

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140039.D
 Acq On : 25 Oct 2024 16:01
 Operator : RC/JU
 Sample : P4487-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-B5MS

Quant Time: Oct 25 16:32:43 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	98969	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	385080	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	221263	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	405556	20.000	ng	0.00
76) Chrysene-d12	14.051	240	215222	20.000	ng	0.00
86) Perylene-d12	15.527	264	234806	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	813832	128.732	ng	0.02
7) Phenol-d6	6.516	99	973955	118.950	ng	0.00
23) Nitrobenzene-d5	7.451	82	727732	104.741	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	357148	172.566	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1327340	99.144	ng	0.00
79) Terphenyl-d14	12.998	244	1441289	109.122	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.869	88	118056	40.052	ng	# 81
3) Pyridine	3.575	79	203925	27.911	ng	98
4) n-Nitrosodimethylamine	3.510	42	175134	44.615	ng	98
6) Aniline	6.557	93	201834	26.449	ng	98
8) 2-Chlorophenol	6.675	128	326864	50.575	ng	97
9) Benzaldehyde	6.440	77	25716	5.583	ng	98
10) Phenol	6.528	94	371631	44.025	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	311065	47.676	ng	99
12) 1,3-Dichlorobenzene	6.834	146	347489	46.838	ng	100
13) 1,4-Dichlorobenzene	6.910	146	351728	47.454	ng	99
14) 1,2-Dichlorobenzene	7.063	146	335826	48.547	ng	99
15) Benzyl Alcohol	7.028	79	316164	52.640	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	502598	45.176	ng	97
17) 2-Methylphenol	7.134	107	272199	49.393	ng	98
18) Hexachloroethane	7.404	117	126307	47.787	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	245666	49.470	ng	97
20) 3+4-Methylphenols	7.293	107	333914	47.371	ng	# 77
22) Acetophenone	7.298	105	464025	49.198	ng	99
24) Nitrobenzene	7.475	77	369551	48.512	ng	99
25) Isophorone	7.710	82	674753	51.167	ng	99
26) 2-Nitrophenol	7.787	139	170732	59.410	ng	97
27) 2,4-Dimethylphenol	7.816	122	279646	58.358	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	387604	48.513	ng	99
29) 2,4-Dichlorophenol	8.022	162	281949	51.657	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	294385	48.743	ng	98
31) Naphthalene	8.193	128	970453	48.864	ng	100
32) Benzoic acid	7.928	122	184889	44.237	ng	97
33) 4-Chloroaniline	8.234	127	70242	10.372	ng	99
34) Hexachlorobutadiene	8.310	225	190431	50.184	ng	98
35) Caprolactam	8.604	113	52952	30.511	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	324091	53.624	ng	100
37) 2-Methylnaphthalene	8.887	142	628051	51.636	ng	99
38) 1-Methylnaphthalene	8.981	142	589032	49.360	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	302113	50.611	ng	99
41) Hexachlorocyclopentadiene	9.040	237	380181	183.040	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	226345	53.557	ng	100

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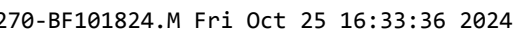
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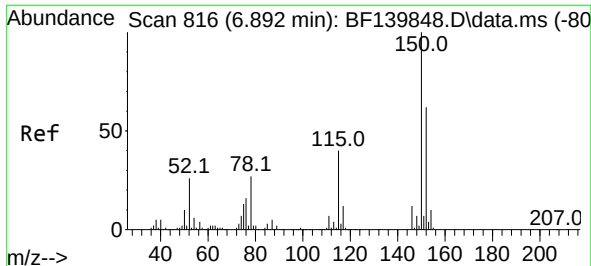
Quant Time: Oct 25 16:32:43 2024
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	234749	53.838	ng	99
46) 1,1'-Biphenyl	9.351	154	769578	49.962	ng	99
47) 2-Chloronaphthalene	9.375	162	613326	49.438	ng	99
48) 2-Nitroaniline	9.469	65	221868	58.475	ng	95
49) Acenaphthylene	9.792	152	976212	54.430	ng	99
50) Dimethylphthalate	9.651	163	749255	54.365	ng	100
51) 2,6-Dinitrotoluene	9.710	165	165998	55.628	ng	98
52) Acenaphthene	9.963	154	684346	58.984	ng	100
53) 3-Nitroaniline	9.875	138	80352	26.111	ng	98
54) 2,4-Dinitrophenol	9.986	184	171086	133.260	ng	# 1
55) Dibenzofuran	10.134	168	874410	52.528	ng	99
56) 4-Nitrophenol	10.034	139	256645	108.401	ng	94
57) 2,4-Dinitrotoluene	10.116	165	229232	62.467	ng	98
58) Fluorene	10.481	166	668760	52.746	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	200845	58.758	ng	97
60) Diethylphthalate	10.351	149	747785	55.261	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	342824	53.542	ng	99
62) 4-Nitroaniline	10.492	138	164621	56.641	ng	95
63) Azobenzene	10.628	77	733181	51.107	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	121122	73.219	ng	92
66) n-Nitrosodiphenylamine	10.586	169	629850	51.890	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	222127	53.166	ng	99
68) Hexachlorobenzene	11.028	284	250605	53.333	ng	97
69) Atrazine	11.110	200	163505	49.727	ng	98
70) Pentachlorophenol	11.216	266	310243	108.790	ng	99
71) Phenanthrene	11.439	178	1012838	52.871	ng	100
72) Anthracene	11.492	178	1035040	55.377	ng	100
73) Carbazole	11.645	167	888049	51.087	ng	99
74) Di-n-butylphthalate	11.975	149	1131999	56.366	ng	100
75) Fluoranthene	12.628	202	979598	50.583	ng	98
77) Benzidine	12.745	184	88412	24.982	ng	99
78) Pyrene	12.857	202	970952	51.539	ng	100
80) Butylbenzylphthalate	13.475	149	374777	66.356	ng	98
81) Benzo(a)anthracene	14.045	228	762348	54.414	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	145138	35.530	ng	97
83) Chrysene	14.080	228	683451	53.205	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	477345	75.330	ng	99
85) Di-n-octyl phthalate	14.645	149	767600	66.598	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	834226	55.226	ng	97
88) Benzo(b)fluoranthene	15.098	252	709159	49.580	ng	99
89) Benzo(k)fluoranthene	15.127	252	715735	58.022	ng	99
90) Benzo(a)pyrene	15.469	252	683836	58.103	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	689989	54.755	ng	98
92) Benzo(g,h,i)perylene	17.486	276	605548	48.108	ng	98

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

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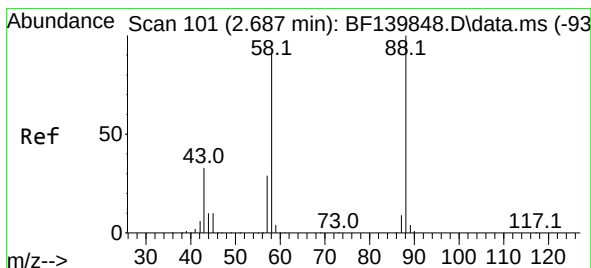
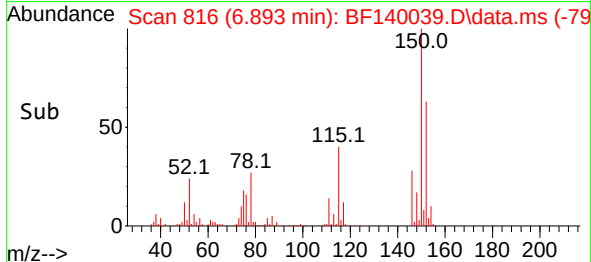
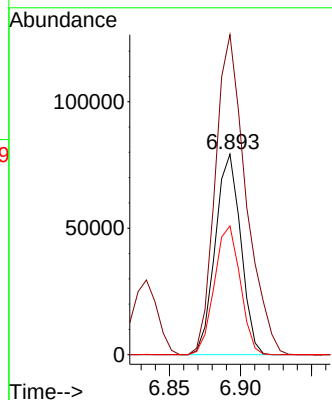
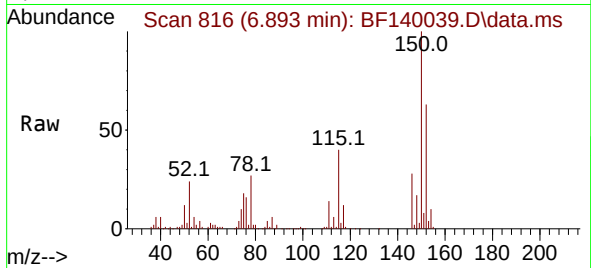




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

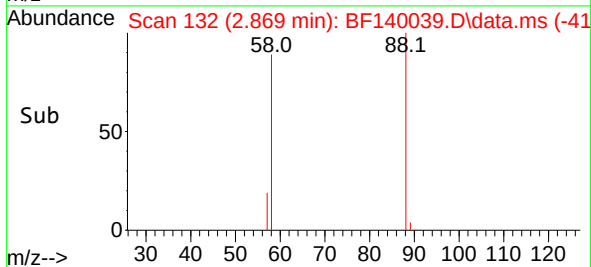
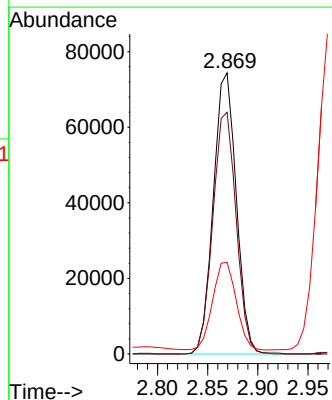
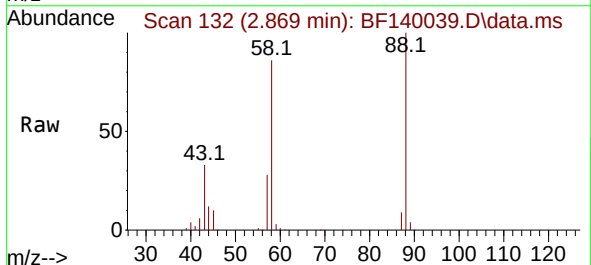
Instrument :
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BP-B5MS

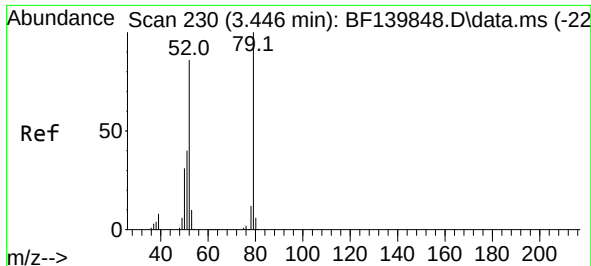
Tgt Ion:152 Resp: 98969
Ion Ratio Lower Upper
152 100
150 159.7 130.2 195.2
115 64.3 51.4 77.2



#2
1,4-Dioxane
Concen: 40.052 ng
RT: 2.869 min Scan# 132
Delta R.T. 0.183 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion: 88 Resp: 118056
Ion Ratio Lower Upper
88 100
58 87.6 73.3 109.9
43 0.0 27.1 40.7#





#3

Pyridine

Concen: 27.911 ng

RT: 3.575 min Scan# 21

Delta R.T. 0.130 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

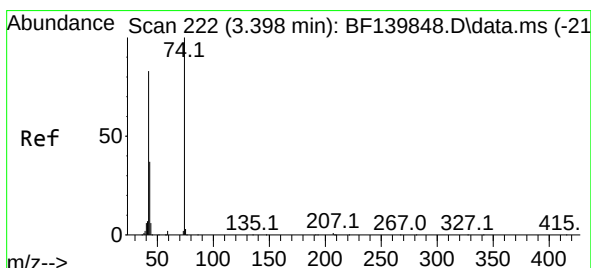
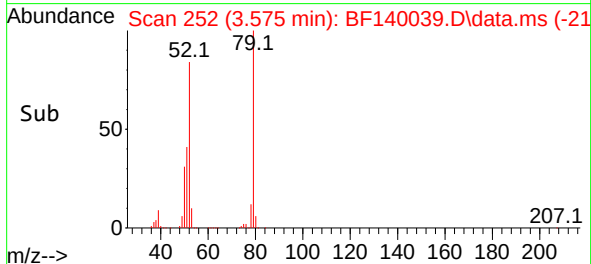
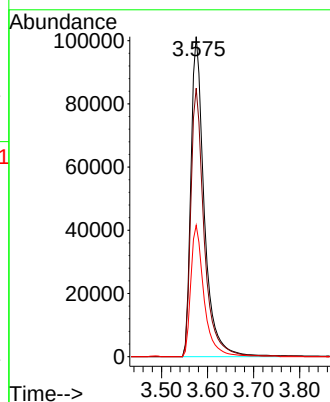
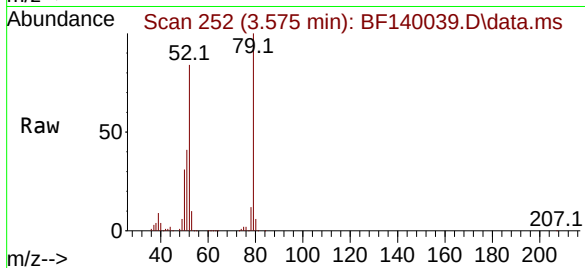
Tgt Ion: 79 Resp: 203925

Ion Ratio Lower Upper

79 100

52 83.9 68.5 102.7

51 41.0 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 44.615 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.112 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

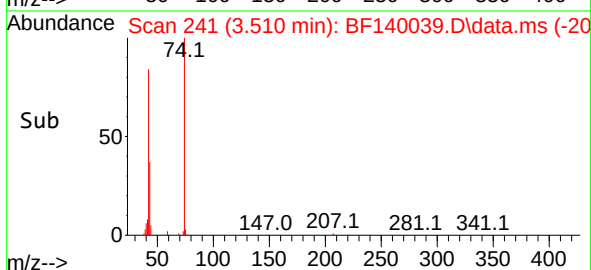
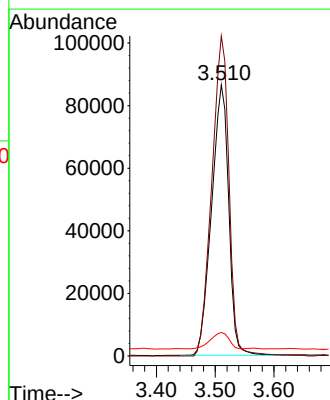
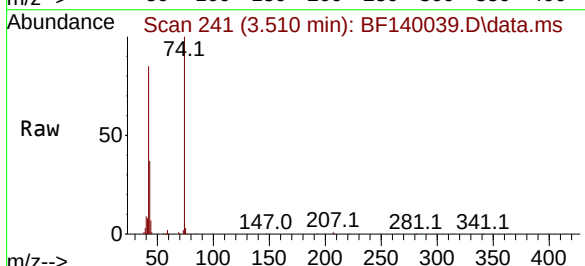
Tgt Ion: 42 Resp: 175134

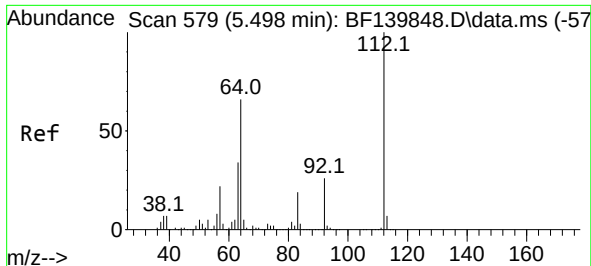
Ion Ratio Lower Upper

42 100

74 118.0 96.2 144.4

44 8.7 6.2 9.2

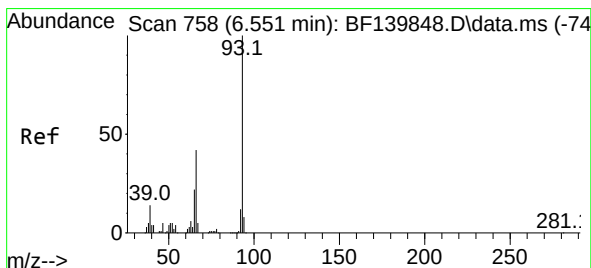
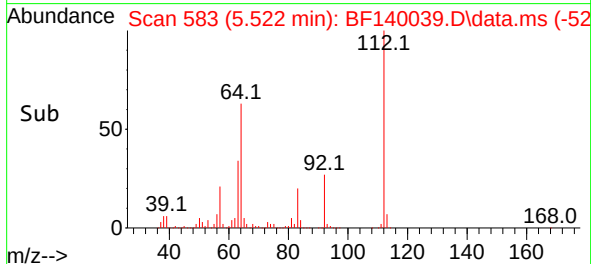
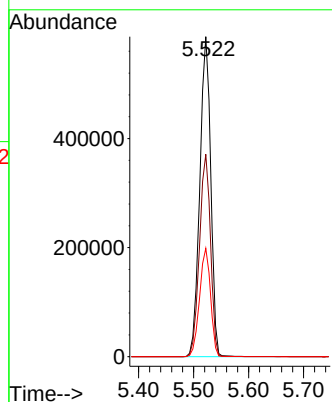
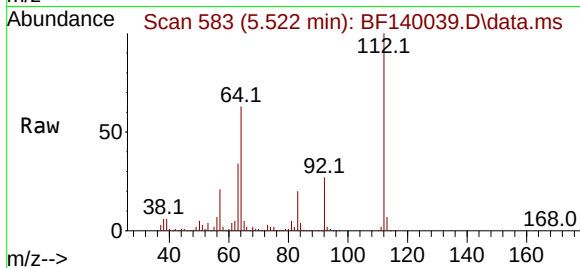




#5
2-Fluorophenol
Concen: 128.732 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

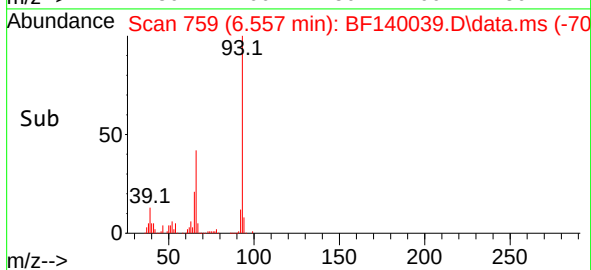
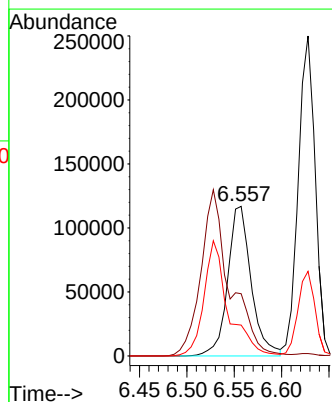
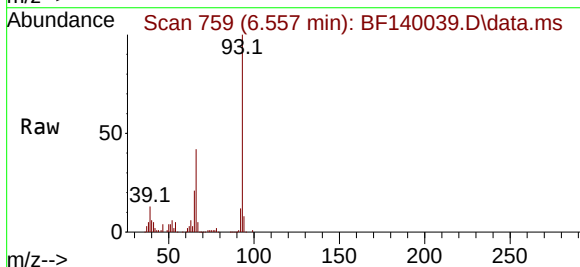
Instrument :
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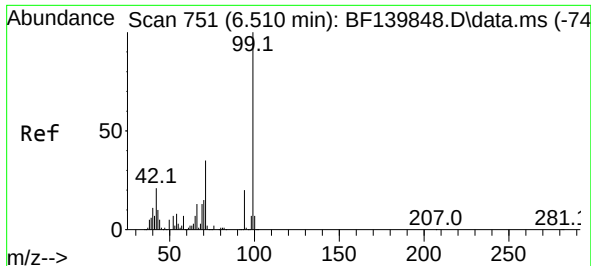
Tgt Ion:112 Resp: 813832
Ion Ratio Lower Upper
112 100
64 63.3 53.0 79.6
63 33.9 27.0 40.4



#6
Aniline
Concen: 26.449 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion: 93 Resp: 201834
Ion Ratio Lower Upper
93 100
66 41.6 34.0 51.0
65 20.6 17.4 26.0

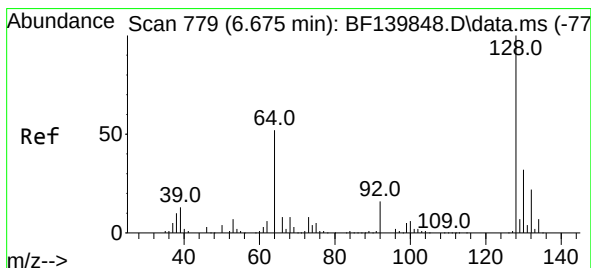
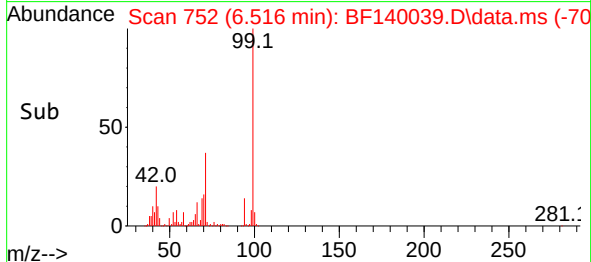
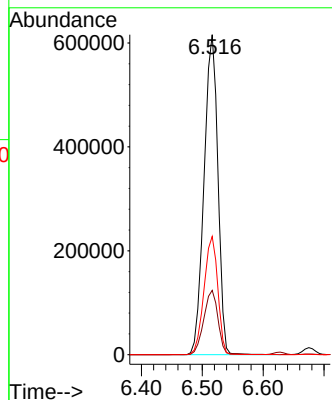
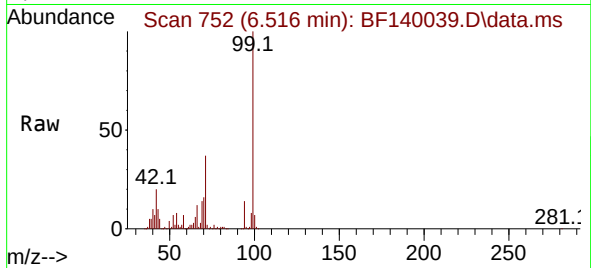




#7
Phenol-d6
Concen: 118.950 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

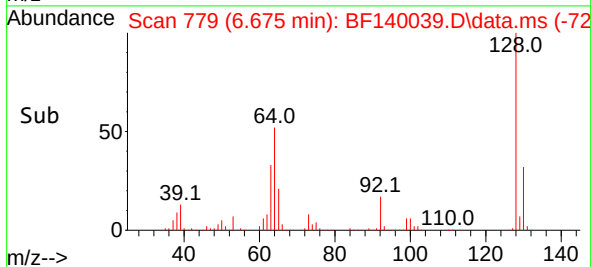
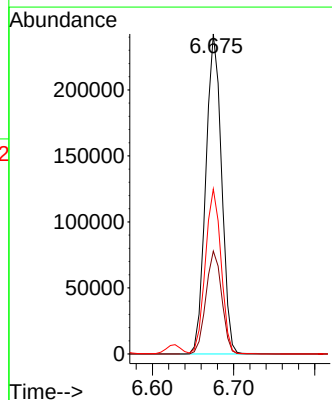
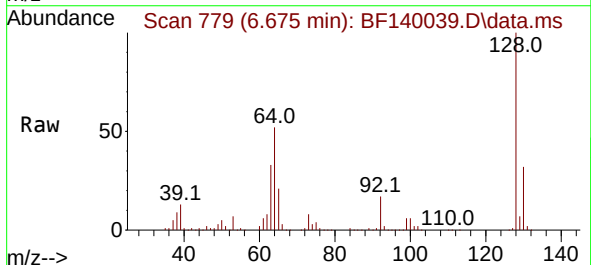
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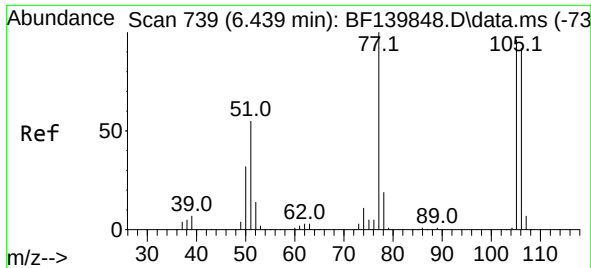
Tgt Ion: 99 Resp: 973955
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 37.0 27.7 41.5



#8
2-Chlorophenol
Concen: 50.575 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:128 Resp: 326864
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 51.6 34.6 74.6

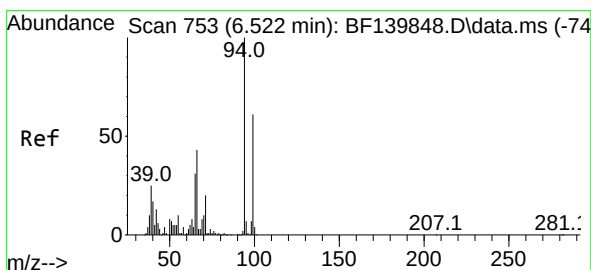
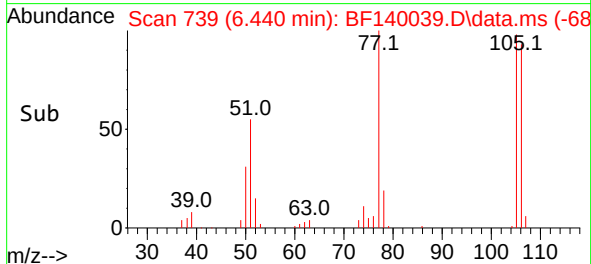
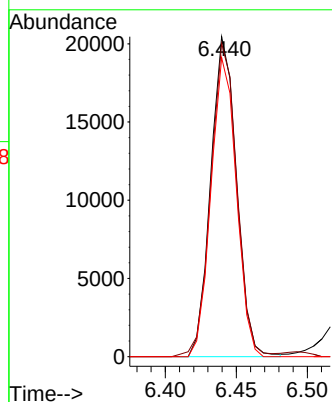
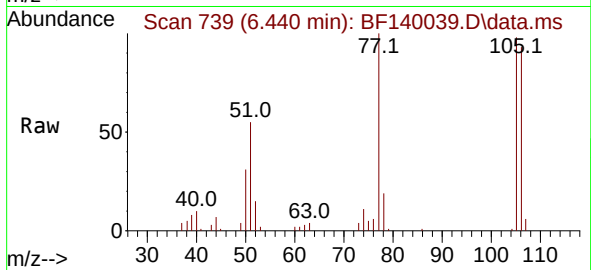




