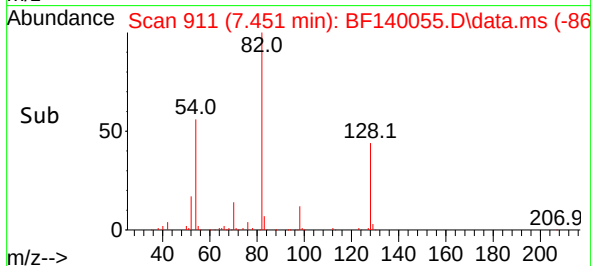
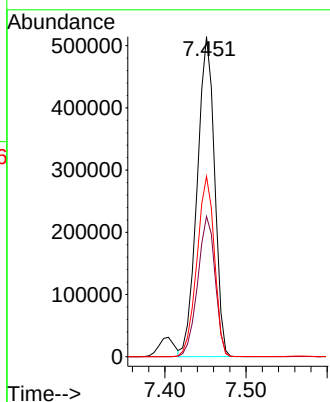
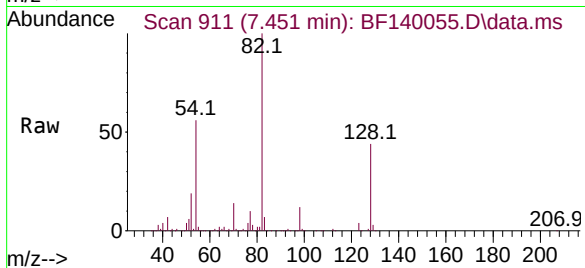
Tgt Ion: 82 Resp: 764320

Ion Ratio Lower Upper

82 100

128 43.8 33.4 50.0

54 56.3 47.8 71.8



#24

Nitrobenzene

Concen: 41.967 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

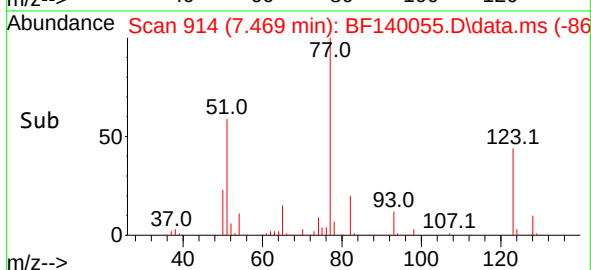
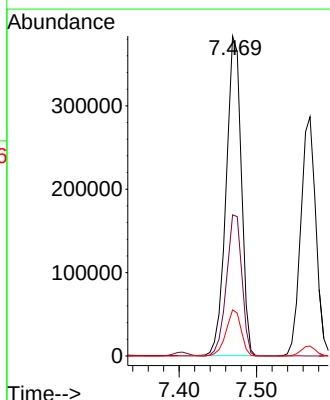
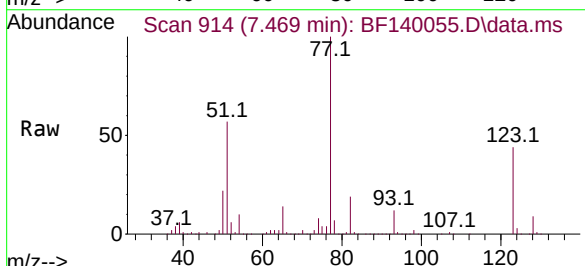
Tgt Ion: 77 Resp: 523352

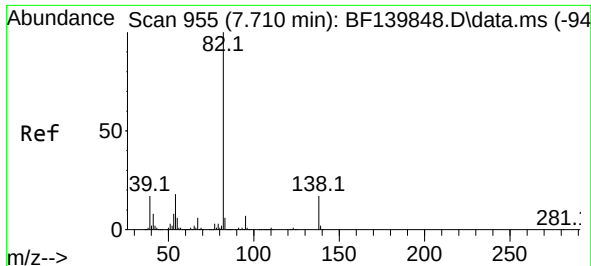
Ion Ratio Lower Upper

77 100

123 44.1 35.7 53.5

65 14.4 11.5 17.3

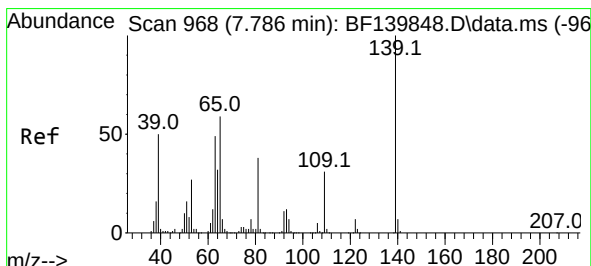
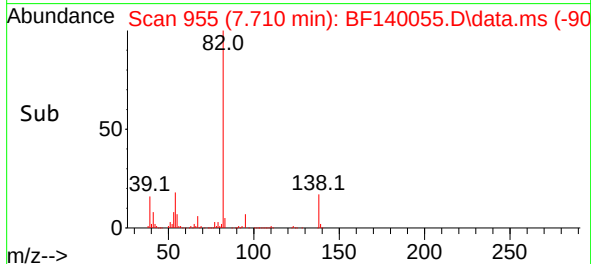
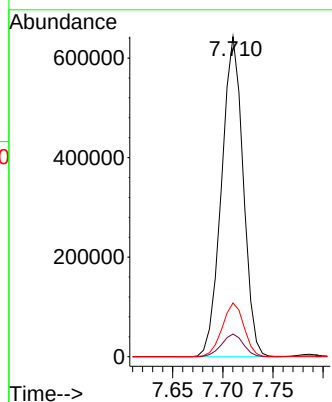
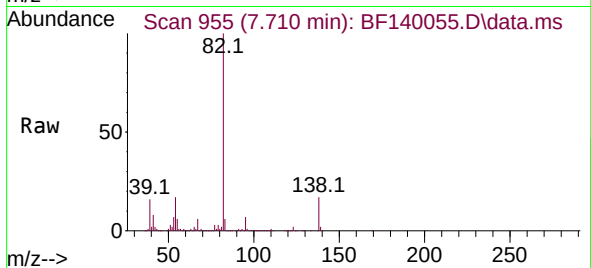




#25
Isophorone
Concen: 44.577 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

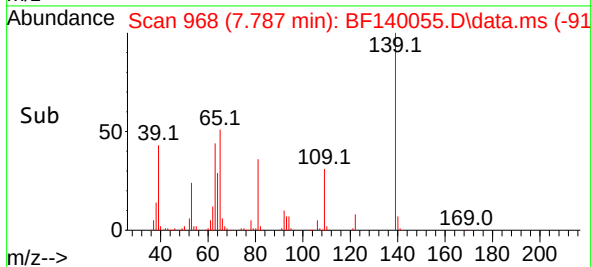
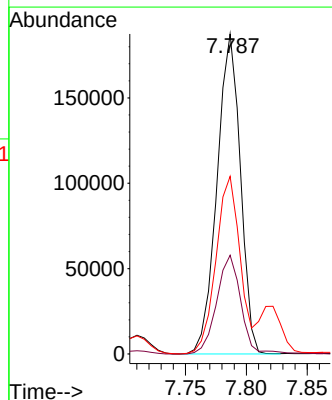
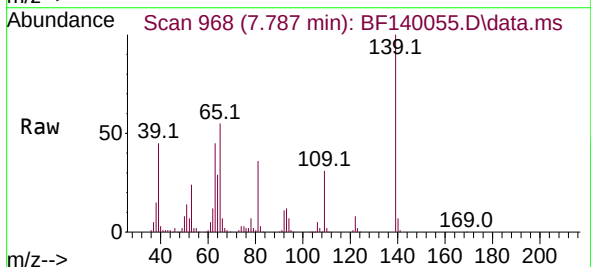
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

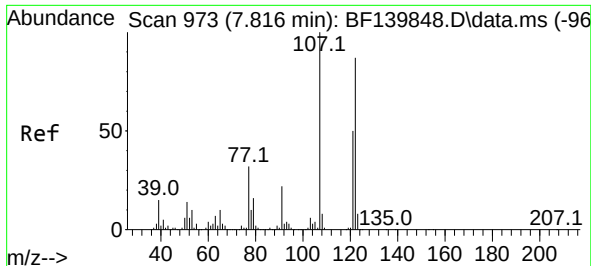
Tgt Ion: 82 Resp: 962345
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.8 13.2 19.8



#26
2-Nitrophenol
Concen: 53.237 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:139 Resp: 250459
Ion Ratio Lower Upper
139 100
109 30.9 25.1 37.7
65 55.5 47.5 71.3

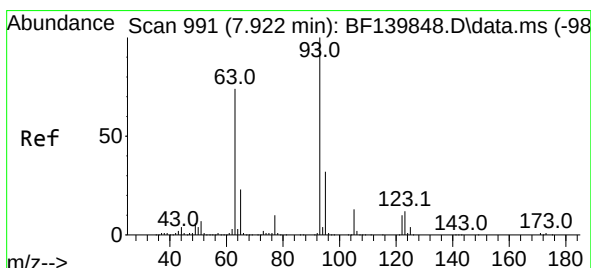
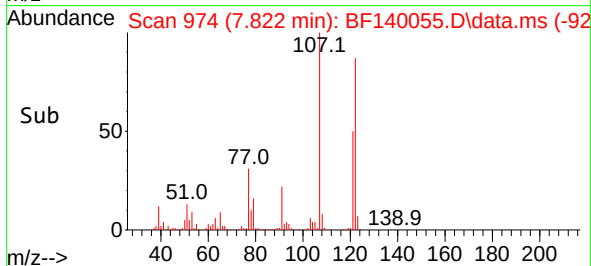
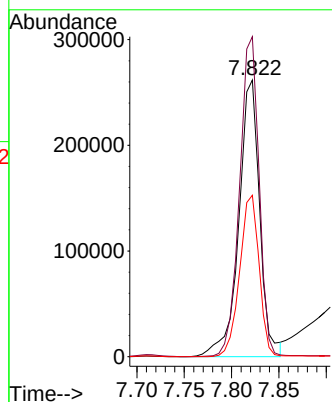
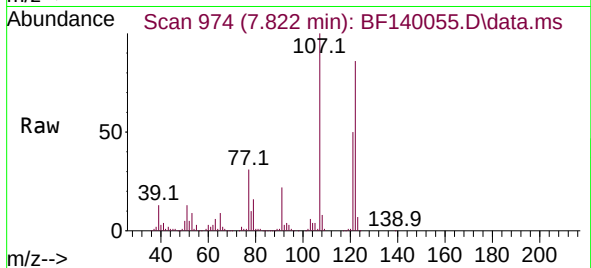




#27
2,4-Dimethylphenol
Concen: 51.137 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

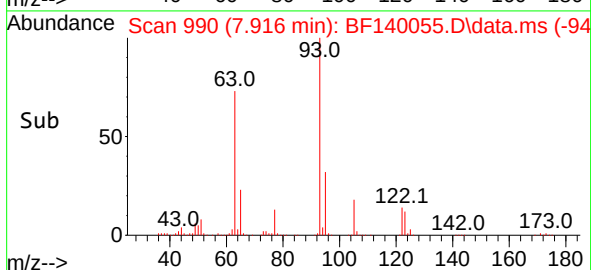
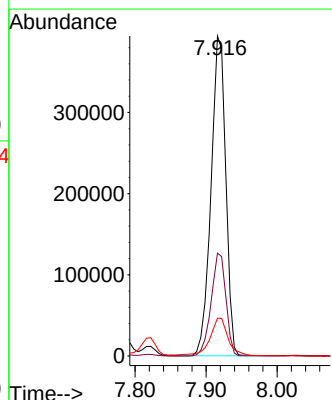
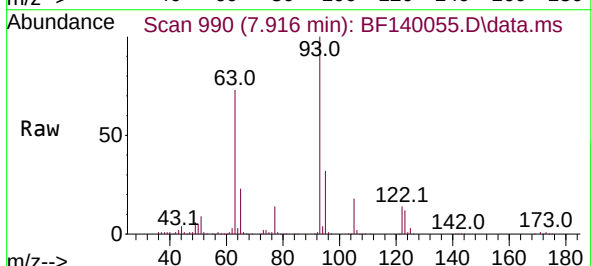
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

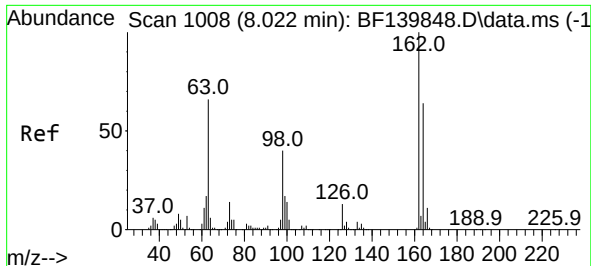
Tgt Ion:122 Resp: 401156
Ion Ratio Lower Upper
122 100
107 115.7 91.9 137.9
121 58.4 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.429 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion: 93 Resp: 568033
Ion Ratio Lower Upper
93 100
95 32.1 26.0 39.0
123 11.8 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 44.854 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

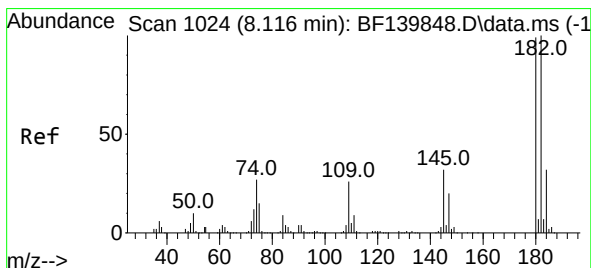
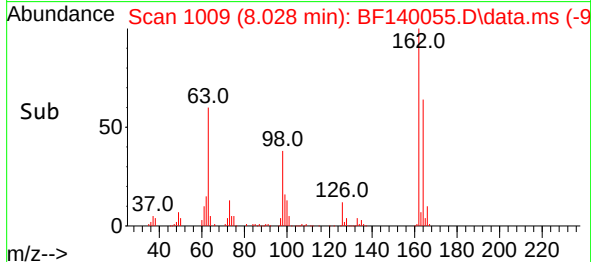
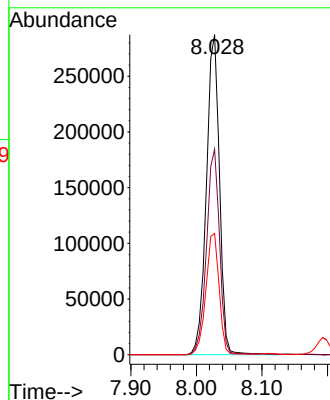
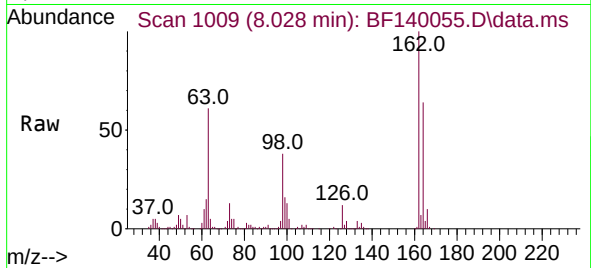
Tgt Ion:162 Resp: 400785

Ion Ratio Lower Upper

162 100

164 64.2 43.9 83.9

98 37.9 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 41.787 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

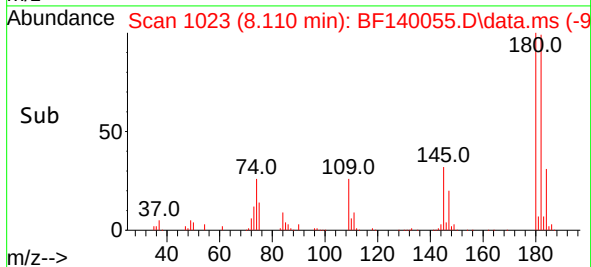
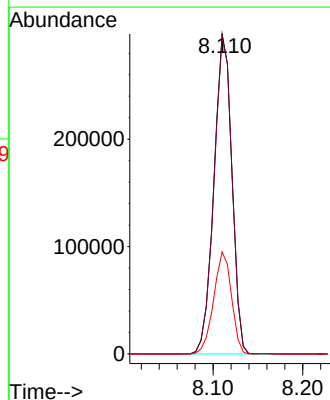
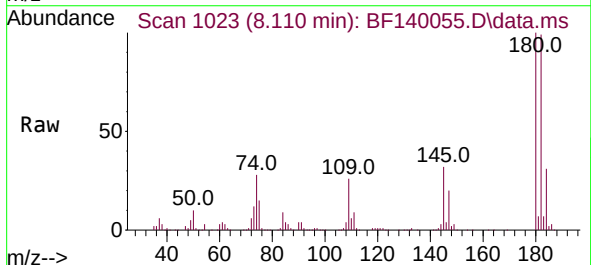
Tgt Ion:180 Resp: 413152

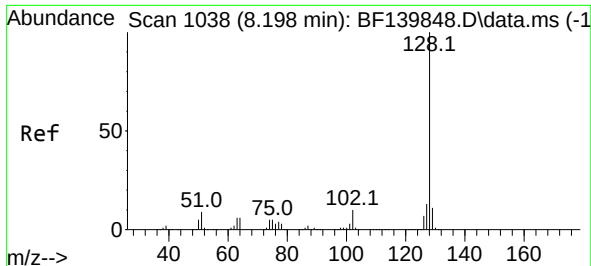
Ion Ratio Lower Upper

180 100

182 99.3 80.5 120.7

145 31.9 25.4 38.0

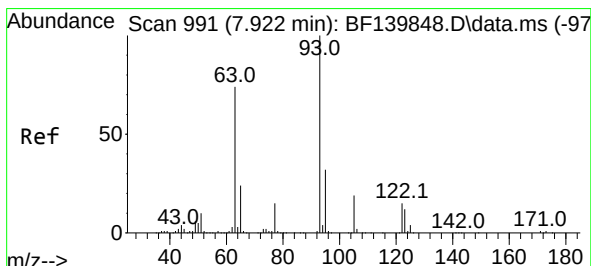
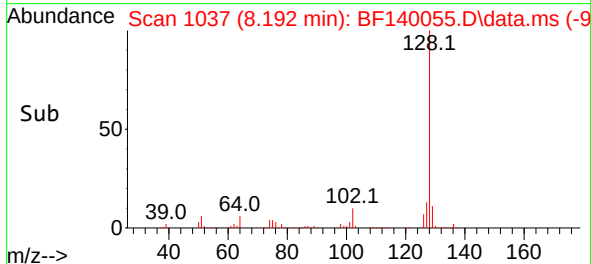
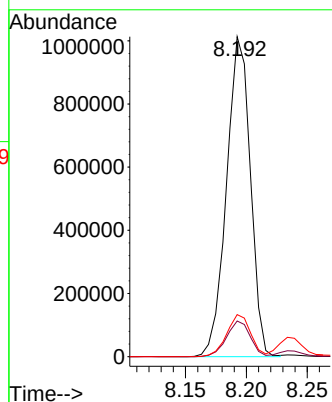
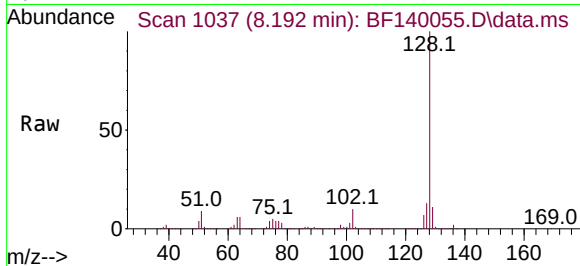




