

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139919.D
 Acq On : 22 Oct 2024 10:36
 Operator : RC/JU
 Sample : PB164152BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164152BS

Quant Time: Oct 22 11:16:18 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	162299	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	620667	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	346872	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	608883	20.000	ng	0.00
76) Chrysene-d12	14.057	240	289688	20.000	ng	0.00
86) Perylene-d12	15.533	264	337140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1202568	115.996	ng	0.02
7) Phenol-d6	6.516	99	1528819	113.859	ng	0.00
23) Nitrobenzene-d5	7.451	82	977202	87.261	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	438174	135.050	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1732329	82.538	ng	0.00
79) Terphenyl-d14	12.998	244	1754305	98.679	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	155436	32.157	ng	95
3) Pyridine	3.499	79	420236	35.074	ng	98
4) n-Nitrosodimethylamine	3.446	42	249731	38.795	ng	99
6) Aniline	6.551	93	535442	42.787	ng	99
8) 2-Chlorophenol	6.675	128	465814	43.951	ng	98
9) Benzaldehyde	6.440	77	119091	15.766	ng	97
10) Phenol	6.528	94	601712	43.467	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	446295	41.711	ng	99
12) 1,3-Dichlorobenzene	6.834	146	493989	40.603	ng	99
13) 1,4-Dichlorobenzene	6.910	146	494149	40.654	ng	99
14) 1,2-Dichlorobenzene	7.063	146	484836	42.739	ng	98
15) Benzyl Alcohol	7.028	79	430954	43.754	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	764680	41.914	ng	99
17) 2-Methylphenol	7.134	107	381702	42.236	ng	98
18) Hexachloroethane	7.404	117	178262	41.127	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	337984	41.503	ng	98
20) 3+4-Methylphenols	7.287	107	477574	41.315	ng	97
22) Acetophenone	7.298	105	631706	41.554	ng	100
24) Nitrobenzene	7.475	77	507200	41.309	ng	98
25) Isophorone	7.710	82	915731	43.083	ng	100
26) 2-Nitrophenol	7.787	139	233924	50.502	ng	97
27) 2,4-Dimethylphenol	7.822	122	386639	50.060	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	539456	41.891	ng	99
29) 2,4-Dichlorophenol	8.028	162	385236	43.790	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	404887	41.594	ng	99
31) Naphthalene	8.198	128	1339520	41.847	ng	100
32) Benzoic acid	7.928	122	284313	42.205	ng	98
33) 4-Chloroaniline	8.239	127	281950	25.831	ng	98
34) Hexachlorobutadiene	8.310	225	258253	42.224	ng	100
35) Caprolactam	8.604	113	75822	27.106	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	416587	42.766	ng	97
37) 2-Methylnaphthalene	8.887	142	844451	43.075	ng	100
38) 1-Methylnaphthalene	8.986	142	784005	40.761	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	392703	41.964	ng	99
41) Hexachlorocyclopentadiene	9.039	237	543342	166.866	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	299146	45.151	ng	100

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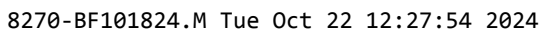
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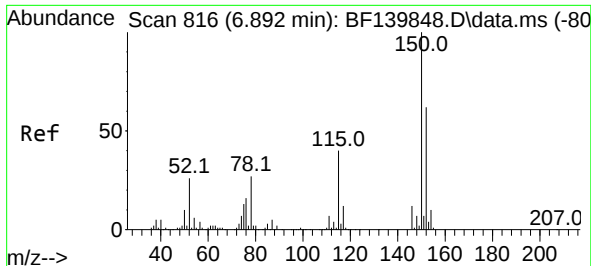
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	291782	42.686	ng	99
46) 1,1'-Biphenyl	9.351	154	1008385	41.760	ng	100
47) 2-Chloronaphthalene	9.375	162	802735	41.275	ng	99
48) 2-Nitroaniline	9.469	65	277241	46.609	ng	95
49) Acenaphthylene	9.792	152	1259069	44.780	ng	99
50) Dimethylphthalate	9.651	163	937743	43.402	ng	100
51) 2,6-Dinitrotoluene	9.710	165	207196	44.290	ng	97
52) Acenaphthene	9.963	154	869838	47.823	ng	99
53) 3-Nitroaniline	9.875	138	157380	32.623	ng	96
54) 2,4-Dinitrophenol	9.986	184	217546	109.321	ng	# 1
55) Dibenzofuran	10.139	168	1119174	42.886	ng	98
56) 4-Nitrophenol	10.034	139	354348	95.471	ng	98
57) 2,4-Dinitrotoluene	10.116	165	283323	49.249	ng	95
58) Fluorene	10.481	166	834937	42.006	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	246385	45.979	ng	97
60) Diethylphthalate	10.351	149	904498	42.637	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	424831	42.323	ng	99
62) 4-Nitroaniline	10.492	138	208188	45.692	ng	98
63) Azobenzene	10.633	77	937600	41.690	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	150094	60.434	ng	92
66) n-Nitrosodiphenylamine	10.586	169	784694	43.059	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	275166	43.868	ng	95
68) Hexachlorobenzene	11.028	284	306517	43.449	ng	97
69) Atrazine	11.116	200	246087	49.850	ng	100
70) Pentachlorophenol	11.216	266	387844	90.586	ng	99
71) Phenanthrene	11.439	178	1252382	43.544	ng	100
72) Anthracene	11.492	178	1266966	45.149	ng	99
73) Carbazole	11.645	167	1109306	42.505	ng	99
74) Di-n-butylphthalate	11.975	149	1290685	42.806	ng	100
75) Fluoranthene	12.627	202	1238050	42.581	ng	100
77) Benzidine	12.745	184	265907	55.822	ng	99
78) Pyrene	12.857	202	1242058	48.982	ng	100
80) Butylbenzylphthalate	13.474	149	370712	48.764	ng	99
81) Benzo(a)anthracene	14.045	228	856782	45.434	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	194348	35.347	ng	99
83) Chrysene	14.080	228	779473	45.082	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	424096	49.723	ng	99
85) Di-n-octyl phthalate	14.645	149	794552	51.216	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1078125	49.708	ng	99
88) Benzo(b)fluoranthene	15.098	252	881907	42.942	ng	99
89) Benzo(k)fluoranthene	15.127	252	693694	39.166	ng	100
90) Benzo(a)pyrene	15.468	252	789113	46.697	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	890134	49.196	ng	99
92) Benzo(g,h,i)perylene	17.486	276	846268	46.825	ng	99