#9
Benzaldehyde
Concen: 5.583 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

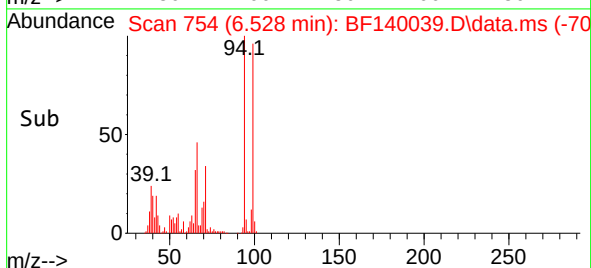
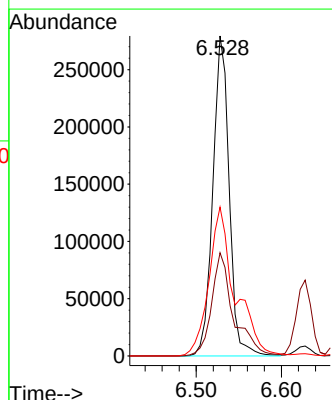
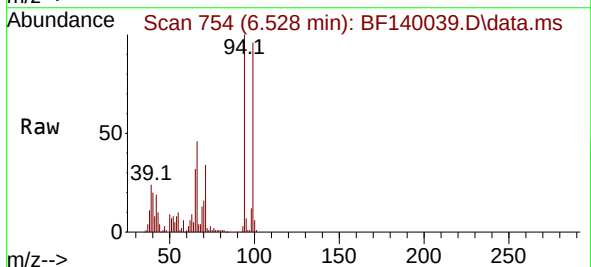
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ClientSampleId :
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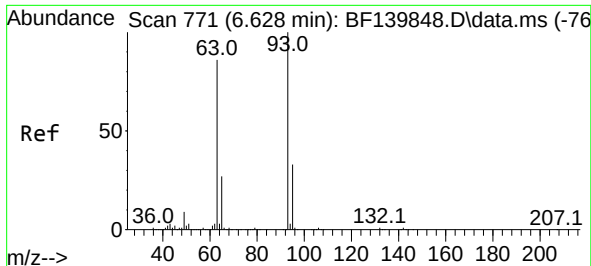
Tgt Ion: 77	Resp: 25716
Ion Ratio	Lower Upper
77	100
105	98.0 75.5 115.5
106	93.4 71.7 111.7



#10
Phenol
Concen: 44.025 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion: 94	Resp: 371631
Ion Ratio	Lower Upper
94	100
65	32.2 11.1 51.1
66	46.5 22.7 62.7

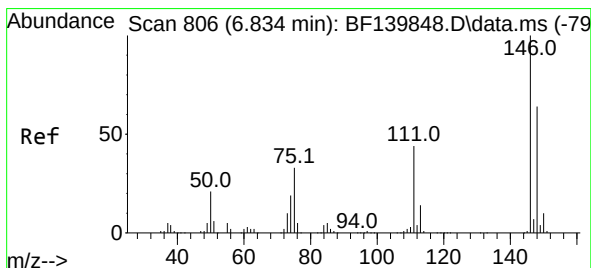
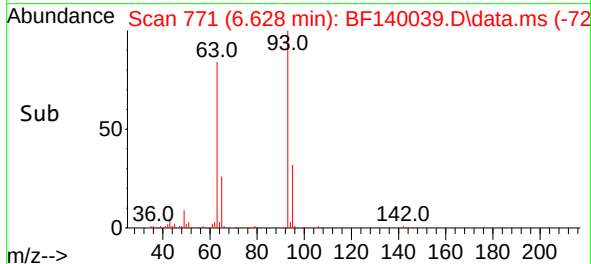
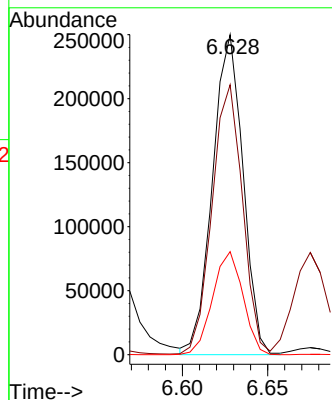
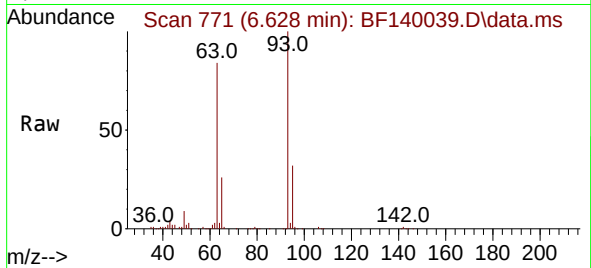




#11
bis(2-Chloroethyl)ether
Concen: 47.676 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

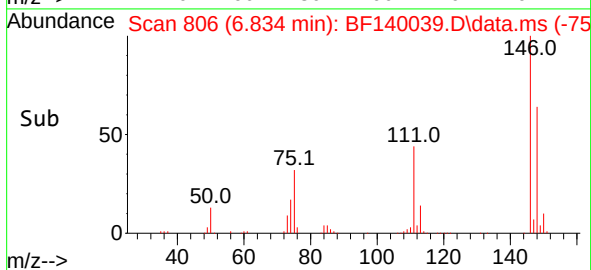
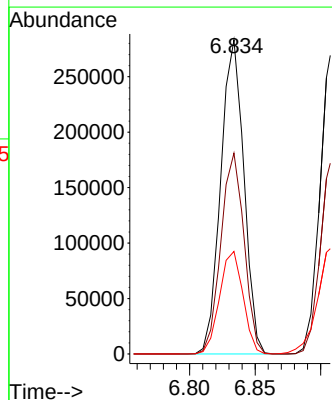
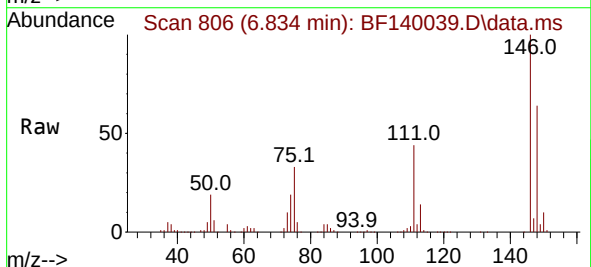
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

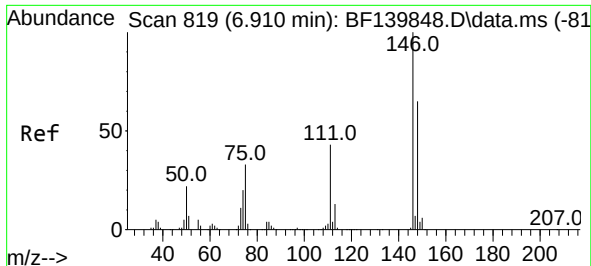
Tgt Ion: 93 Resp: 311065
Ion Ratio Lower Upper
93 100
63 84.4 65.0 105.0
95 32.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.838 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion: 146 Resp: 347489
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 32.7 26.4 39.6

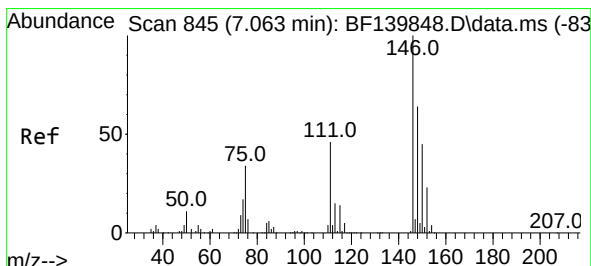
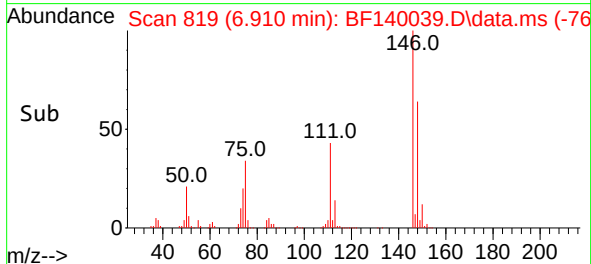
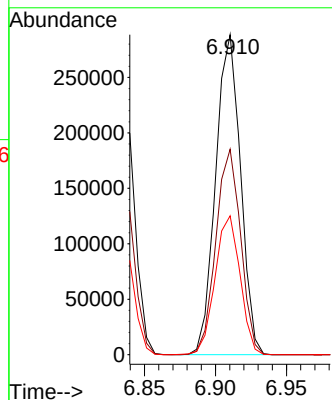
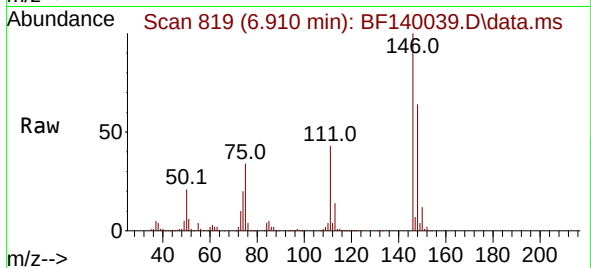




#13
1,4-Dichlorobenzene
Concen: 47.454 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

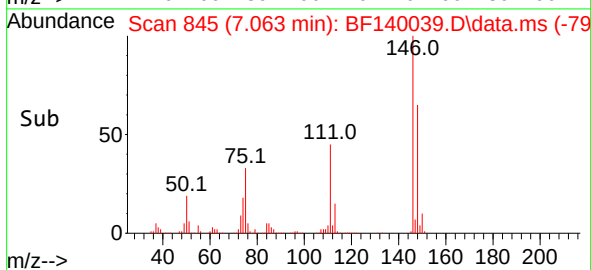
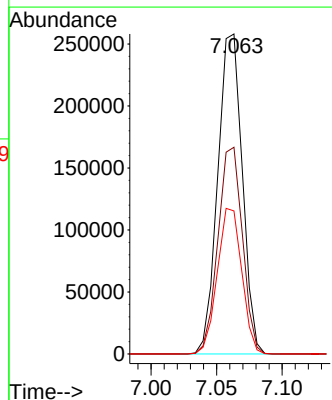
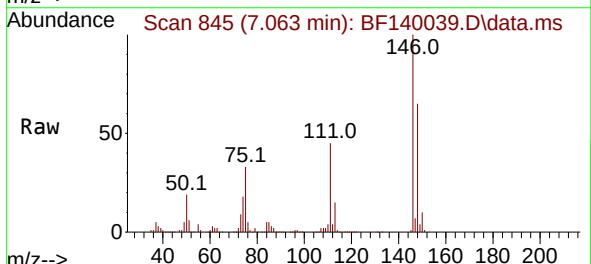
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

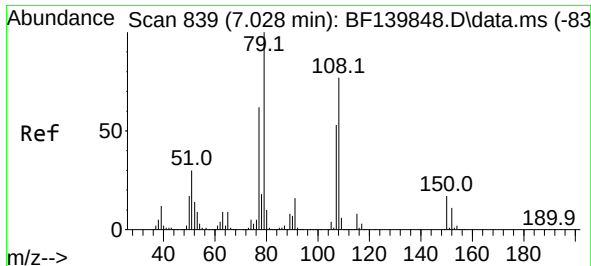
Tgt Ion:146 Resp: 351728
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 43.4 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 48.547 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:146 Resp: 335826
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
111 44.7 36.7 55.1

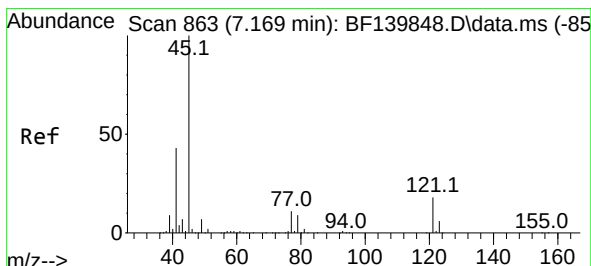
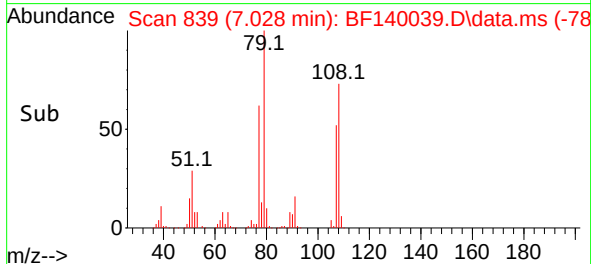
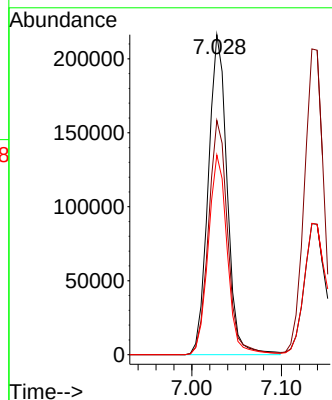
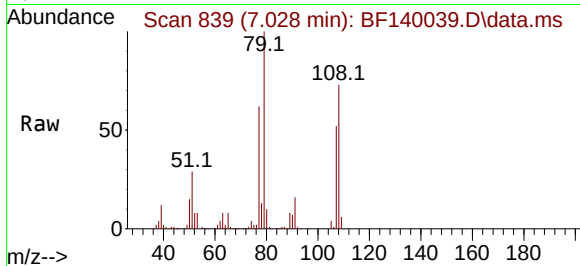




#15
Benzyl Alcohol
Concen: 52.640 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

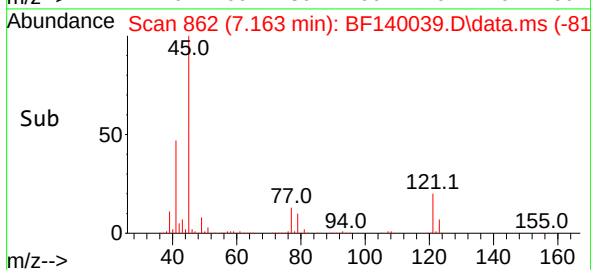
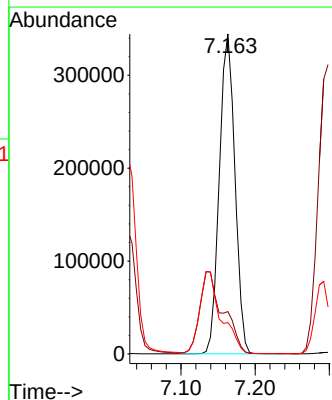
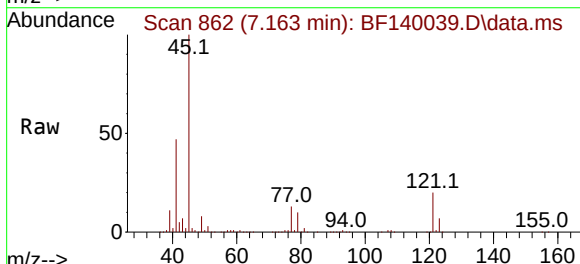
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

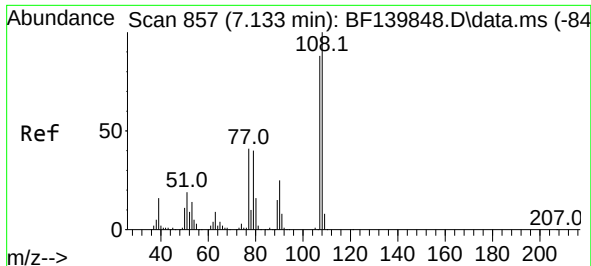
Tgt Ion: 79 Resp: 316164
Ion Ratio Lower Upper
79 100
108 73.2 61.4 92.0
77 62.4 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.176 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion: 45 Resp: 502598
Ion Ratio Lower Upper
45 100
77 13.3 0.0 31.5
79 9.8 0.0 29.1



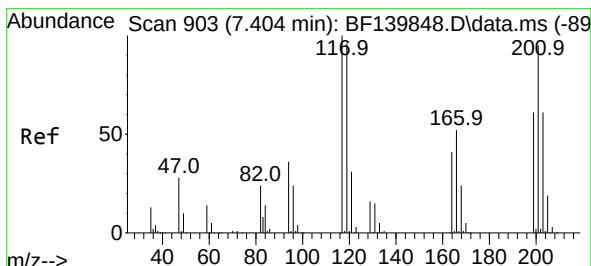
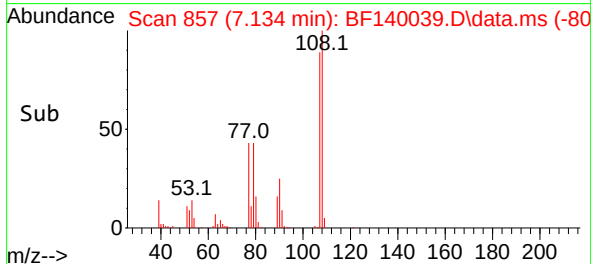
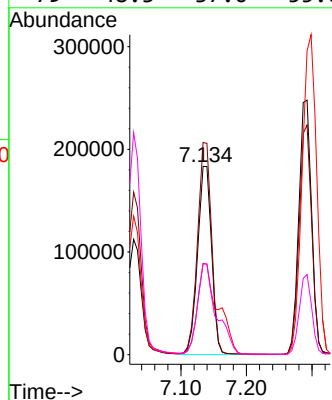
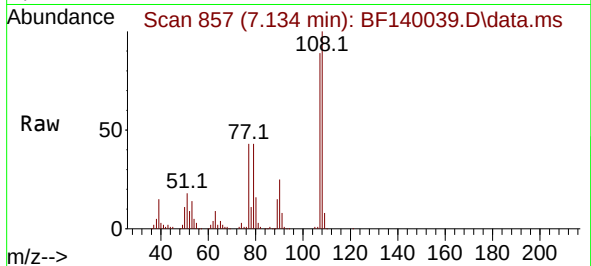


#17
2-Methylphenol
Concen: 49.393 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS

Tgt Ion:107 Resp: 272199

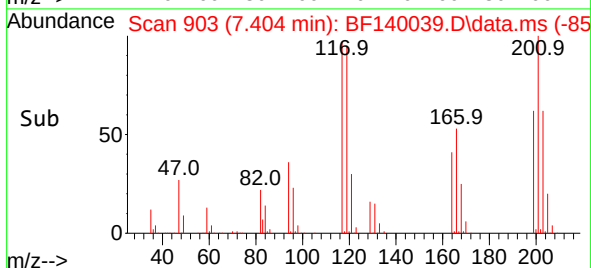
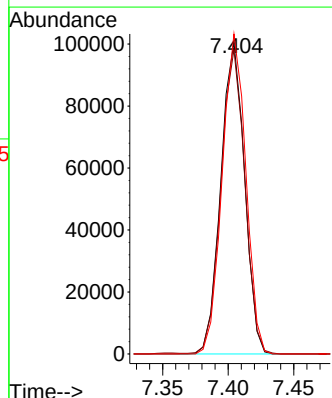
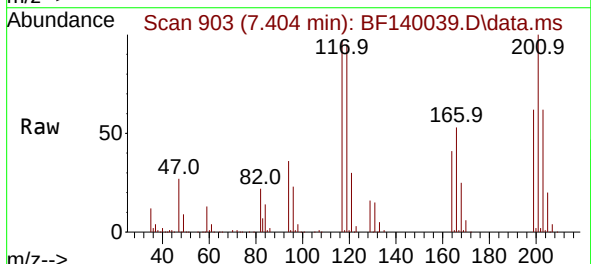
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.3	136.9
77	48.4	37.1	55.7
79	48.3	37.0	55.6

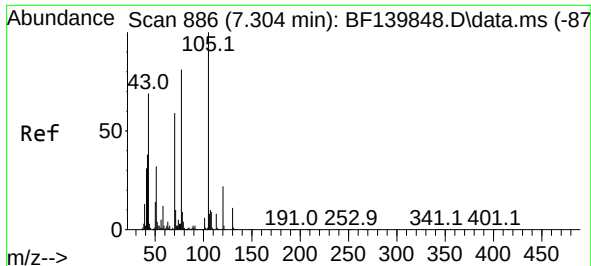


#18
Hexachloroethane
Concen: 47.787 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:117 Resp: 126307

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.0	115.4
201	102.6	76.2	114.4



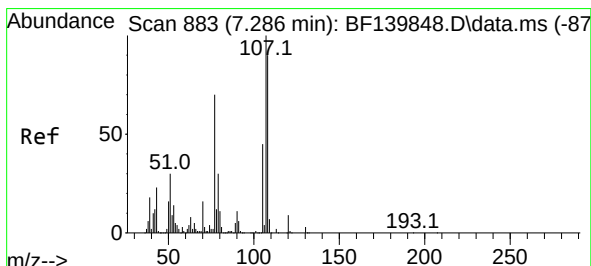
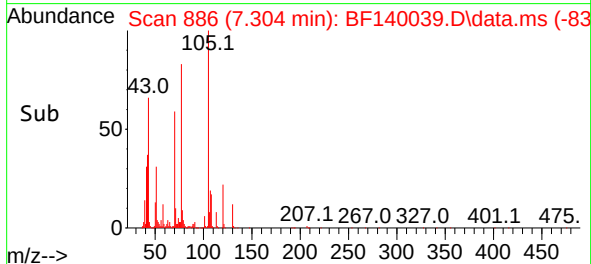
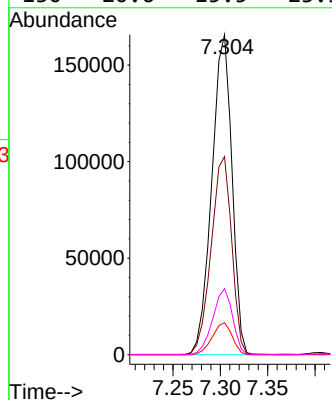
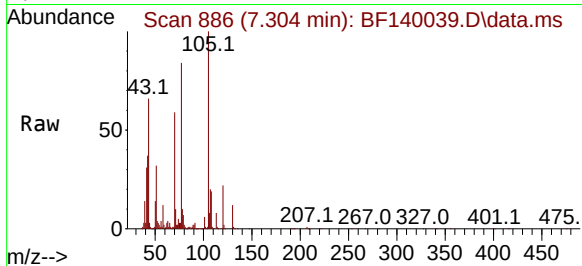


#19
n-Nitroso-di-n-propylamine
Concen: 49.470 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS

Tgt Ion: 70 Resp: 245666

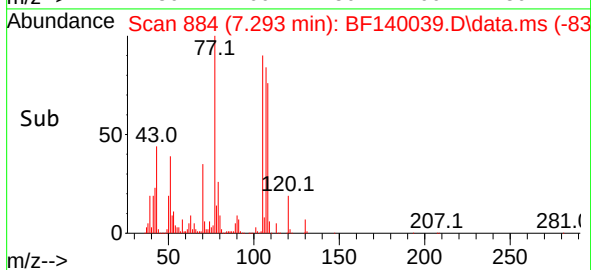
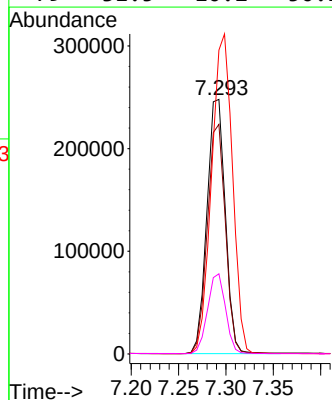
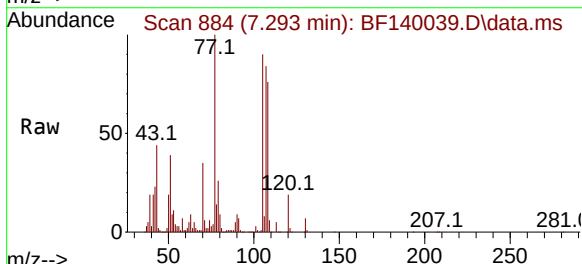
Ion	Ratio	Lower	Upper
70	100		
42	61.9	51.5	77.3
101	10.0	7.5	11.3
130	20.6	15.5	23.3

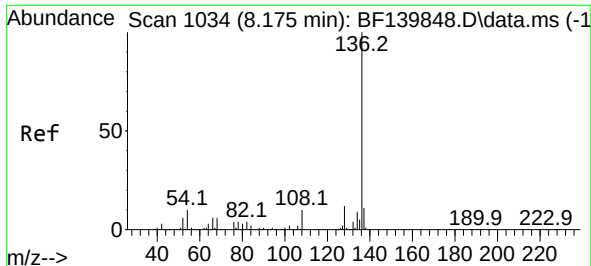


#20
3+4-Methylphenols
Concen: 47.371 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion: 107 Resp: 333914

Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.8	109.8
77	119.4	50.5	90.5#
79	31.5	10.2	50.2