#31
Naphthalene
Concen: 42.451 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

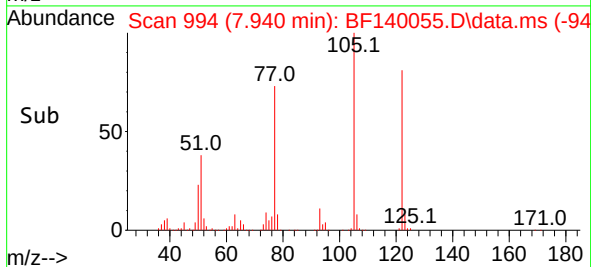
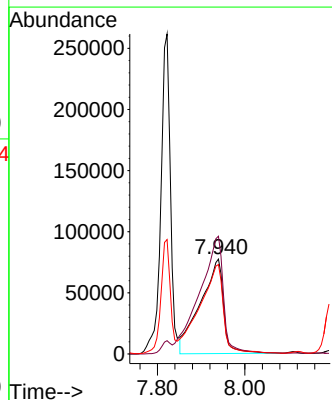
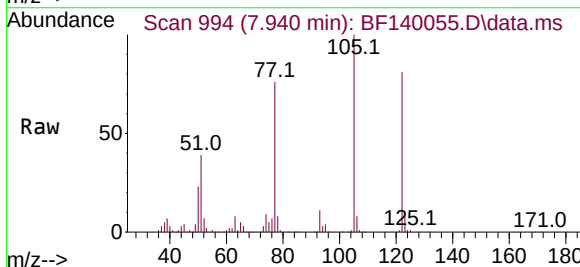
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

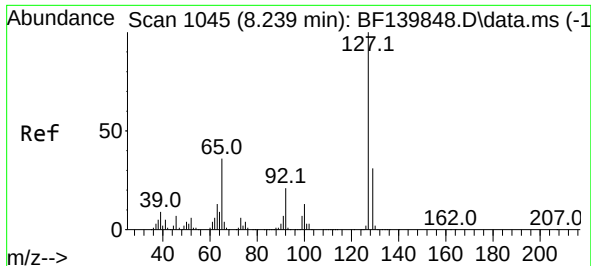
Tgt Ion:128 Resp: 1380167
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 41.669 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:122 Resp: 285102
Ion Ratio Lower Upper
122 100
105 124.0 107.6 147.6
77 94.2 80.2 120.2

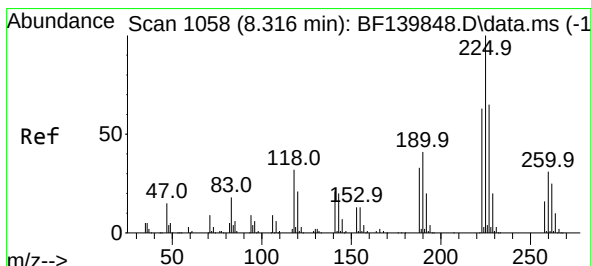
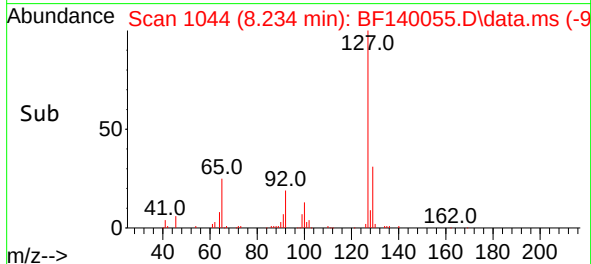
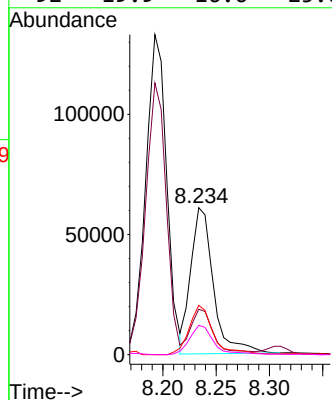
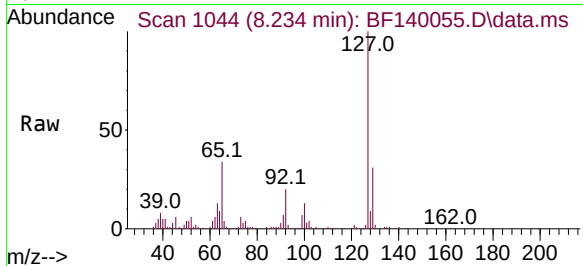




#33
4-Chloroaniline
Concen: 8.157 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

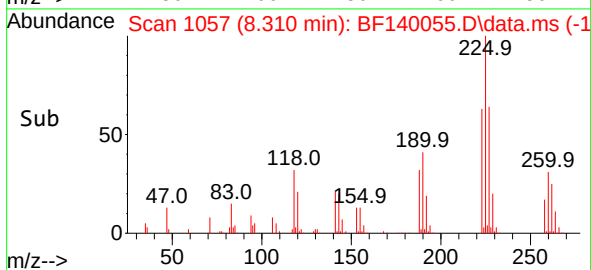
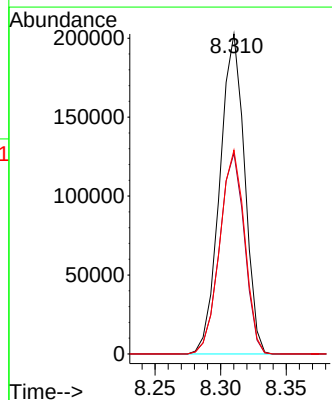
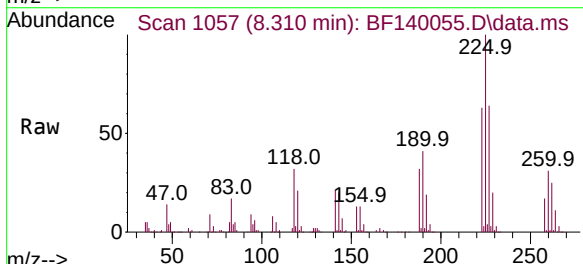
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

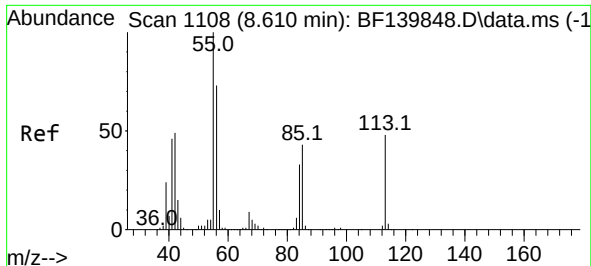
Tgt Ion:127	Resp:	90435
Ion Ratio	Lower	Upper
127	100	
129	30.9	25.4 38.2
65	33.6	28.4 42.6
92	19.9	16.6 25.0



#34
Hexachlorobutadiene
Concen: 42.855 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:225	Resp:	266223
Ion Ratio	Lower	Upper
225	100	
223	62.7	50.6 76.0
227	63.7	51.8 77.8

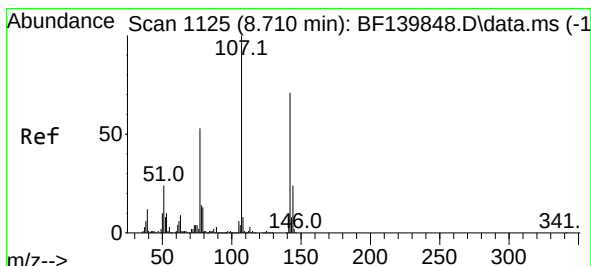
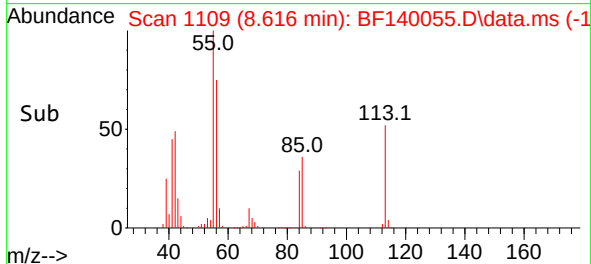
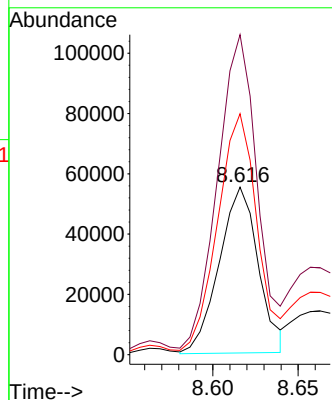
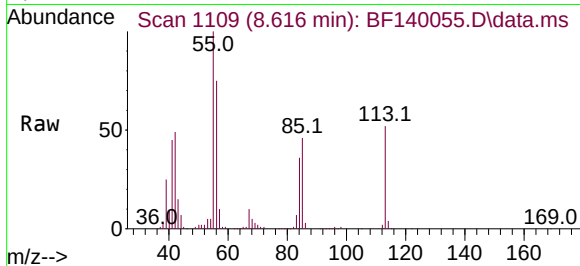




#35
 Caprolactam
 Concen: 30.957 ng
 RT: 8.616 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF140055.D
 Acq: 26 Oct 2024 13:02

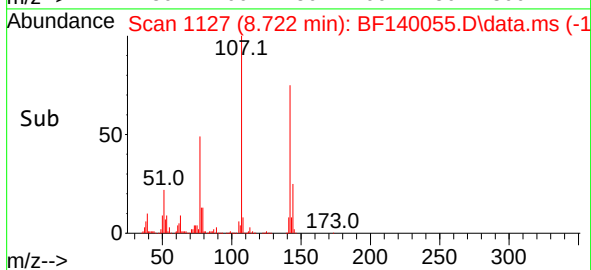
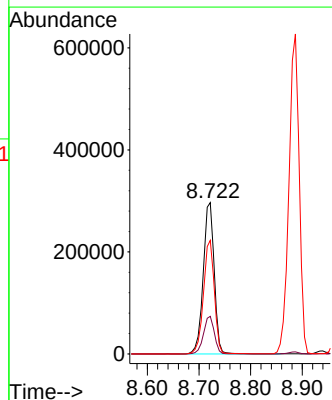
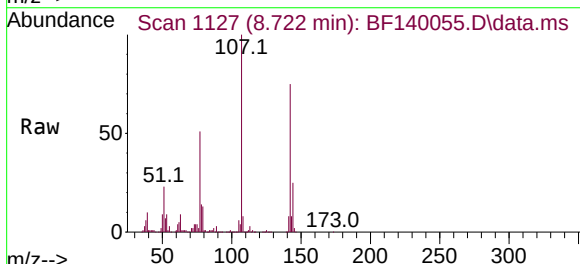
Instrument :
 BNA_F
 ClientSampleId :
 BP-F22MSD

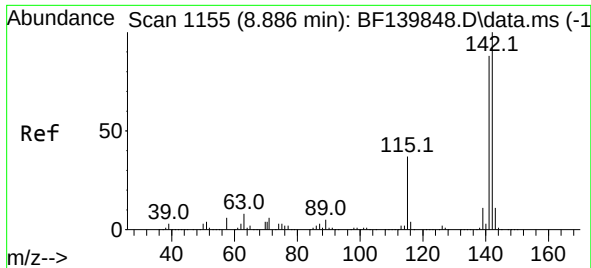
Tgt Ion:113 Resp: 87952
 Ion Ratio Lower Upper
 113 100
 55 191.1 189.2 229.2
 56 143.9 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.332 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.012 min
 Lab File: BF140055.D
 Acq: 26 Oct 2024 13:02

Tgt Ion:107 Resp: 438615
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.1 28.7
 142 75.1 57.2 85.8





#37

2-Methylnaphthalene

Concen: 43.406 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

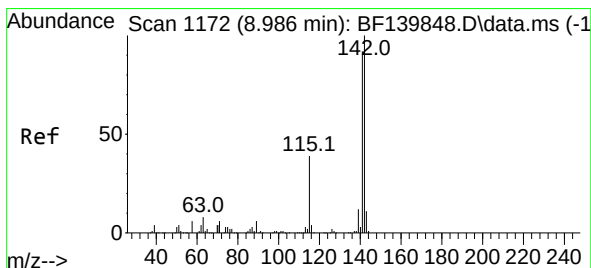
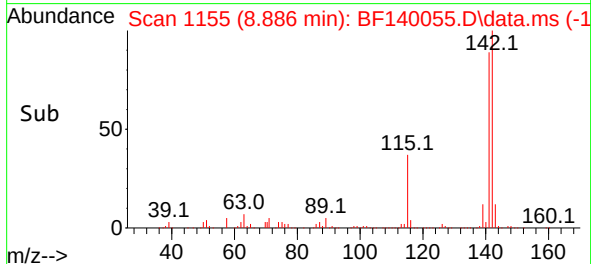
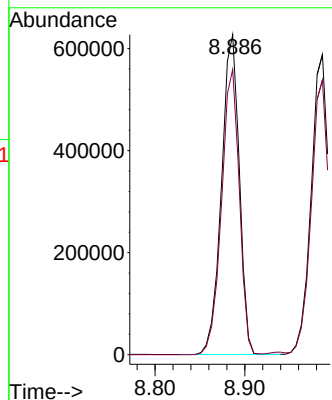
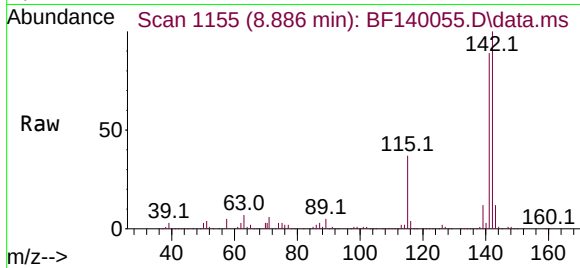
BP-F22MSD

Tgt Ion:142 Resp: 864302

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2



#38

1-Methylnaphthalene

Concen: 41.178 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140055.D

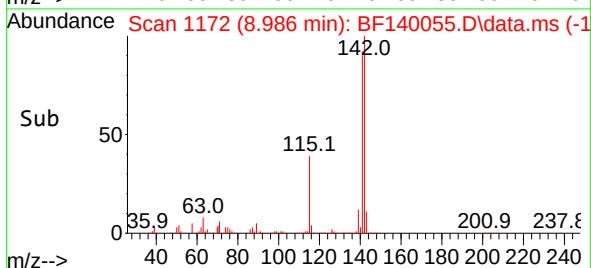
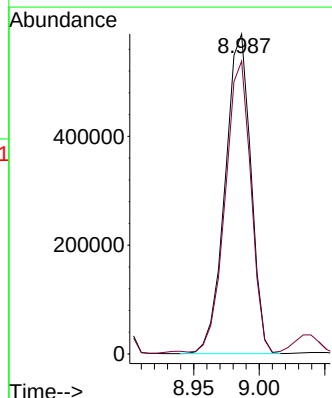
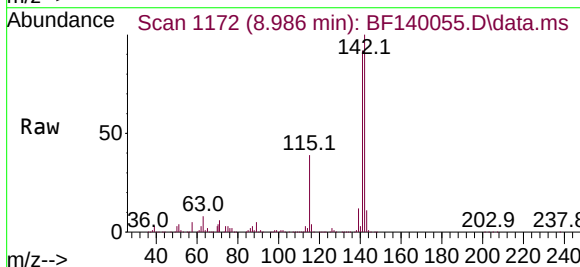
Acq: 26 Oct 2024 13:02

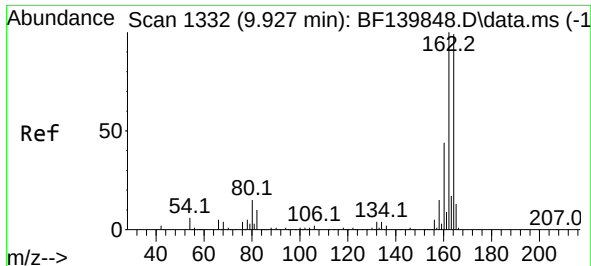
Tgt Ion:142 Resp: 804453

Ion Ratio Lower Upper

142 100

141 91.5 73.5 110.3

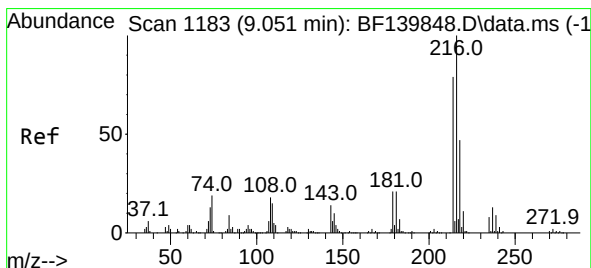
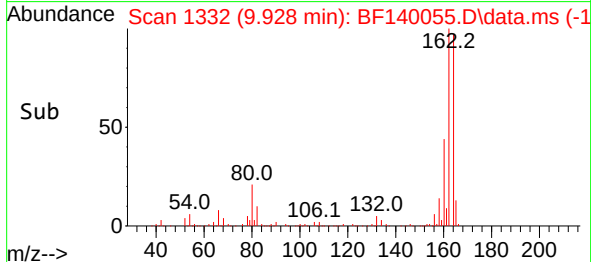
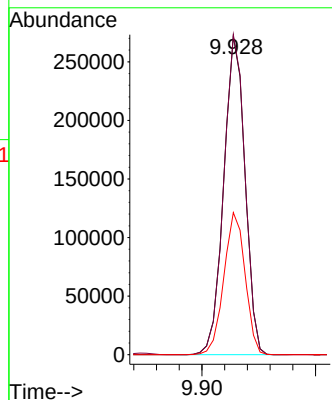
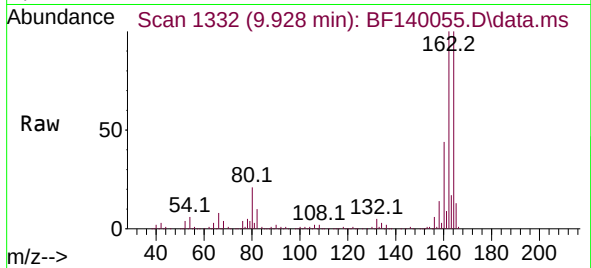




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

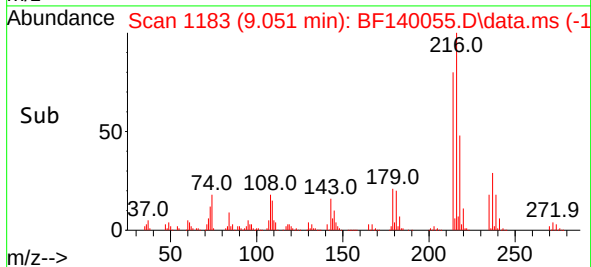
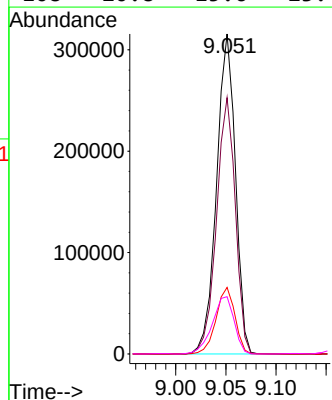
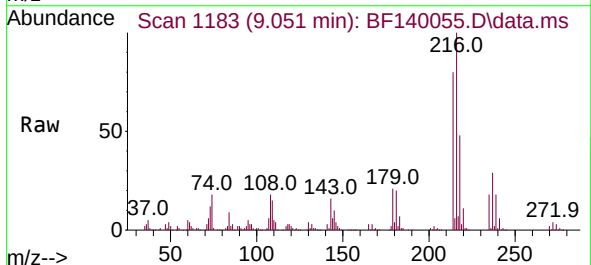
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