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

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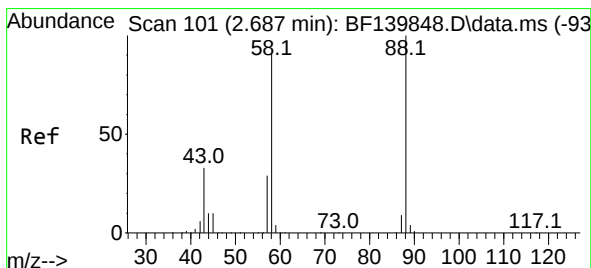
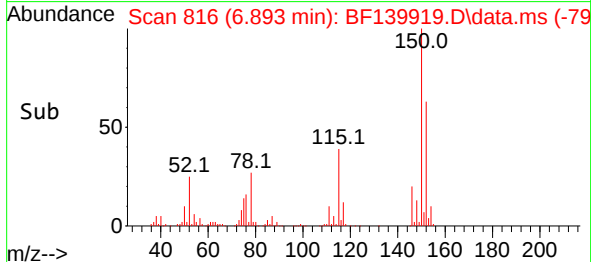
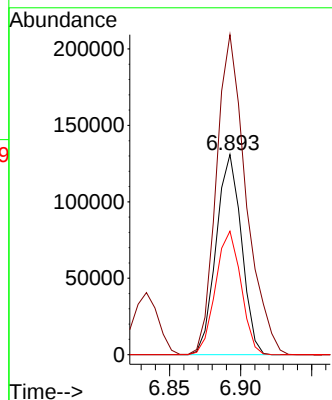
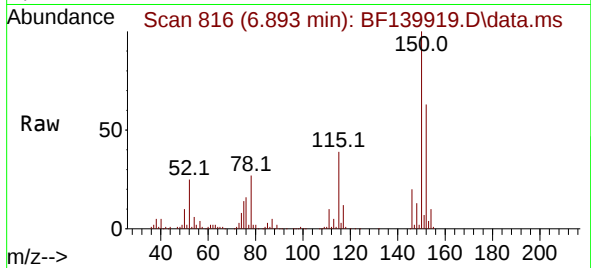




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

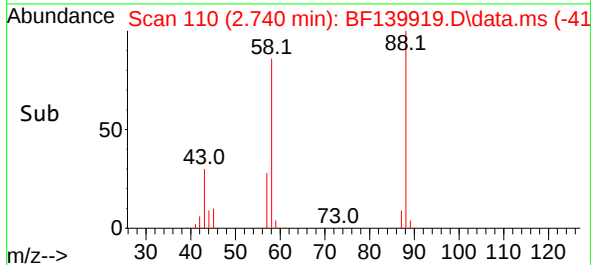
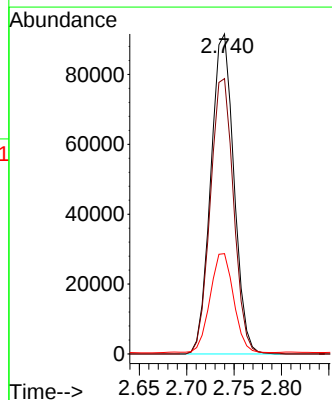
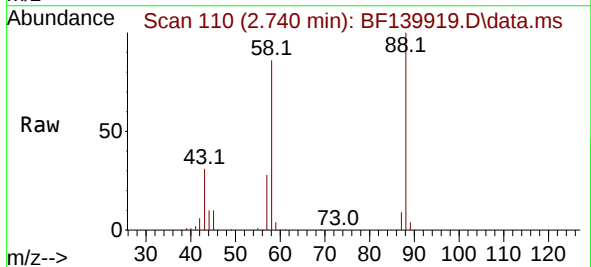
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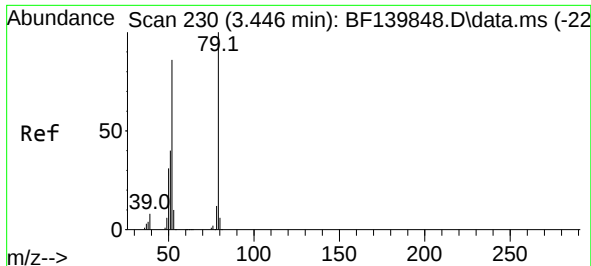
Tgt Ion:152 Resp: 162299
Ion Ratio Lower Upper
152 100
150 159.9 130.2 195.2
115 61.7 51.4 77.2



#2
1,4-Dioxane
Concen: 32.157 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.053 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion: 88 Resp: 155436
Ion Ratio Lower Upper
88 100
58 86.7 73.3 109.9
43 31.9 27.1 40.7