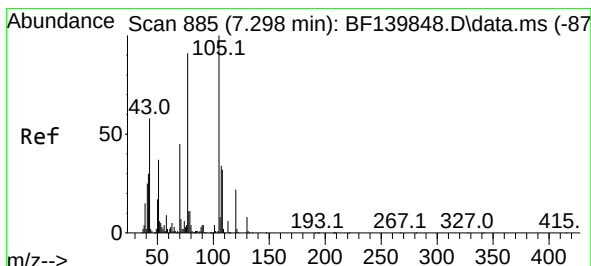
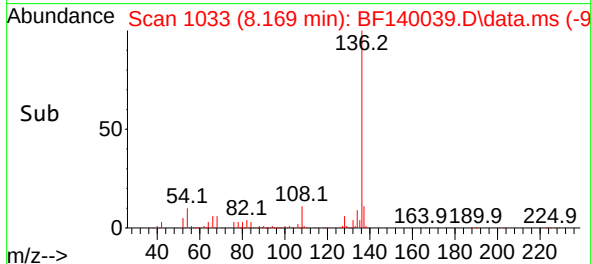
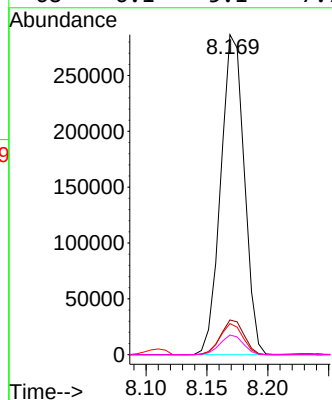
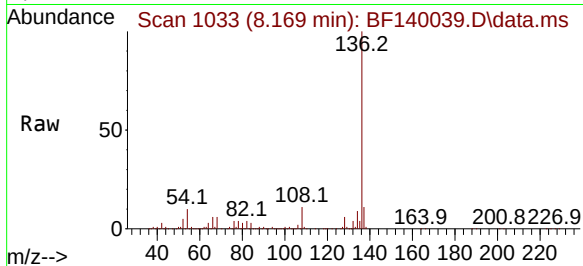


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS

Tgt Ion:136 Resp: 385080

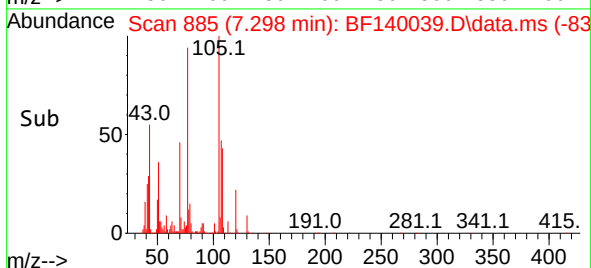
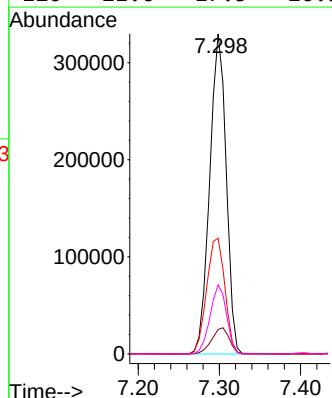
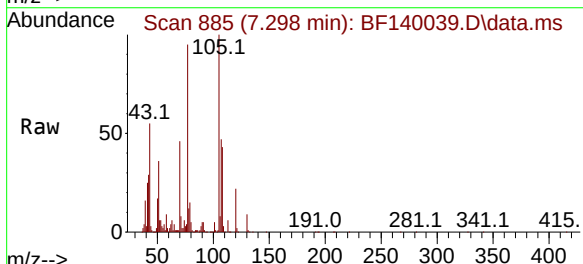
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.7	8.4	12.6
68	6.1	5.1	7.7

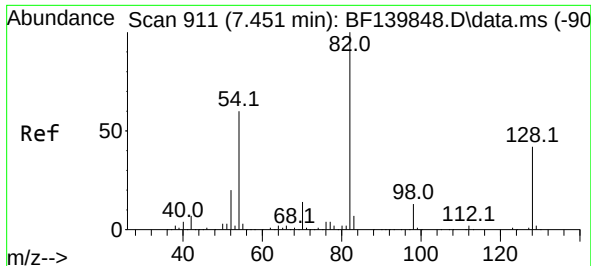


#22
Acetophenone
Concen: 49.198 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:105 Resp: 464025

Ion	Ratio	Lower	Upper
105	100		
71	7.6	5.9	8.9
51	36.2	29.4	44.2
120	21.6	17.5	26.3





#23

Nitrobenzene-d5

Concen: 104.741 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

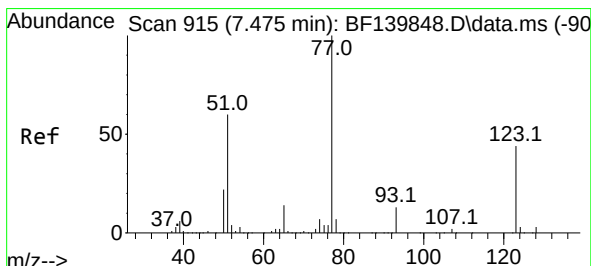
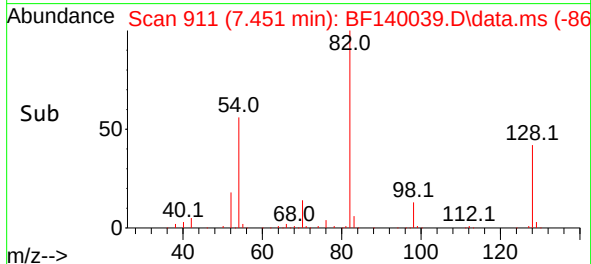
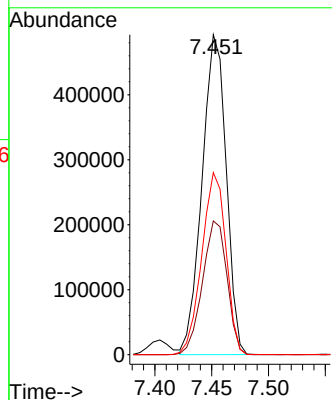
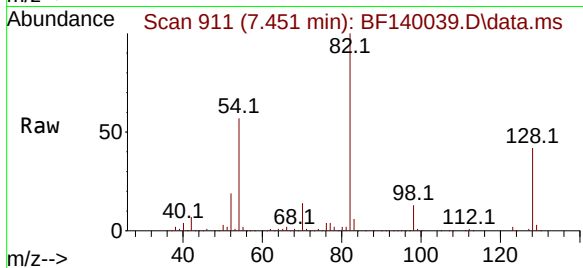
Tgt Ion: 82 Resp: 727732

Ion Ratio Lower Upper

82 100

128 41.8 33.4 50.0

54 56.9 47.8 71.8



#24

Nitrobenzene

Concen: 48.512 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

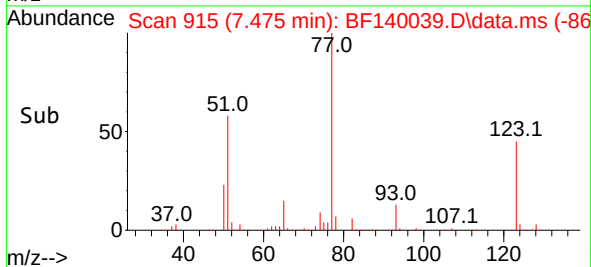
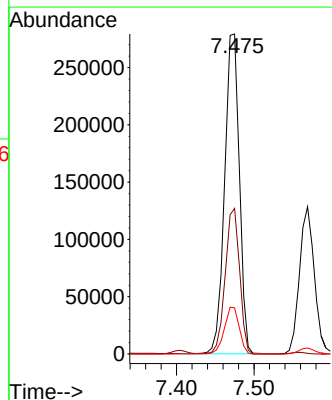
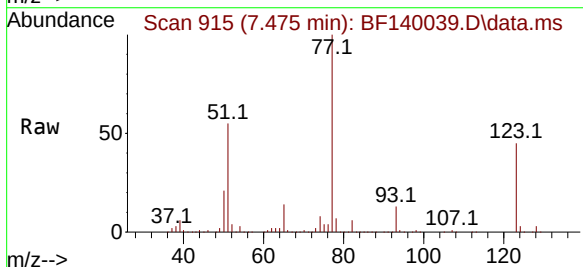
Tgt Ion: 77 Resp: 369551

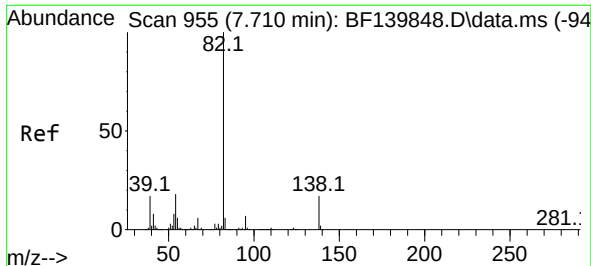
Ion Ratio Lower Upper

77 100

123 45.5 35.7 53.5

65 14.4 11.5 17.3

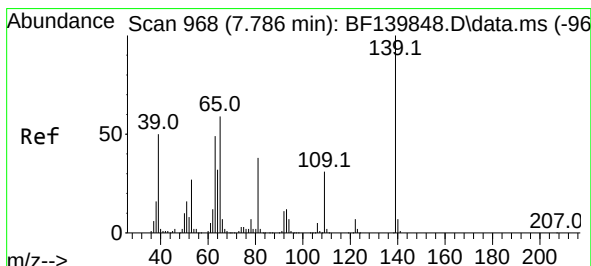
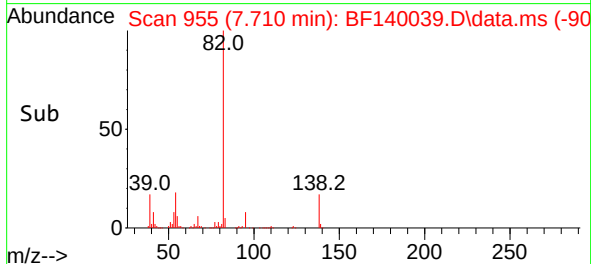
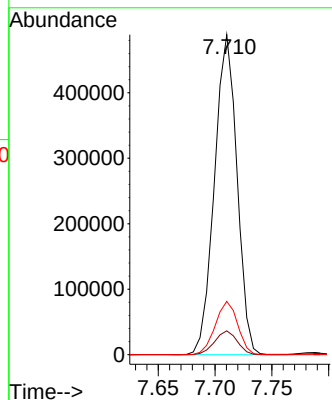
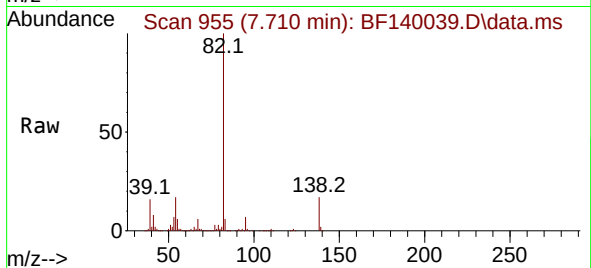




#25
Isophorone
Concen: 51.167 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

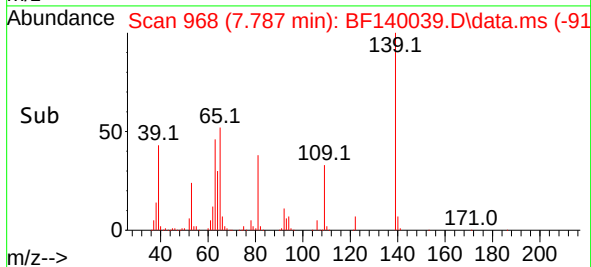
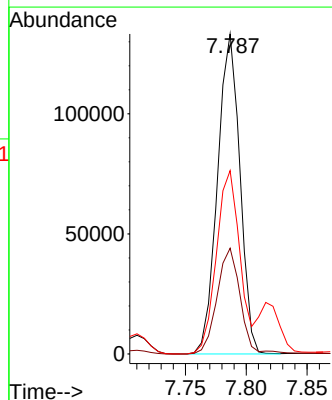
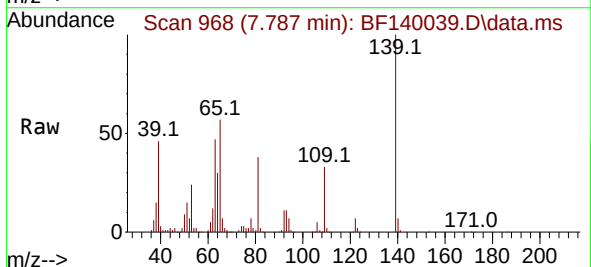
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

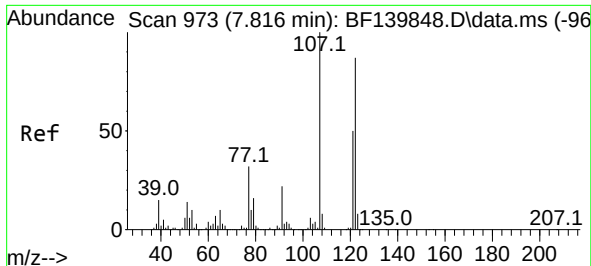
Tgt Ion: 82 Resp: 674753
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 16.7 13.2 19.8



#26
2-Nitrophenol
Concen: 59.410 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:139 Resp: 170732
Ion Ratio Lower Upper
139 100
109 33.0 25.1 37.7
65 57.3 47.5 71.3

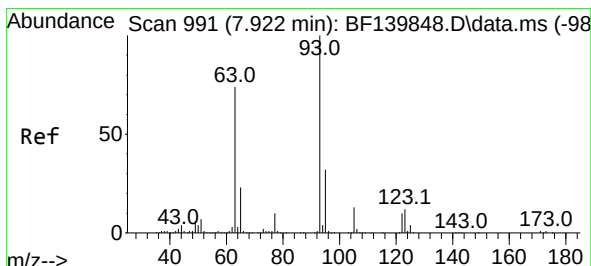
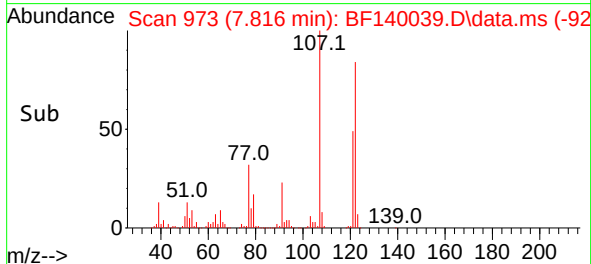
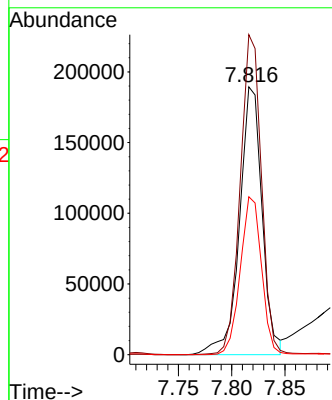
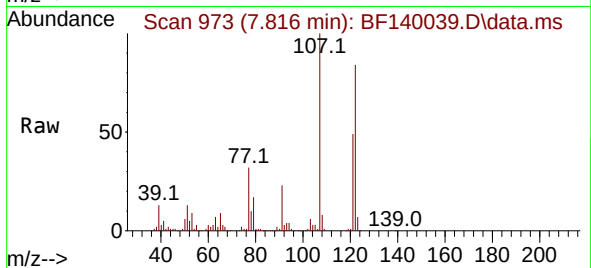




#27
2,4-Dimethylphenol
Concen: 58.358 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

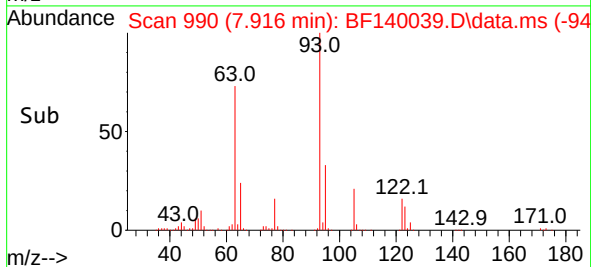
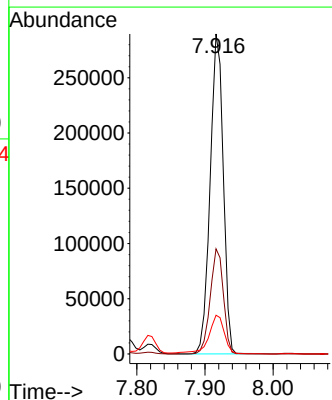
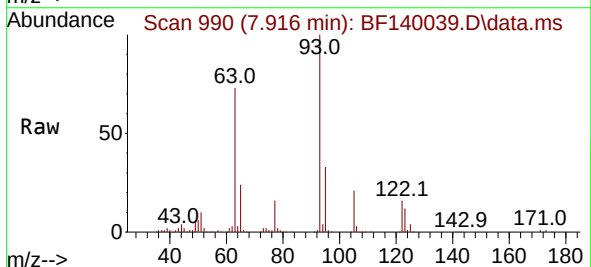
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

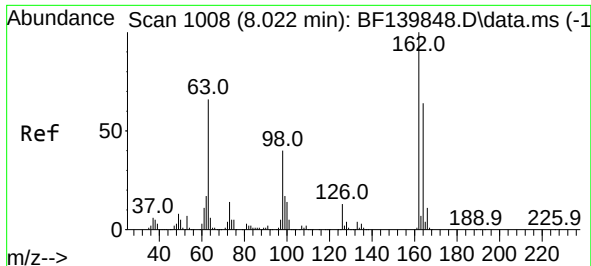
Tgt Ion:122 Resp: 279646
Ion Ratio Lower Upper
122 100
107 119.5 91.9 137.9
121 58.9 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 48.513 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion: 93 Resp: 387604
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 51.657 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

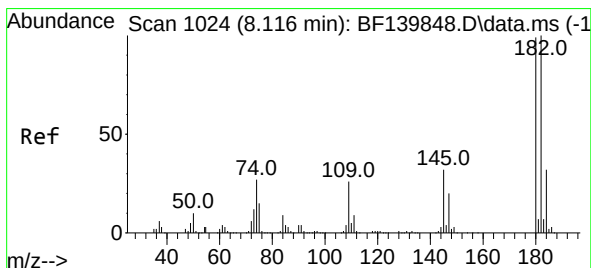
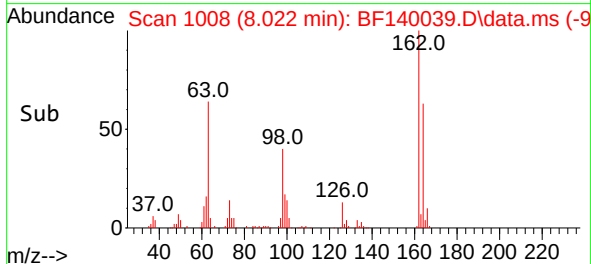
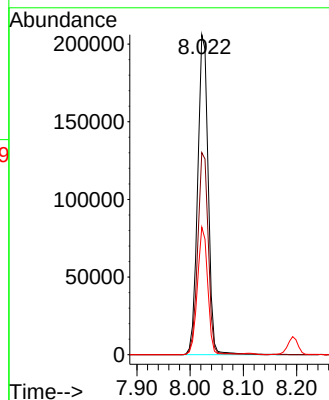
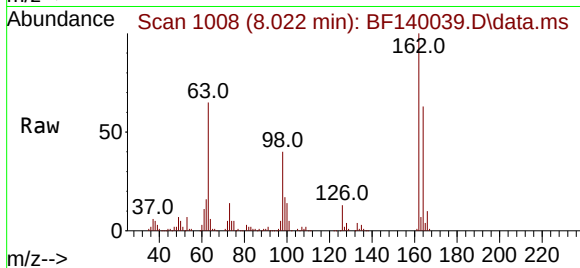
Tgt Ion:162 Resp: 281949

Ion Ratio Lower Upper

162 100

164 63.1 43.9 83.9

98 39.8 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 48.743 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

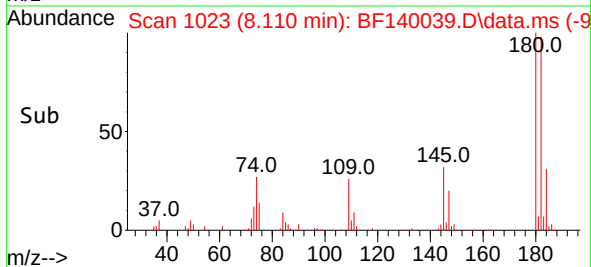
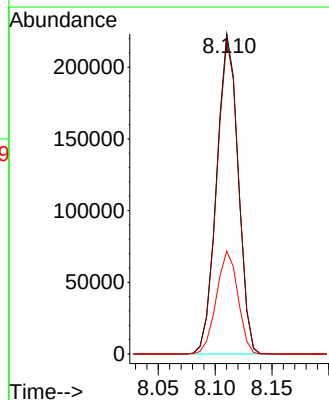
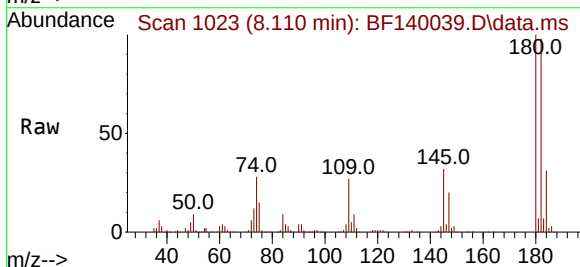
Tgt Ion:180 Resp: 294385

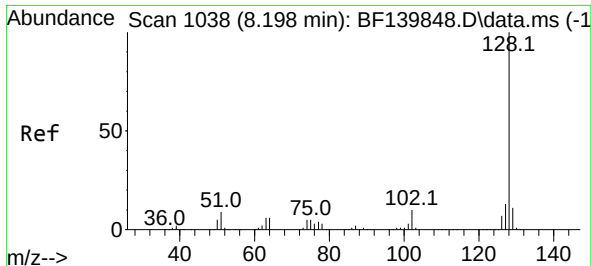
Ion Ratio Lower Upper

180 100

182 98.4 80.5 120.7

145 32.2 25.4 38.0

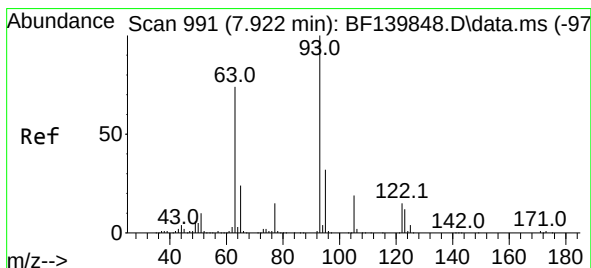
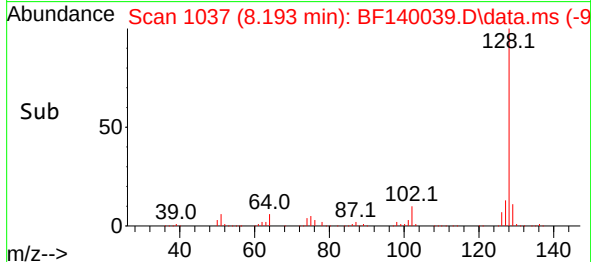
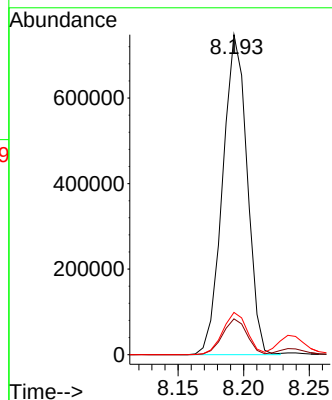
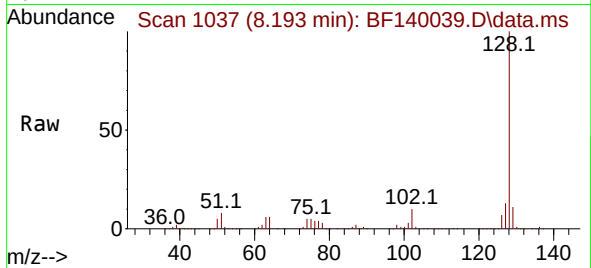




#31
Naphthalene
Concen: 48.864 ng
RT: 8.193 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

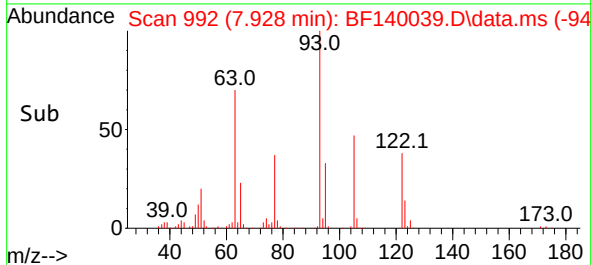
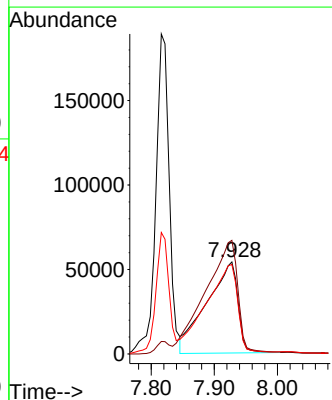
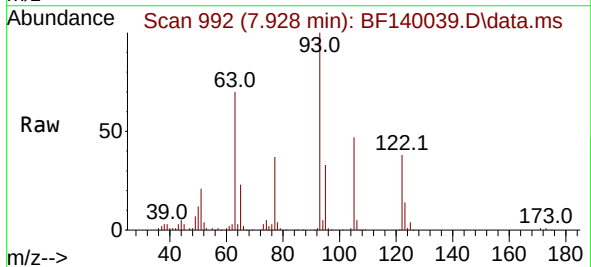
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

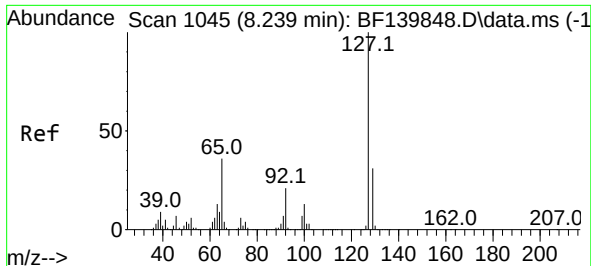
Tgt Ion:128 Resp: 970453
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 44.237 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:122 Resp: 184889
Ion Ratio Lower Upper
122 100
105 123.5 107.6 147.6
77 97.3 80.2 120.2