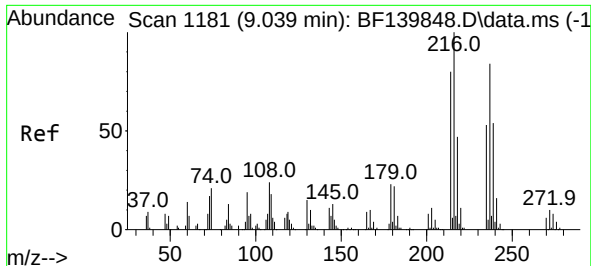
Tgt Ion:164 Resp: 353936
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 44.6 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.152 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:216 Resp: 412044
Ion Ratio Lower Upper
216 100
214 79.9 63.4 95.0
179 20.9 17.2 25.8
108 20.8 15.6 23.4

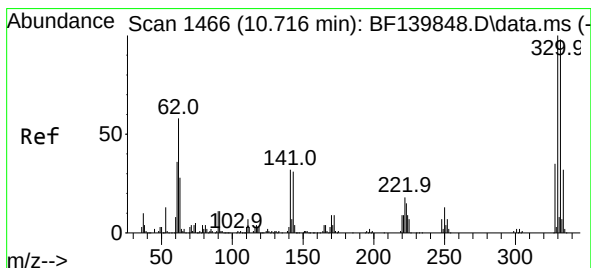
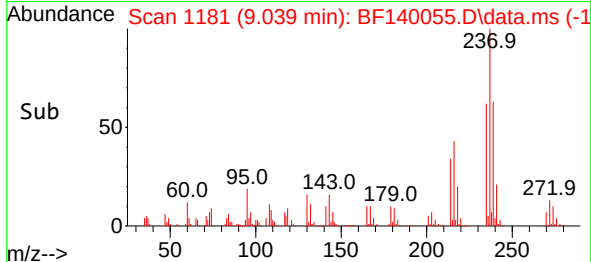
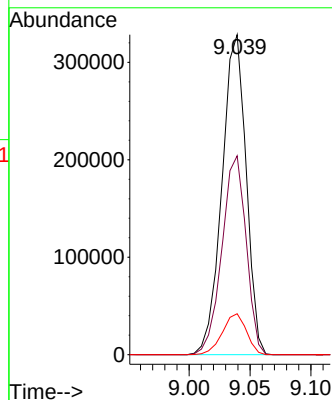
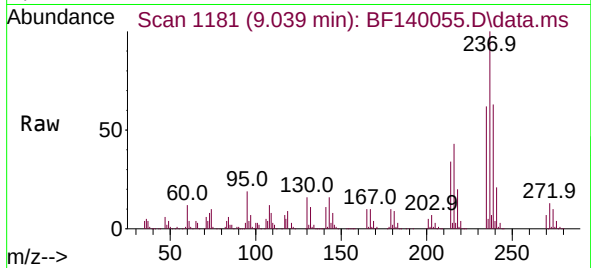




#41
Hexachlorocyclopentadiene
Concen: 136.490 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

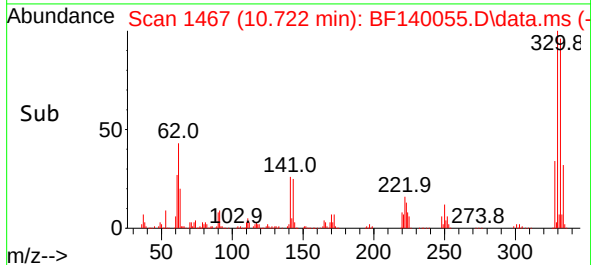
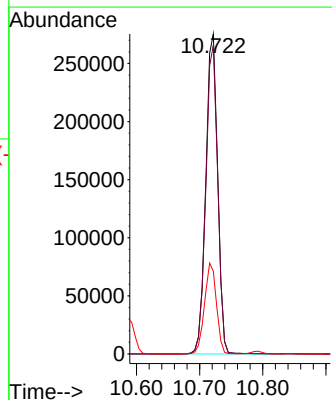
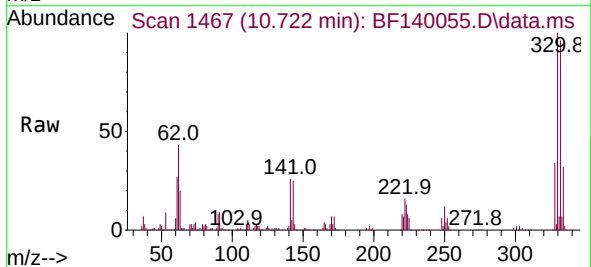
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

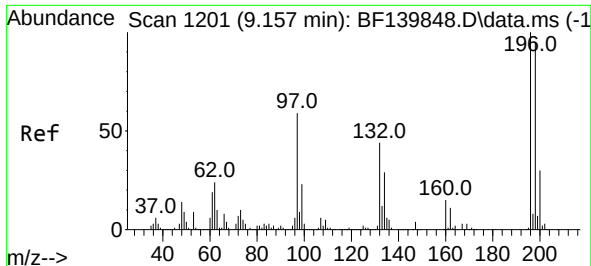
Tgt Ion:237 Resp: 453485
Ion Ratio Lower Upper
237 100
235 62.2 42.9 82.9
272 12.8 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 108.673 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:330 Resp: 359775
Ion Ratio Lower Upper
330 100
332 96.5 78.1 117.1
141 28.5 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 45.832 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

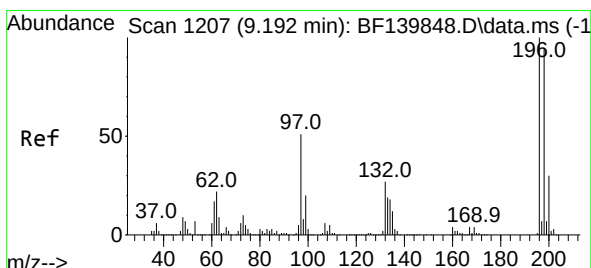
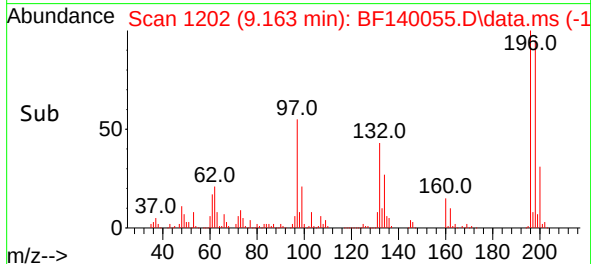
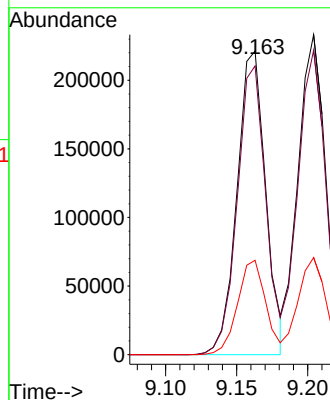
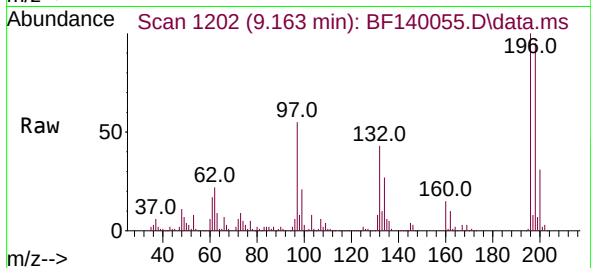
Tgt Ion:196 Resp: 309843

Ion Ratio Lower Upper

196 100

198 95.1 76.2 114.2

200 31.1 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 45.139 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Tgt Ion:196 Resp: 314835

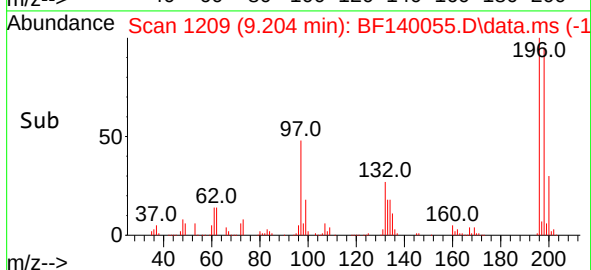
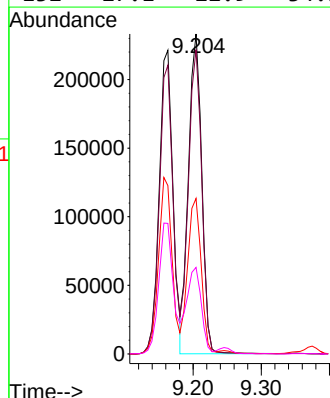
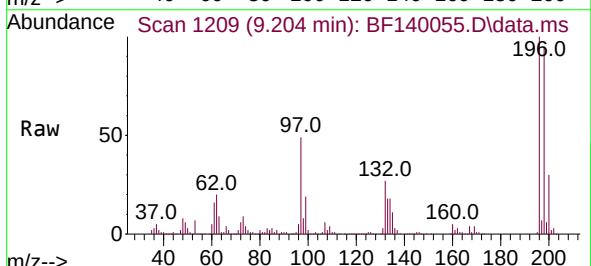
Ion Ratio Lower Upper

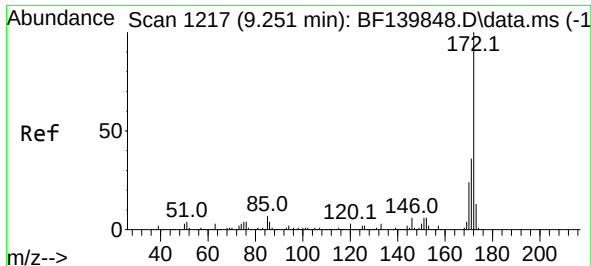
196 100

198 95.1 75.8 113.6

97 48.6 41.8 62.6

132 27.1 22.9 34.3

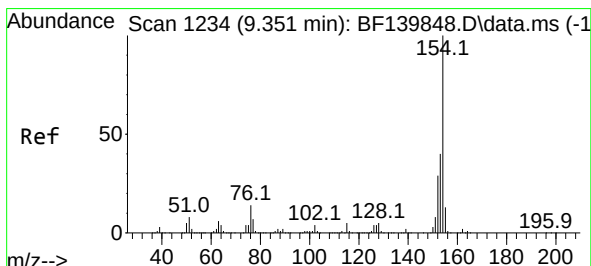
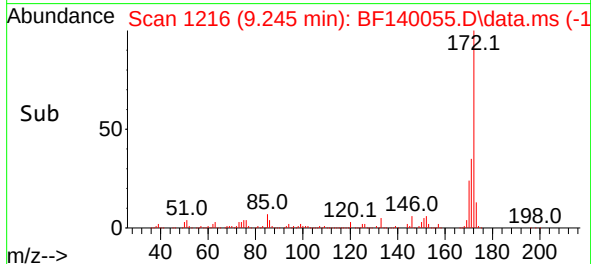
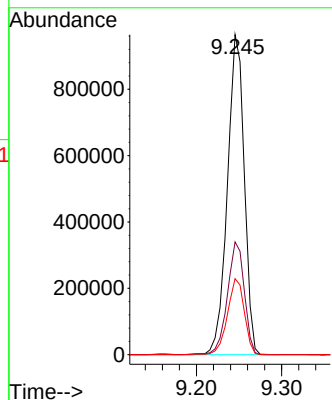
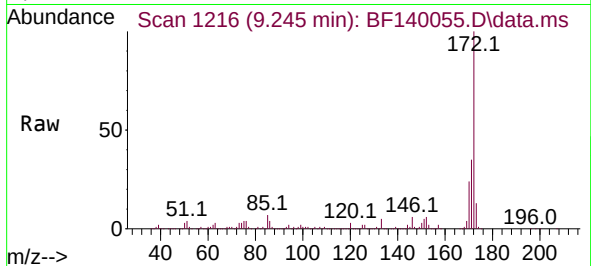




#45
2-Fluorobiphenyl
Concen: 62.024 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

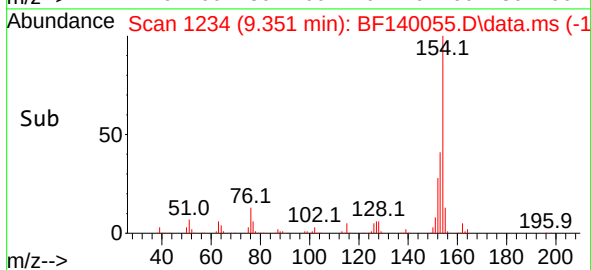
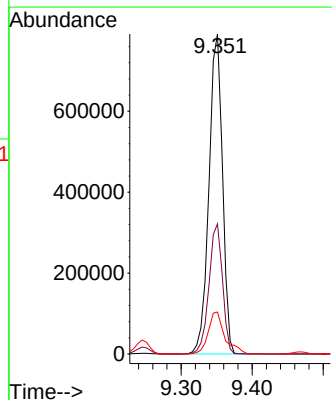
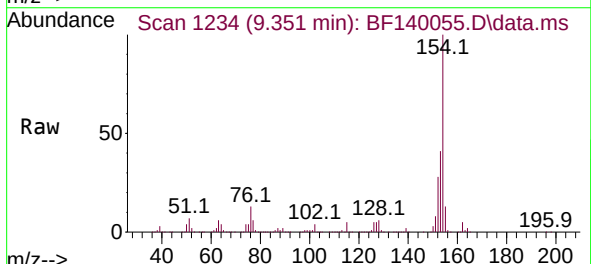
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

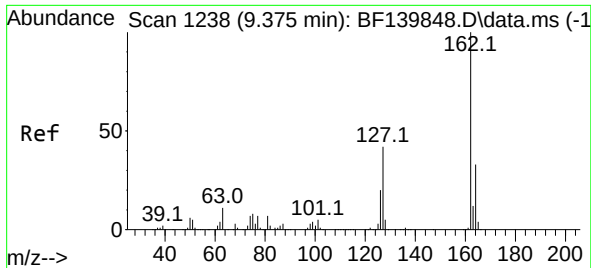
Tgt Ion:172 Resp: 1328285
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 19.1 28.7



#46
1,1'-Biphenyl
Concen: 42.574 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:154 Resp: 1048992
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 13.1 0.0 33.9

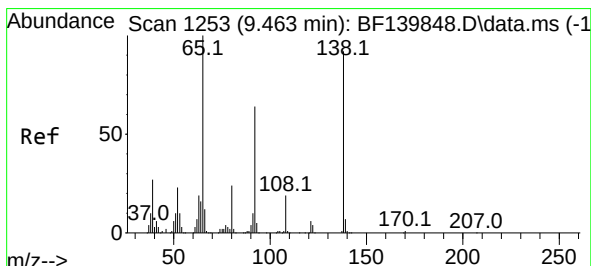
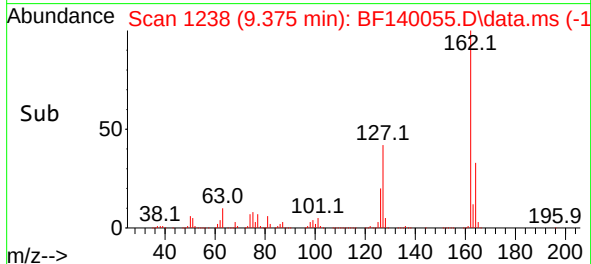
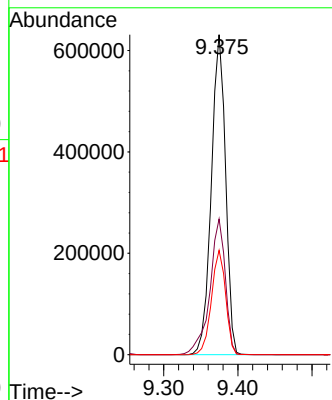
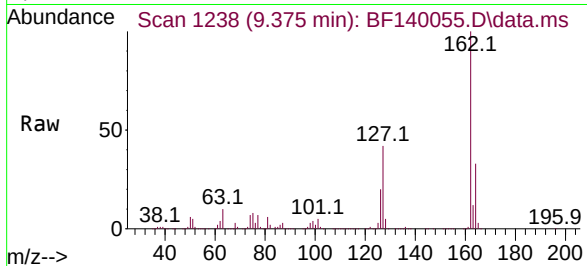




#47
2-Chloronaphthalene
Concen: 42.450 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

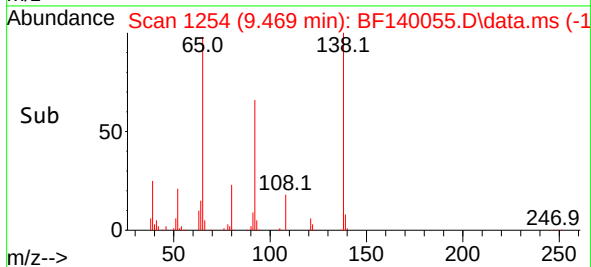
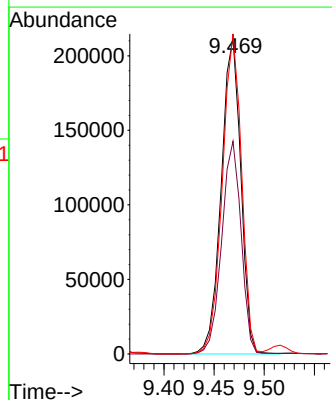
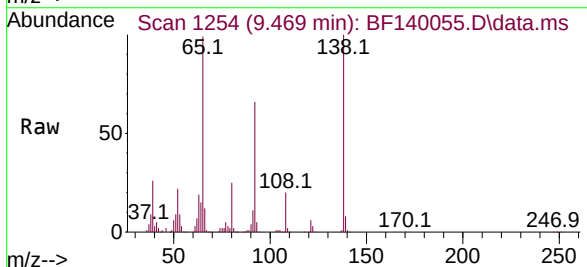
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

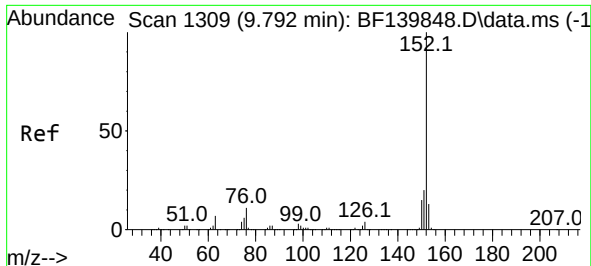
Tgt Ion:162 Resp: 842414
Ion Ratio Lower Upper
162 100
127 42.4 33.8 50.6
164 32.6 26.6 39.8