#3

Pyridine

Concen: 35.074 ng

RT: 3.499 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

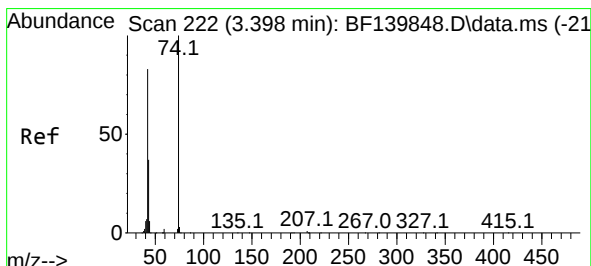
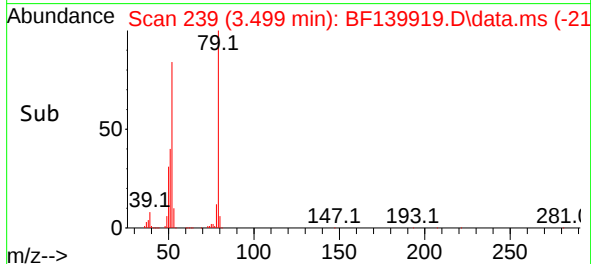
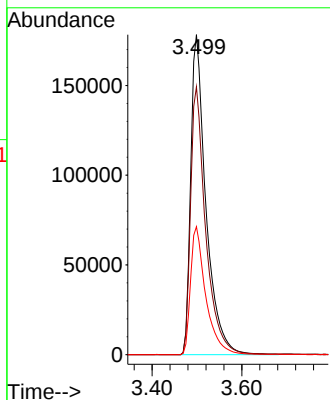
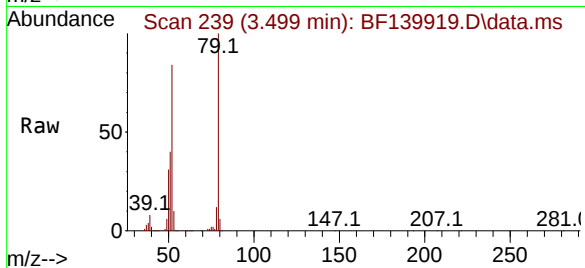
Tgt Ion: 79 Resp: 420236

Ion Ratio Lower Upper

79 100

52 83.7 68.5 102.7

51 40.0 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 38.795 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.047 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

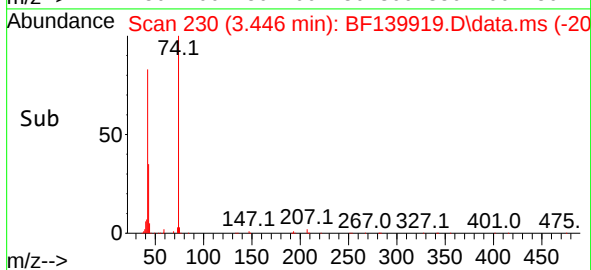
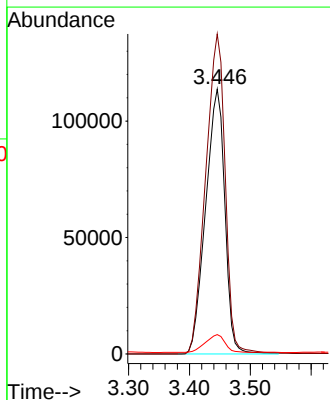
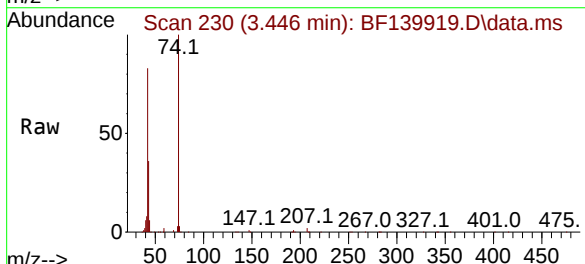
Tgt Ion: 42 Resp: 249731

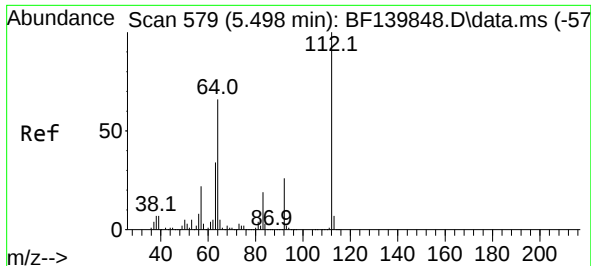
Ion Ratio Lower Upper

42 100

74 120.8 96.2 144.4

44 7.3 6.2 9.2

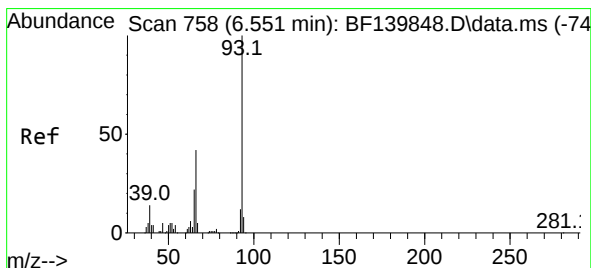
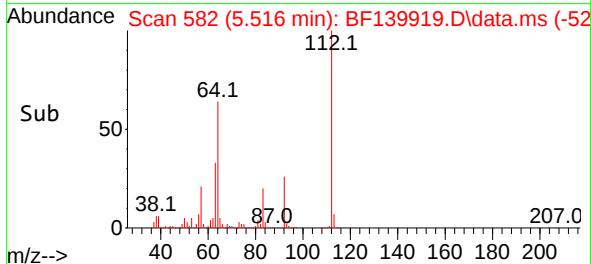
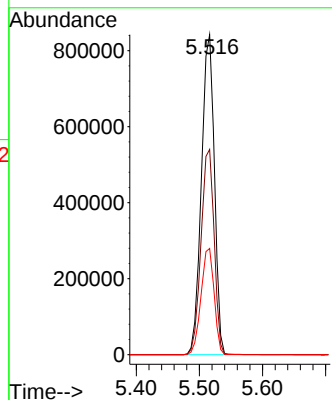
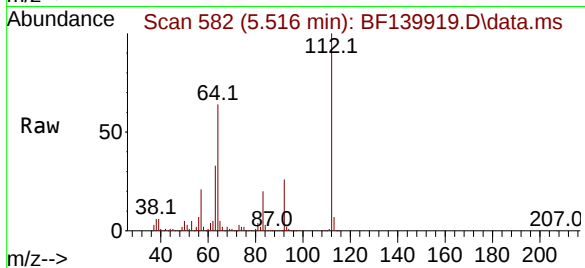




#5
2-Fluorophenol
Concen: 115.996 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