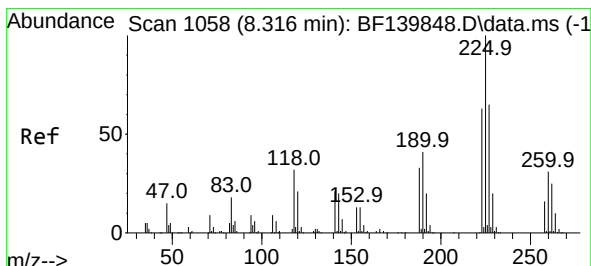
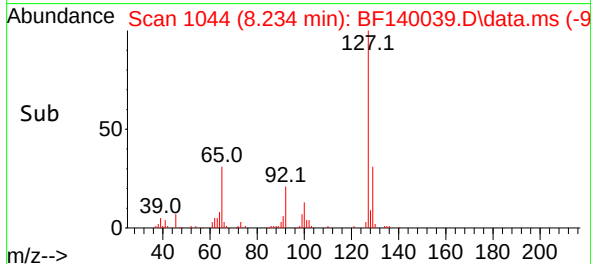
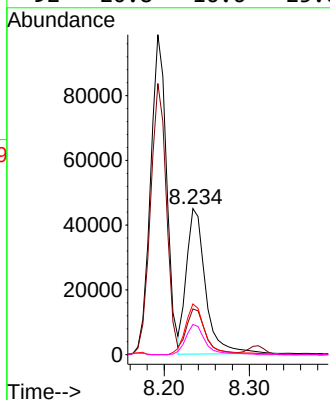
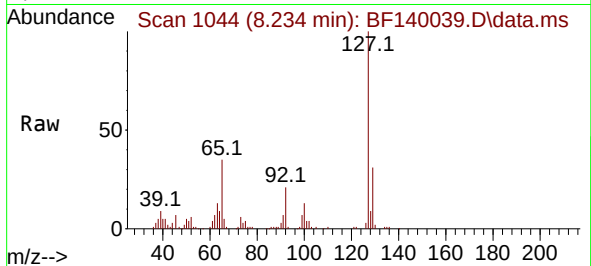




#33
4-Chloroaniline
Concen: 10.372 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

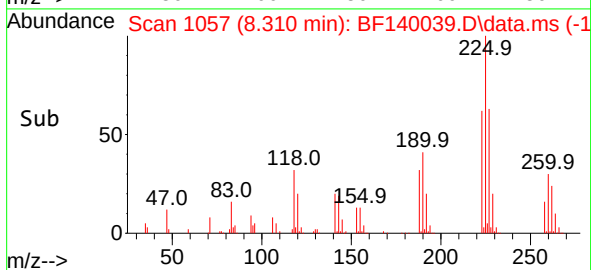
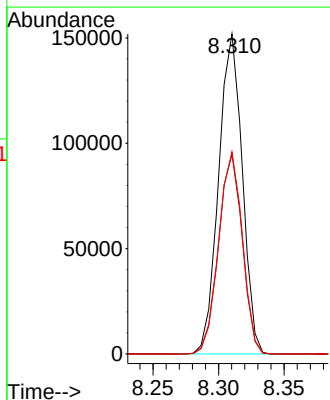
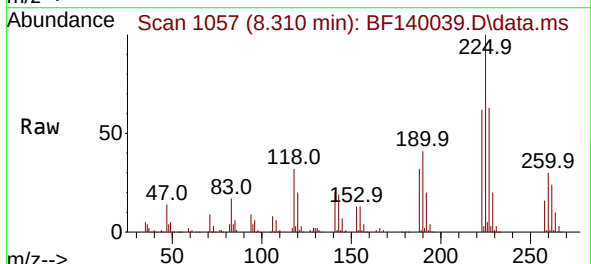
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

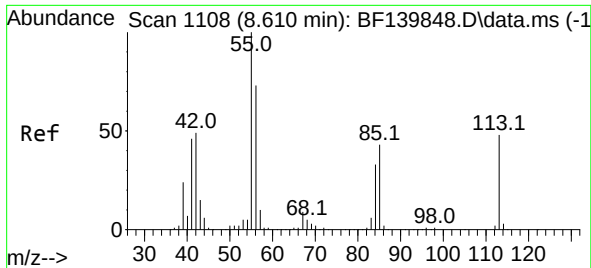
Tgt Ion:127	Resp: 70242
Ion Ratio	Lower Upper
127 100	
129 31.3	25.4 38.2
65 34.7	28.4 42.6
92 20.8	16.6 25.0



#34
Hexachlorobutadiene
Concen: 50.184 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:225	Resp: 190431
Ion Ratio	Lower Upper
225 100	
223 62.3	50.6 76.0
227 63.2	51.8 77.8





#35

Caprolactam

Concen: 30.511 ng

RT: 8.604 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

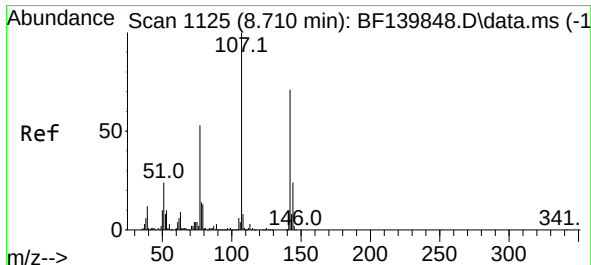
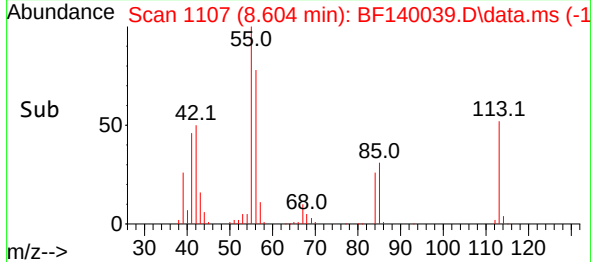
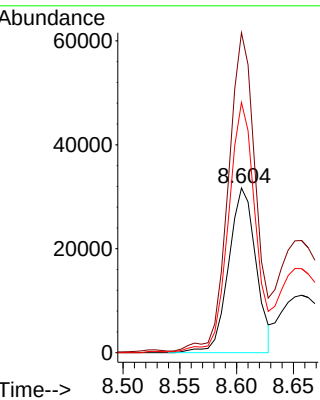
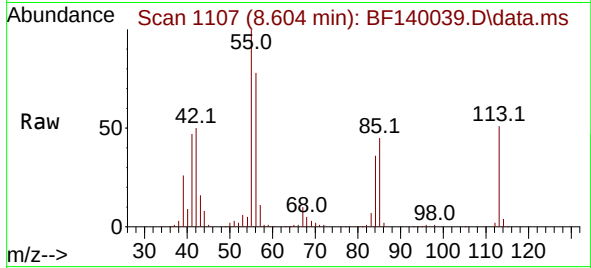
Tgt Ion:113 Resp: 52952

Ion Ratio Lower Upper

113 100

55 194.4 189.2 229.2

56 152.0 132.5 172.5



#36

4-Chloro-3-methylphenol

Concen: 53.624 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

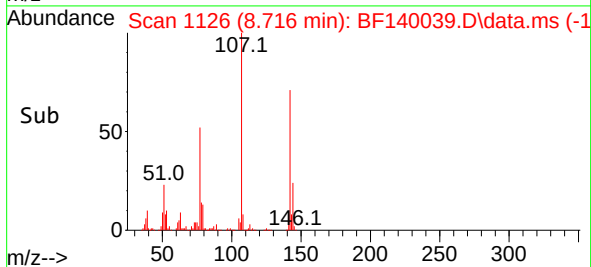
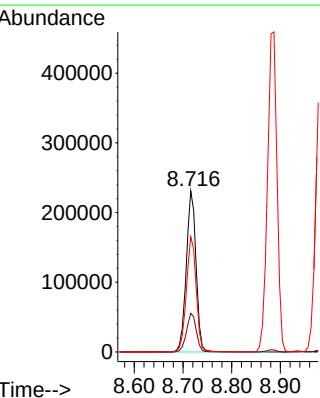
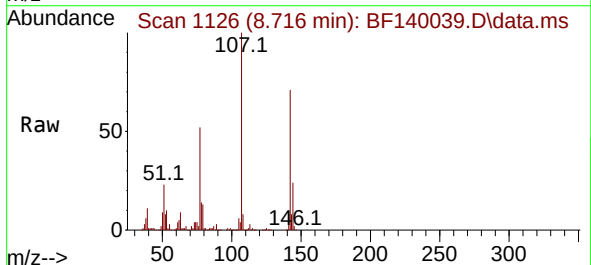
Tgt Ion:107 Resp: 324091

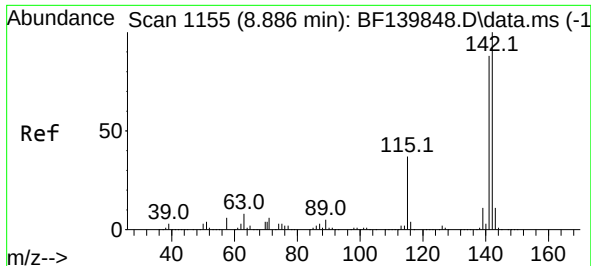
Ion Ratio Lower Upper

107 100

144 24.0 19.1 28.7

142 71.4 57.2 85.8





#37

2-Methylnaphthalene

Concen: 51.636 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

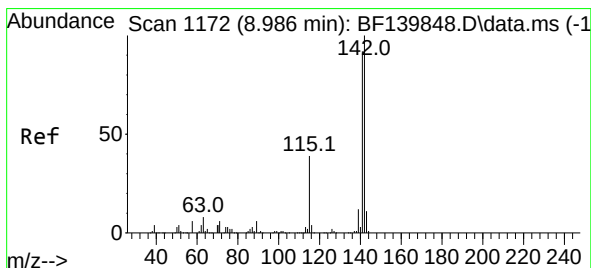
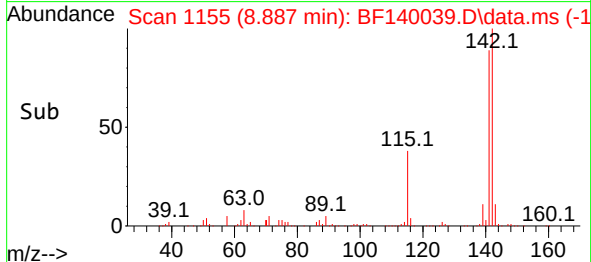
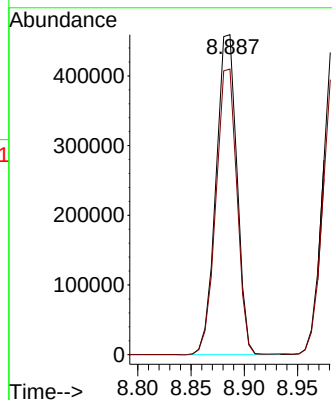
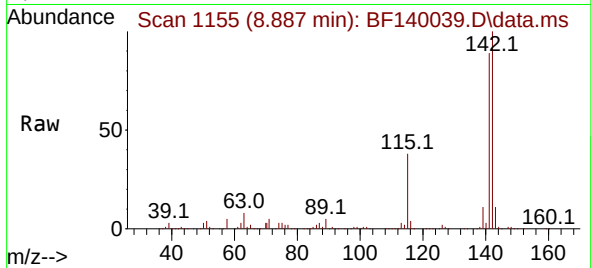
BP-B5MS

Tgt Ion:142 Resp: 628051

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 49.360 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140039.D

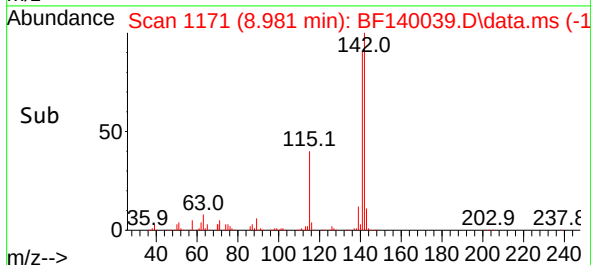
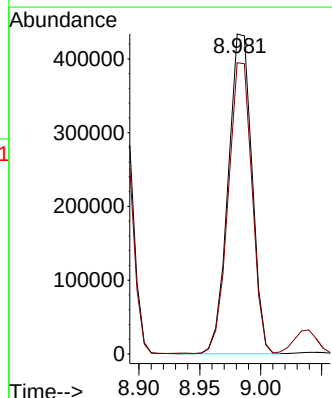
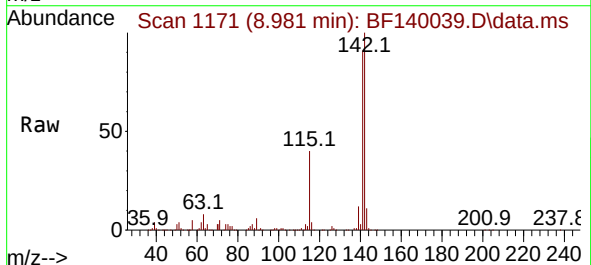
Acq: 25 Oct 2024 16:01

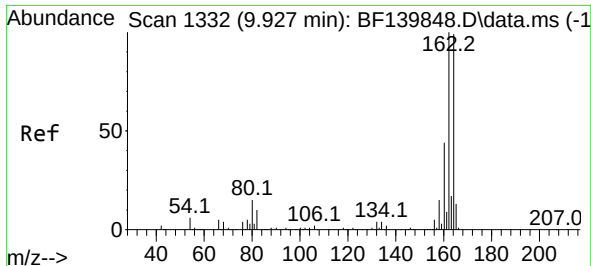
Tgt Ion:142 Resp: 589032

Ion Ratio Lower Upper

142 100

141 91.0 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: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

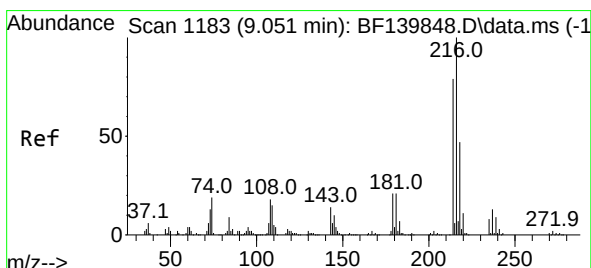
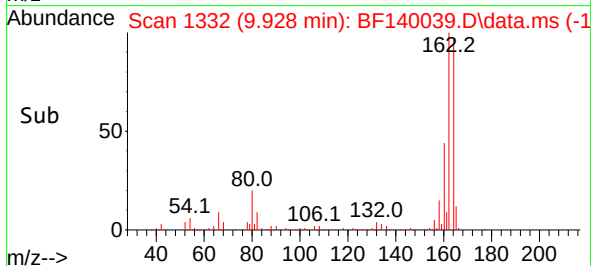
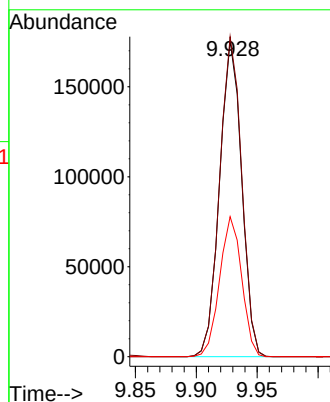
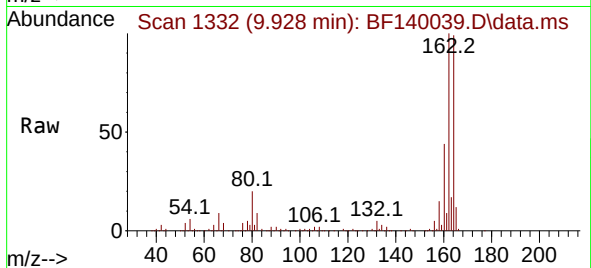
Tgt Ion:164 Resp: 221263

Ion Ratio Lower Upper

164 100

162 101.3 81.0 121.4

160 44.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.611 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Tgt Ion:216 Resp: 302113

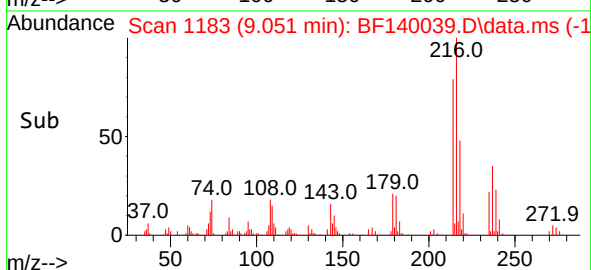
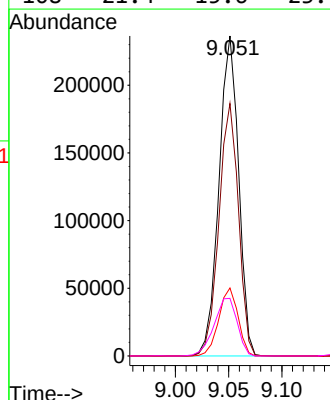
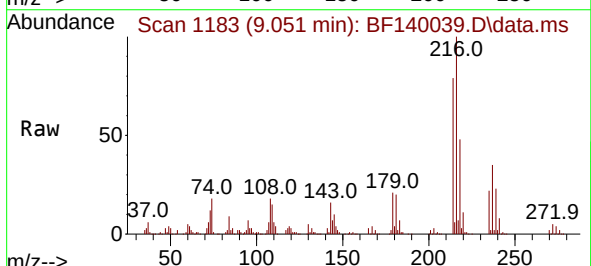
Ion Ratio Lower Upper

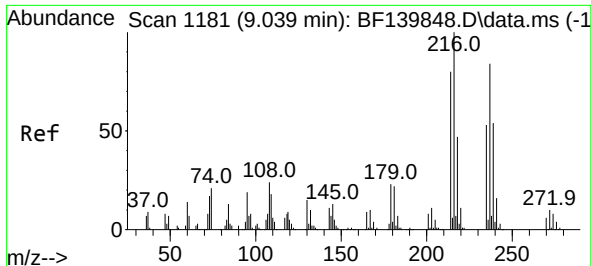
216 100

214 78.6 63.4 95.0

179 20.9 17.2 25.8

108 21.4 15.6 23.4

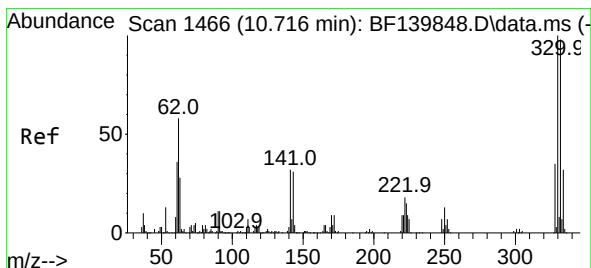
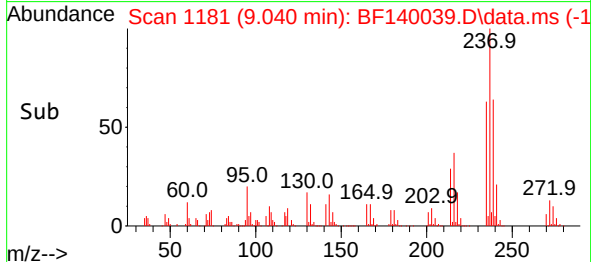
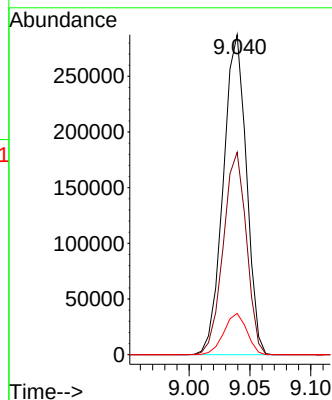
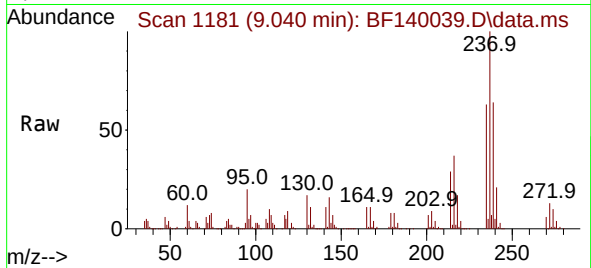




#41
Hexachlorocyclopentadiene
Concen: 183.040 ng
RT: 9.040 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

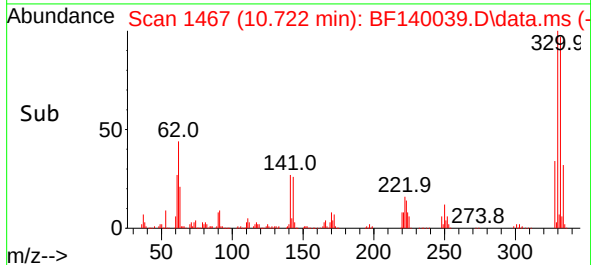
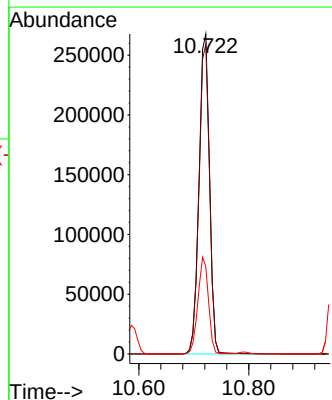
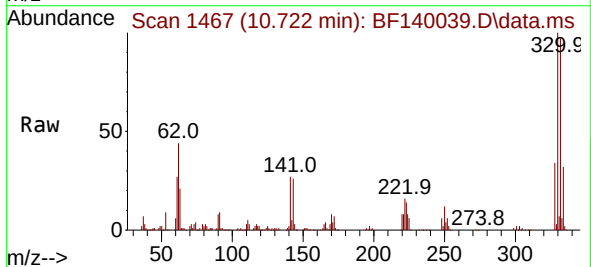
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

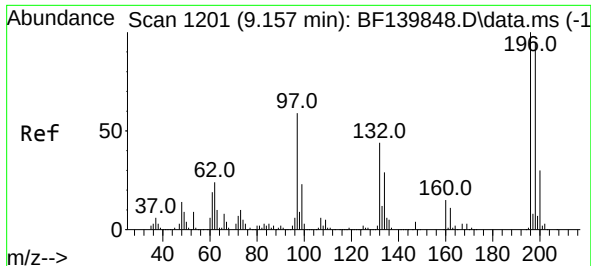
Tgt Ion:237 Resp: 380181
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 12.9 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 172.566 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:330 Resp: 357148
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 30.2 26.6 39.8

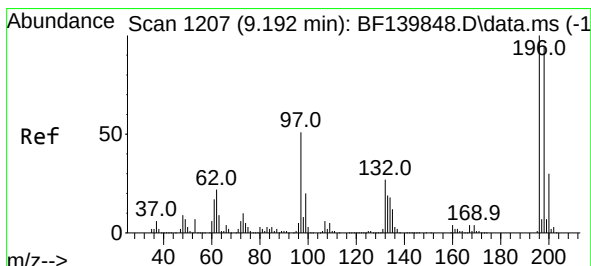
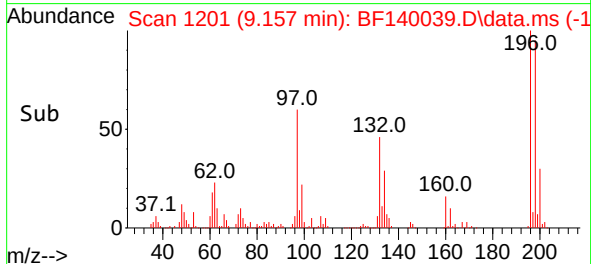
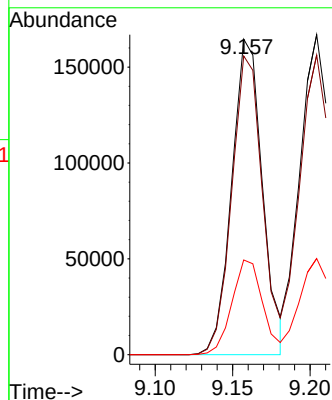
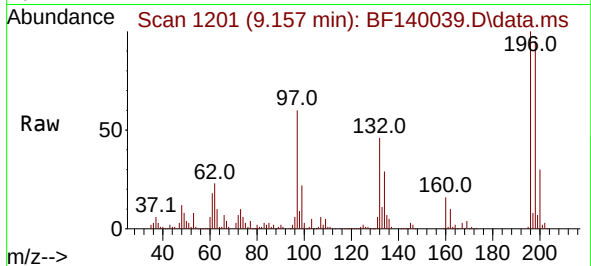




#43
2,4,6-Trichlorophenol
Concen: 53.557 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

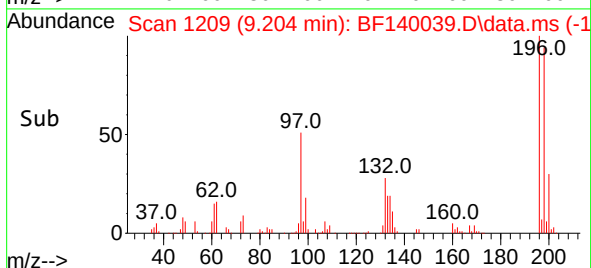
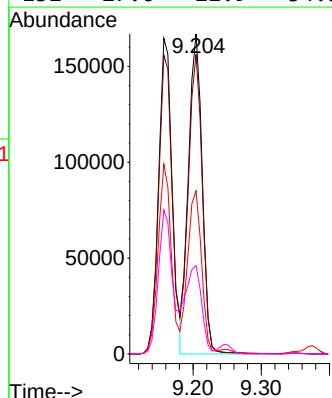
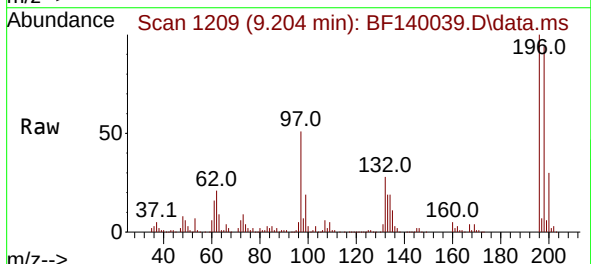
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

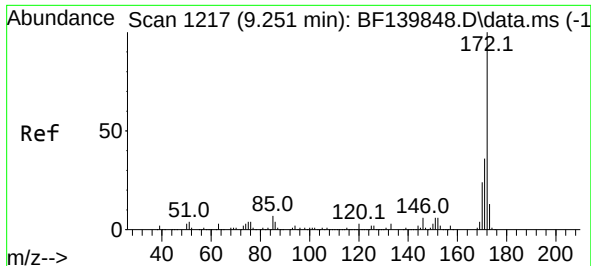
Tgt Ion:196 Resp: 226345
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.2
200 30.0 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 53.838 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:196 Resp: 234749
Ion Ratio Lower Upper
196 100
198 93.7 75.8 113.6
97 50.9 41.8 62.6
132 27.6 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 99.144 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