#48
2-Nitroaniline
Concen: 47.325 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion: 65 Resp: 287236
Ion Ratio Lower Upper
65 100
92 67.3 50.9 76.3
138 101.2 73.4 110.0





#49

Acenaphthylene

Concen: 45.232 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

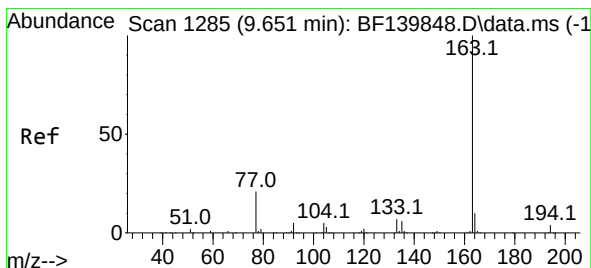
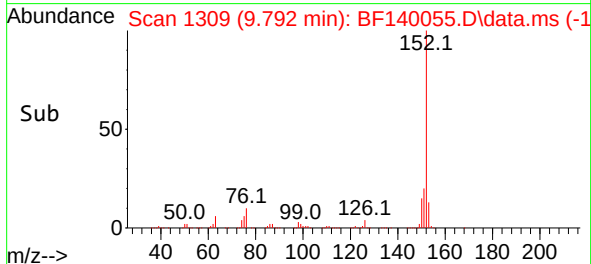
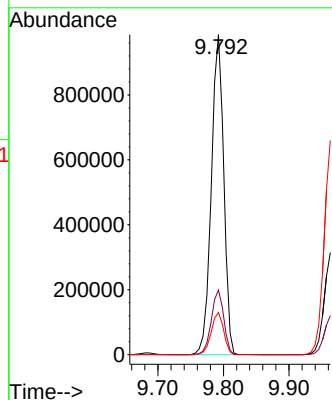
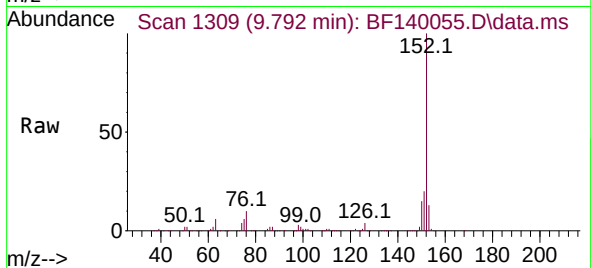
Tgt Ion:152 Resp: 1297693

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.2 10.7 16.1



#50

Dimethylphthalate

Concen: 45.037 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

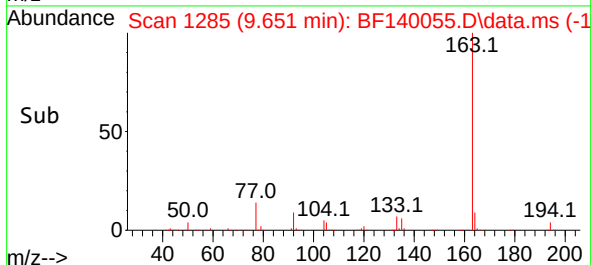
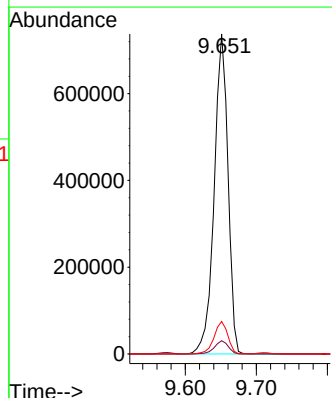
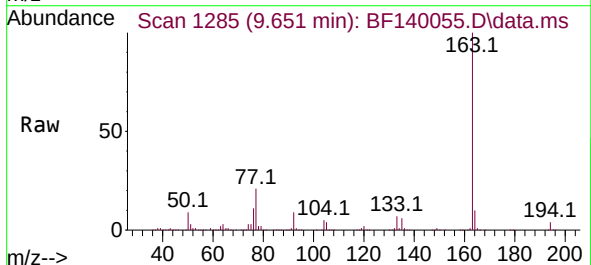
Tgt Ion:163 Resp: 992884

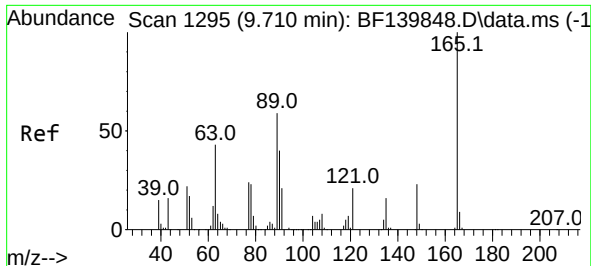
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 8.2 12.2

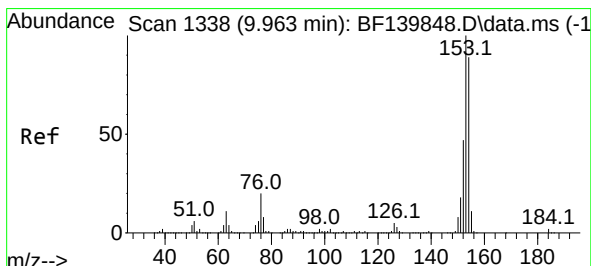
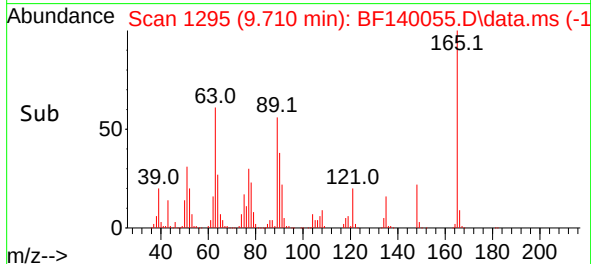
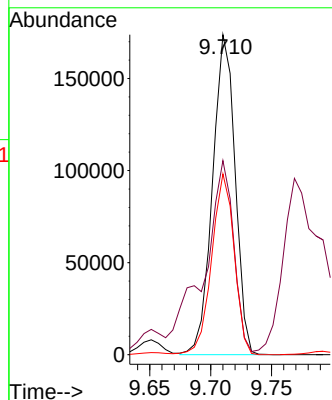
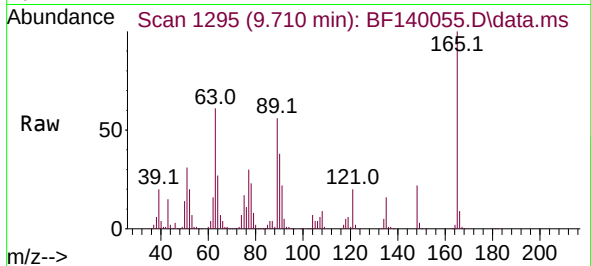




#51
2,6-Dinitrotoluene
Concen: 46.903 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

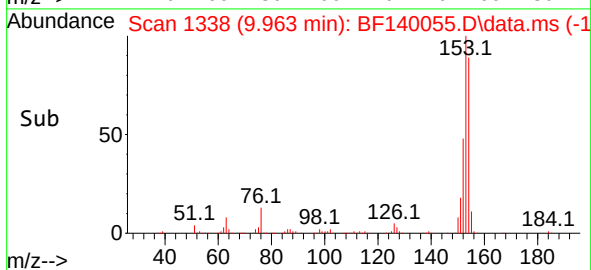
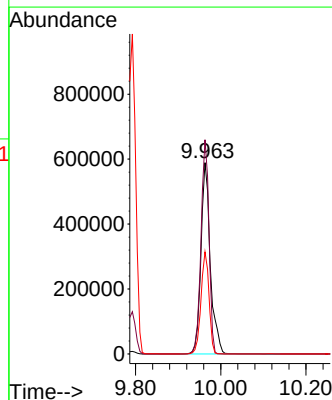
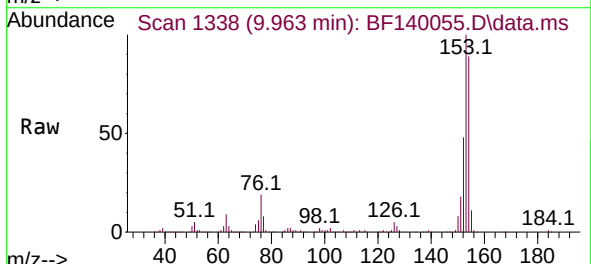
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

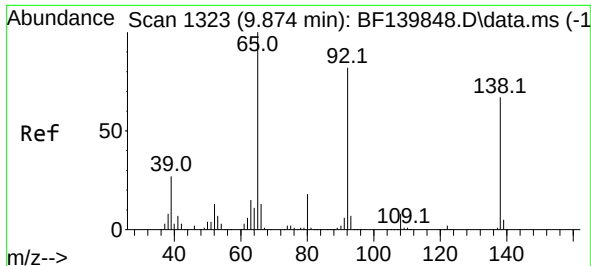
Tgt Ion:165 Resp: 223888
Ion Ratio Lower Upper
165 100
63 60.7 50.6 75.8
89 56.5 47.5 71.3



#52
Acenaphthene
Concen: 48.429 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:154 Resp: 898799
Ion Ratio Lower Upper
154 100
153 112.0 89.8 134.6
152 53.4 42.4 63.6

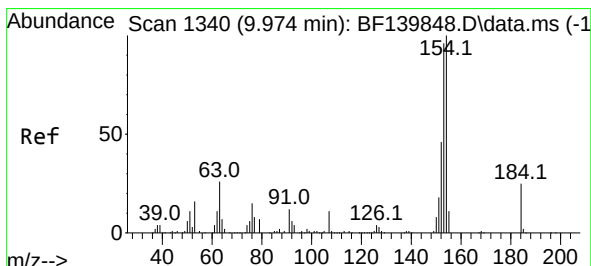
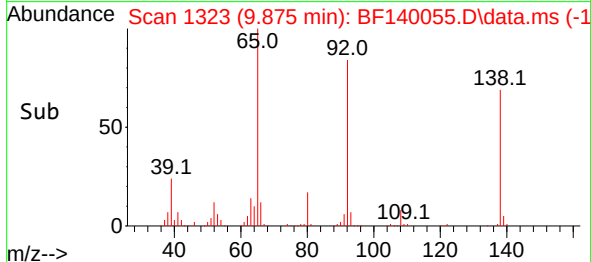
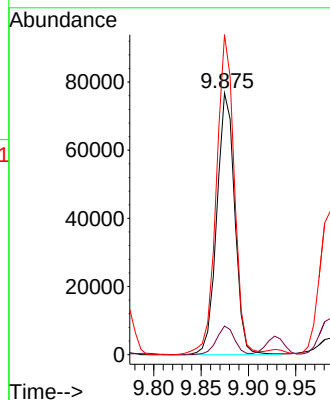
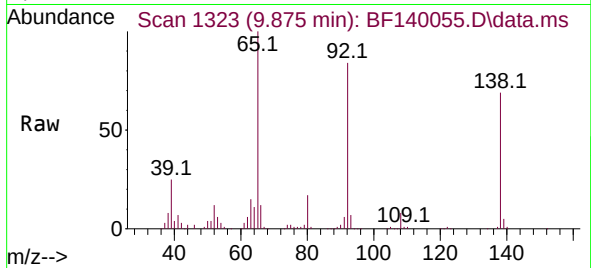




#53
3-Nitroaniline
Concen: 20.528 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

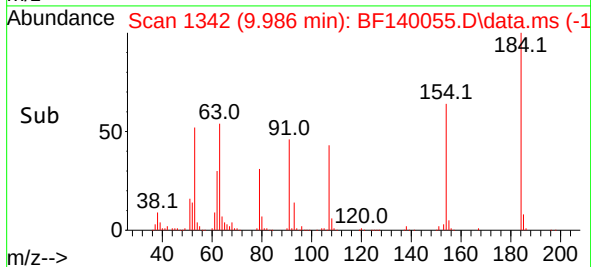
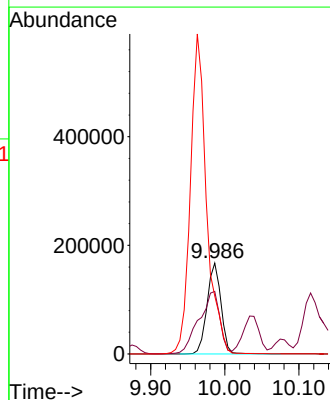
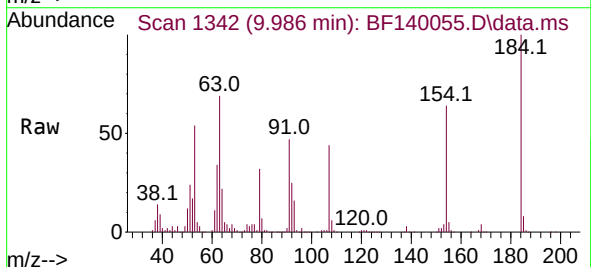
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

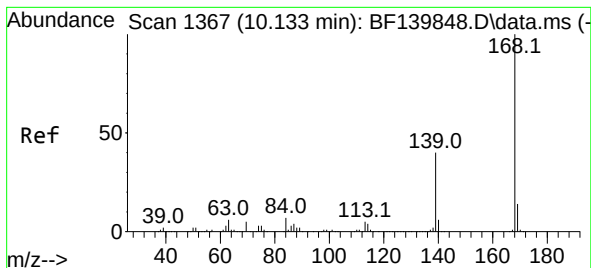
Tgt Ion:138 Resp: 101051
Ion Ratio Lower Upper
138 100
108 10.9 10.2 15.2
92 122.3 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 107.953 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:184 Resp: 219022
Ion Ratio Lower Upper
184 100
63 68.9 84.7 127.1#
154 63.8 338.2 507.2#





#55

Dibenzofuran

Concen: 42.778 ng

RT: 10.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

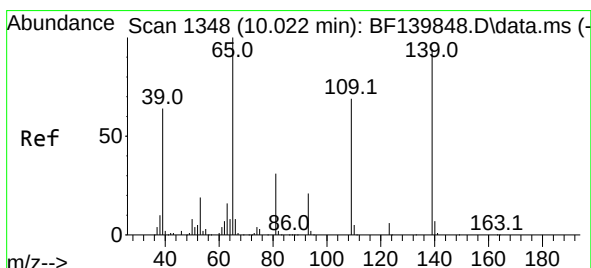
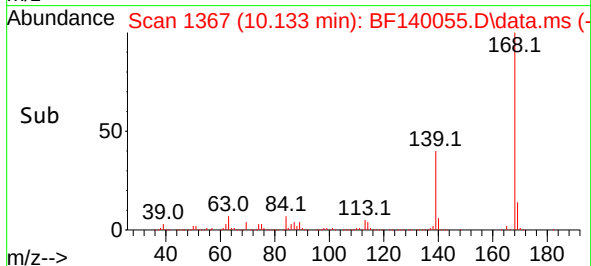
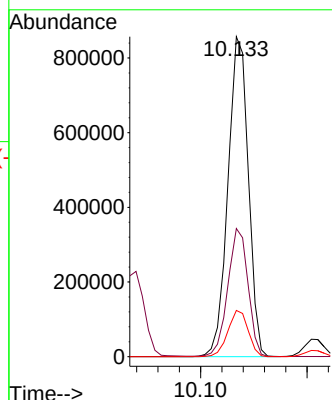
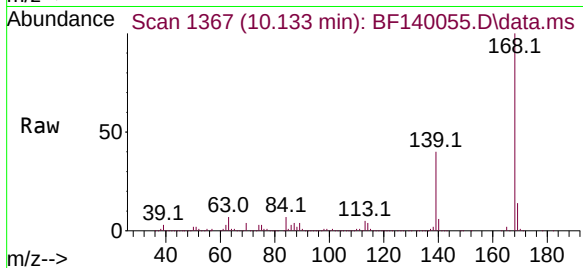
Tgt Ion:168 Resp: 1139092

Ion Ratio Lower Upper

168 100

139 40.0 31.8 47.6

169 14.4 11.6 17.4



#56

4-Nitrophenol

Concen: 91.150 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.018 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

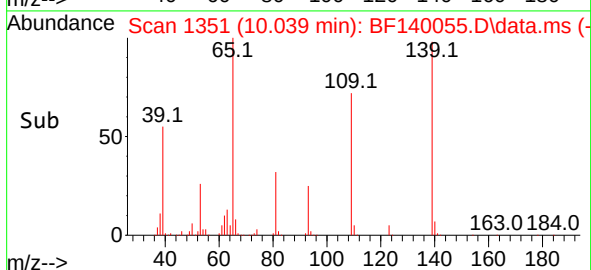
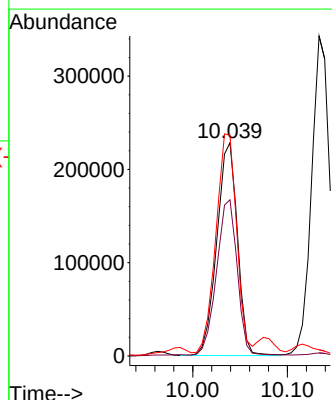
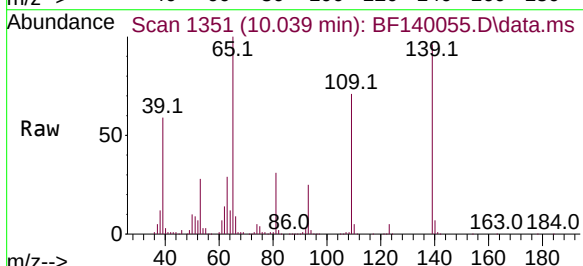
Tgt Ion:139 Resp: 345200

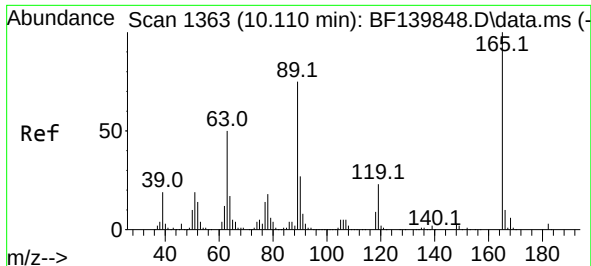
Ion Ratio Lower Upper

139 100

109 73.3 53.6 93.6

65 103.6 87.8 127.8





#57

2,4-Dinitrotoluene

Concen: 50.568 ng

RT: 10.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

Tgt Ion:165 Resp: 296834

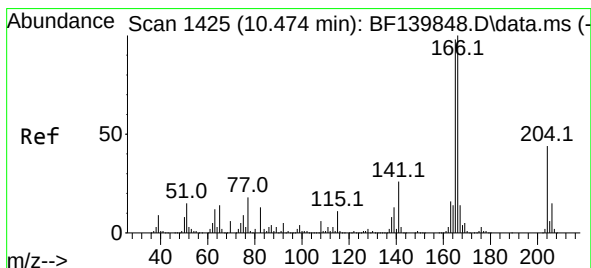
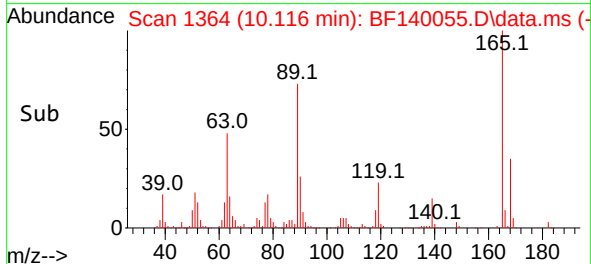
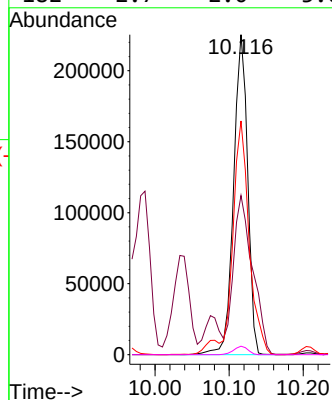
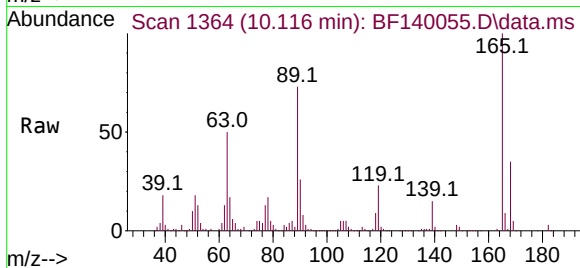
Ion Ratio Lower Upper