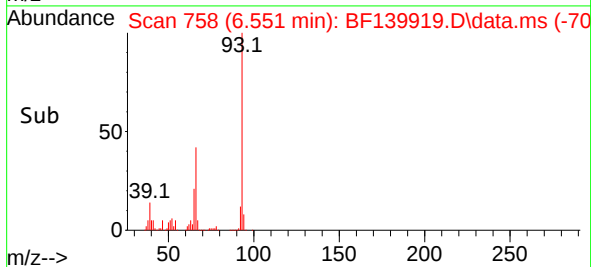
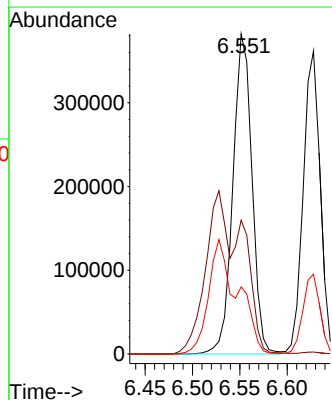
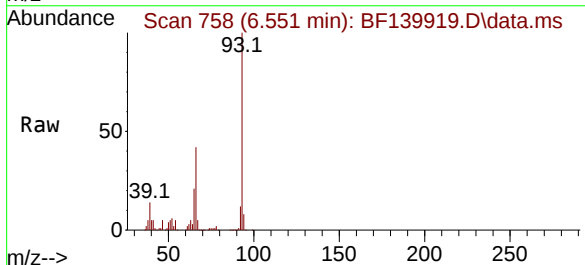
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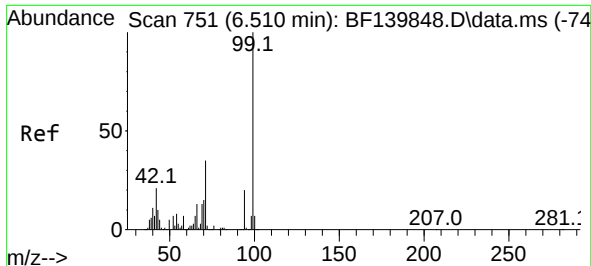
Tgt Ion:112 Resp: 1202568
Ion Ratio Lower Upper
112 100
64 64.1 53.0 79.6
63 33.2 27.0 40.4



#6
Aniline
Concen: 42.787 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion: 93 Resp: 535442
Ion Ratio Lower Upper
93 100
66 41.8 34.0 51.0
65 21.0 17.4 26.0





#7

Phenol-d6

Concen: 113.859 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

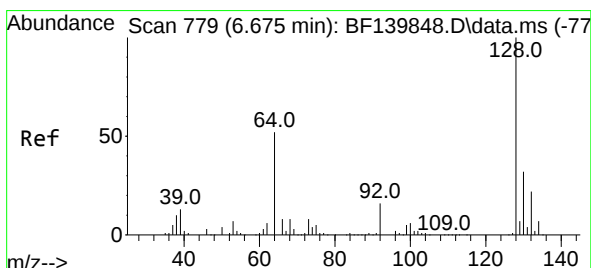
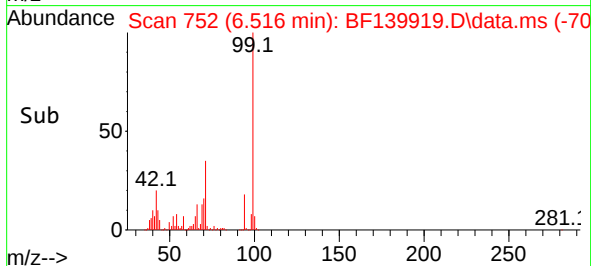
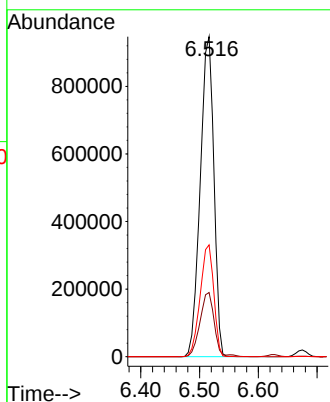
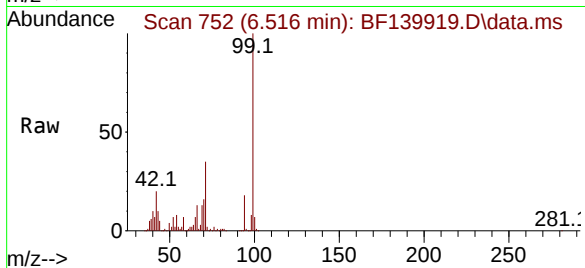
Tgt Ion: 99 Resp: 1528819

Ion Ratio Lower Upper

99 100

42 20.1 16.7 25.1

71 35.0 27.7 41.5



#8

2-Chlorophenol

Concen: 43.951 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

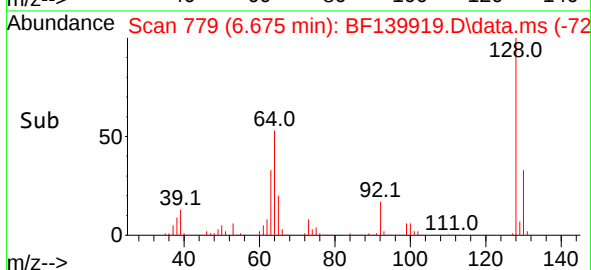
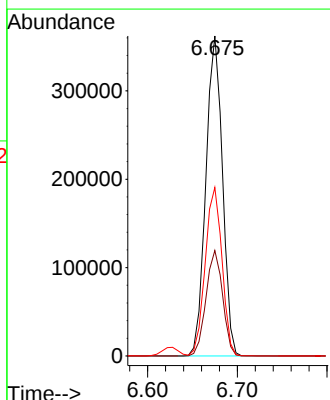
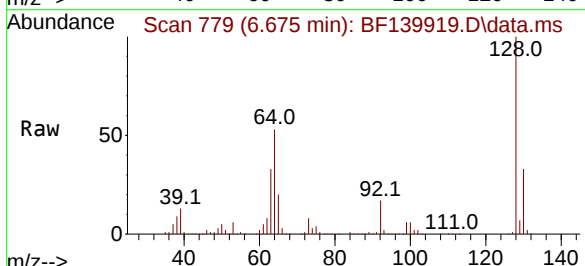
Tgt Ion:128 Resp: 465814