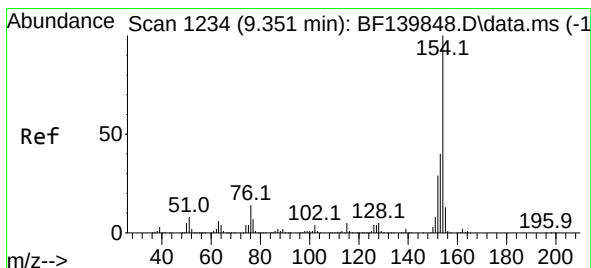
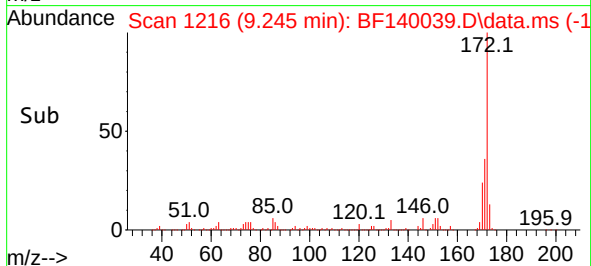
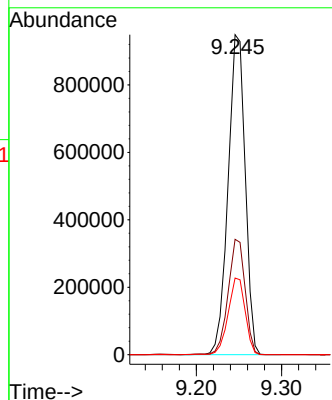
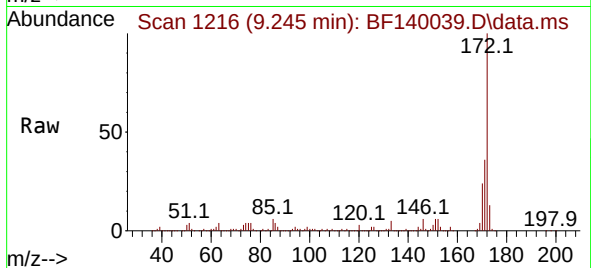
Tgt Ion:172 Resp: 1327340

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 49.962 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

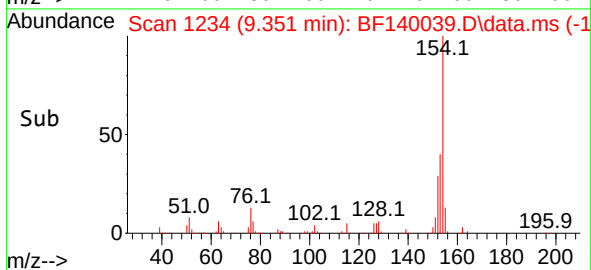
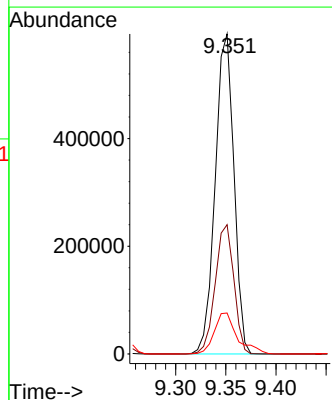
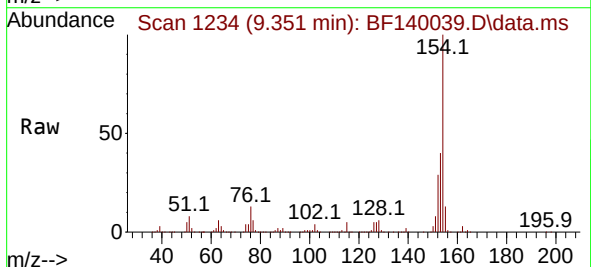
Tgt Ion:154 Resp: 769578

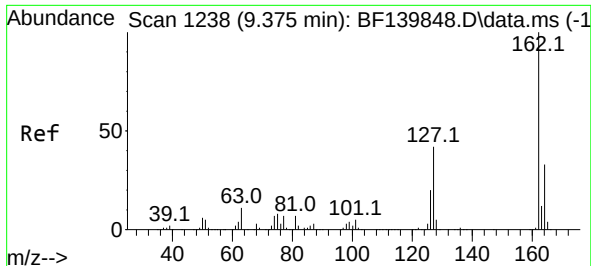
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 12.8 0.0 33.9





#47

2-Chloronaphthalene

Concen: 49.438 ng

RT: 9.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

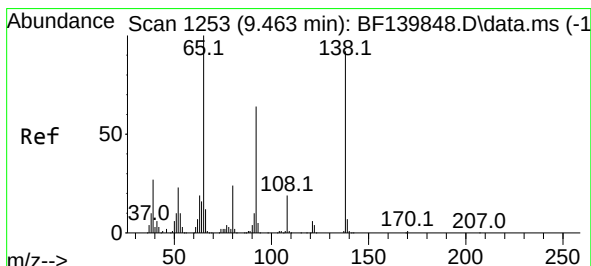
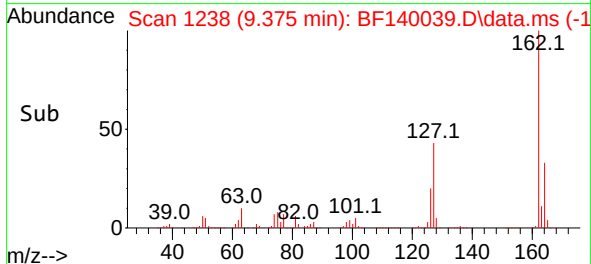
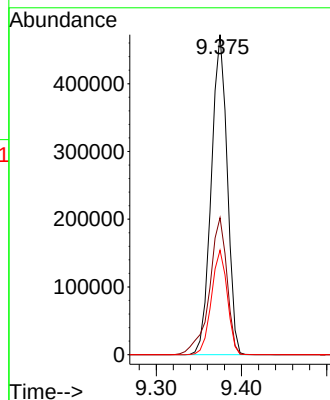
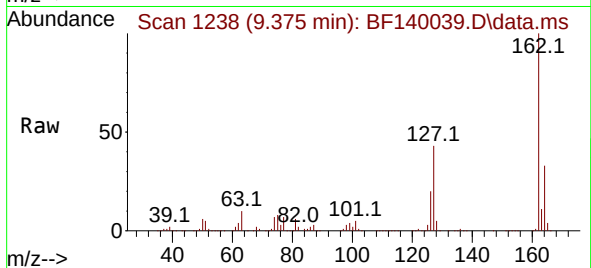
Tgt Ion:162 Resp: 613326

Ion Ratio Lower Upper

162 100

127 42.8 33.8 50.6

164 32.7 26.6 39.8



#48

2-Nitroaniline

Concen: 58.475 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

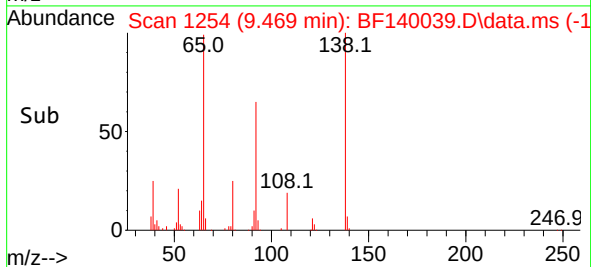
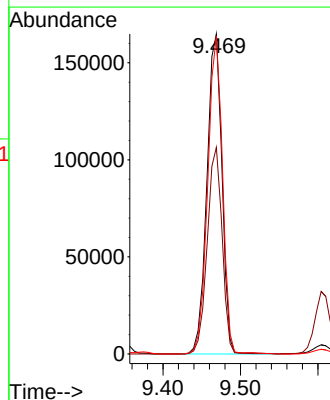
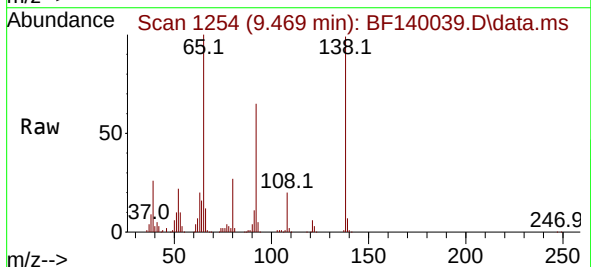
Tgt Ion: 65 Resp: 221868

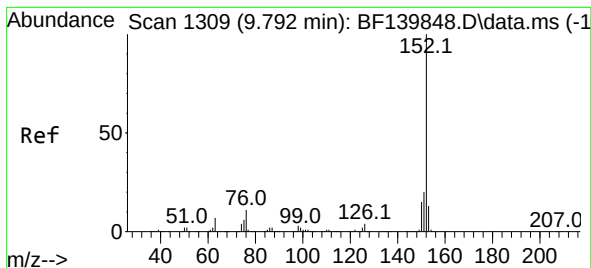
Ion Ratio Lower Upper

65 100

92 64.6 50.9 76.3

138 99.4 73.4 110.0





#49

Acenaphthylene

Concen: 54.430 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

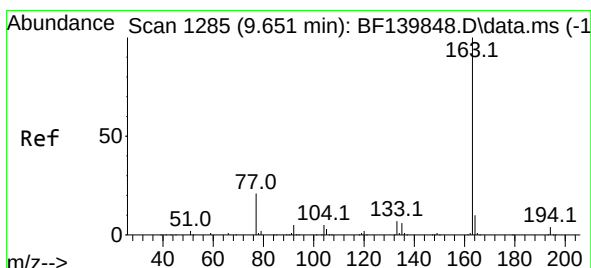
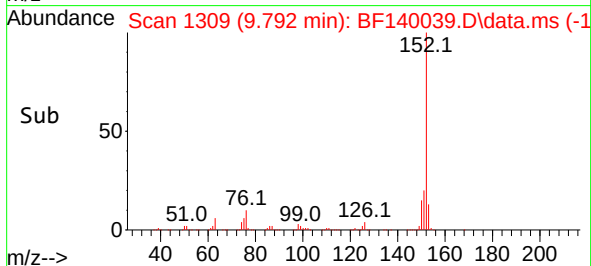
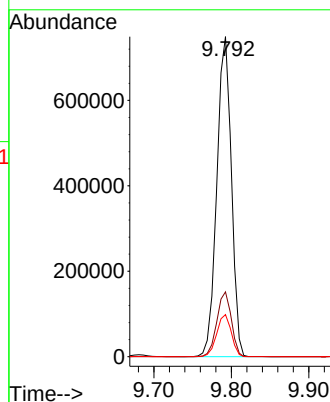
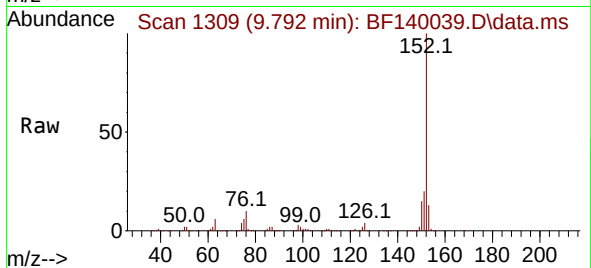
Tgt Ion:152 Resp: 976212

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.2 10.7 16.1



#50

Dimethylphthalate

Concen: 54.365 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

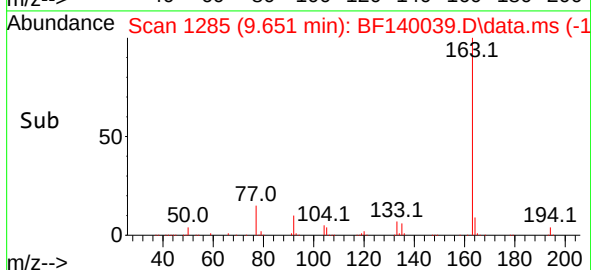
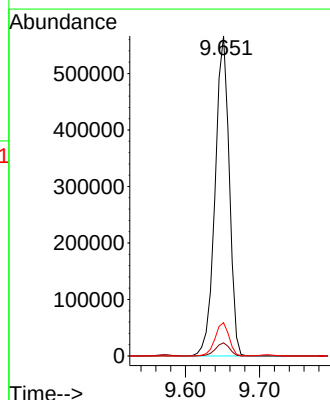
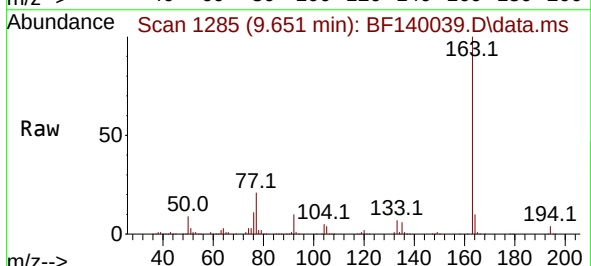
Tgt Ion:163 Resp: 749255

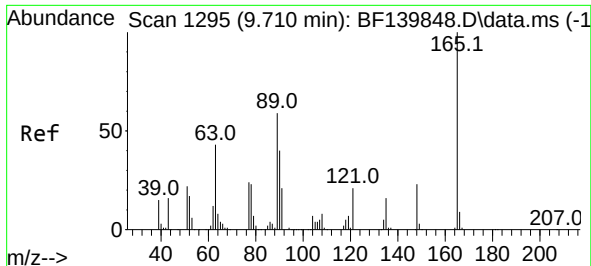
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.4 8.2 12.2

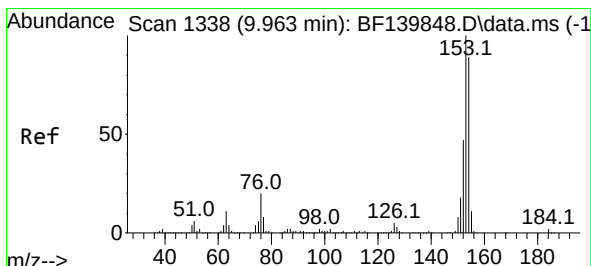
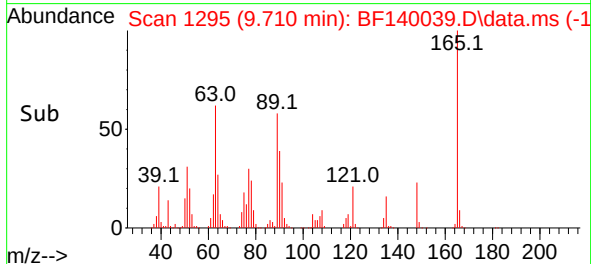
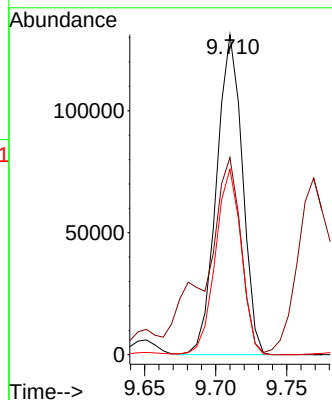
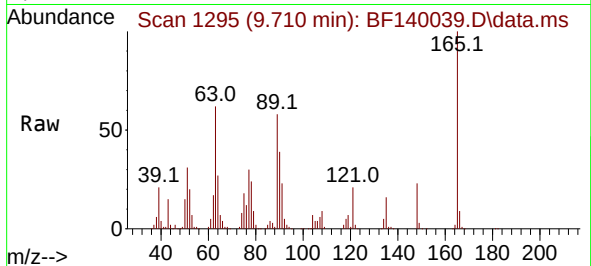




#51
2,6-Dinitrotoluene
Concen: 55.628 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

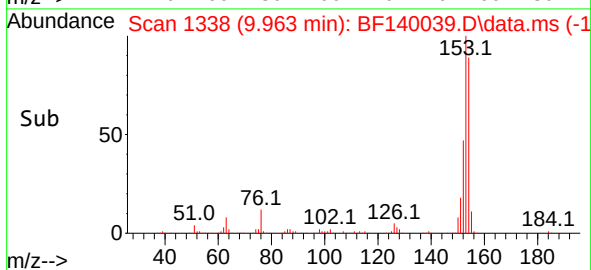
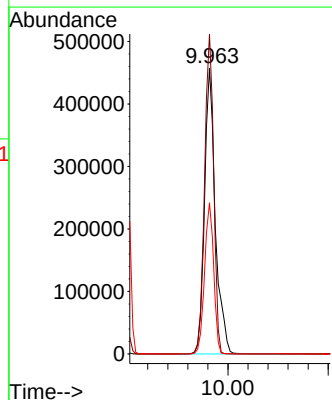
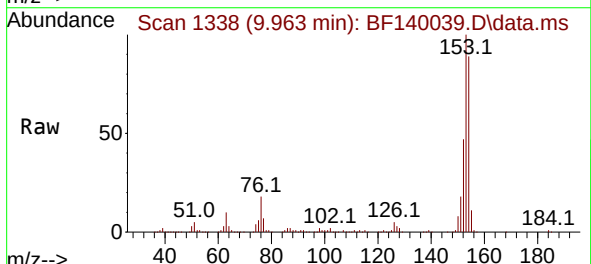
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

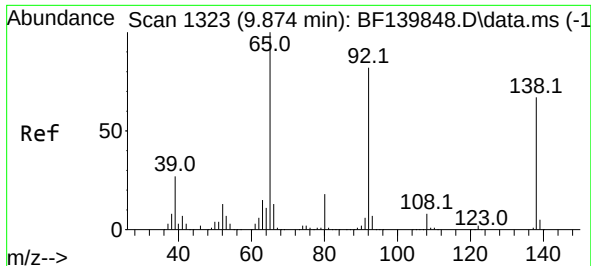
Tgt Ion:165 Resp: 165998
Ion Ratio Lower Upper
165 100
63 61.6 50.6 75.8
89 58.0 47.5 71.3



#52
Acenaphthene
Concen: 58.984 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:154 Resp: 684346
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 52.9 42.4 63.6

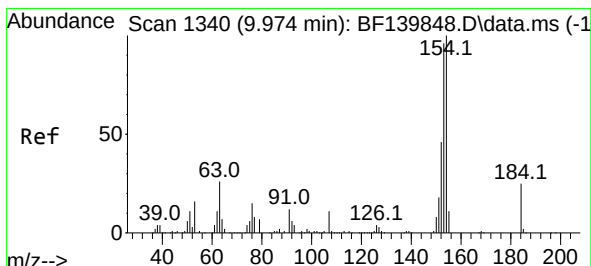
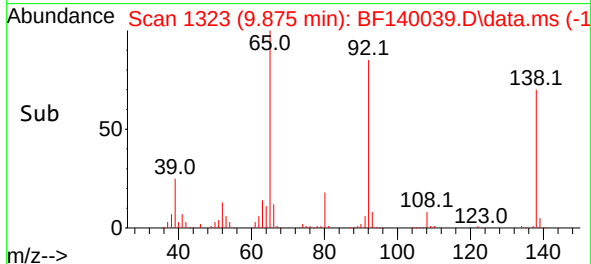
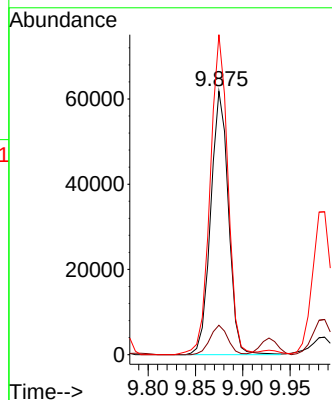
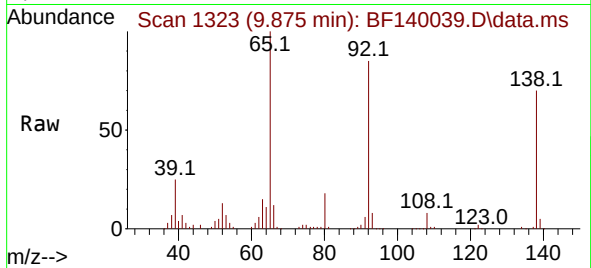




#53
3-Nitroaniline
Concen: 26.111 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

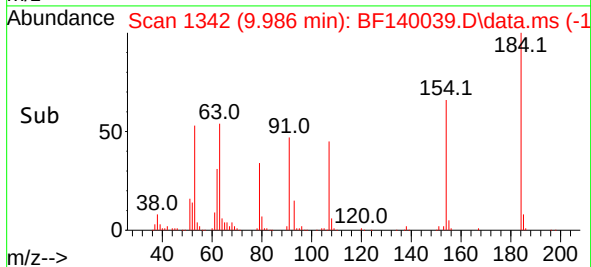
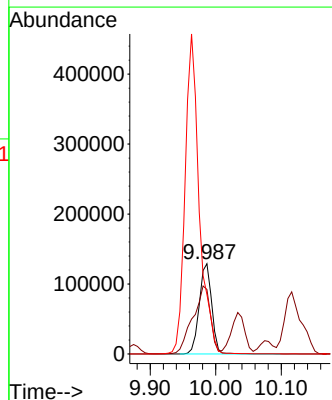
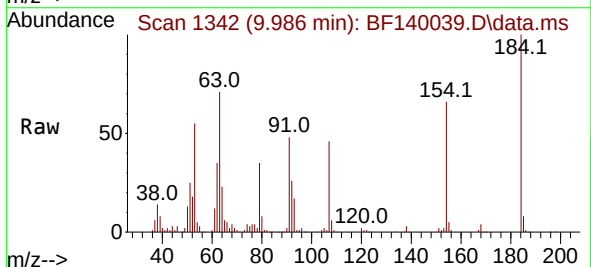
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

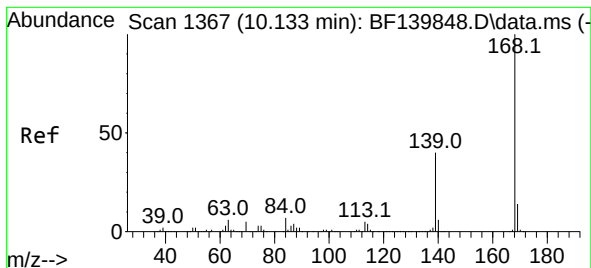
Tgt Ion:138 Resp: 80352
Ion Ratio Lower Upper
138 100
108 11.2 10.2 15.2
92 121.5 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 133.260 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:184 Resp: 171086
Ion Ratio Lower Upper
184 100
63 71.4 84.7 127.1#
154 66.0 338.2 507.2#





#55

Dibenzofuran

Concen: 52.528 ng

RT: 10.134 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

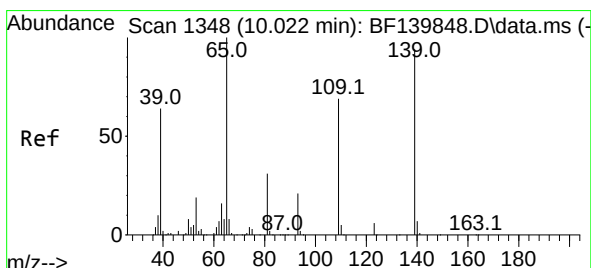
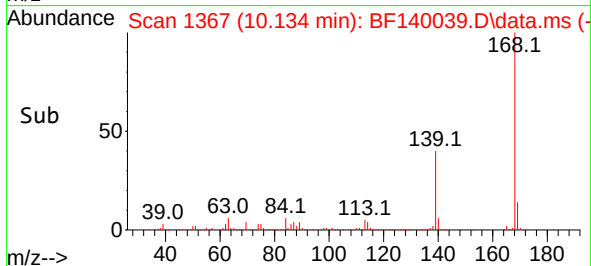
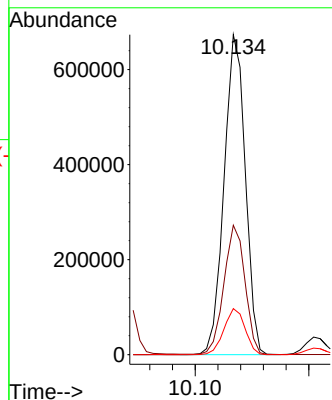
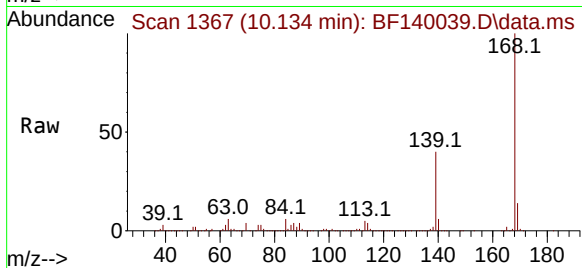
Tgt Ion:168 Resp: 874410

Ion Ratio Lower Upper

168 100

139 40.5 31.8 47.6

169 14.4 11.6 17.4



#56

4-Nitrophenol

Concen: 108.401 ng

RT: 10.034 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

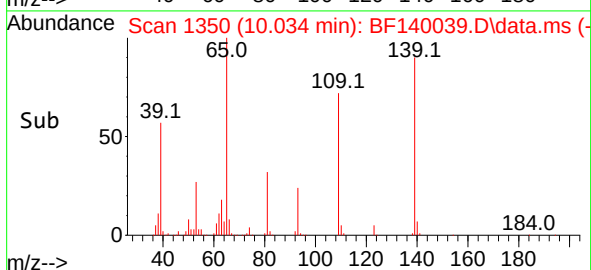
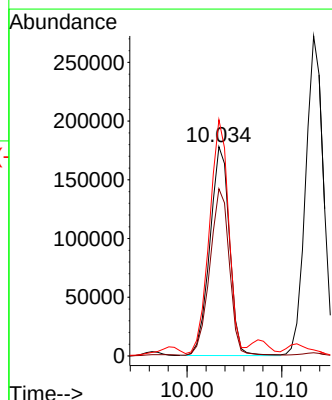
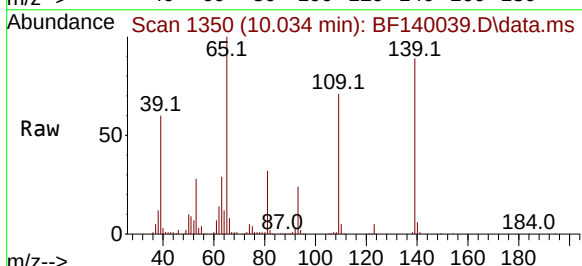
Tgt Ion:139 Resp: 256645