165 100

63 49.8 40.1 60.1

89 73.1 60.4 90.6

182 2.7 2.0 3.0



#58

Fluorene

Concen: 42.672 ng

RT: 10.481 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

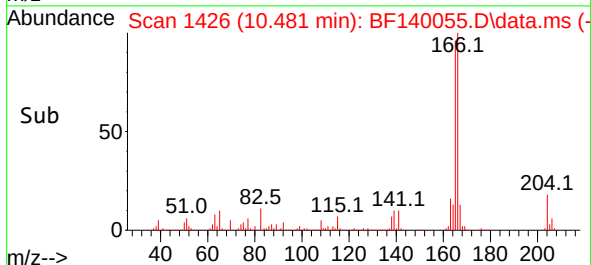
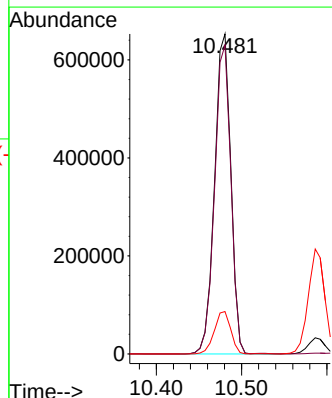
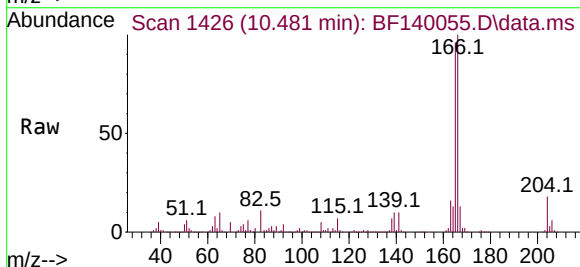
Tgt Ion:166 Resp: 865438

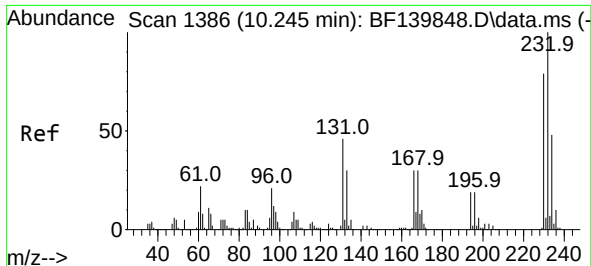
Ion Ratio Lower Upper

166 100

165 96.5 78.5 117.7

167 13.3 10.9 16.3

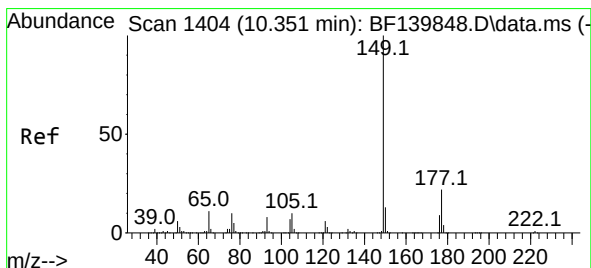
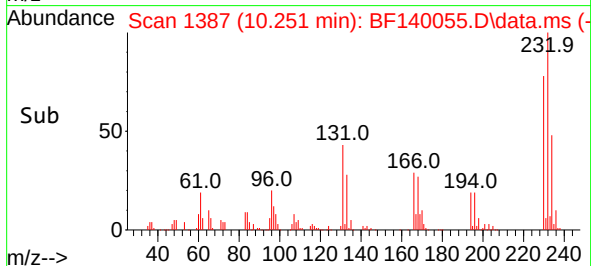
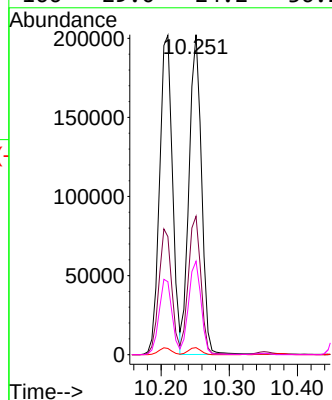
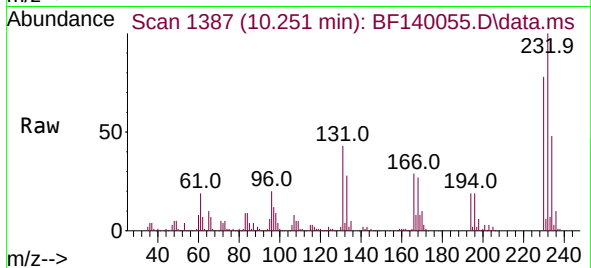




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.478 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

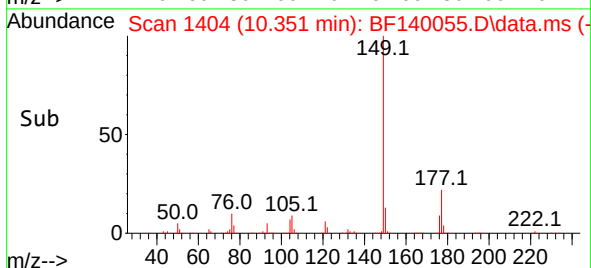
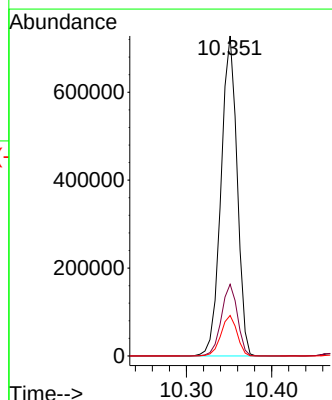
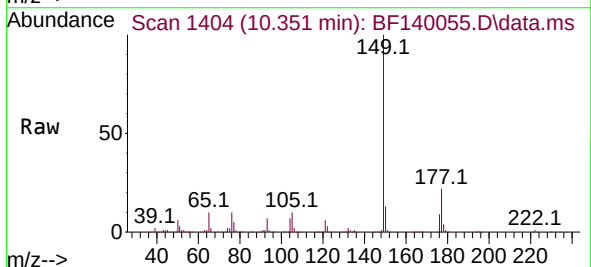
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

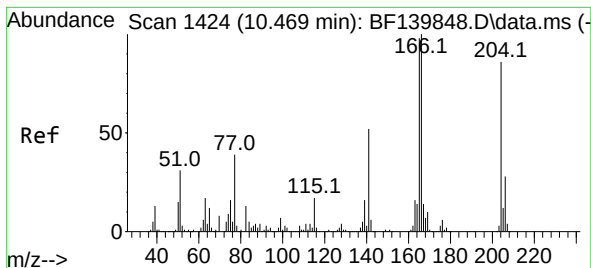
Tgt Ion:232 Resp: 254129
Ion Ratio Lower Upper
232 100
131 43.8 37.0 55.6
130 2.2 1.9 2.9
166 29.0 24.2 36.2



#60
Diethylphthalate
Concen: 44.142 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:149 Resp: 955489
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.6 10.1 15.1

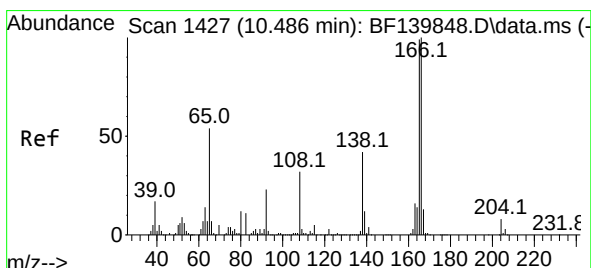
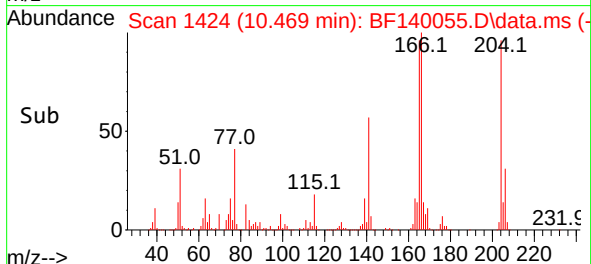
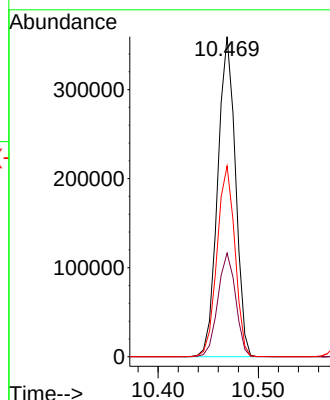
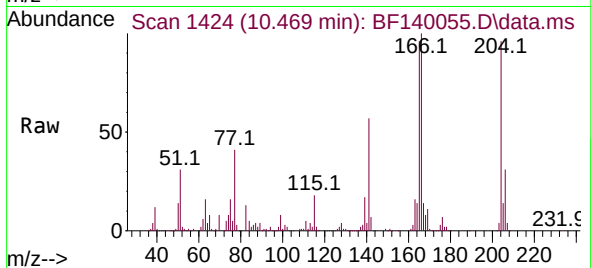




#61
4-Chlorophenyl-phenylether
Concen: 43.120 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

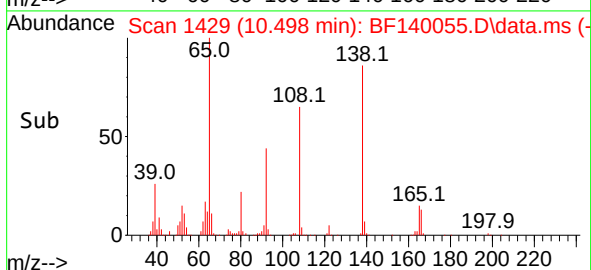
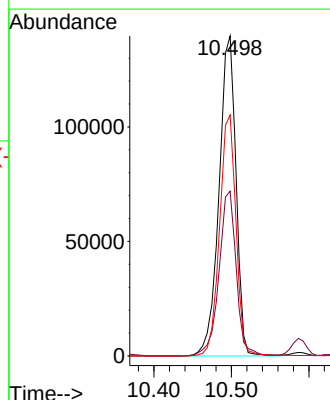
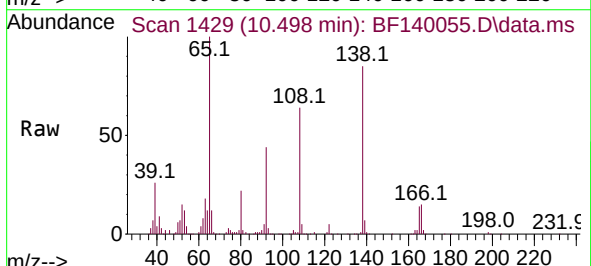
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

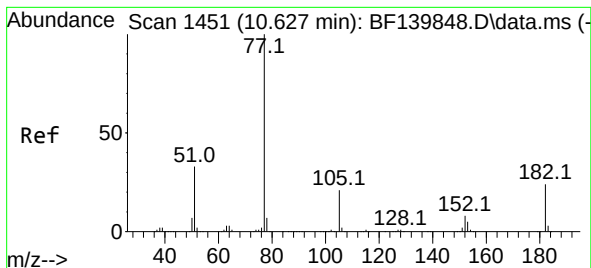
Tgt Ion:204 Resp: 441636
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 59.6 48.6 73.0



#62
4-Nitroaniline
Concen: 45.752 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:138 Resp: 212705
Ion Ratio Lower Upper
138 100
92 51.5 35.7 75.7
108 75.3 57.5 97.5





#63

Azobenzene

Concen: 45.153 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

Tgt Ion: 77 Resp: 1036180

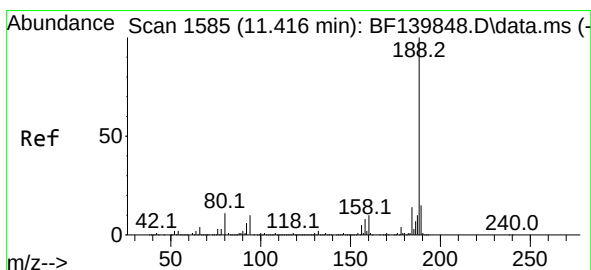
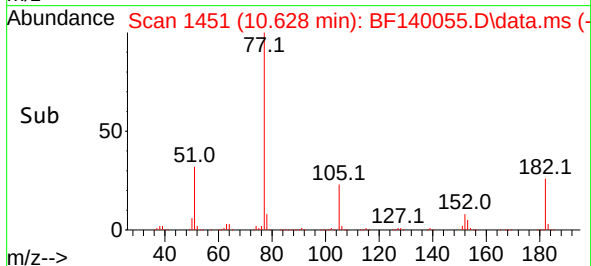
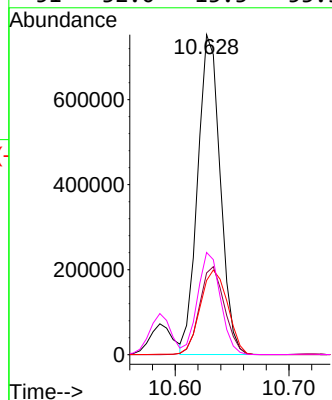
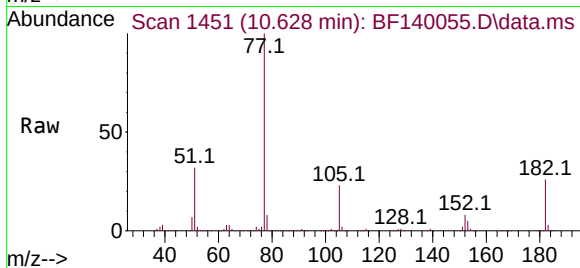
Ion Ratio Lower Upper

77 100

182 25.5 3.3 43.3

105 23.2 1.2 41.2

51 32.0 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

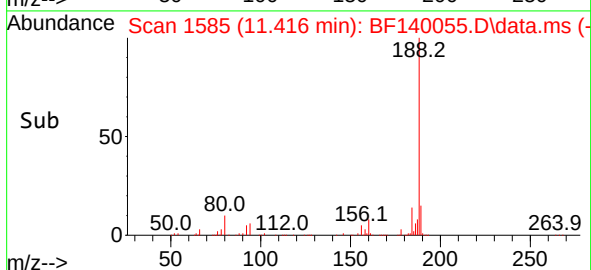
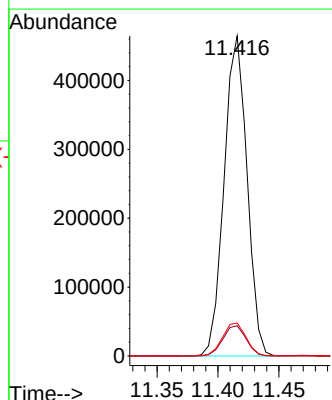
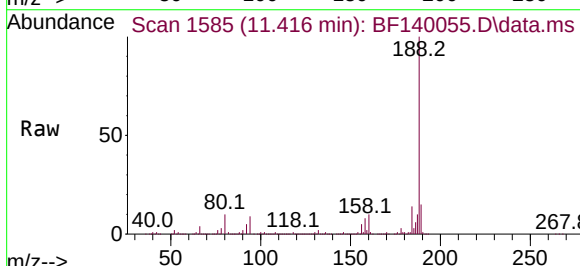
Tgt Ion:188 Resp: 608132

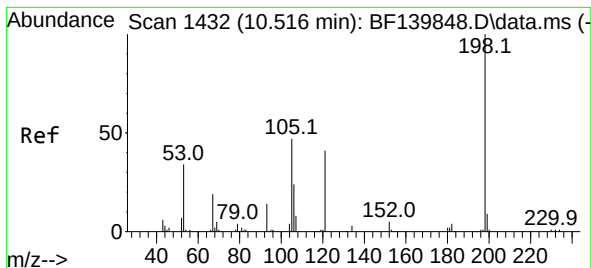
Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 10.3 9.0 13.4

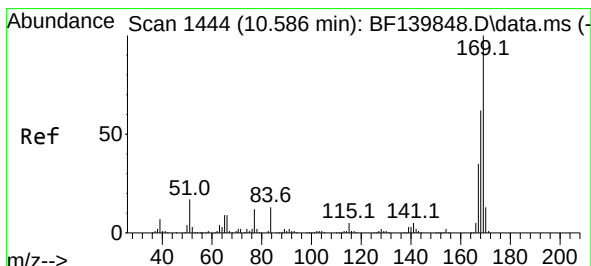
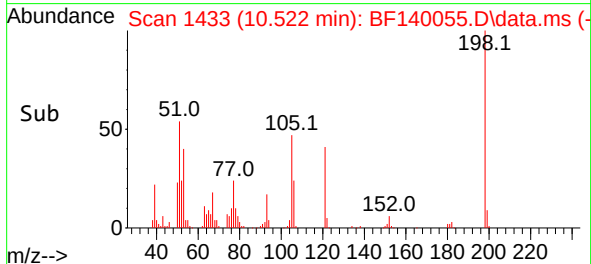
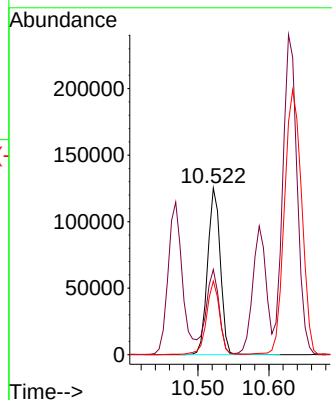
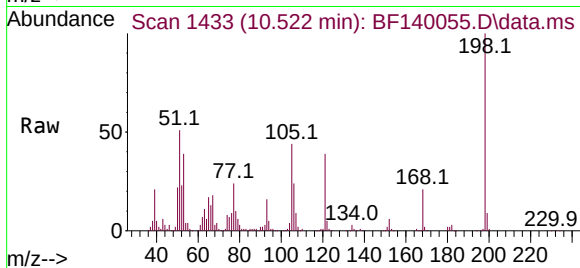