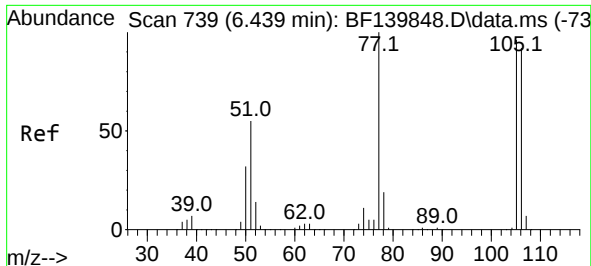
Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

64 52.6 34.6 74.6

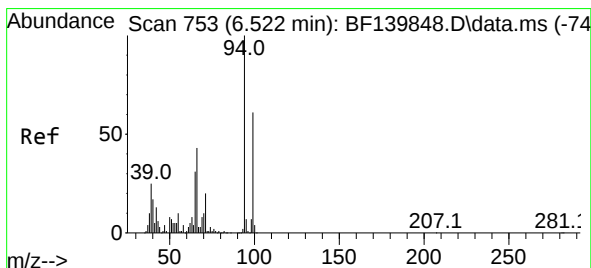
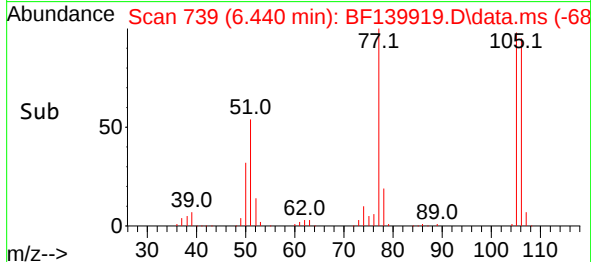
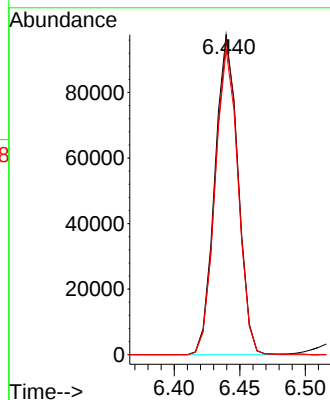
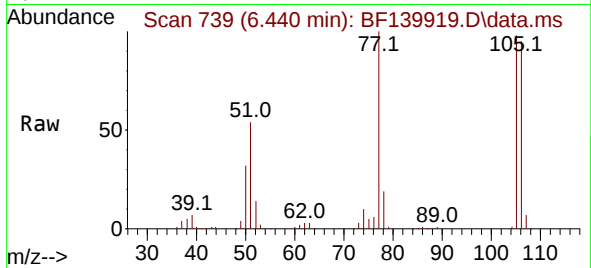




#9
Benzaldehyde
Concen: 15.766 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF139919.D
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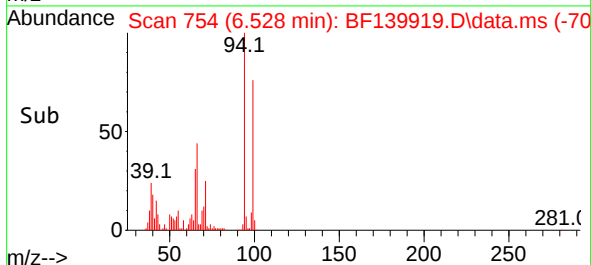
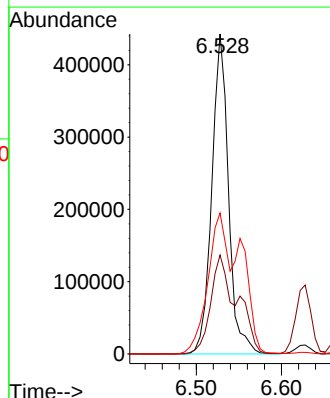
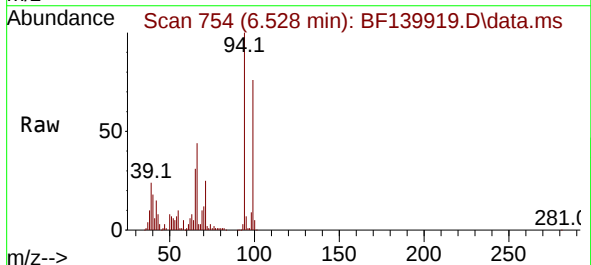
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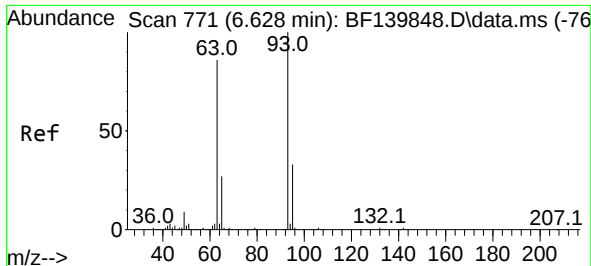
Tgt Ion: 77 Resp: 119091
Ion Ratio Lower Upper
77 100
105 98.1 75.5 115.5
106 95.2 71.7 111.7



#10
Phenol
Concen: 43.467 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion: 94 Resp: 601712
Ion Ratio Lower Upper
94 100
65 30.9 11.1 51.1
66 44.1 22.7 62.7