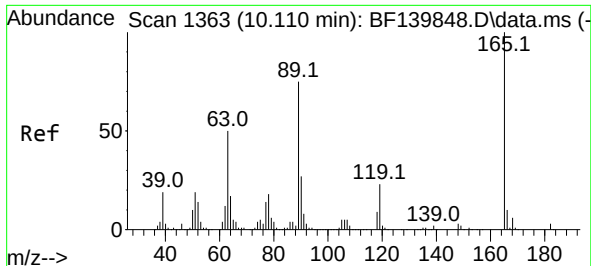
Ion Ratio Lower Upper

139 100

109 80.0 53.6 93.6

65 112.9 87.8 127.8

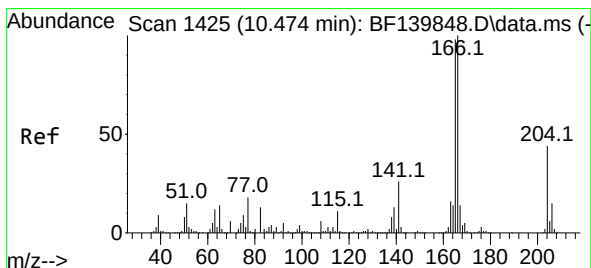
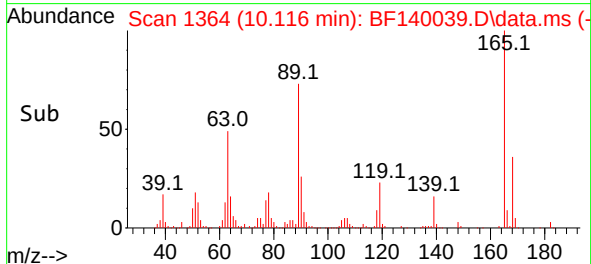
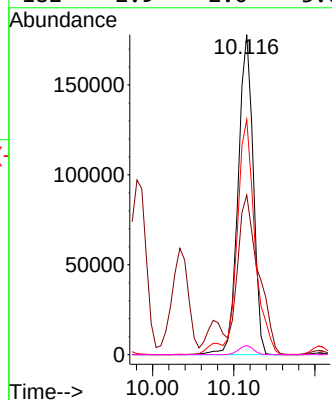
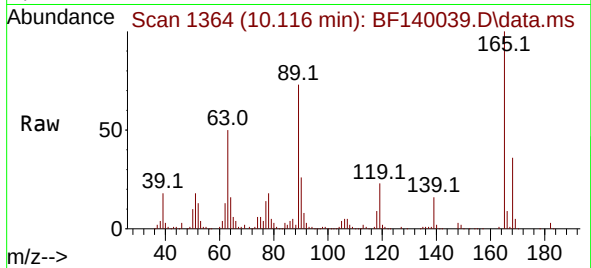




#57
2,4-Dinitrotoluene
Concen: 62.467 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

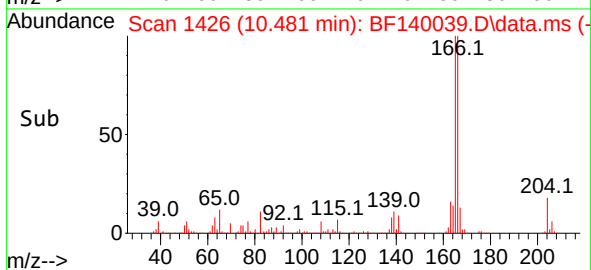
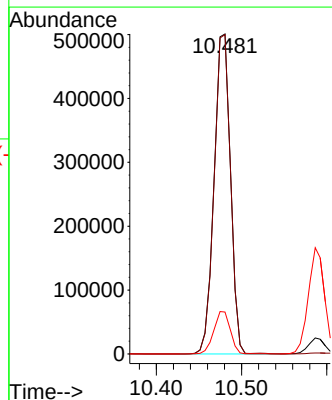
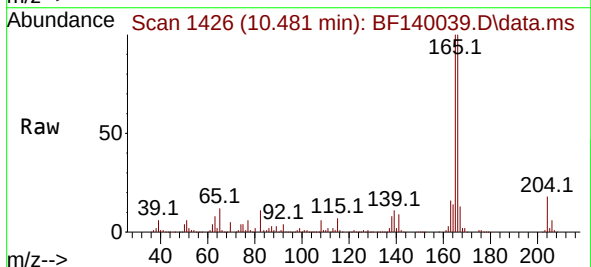
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

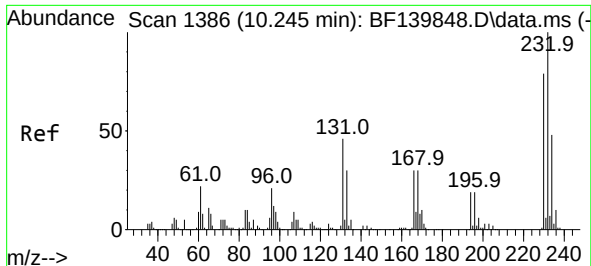
Tgt Ion:165 Resp: 229232
Ion Ratio Lower Upper
165 100
63 49.9 40.1 60.1
89 73.5 60.4 90.6
182 2.9 2.0 3.0



#58
Fluorene
Concen: 52.746 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:166 Resp: 668760
Ion Ratio Lower Upper
166 100
165 99.8 78.5 117.7
167 13.1 10.9 16.3

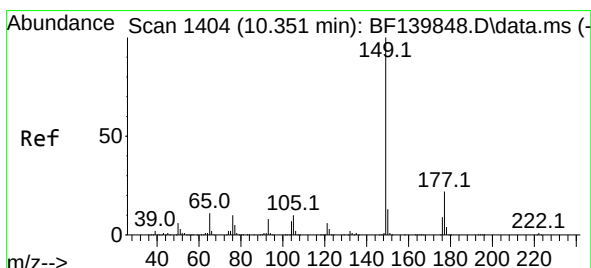
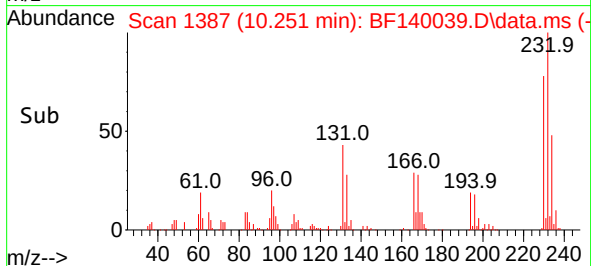
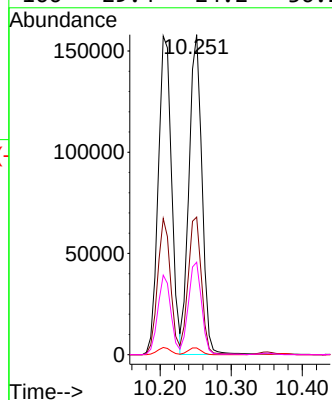
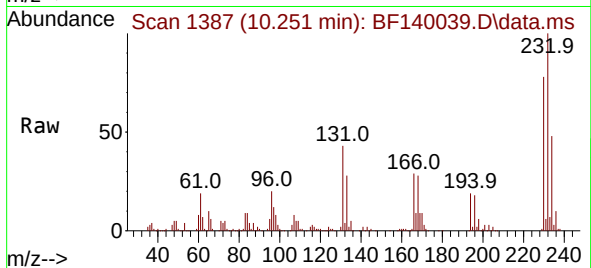




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.758 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

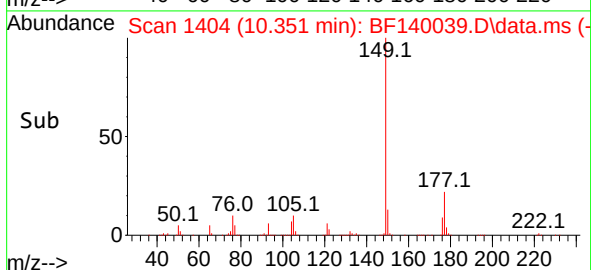
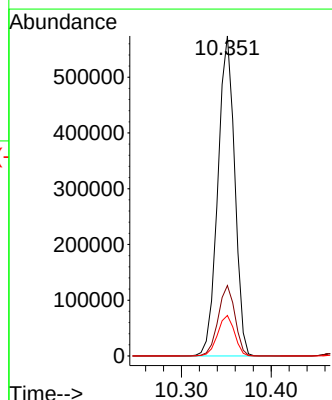
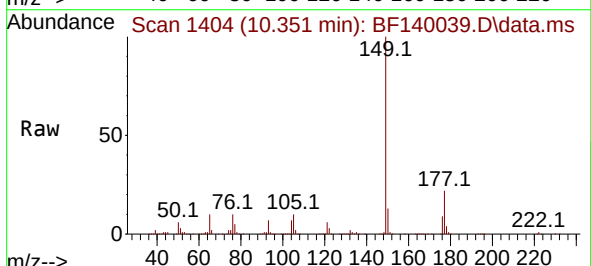
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

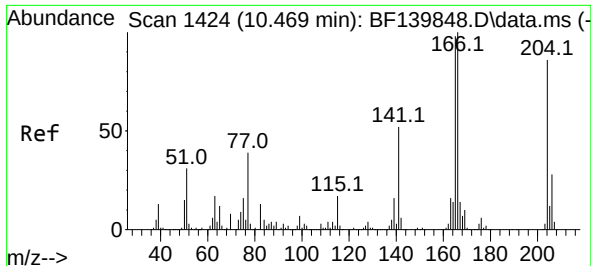
Tgt Ion:232 Resp: 200845
Ion Ratio Lower Upper
232 100
131 44.1 37.0 55.6
130 2.2 1.9 2.9
166 29.4 24.2 36.2



#60
Diethylphthalate
Concen: 55.261 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:149 Resp: 747785
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.7 10.1 15.1

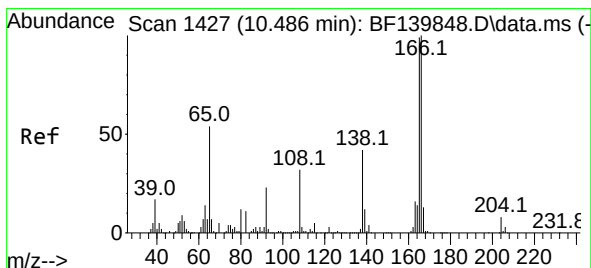
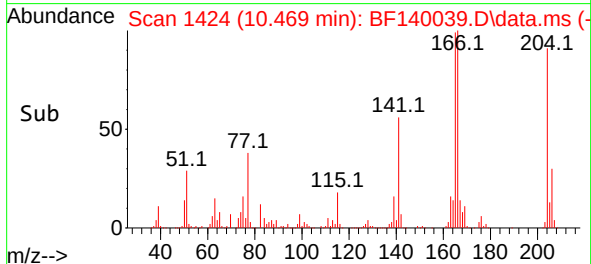
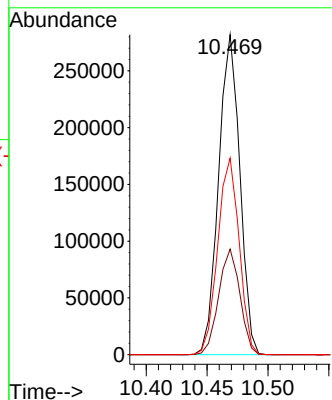
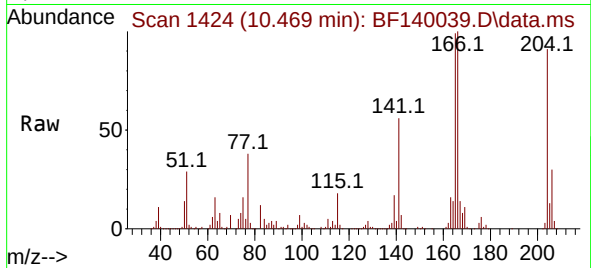




#61
4-Chlorophenyl-phenylether
Concen: 53.542 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

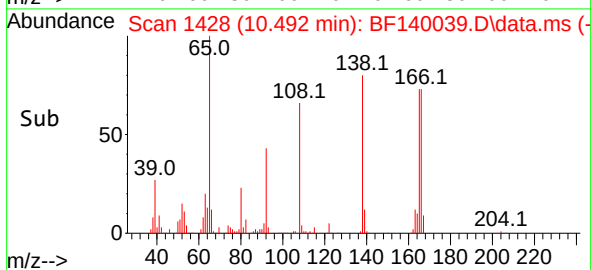
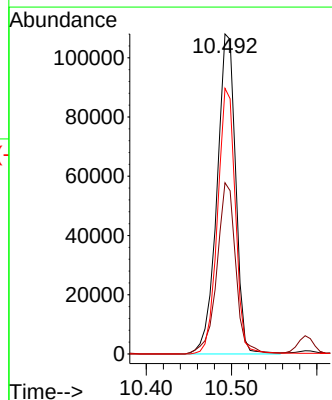
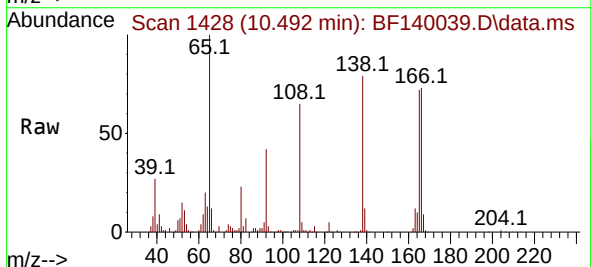
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

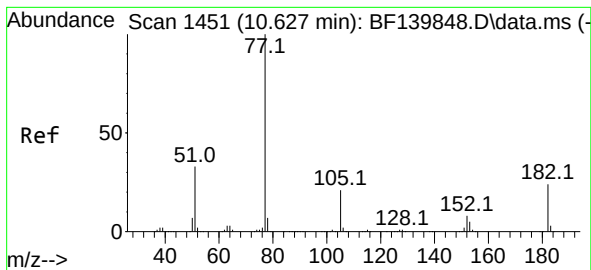
Tgt Ion:204 Resp: 342824
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 61.4 48.6 73.0



#62
4-Nitroaniline
Concen: 56.641 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:138 Resp: 164621
Ion Ratio Lower Upper
138 100
92 53.5 35.7 75.7
108 83.0 57.5 97.5

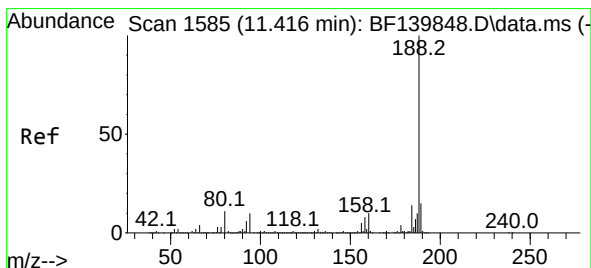
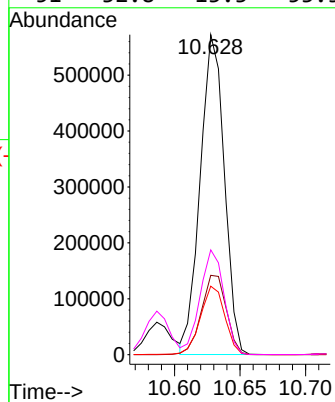
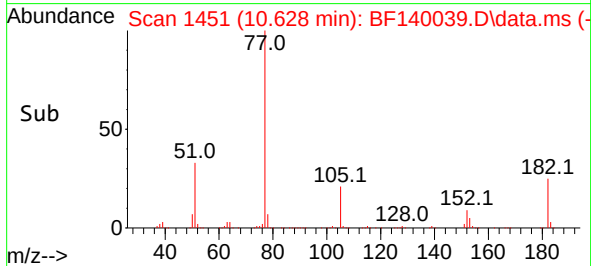
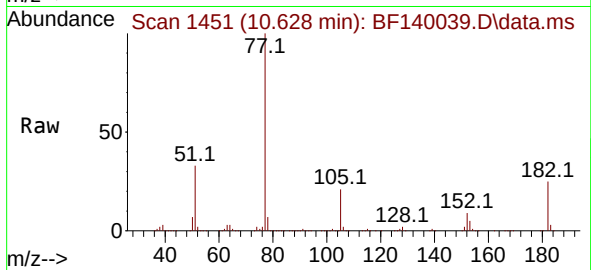




#63
Azobenzene
Concen: 51.107 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

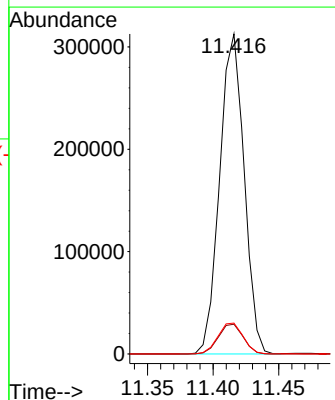
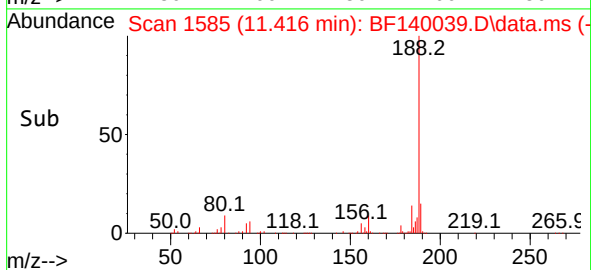
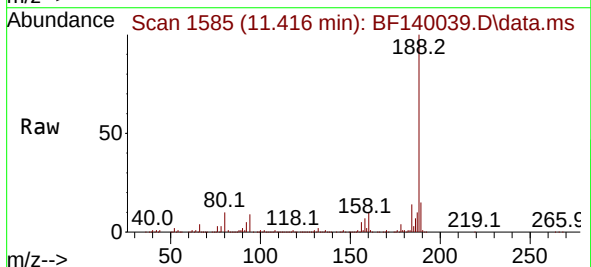
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

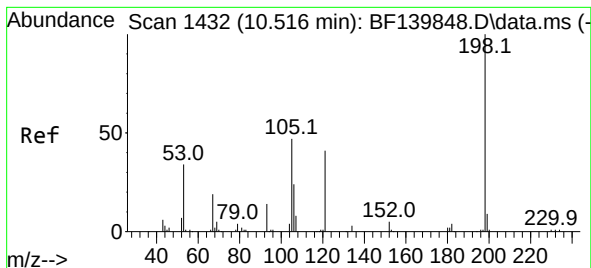
Tgt Ion: 77	Resp: 733181
Ion Ratio	Lower Upper
77 100	
182 24.8	3.3 43.3
105 21.4	1.2 41.2
51 32.8	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:188	Resp: 405556
Ion Ratio	Lower Upper
188 100	
94 9.3	7.9 11.9
80 9.7	9.0 13.4

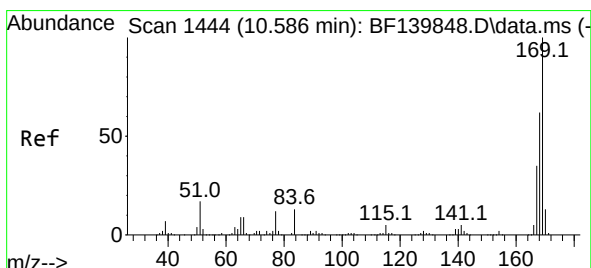
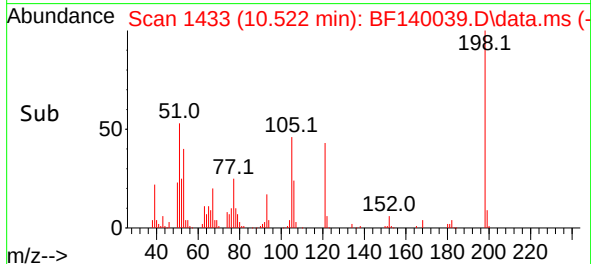
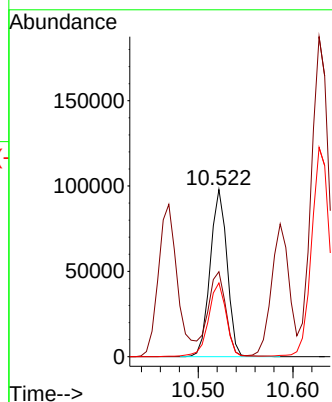
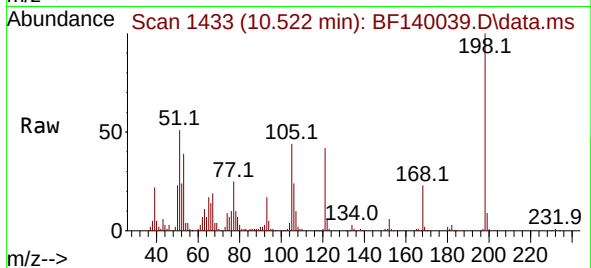




#65
4,6-Dinitro-2-methylphenol
Concen: 73.219 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

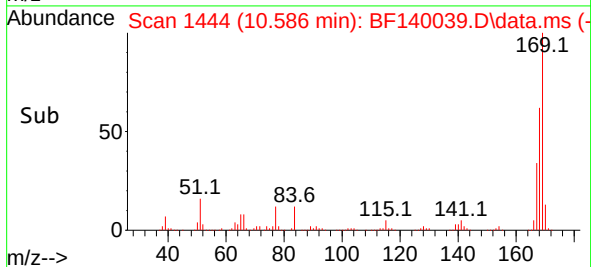
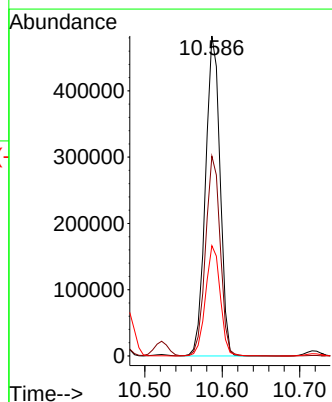
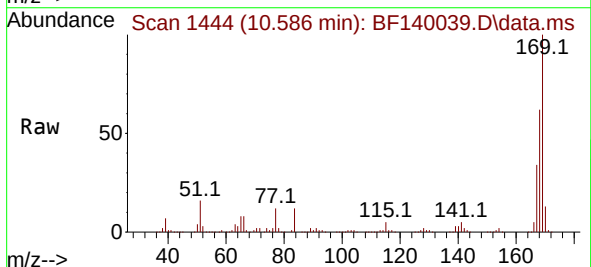
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

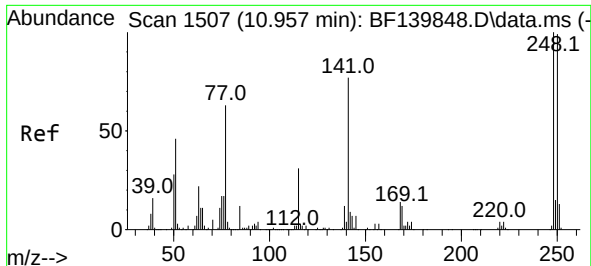
Tgt Ion:198 Resp: 121122
Ion Ratio Lower Upper
198 100
51 50.9 38.2 78.2
105 44.1 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 51.890 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:169 Resp: 629850
Ion Ratio Lower Upper
169 100
168 62.5 49.8 74.6
167 34.4 28.0 42.0

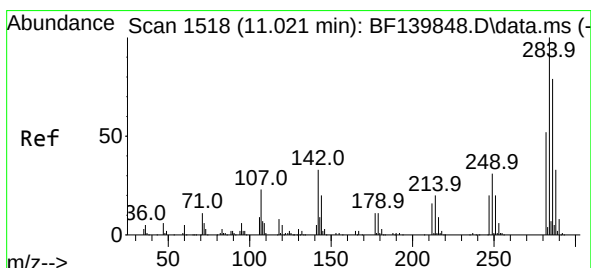
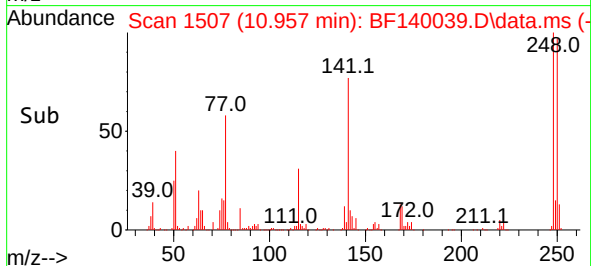
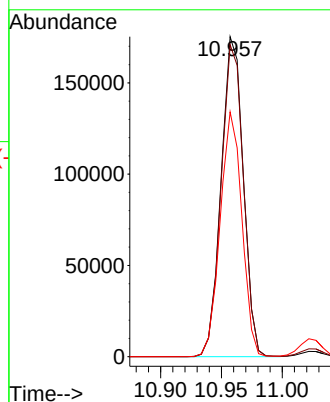
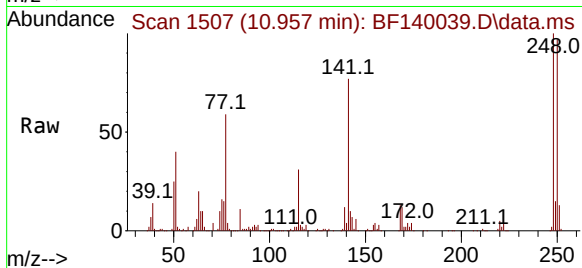




#67
4-Bromophenyl-phenylether
Concen: 53.166 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