#65
4,6-Dinitro-2-methylphenol
Concen: 63.191 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

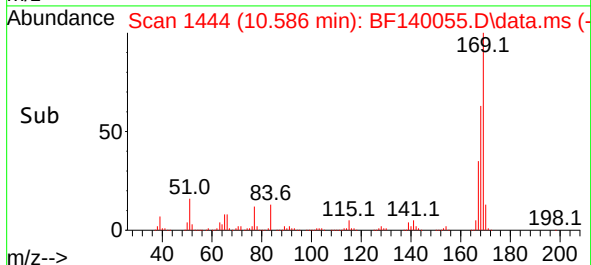
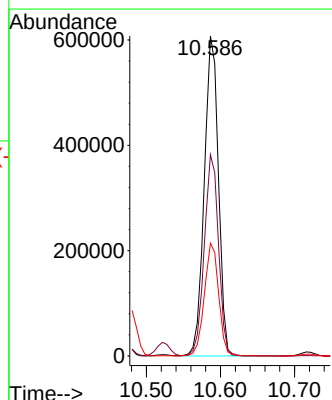
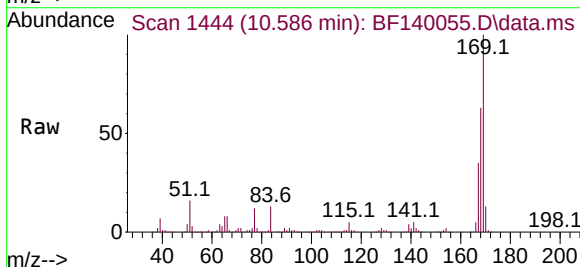
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

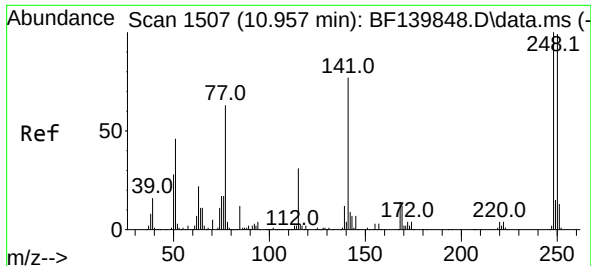
Tgt Ion:198 Resp: 156748
Ion Ratio Lower Upper
198 100
51 51.1 38.2 78.2
105 44.1 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 44.263 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:169 Resp: 805647
Ion Ratio Lower Upper
169 100
168 62.9 49.8 74.6
167 35.2 28.0 42.0

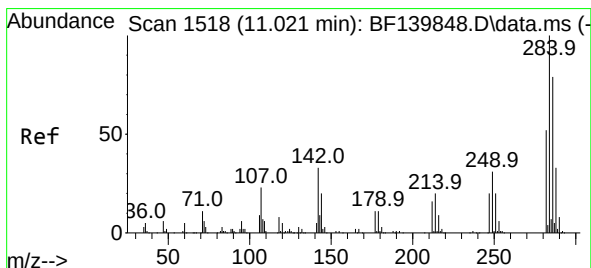
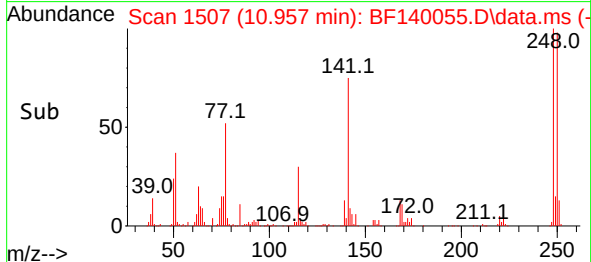
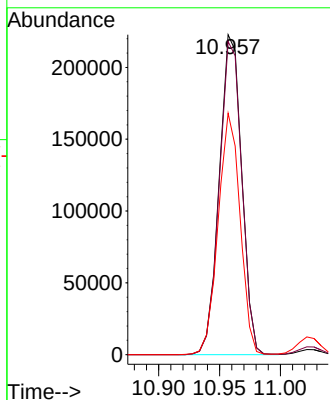
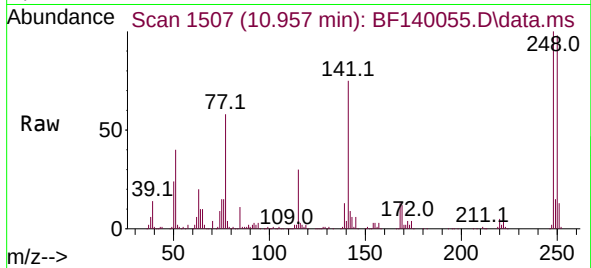




#67
4-Bromophenyl-phenylether
Concen: 45.717 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

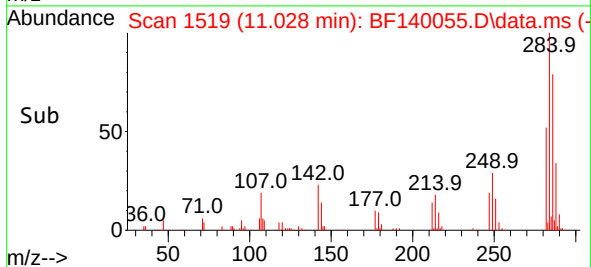
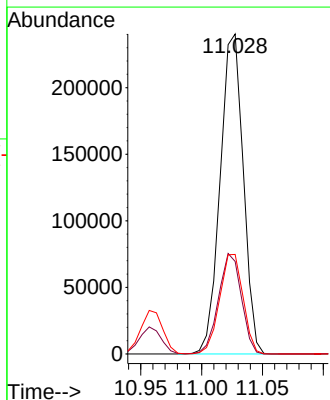
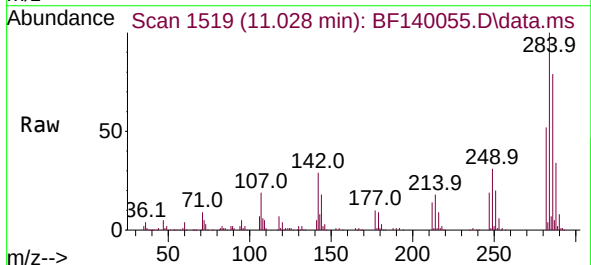
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

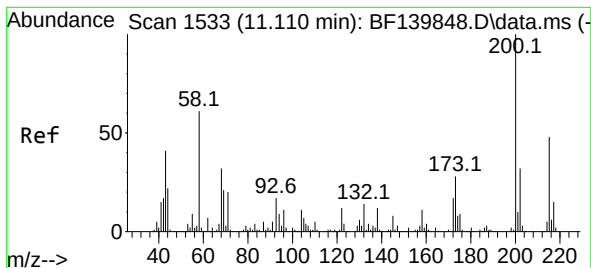
Tgt Ion:248 Resp: 286410
Ion Ratio Lower Upper
248 100
250 97.9 79.0 118.6
141 75.5 61.7 92.5



#68
Hexachlorobenzene
Concen: 45.112 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:284 Resp: 317854
Ion Ratio Lower Upper
284 100
142 28.9 26.9 40.3
249 31.1 25.3 37.9





#69

Atrazine

Concen: 53.703 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

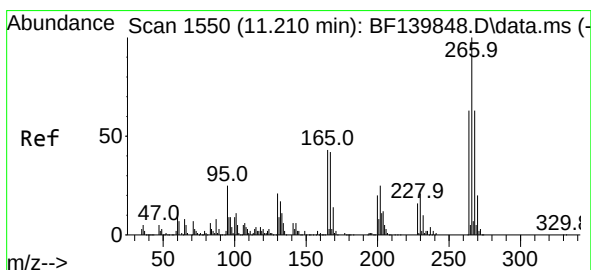
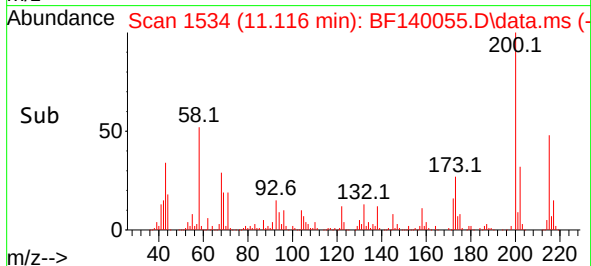
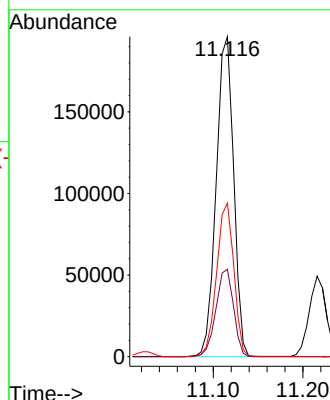
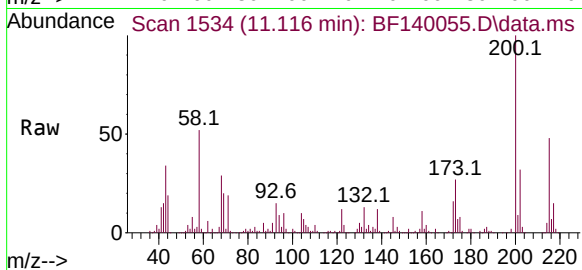
Tgt Ion:200 Resp: 264780

Ion Ratio Lower Upper

200 100

173 27.3 7.7 47.7

215 48.0 27.7 67.7



#70

Pentachlorophenol

Concen: 85.371 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

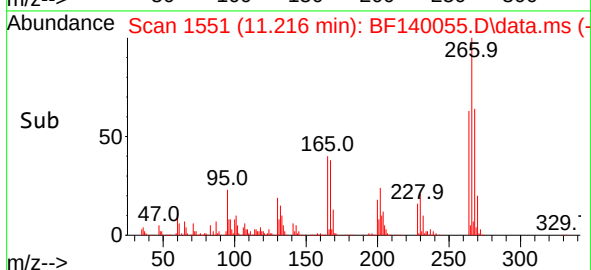
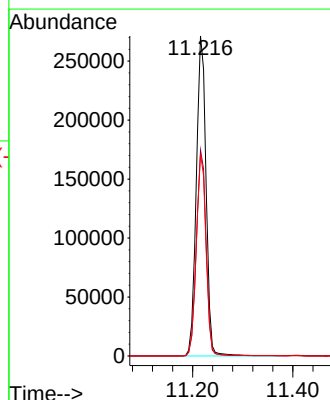
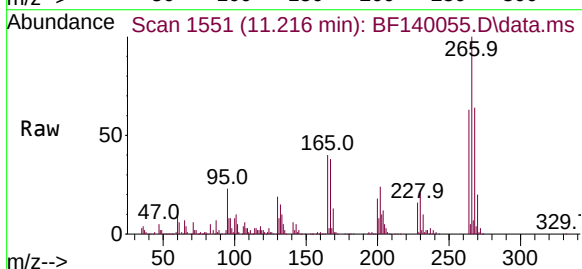
Tgt Ion:266 Resp: 365065

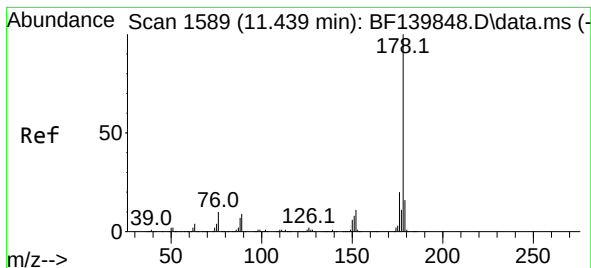
Ion Ratio Lower Upper

266 100

268 64.4 50.4 75.6

264 63.2 50.6 75.8





#71

Phenanthrene

Concen: 43.440 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

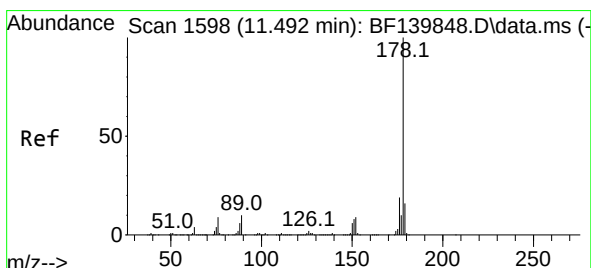
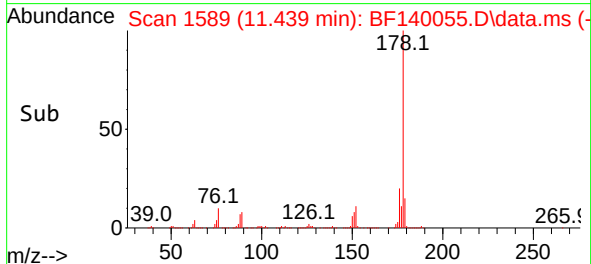
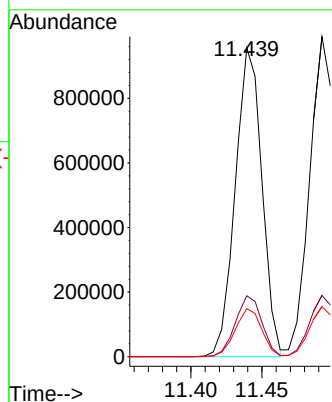
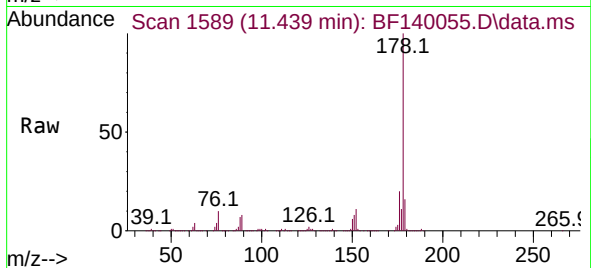
Tgt Ion:178 Resp: 1247853

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 15.6 12.6 18.8



#72

Anthracene

Concen: 45.229 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

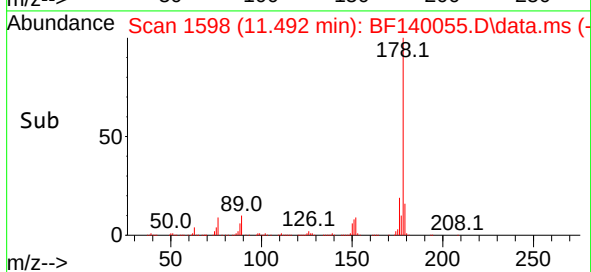
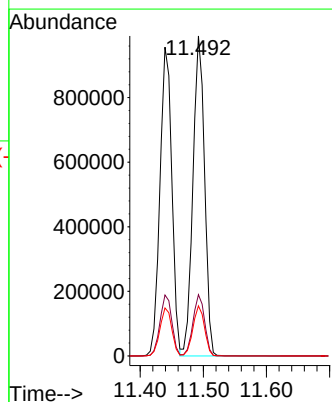
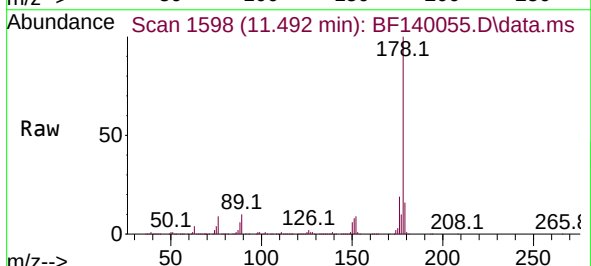
Tgt Ion:178 Resp: 1267626

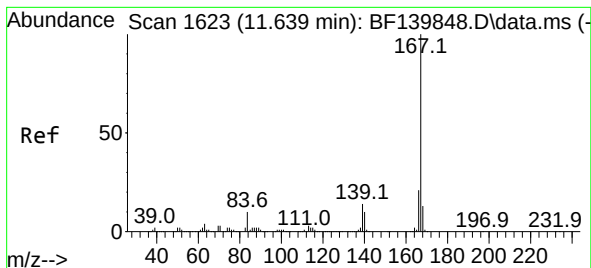
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.6 12.4 18.6





#73

Carbazole

Concen: 41.557 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

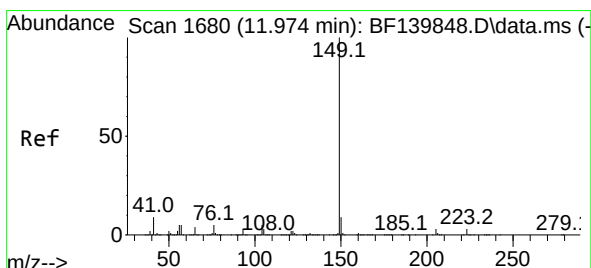
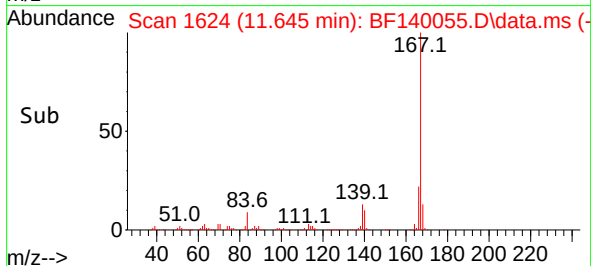
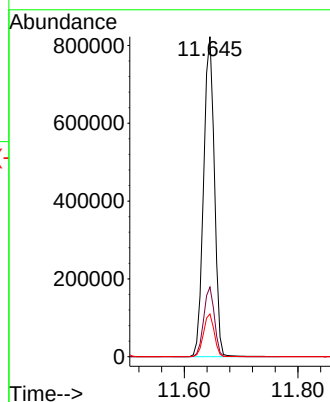
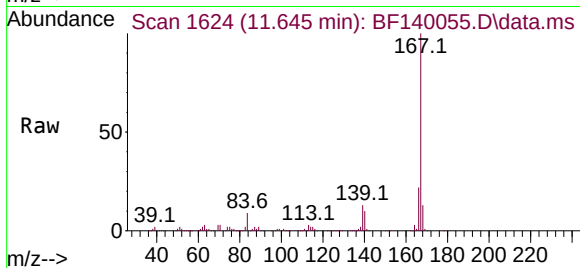
Tgt Ion:167 Resp: 1083216

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 13.3 10.8 16.2



#74

Di-n-butylphthalate

Concen: 46.178 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

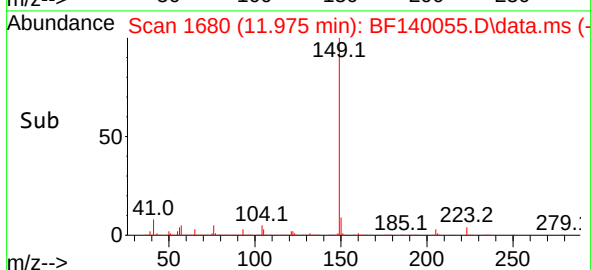
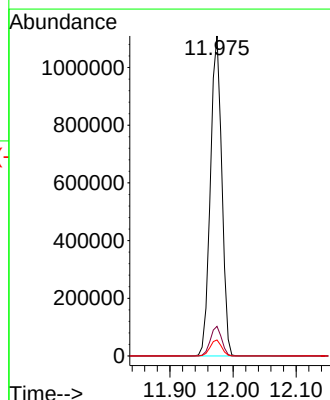
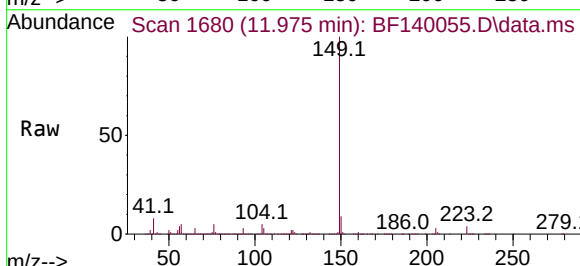
Tgt Ion:149 Resp: 1390634