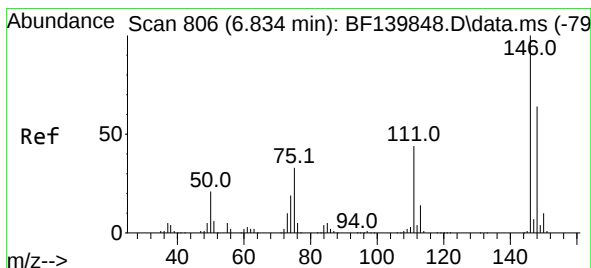
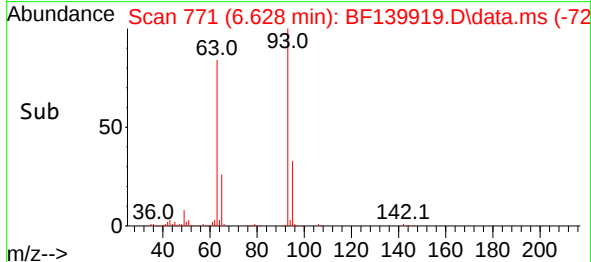
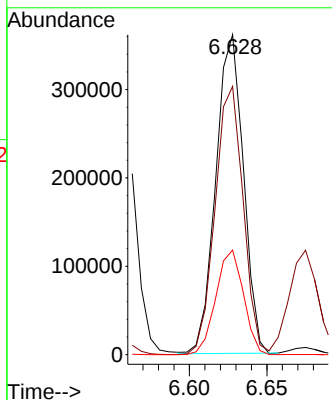
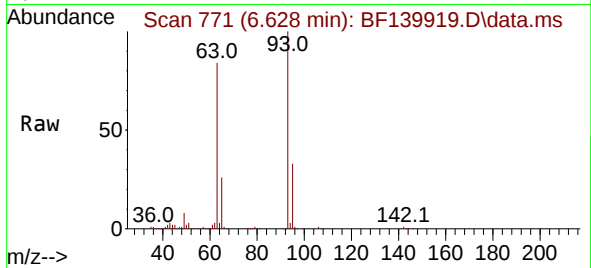




#11
bis(2-Chloroethyl)ether
Concen: 41.711 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

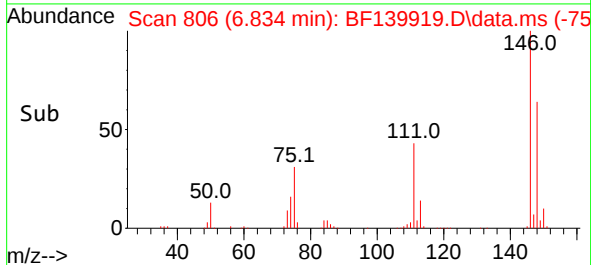
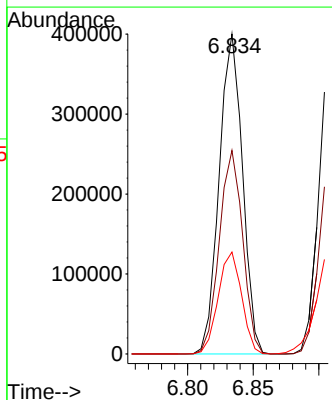
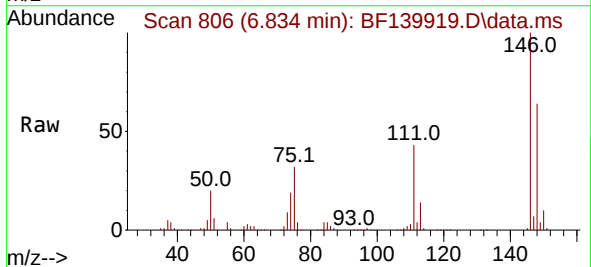
Instrument :
BNA_F
ClientSampleId :
PB164152BS

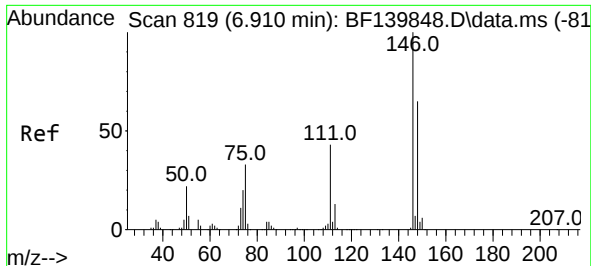
Tgt Ion: 93 Resp: 446295
Ion Ratio Lower Upper
93 100
63 83.9 65.0 105.0
95 32.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.603 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion: 146 Resp: 493989
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 31.8 26.4 39.6

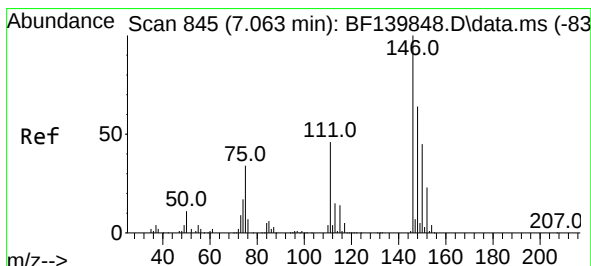
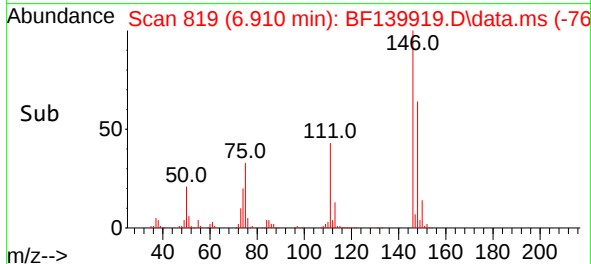
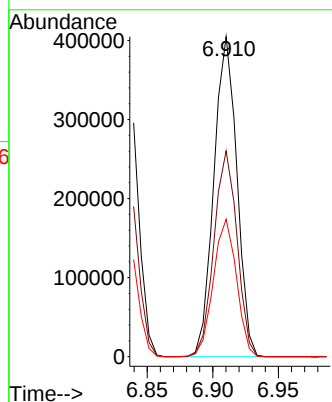
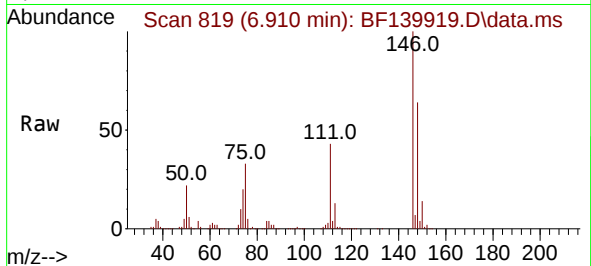