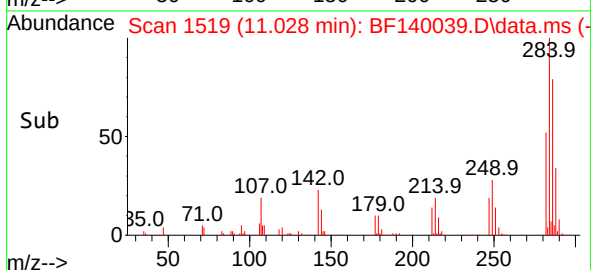
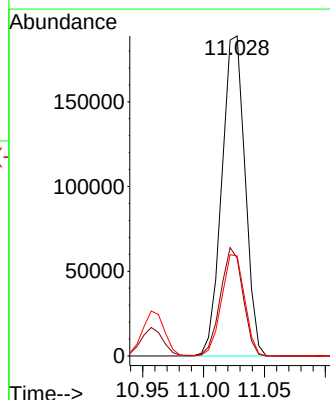
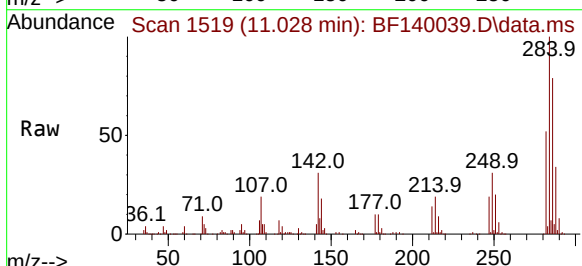
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

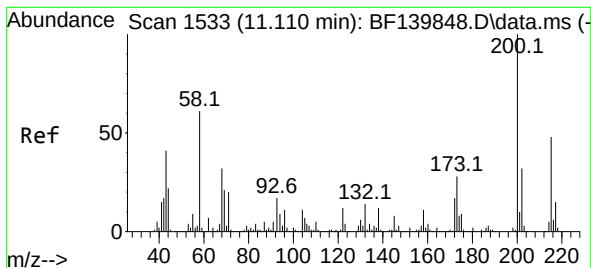
Tgt Ion:248 Resp: 222127
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.6
141 76.5 61.7 92.5



#68
Hexachlorobenzene
Concen: 53.333 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:284 Resp: 250605
Ion Ratio Lower Upper
284 100
142 30.5 26.9 40.3
249 31.3 25.3 37.9





#69

Atrazine

Concen: 49.727 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

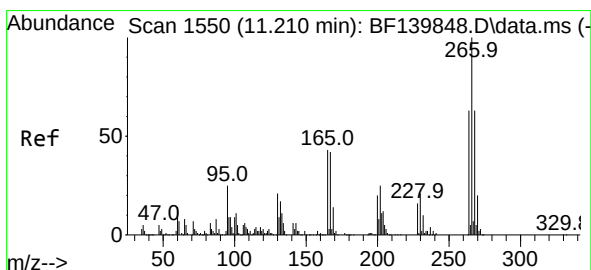
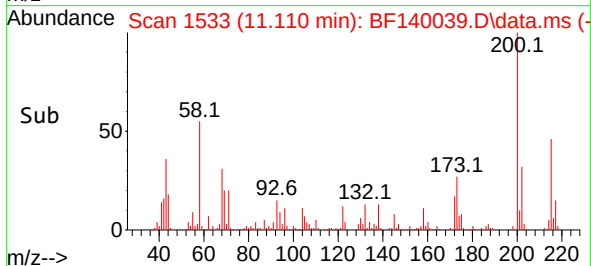
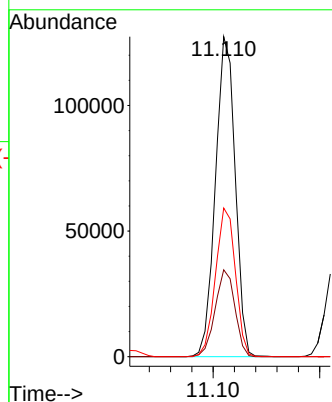
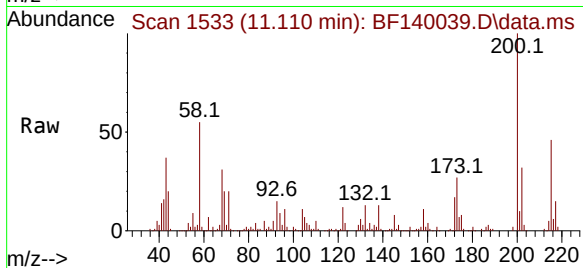
Tgt Ion:200 Resp: 163505

Ion Ratio Lower Upper

200 100

173 27.2 7.7 47.7

215 46.5 27.7 67.7



#70

Pentachlorophenol

Concen: 108.790 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

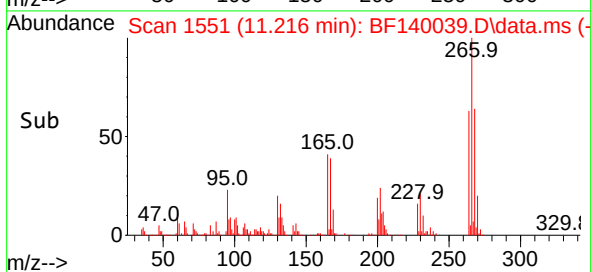
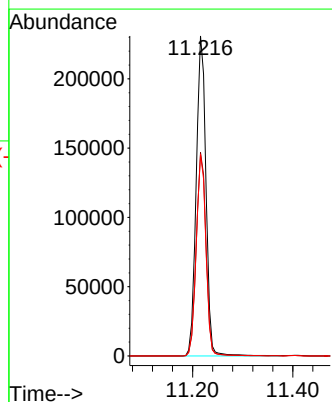
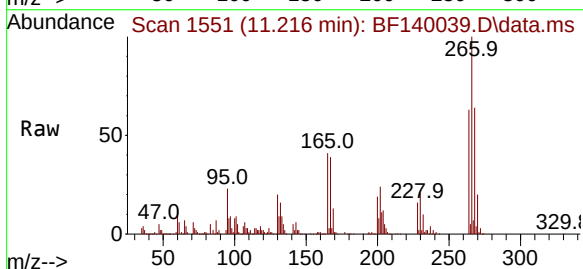
Tgt Ion:266 Resp: 310243

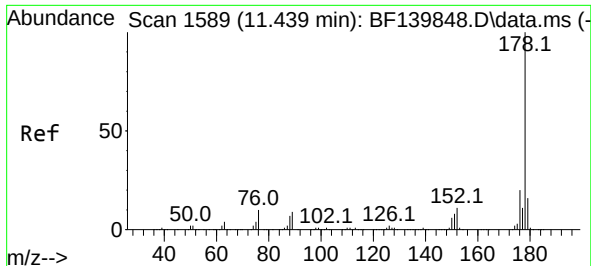
Ion Ratio Lower Upper

266 100

268 63.6 50.4 75.6

264 63.0 50.6 75.8

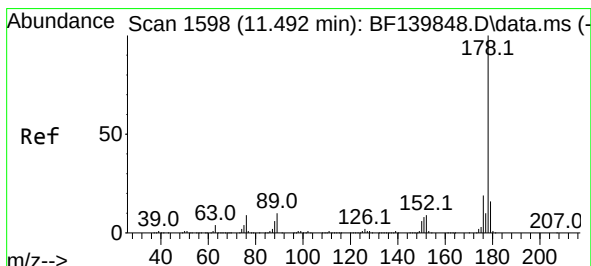
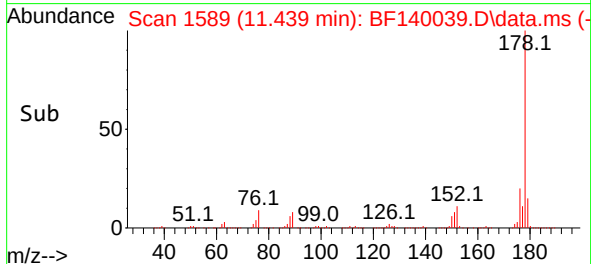
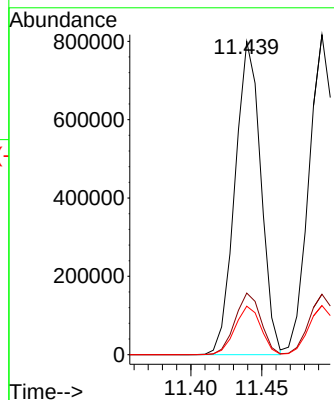
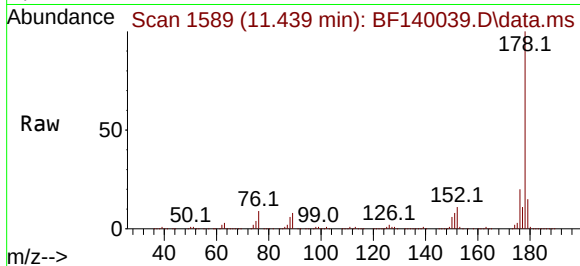




#71
Phenanthrene
Concen: 52.871 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

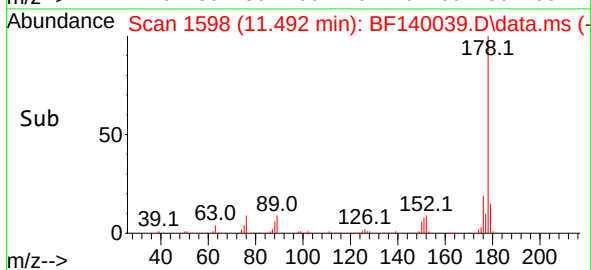
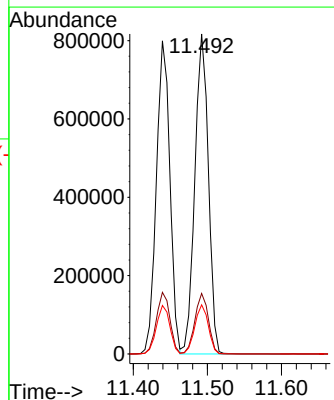
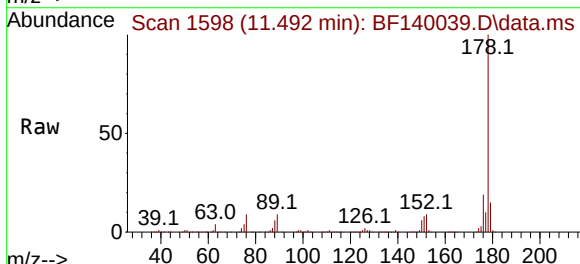
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

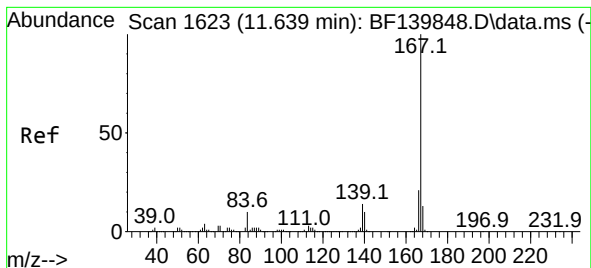
Tgt Ion:178 Resp: 1012838
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.5 12.6 18.8



#72
Anthracene
Concen: 55.377 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:178 Resp: 1035040
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.4 12.4 18.6





#73

Carbazole

Concen: 51.087 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

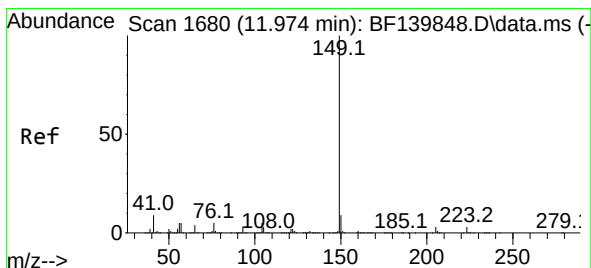
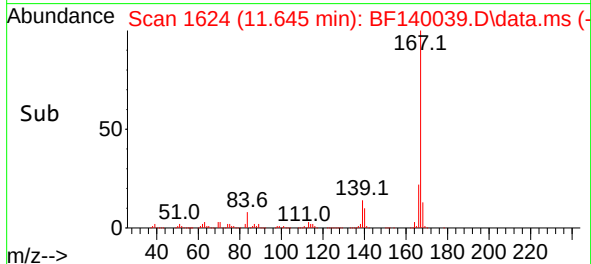
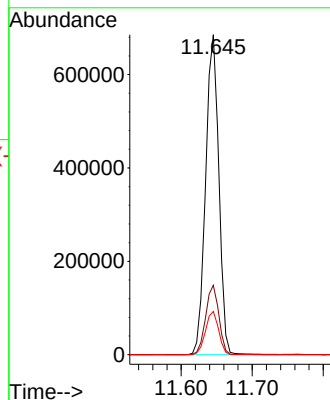
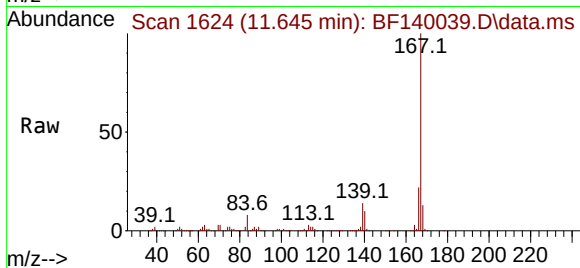
Tgt Ion:167 Resp: 888049

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 13.5 10.8 16.2



#74

Di-n-butylphthalate

Concen: 56.366 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

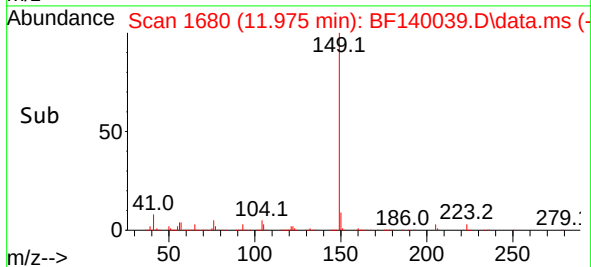
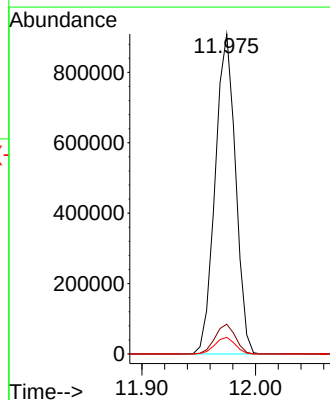
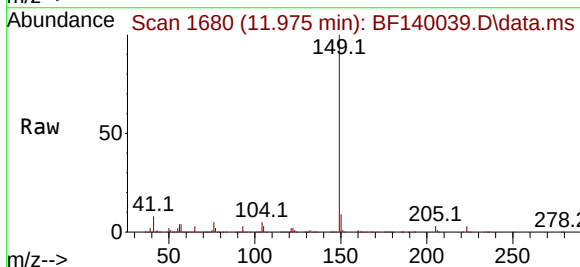
Tgt Ion:149 Resp: 1131999

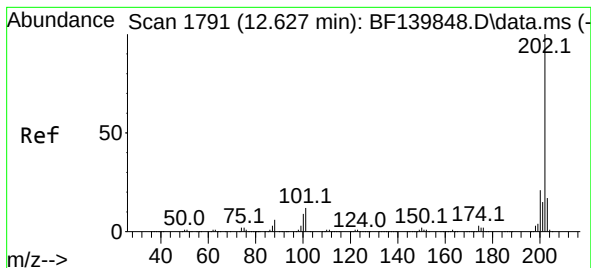
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 50.583 ng

RT: 12.628 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

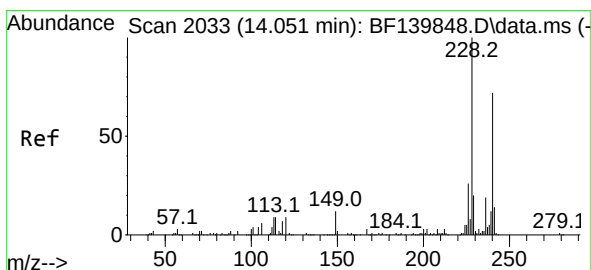
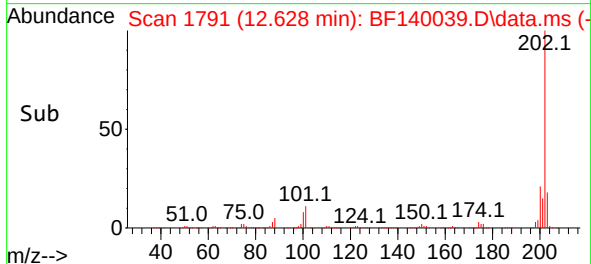
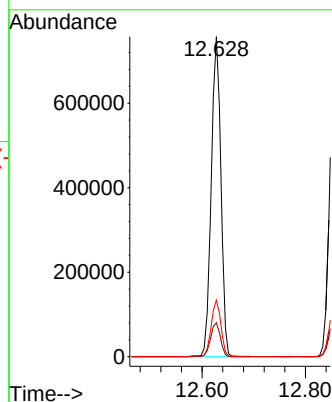
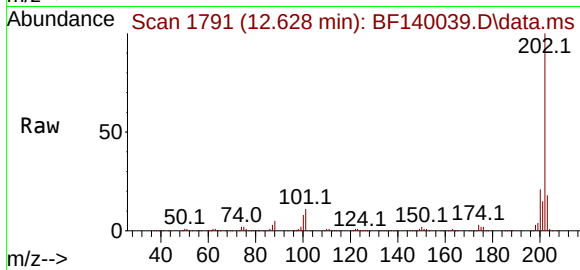
Tgt Ion:202 Resp: 979598

Ion Ratio Lower Upper

202 100

101 10.6 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: BF140039.D

Acq: 25 Oct 2024 16:01

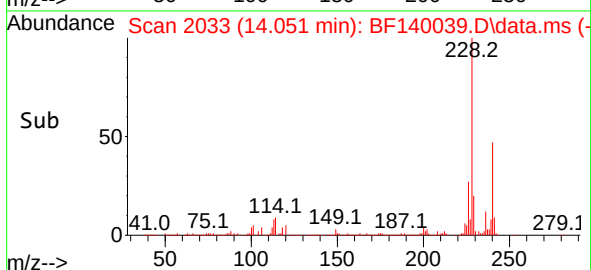
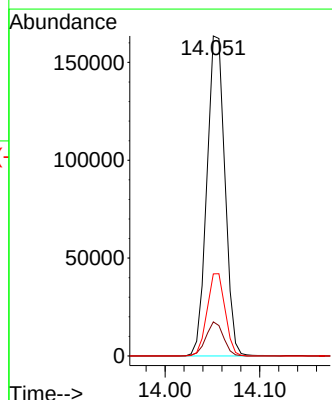
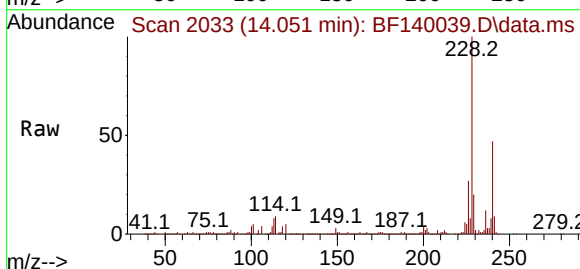
Tgt Ion:240 Resp: 215222

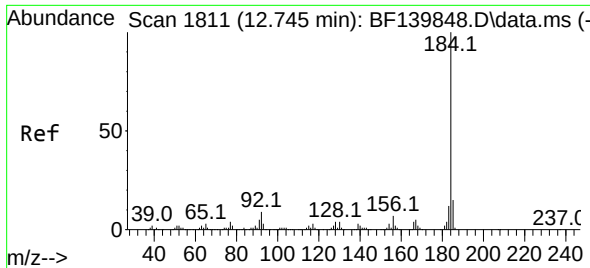
Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 25.7 20.9 31.3

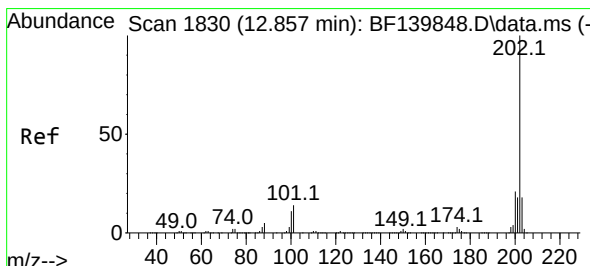
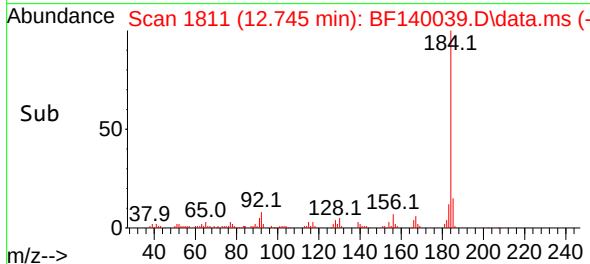
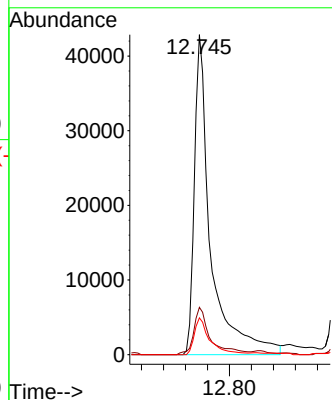
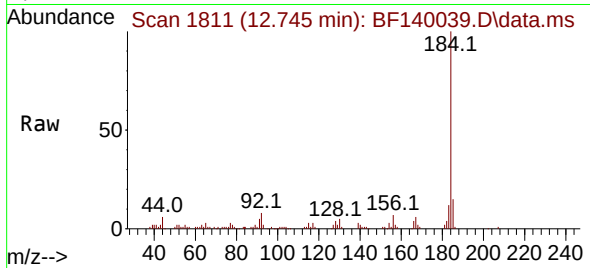




#77
Benzidine
Concen: 24.982 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

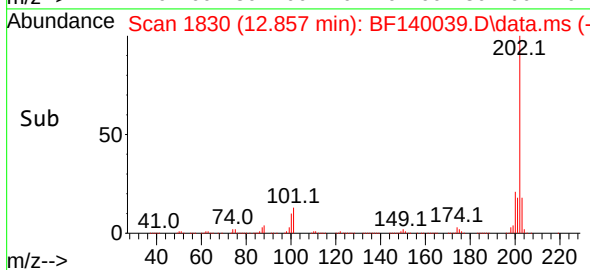
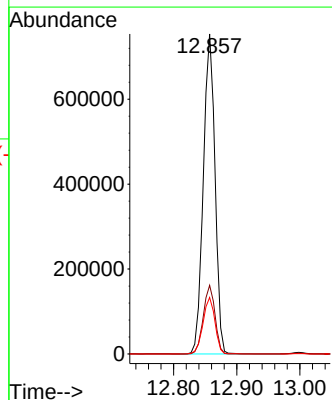
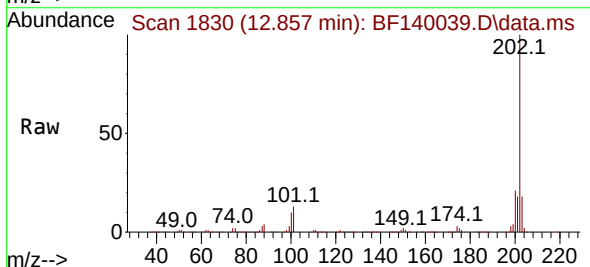
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

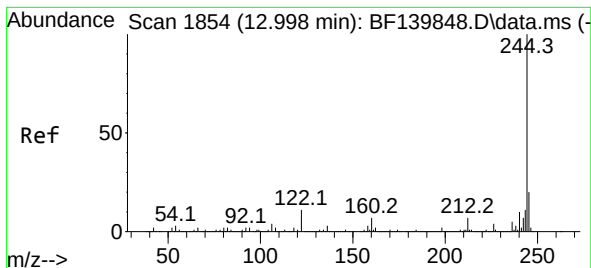
Tgt Ion:184 Resp: 88412
Ion Ratio Lower Upper
184 100
185 14.8 12.0 18.0
183 11.5 9.4 14.2



#78
Pyrene
Concen: 51.539 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:202 Resp: 970952
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 109.122 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

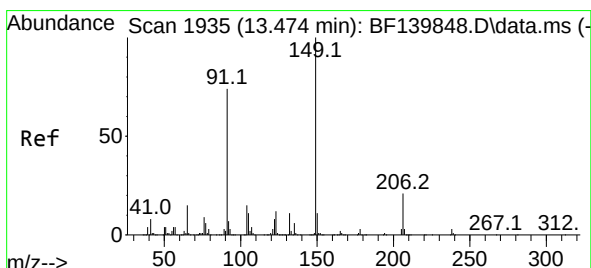
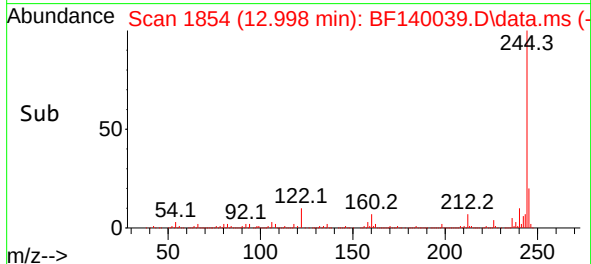
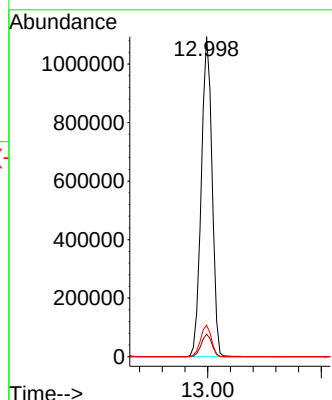
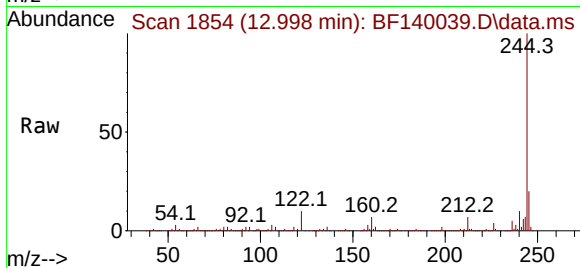
Tgt Ion:244 Resp: 1441289