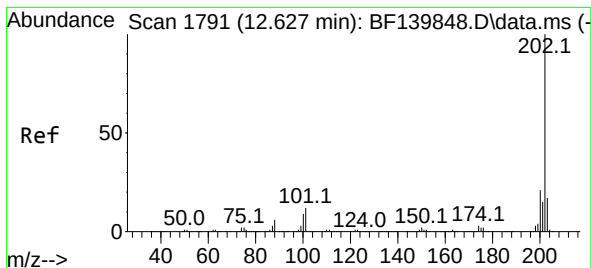
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 39.976 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

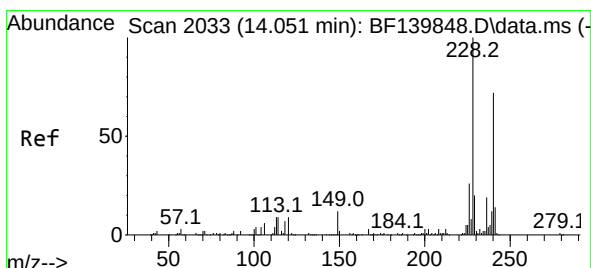
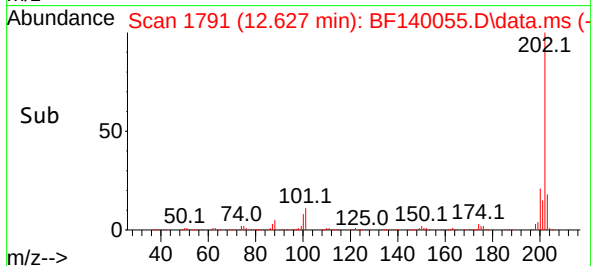
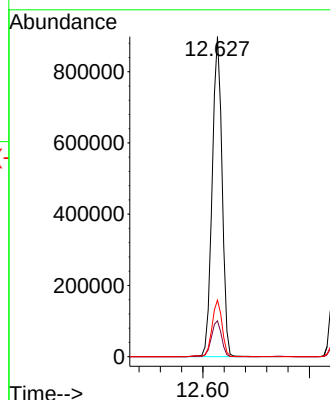
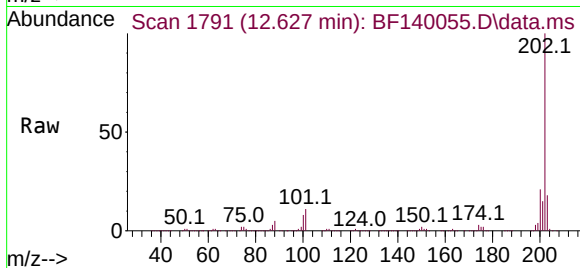
Tgt Ion:202 Resp: 1160864

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.9

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

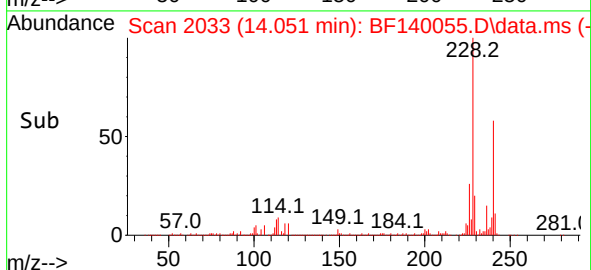
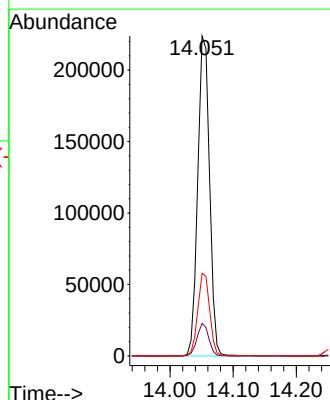
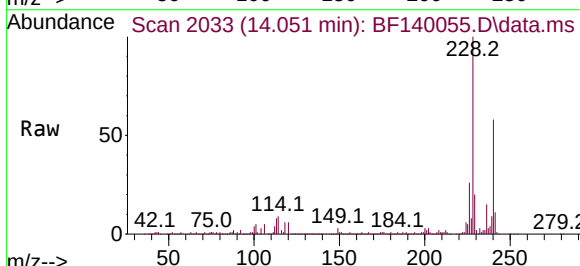
Tgt Ion:240 Resp: 290348

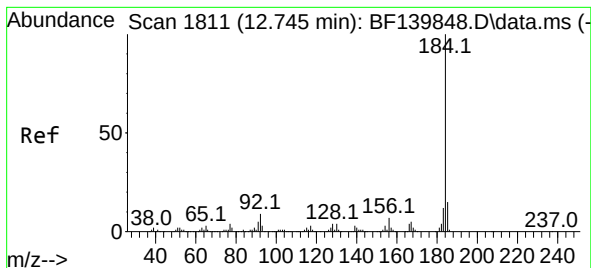
Ion Ratio Lower Upper

240 100

120 10.2 9.4 14.2

236 25.8 20.9 31.3





#77

Benzidine

Concen: 51.856 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

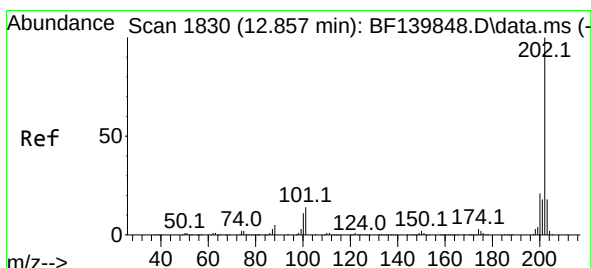
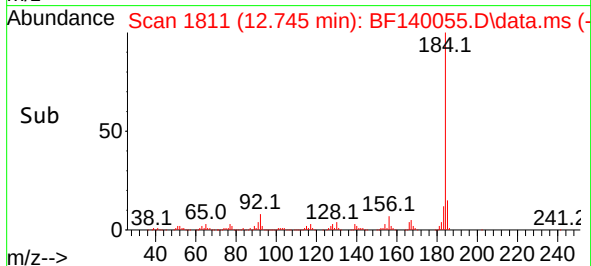
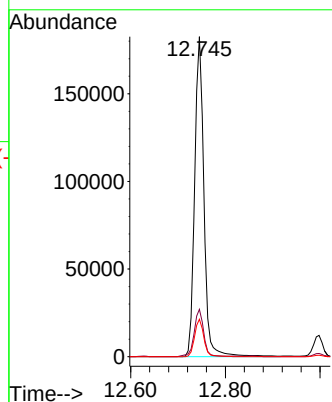
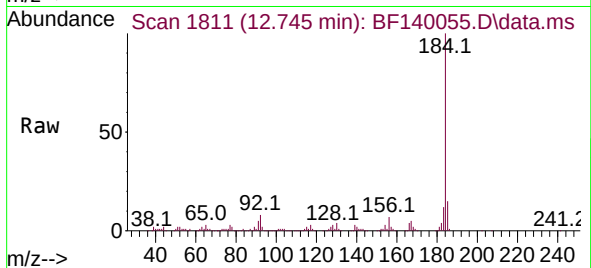
Tgt Ion:184 Resp: 247576

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

183 11.7 9.4 14.2



#78

Pyrene

Concen: 44.655 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

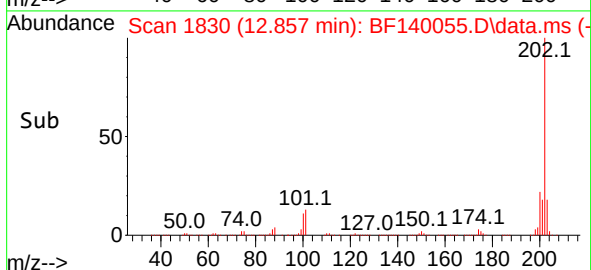
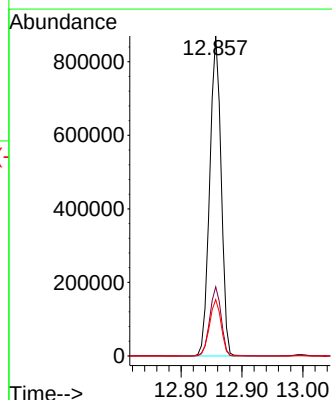
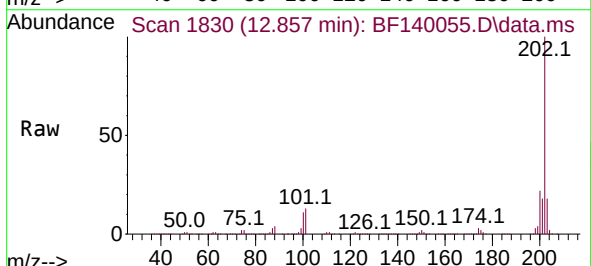
Tgt Ion:202 Resp: 1134921

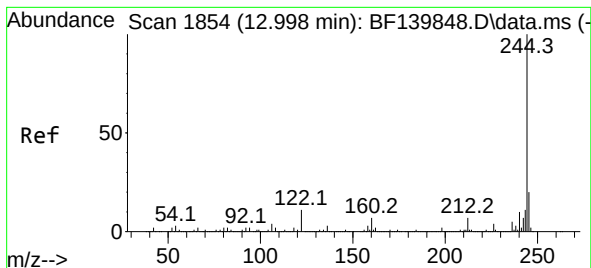
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 70.434 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

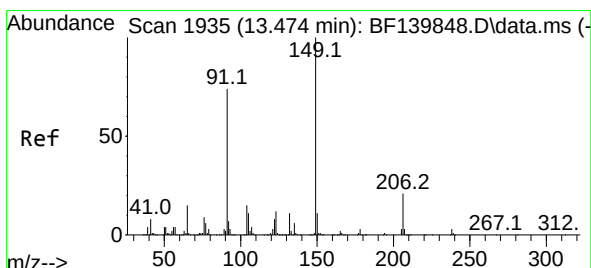
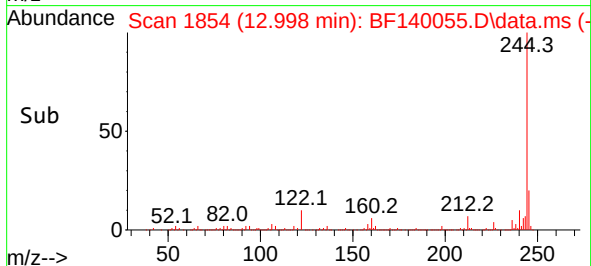
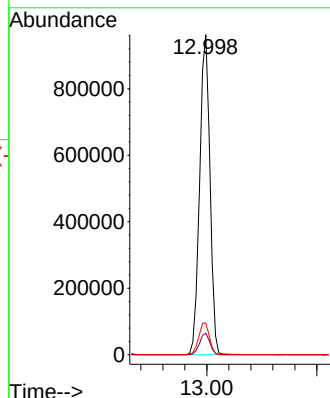
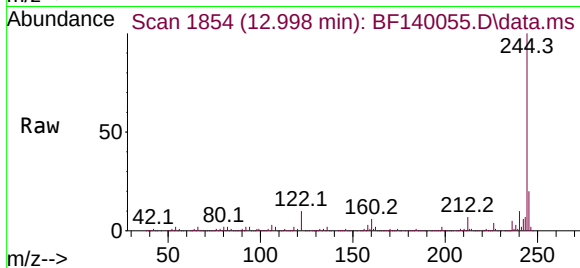
Tgt Ion:244 Resp: 1255023

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 9.9 8.6 13.0



#80

Butylbenzylphthalate

Concen: 58.847 ng

RT: 13.469 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

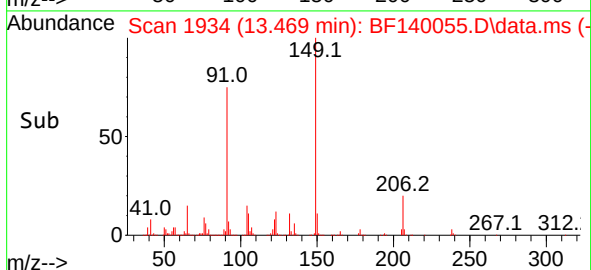
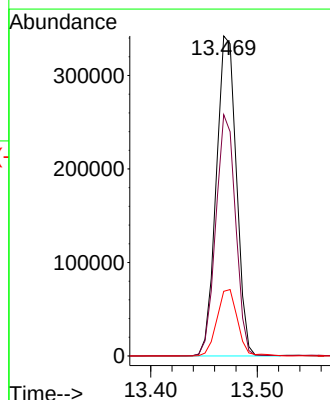
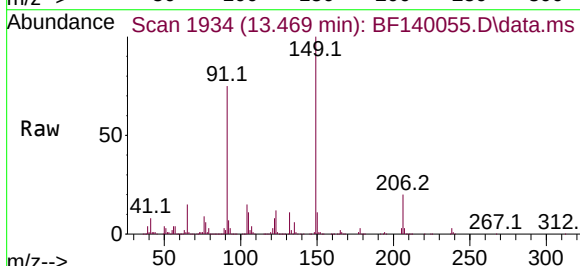
Tgt Ion:149 Resp: 448387

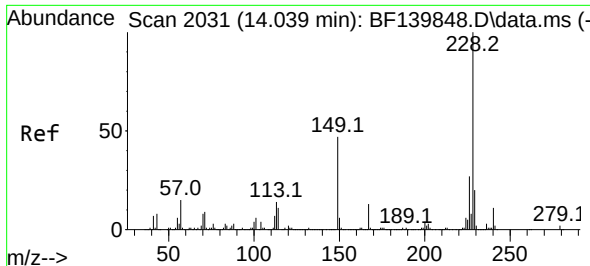
Ion Ratio Lower Upper

149 100

91 75.4 59.4 89.2

206 20.2 16.4 24.6

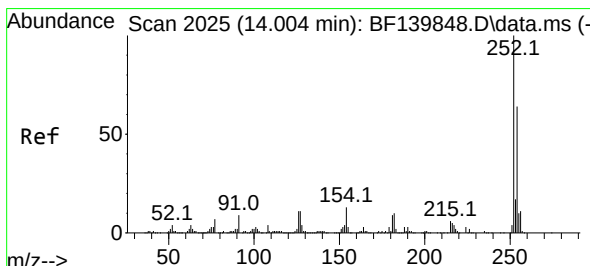
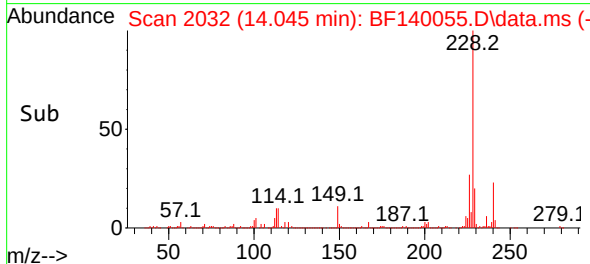
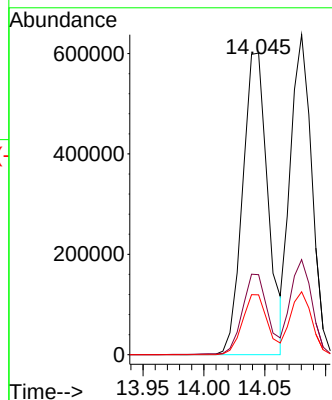
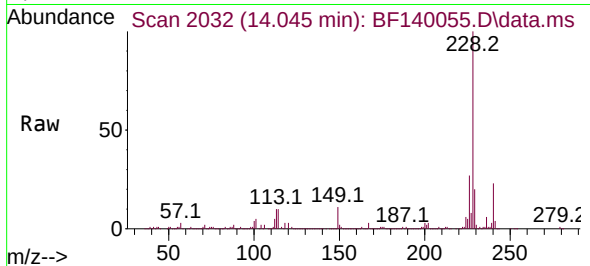




#81
Benzo(a)anthracene
Concen: 46.053 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

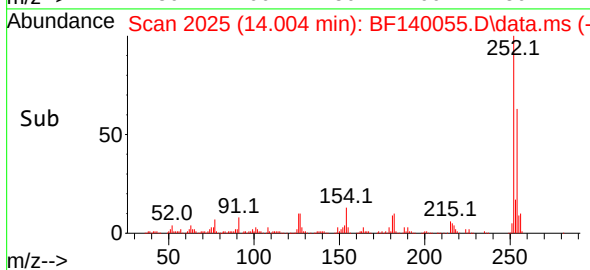
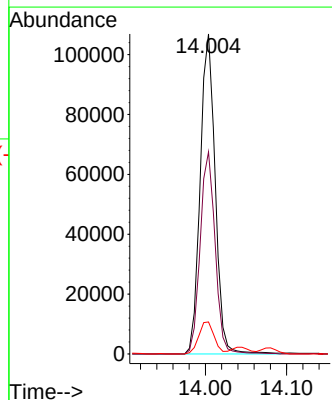
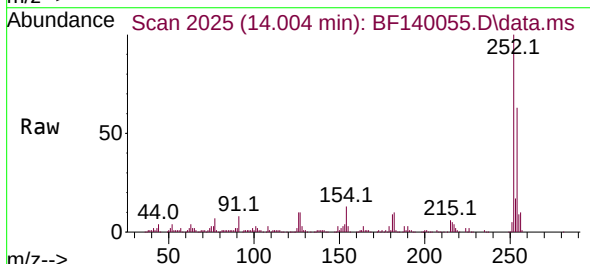
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

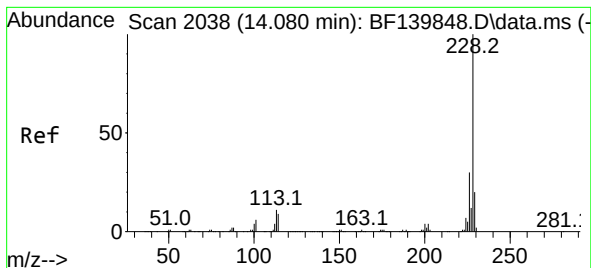
Tgt Ion:228 Resp: 870442
Ion Ratio Lower Upper
228 100
226 26.5 21.6 32.4
229 19.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 24.912 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:252 Resp: 137287
Ion Ratio Lower Upper
252 100
254 63.1 50.8 76.2
126 10.0 8.9 13.3