#13
1,4-Dichlorobenzene
Concen: 40.654 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

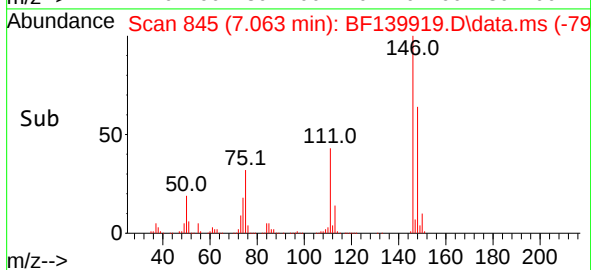
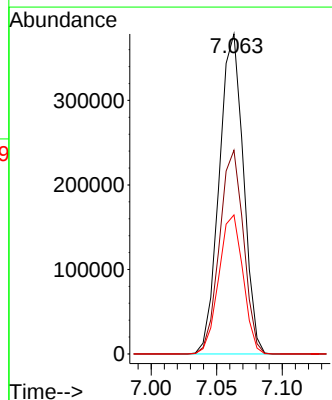
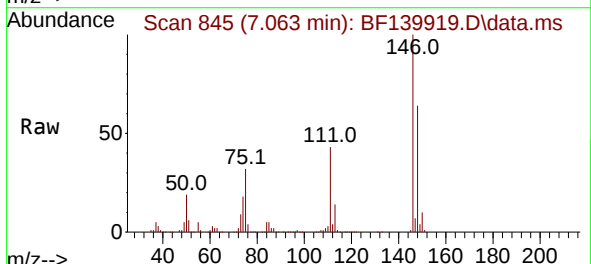
Instrument :
BNA_F
ClientSampleId :
PB164152BS

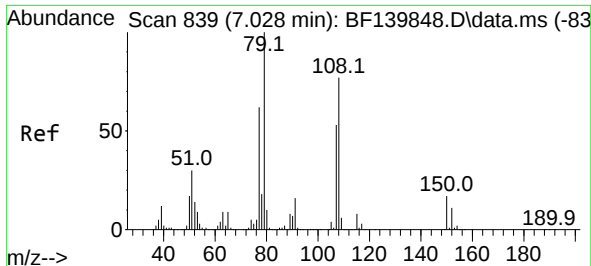
Tgt Ion:146 Resp: 494149
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
111 43.0 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 42.739 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion:146 Resp: 484836
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 43.5 36.7 55.1

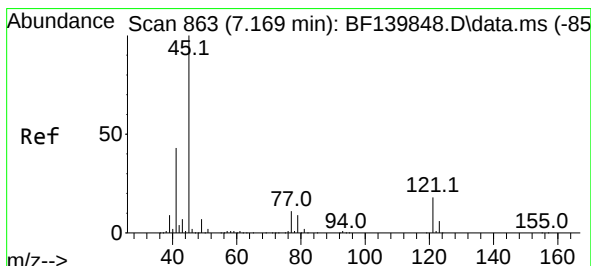
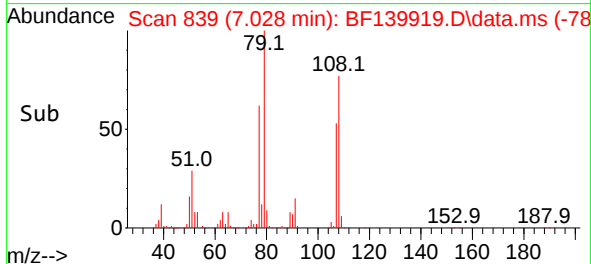
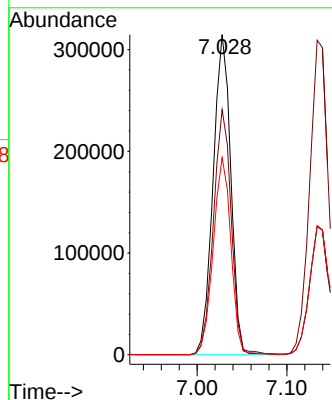
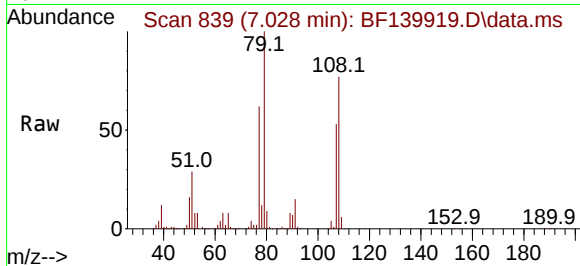




#15
Benzyl Alcohol
Concen: 43.754 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

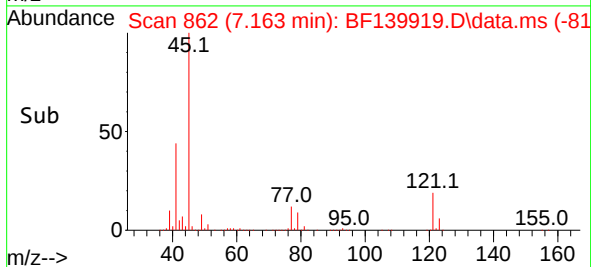
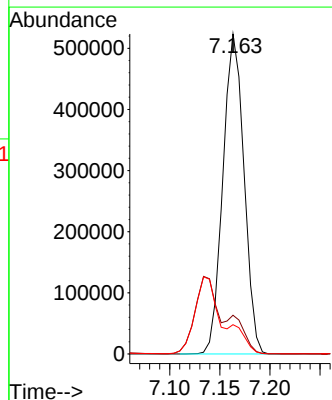
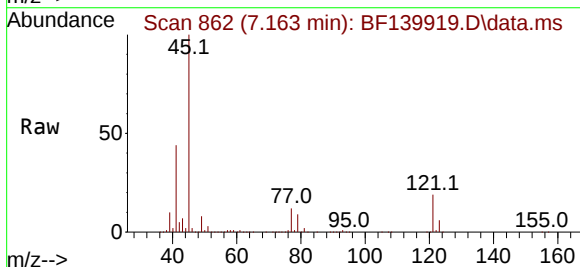
Instrument :
BNA_F
ClientSampleId :
PB164152BS