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.9 8.6 13.0



#80

Butylbenzylphthalate

Concen: 66.356 ng

RT: 13.475 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

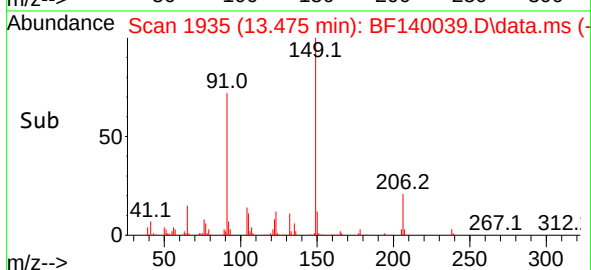
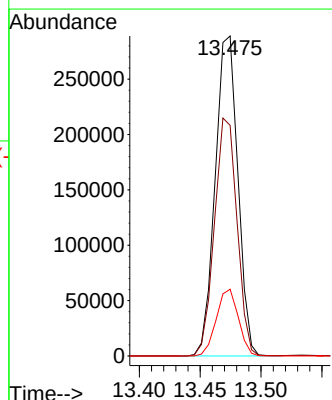
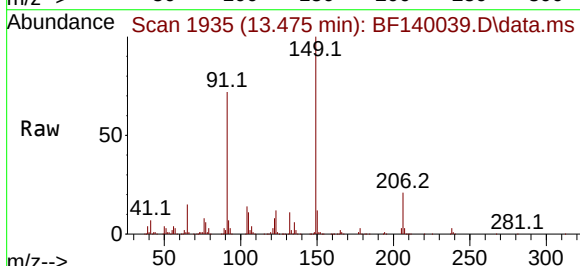
Tgt Ion:149 Resp: 374777

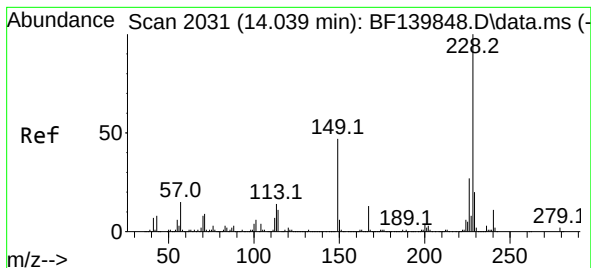
Ion Ratio Lower Upper

149 100

91 72.1 59.4 89.2

206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 54.414 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

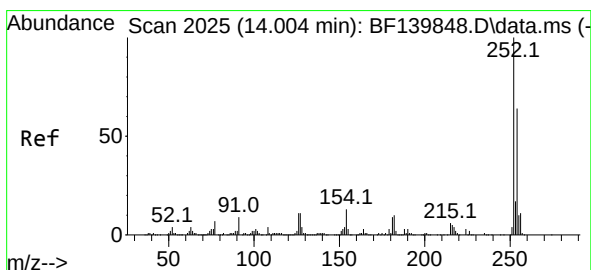
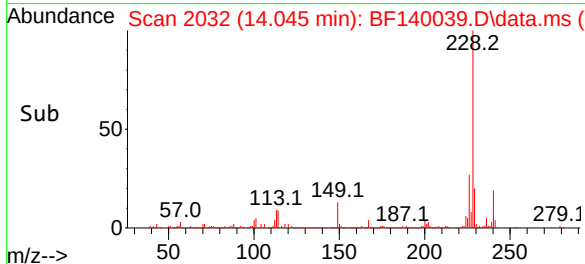
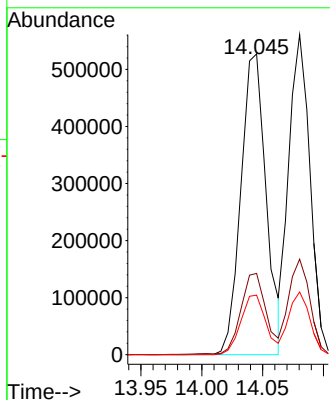
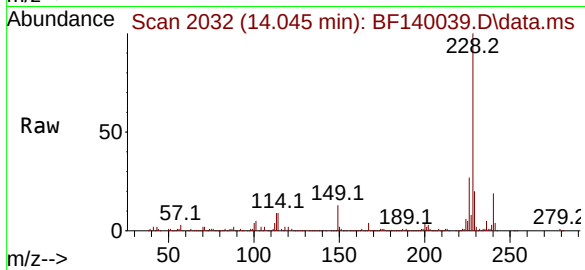
Tgt Ion:228 Resp: 762348

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

229 19.8 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 35.530 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

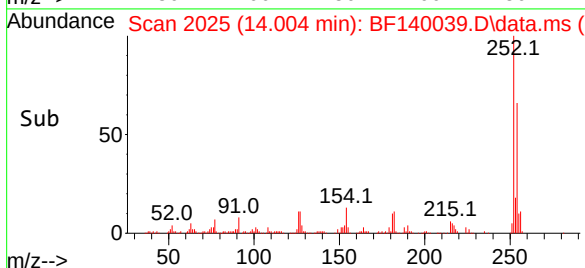
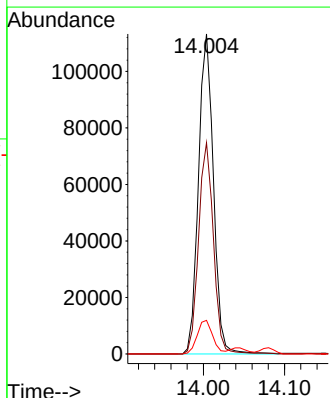
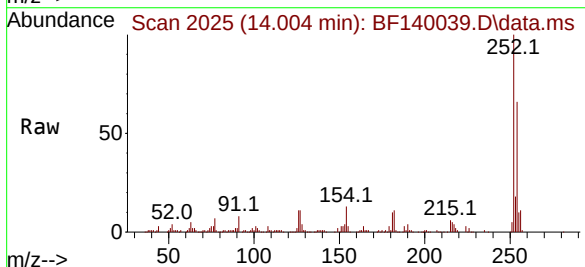
Tgt Ion:252 Resp: 145138

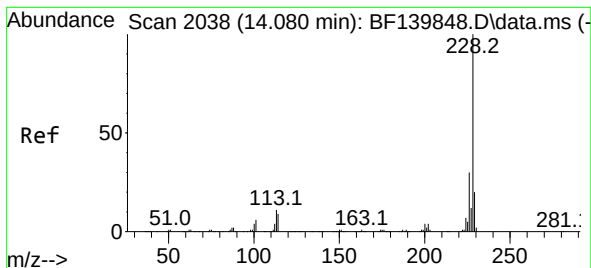
Ion Ratio Lower Upper

252 100

254 66.0 50.8 76.2

126 10.5 8.9 13.3





#83

Chrysene

Concen: 53.205 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

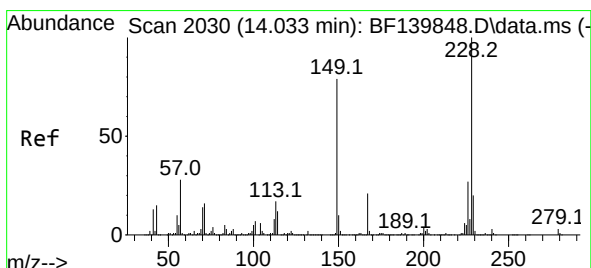
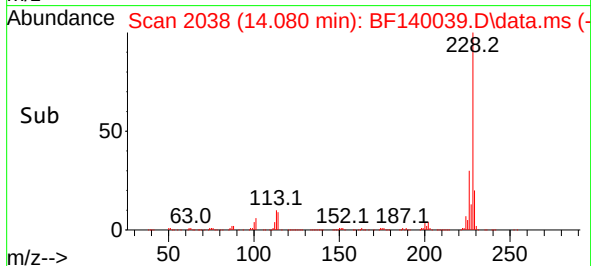
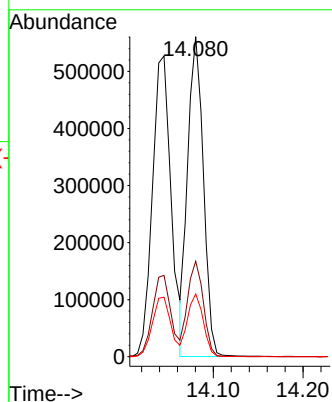
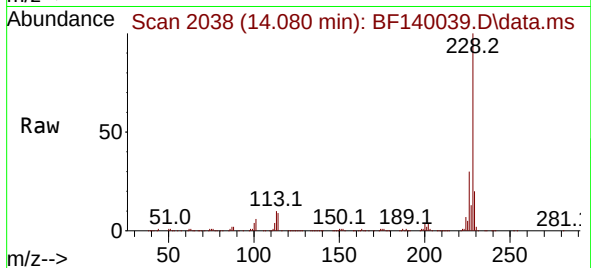
Tgt Ion:228 Resp: 683451

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.330 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

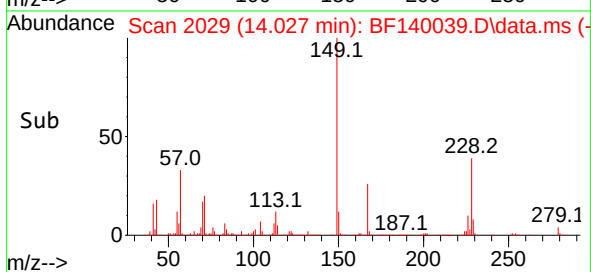
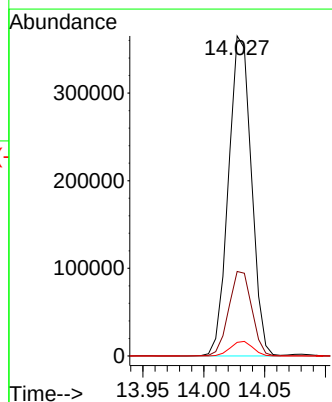
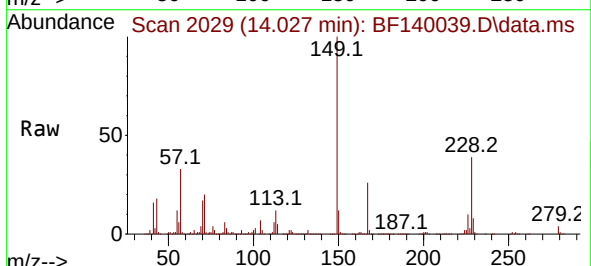
Tgt Ion:149 Resp: 477345

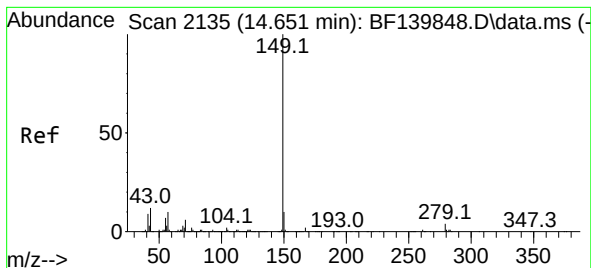
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 66.598 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

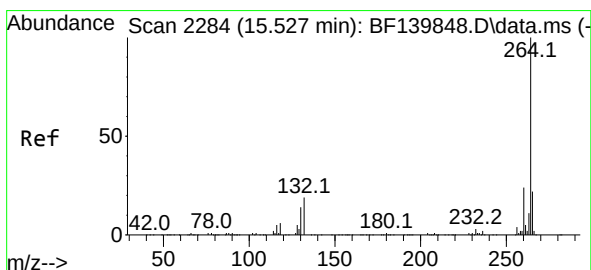
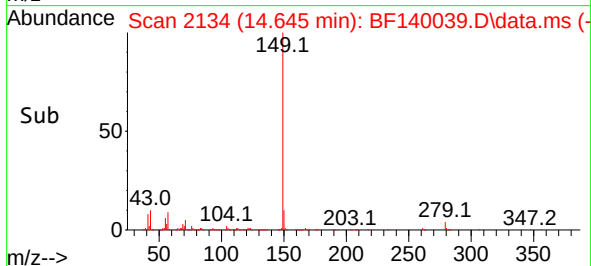
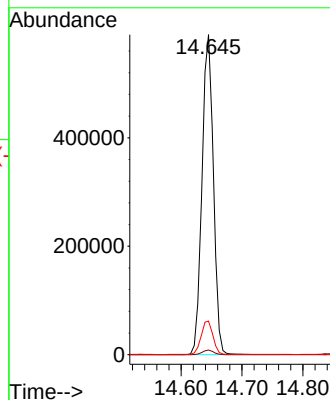
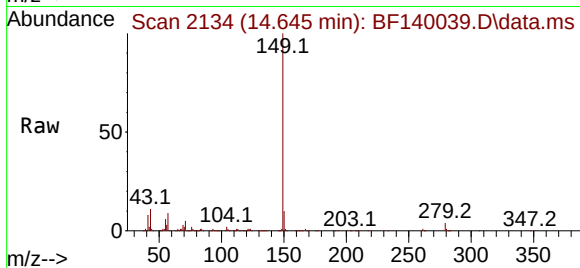
Tgt Ion:149 Resp: 767600

Ion Ratio Lower Upper

149 100

167 1.4 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: BF140039.D

Acq: 25 Oct 2024 16:01

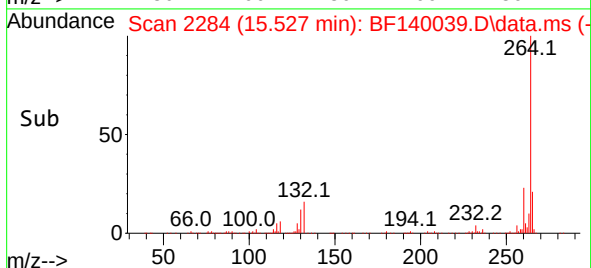
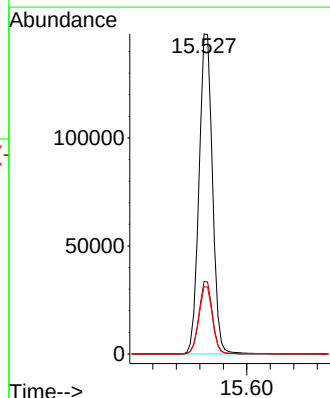
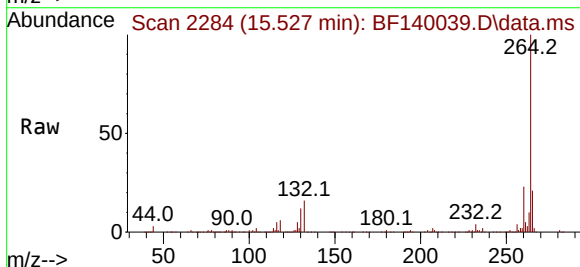
Tgt Ion:264 Resp: 234806

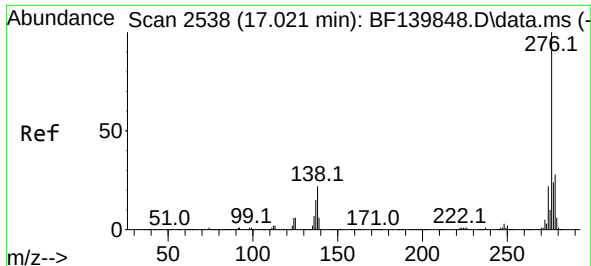
Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.2

265 21.0 17.4 26.0

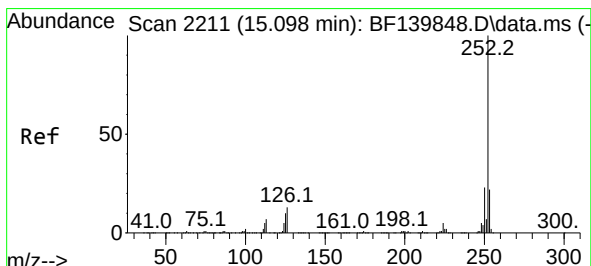
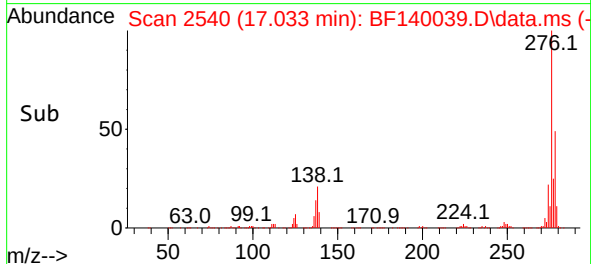
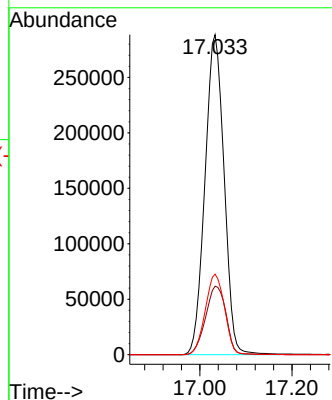
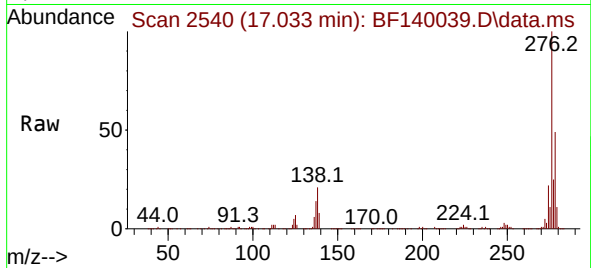




#87
Indeno(1,2,3-cd)pyrene
Concen: 55.226 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

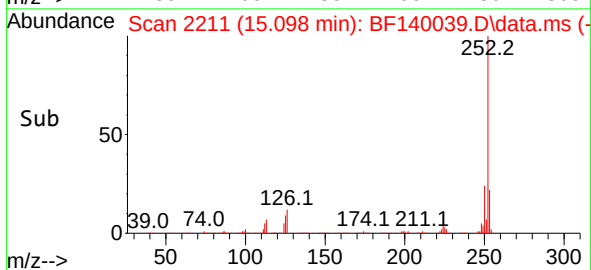
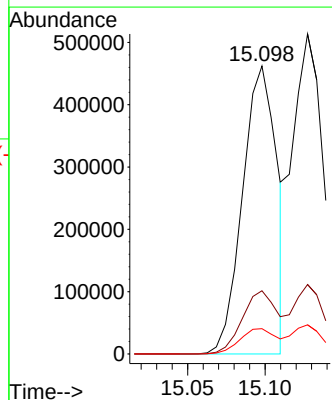
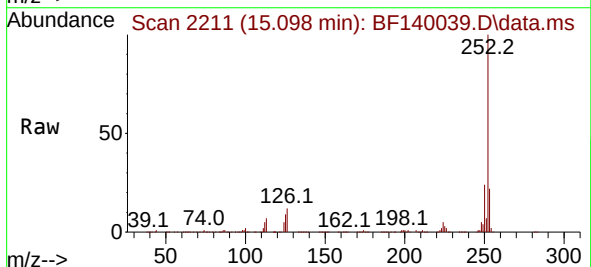
Instrument :
BNA_F
ClientSampleId :
BP-B5MS

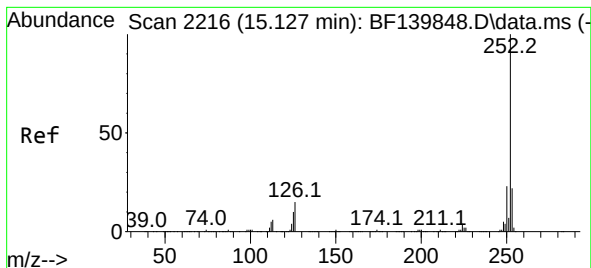
Tgt Ion:276 Resp: 834226
Ion Ratio Lower Upper
276 100
138 22.9 20.4 30.6
277 25.4 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 49.580 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:252 Resp: 709159
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 58.022 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

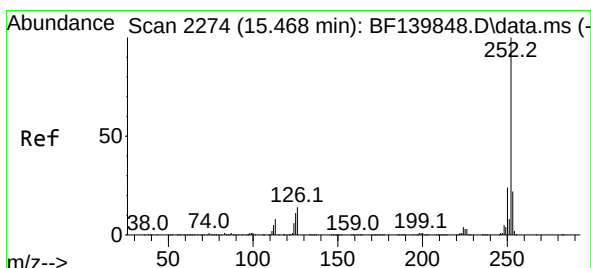
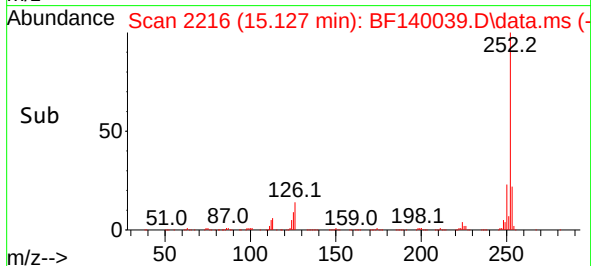
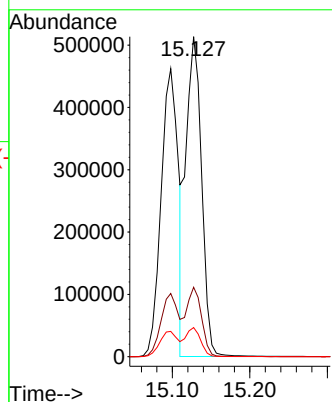
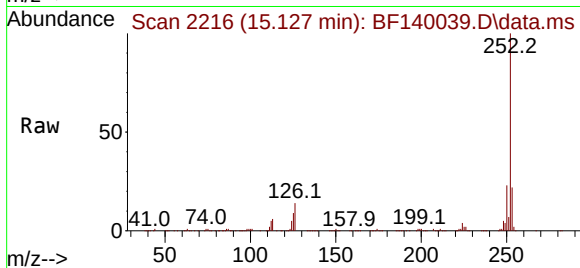
Tgt Ion:252 Resp: 715735

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 9.1 7.9 11.9



#90

Benzo(a)pyrene

Concen: 58.103 ng

RT: 15.469 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

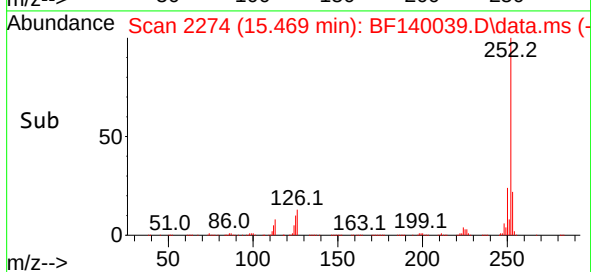
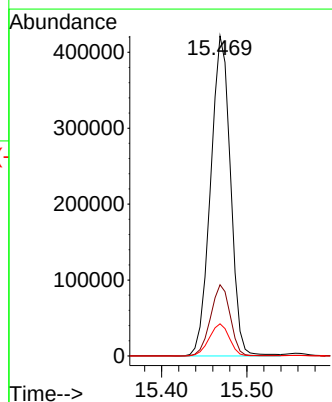
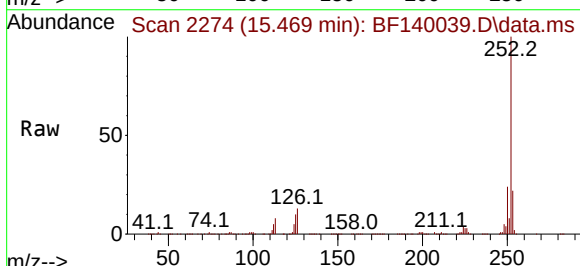
Tgt Ion:252 Resp: 683836

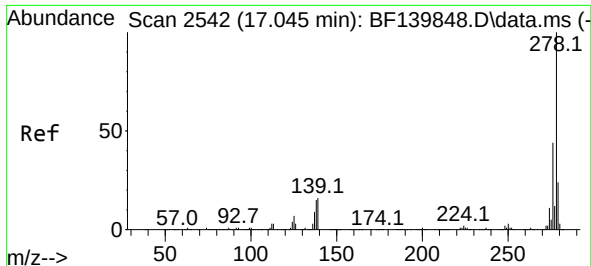
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 10.0 8.7 13.1

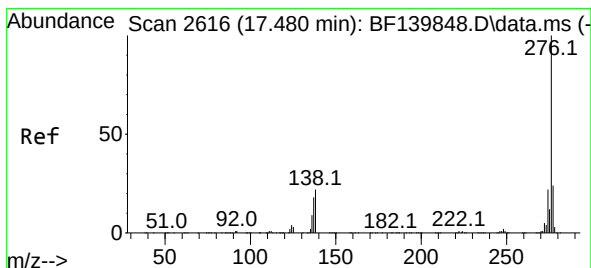
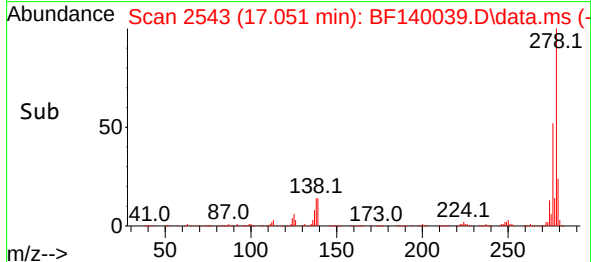
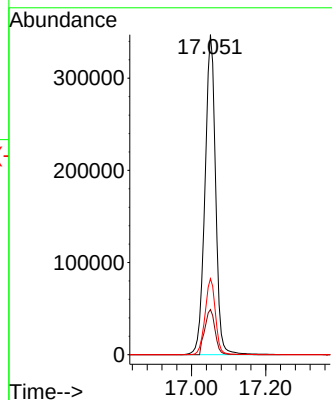
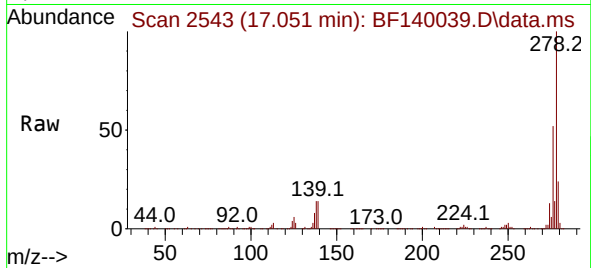




#91
Dibenzo(a,h)anthracene
Concen: 54.755 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS

Tgt Ion:278 Resp: 689989
Ion Ratio Lower Upper
278 100
139 14.1 13.1 19.7
279 23.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 48.108 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:276 Resp: 605548
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 19.7 17.4 26.0