#83

Chrysene

Concen: 44.877 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

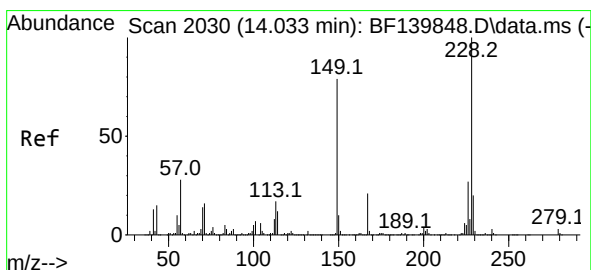
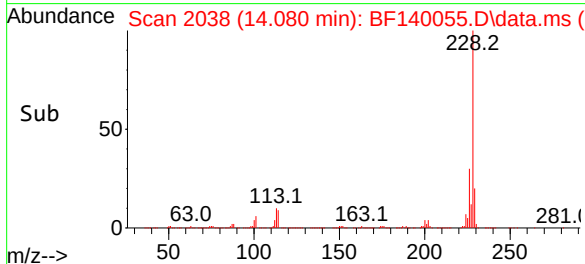
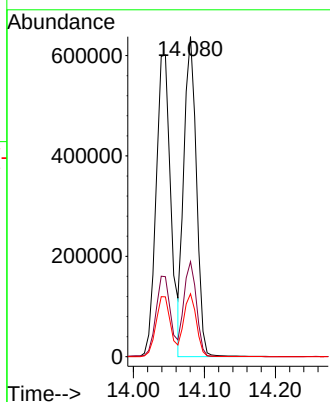
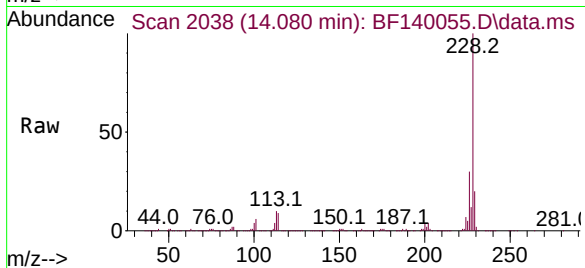
Tgt Ion:228 Resp: 777702

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.182 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

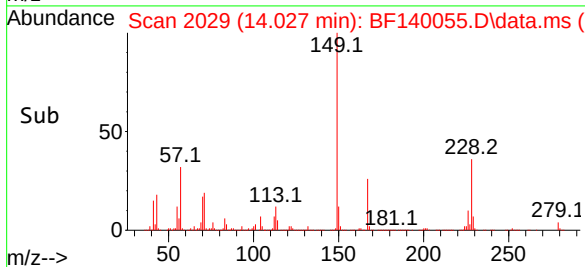
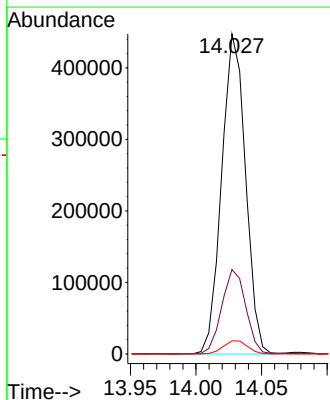
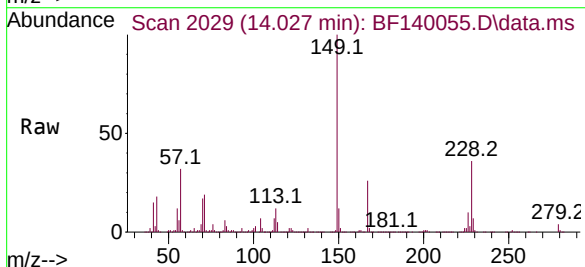
Tgt Ion:149 Resp: 565771

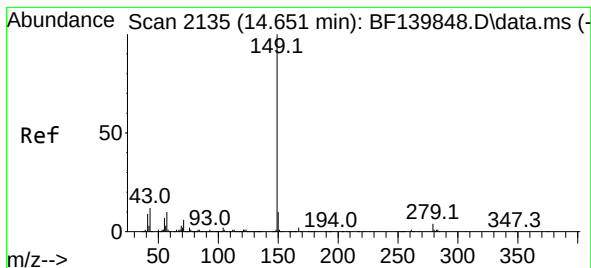
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 57.764 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

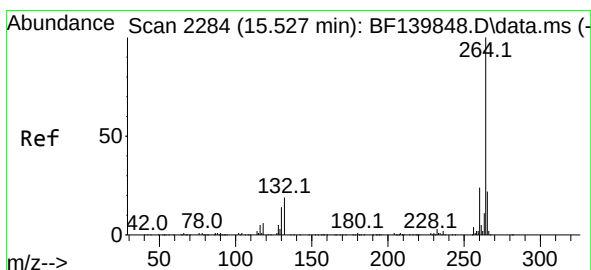
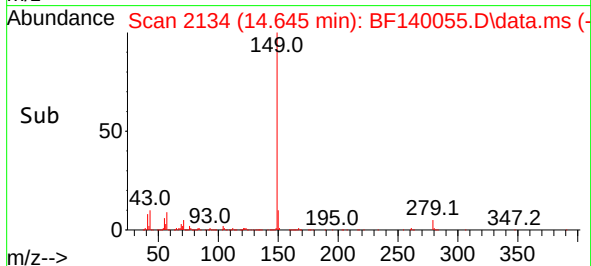
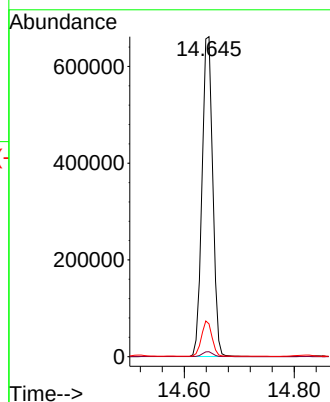
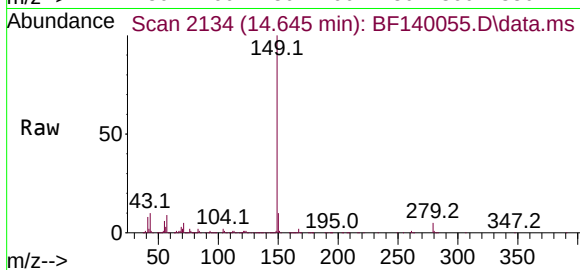
Tgt Ion:149 Resp: 898167

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.7 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

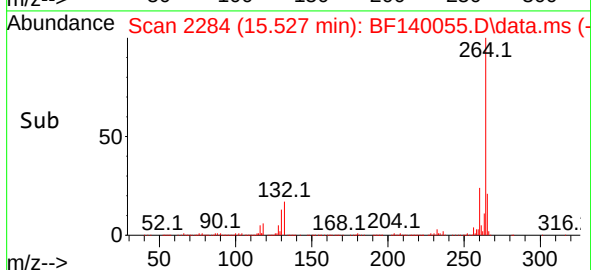
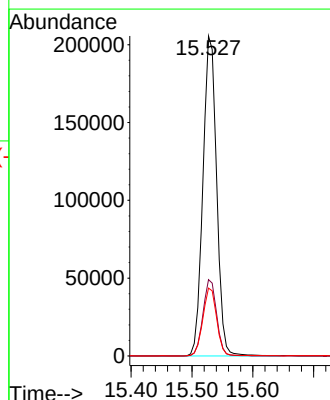
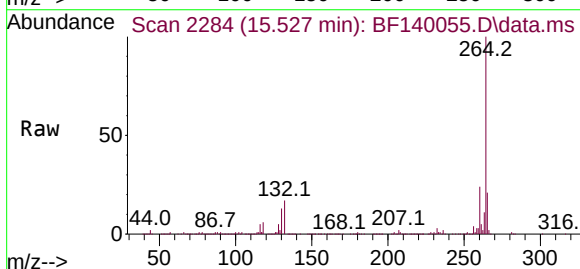
Tgt Ion:264 Resp: 321487

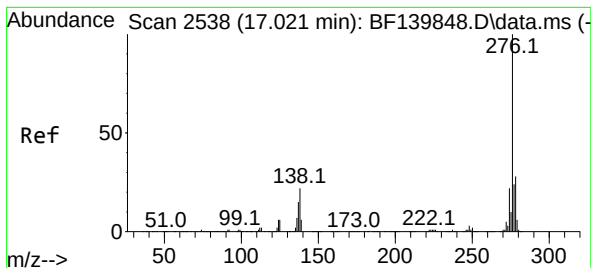
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.675 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

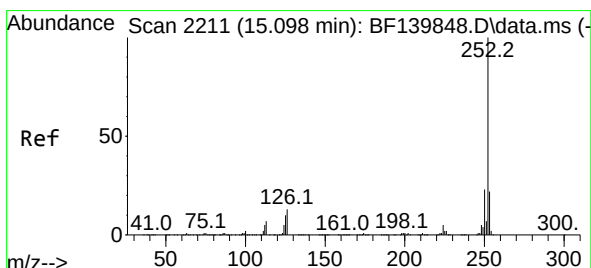
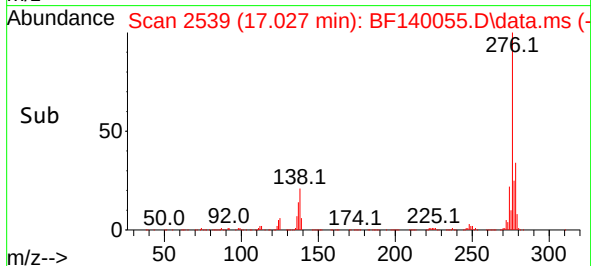
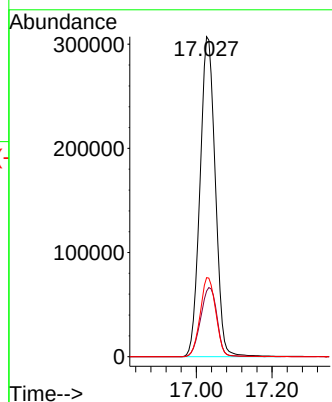
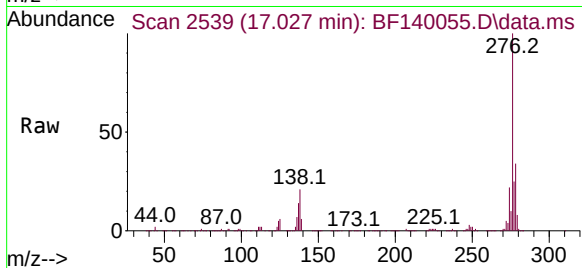
Tgt Ion:276 Resp: 861923

Ion Ratio Lower Upper

276 100

138 23.1 20.4 30.6

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 41.745 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

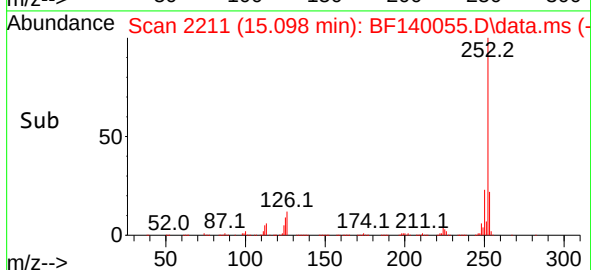
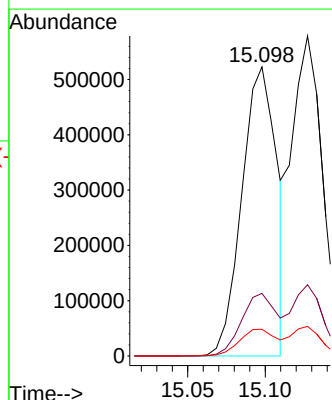
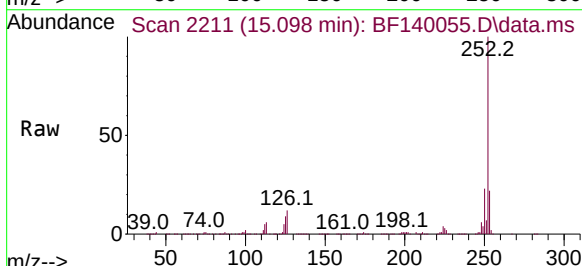
Tgt Ion:252 Resp: 817520

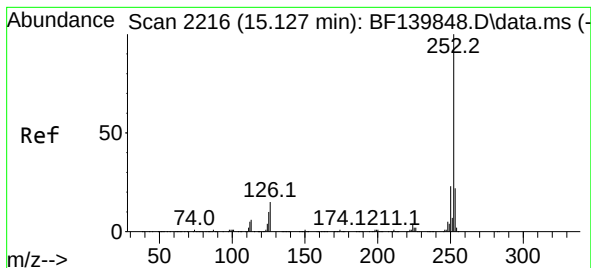
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 9.2 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 47.409 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

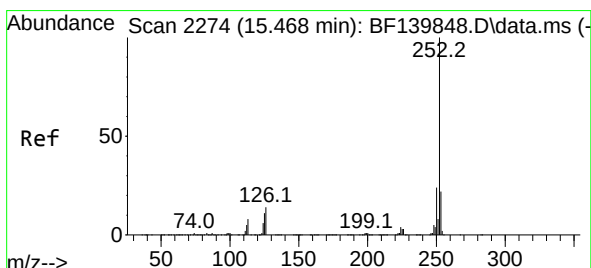
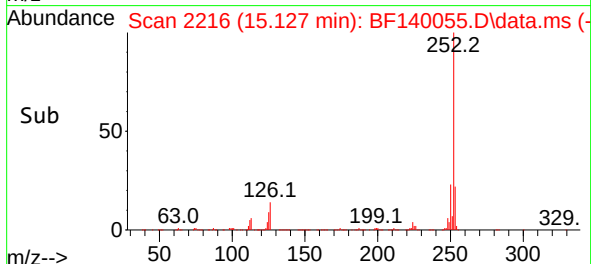
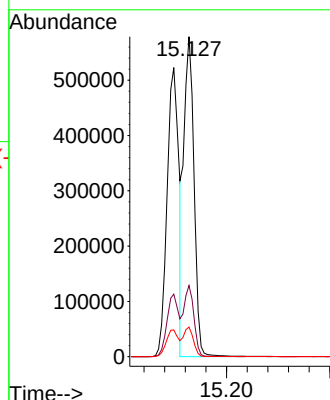
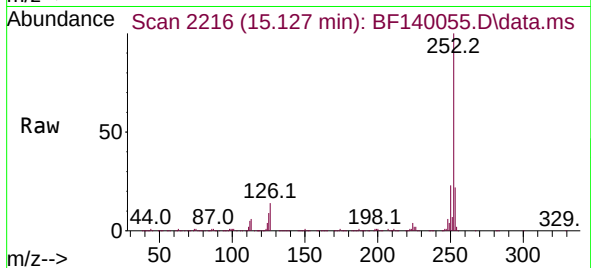
Tgt Ion:252 Resp: 800696

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.2 7.9 11.9



#90

Benzo(a)pyrene

Concen: 48.821 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

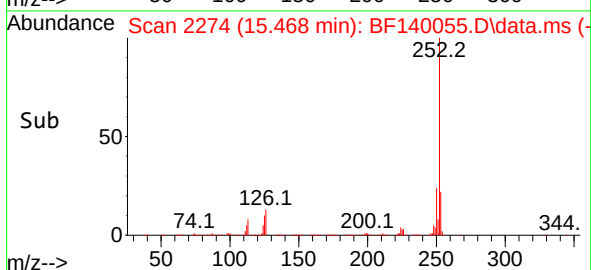
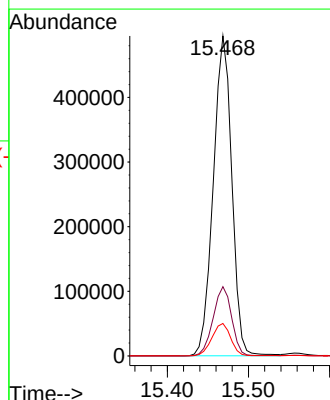
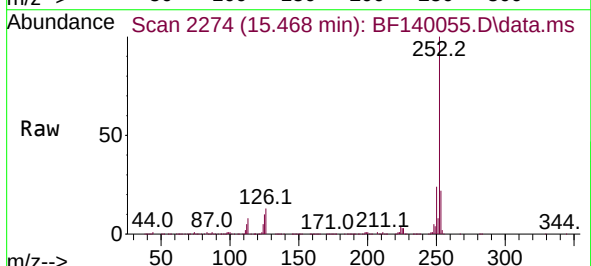
Tgt Ion:252 Resp: 786707

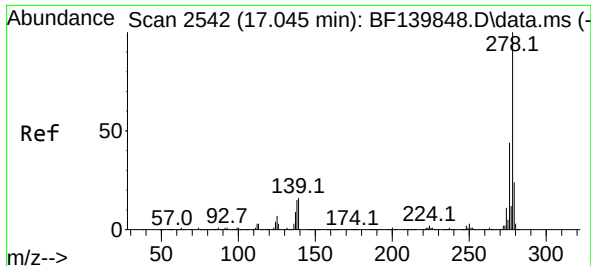
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.1 8.7 13.1

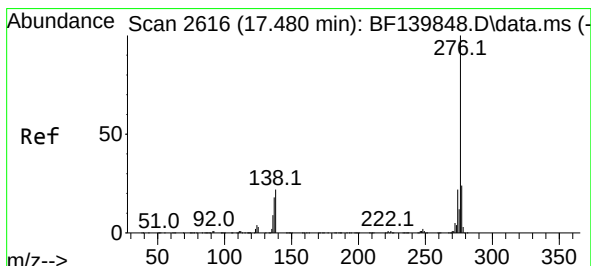
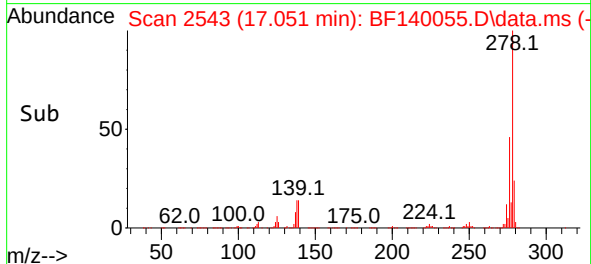
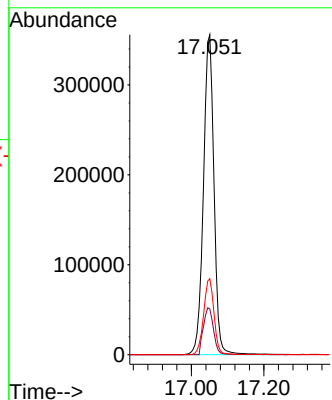
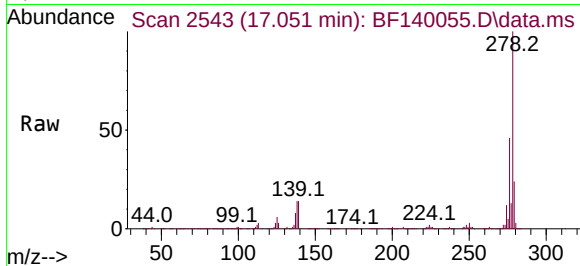




#91
Dibenzo(a,h)anthracene
Concen: 41.713 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

Tgt Ion:278 Resp: 719689
Ion Ratio Lower Upper
278 100
139 14.3 13.1 19.7
279 23.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 34.949 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:276 Resp: 602315
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 20.5 17.4 26.0