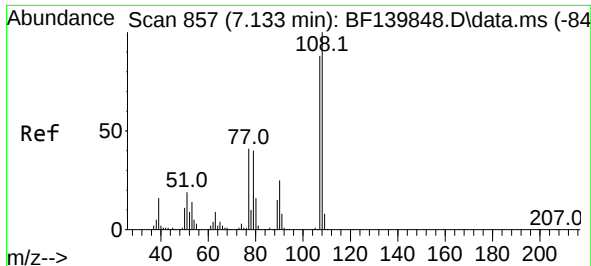
Tgt Ion: 79 Resp: 430954
Ion Ratio Lower Upper
79 100
108 76.6 61.4 92.0
77 61.6 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.914 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion: 45 Resp: 764680
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.5
79 9.1 0.0 29.1





#17

2-Methylphenol

Concen: 42.236 ng

RT: 7.134 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF139919.D

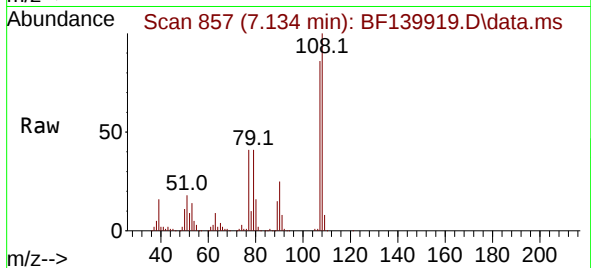
Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS



Tgt Ion:107 Resp: 381702

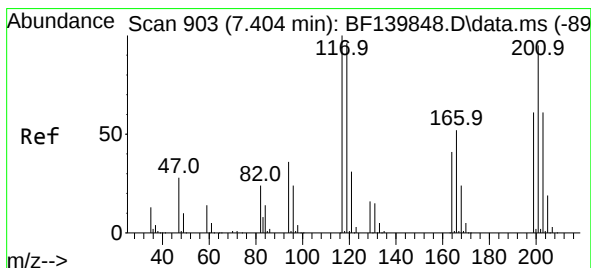
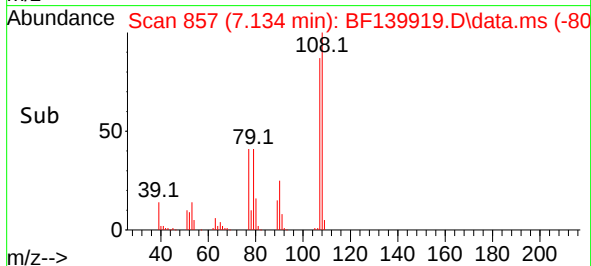
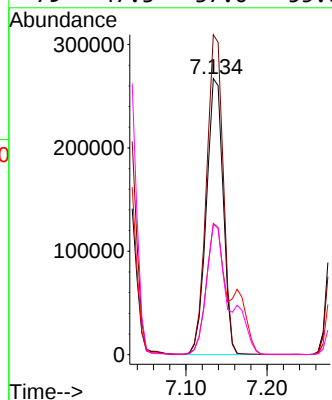
Ion	Ratio	Lower	Upper
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107	100		
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108	115.9	91.3	136.9
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77	47.6	37.1	55.7
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79	47.3	37.0	55.6
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#18

Hexachloroethane

Concen: 41.127 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

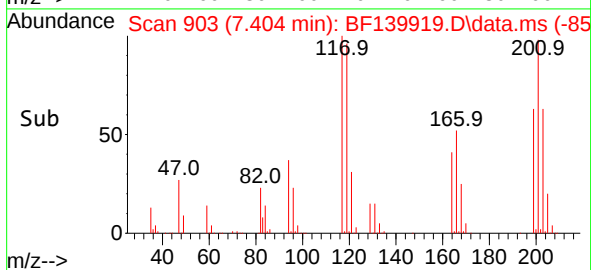
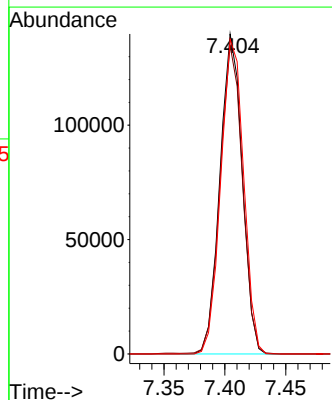
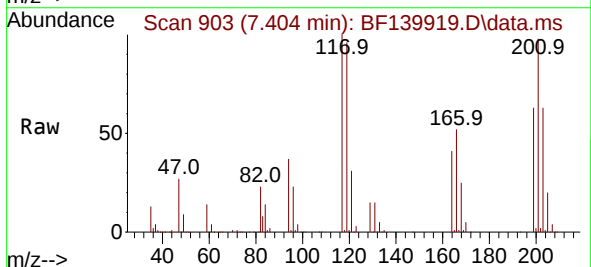
Tgt Ion:117 Resp: 178262

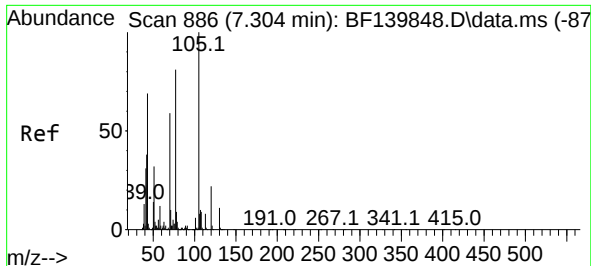
Ion	Ratio	Lower	Upper
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117	100		
-----	-----	--	--

119	96.4	77.0	115.4
-----	------	------	-------

201	98.4	76.2	114.4
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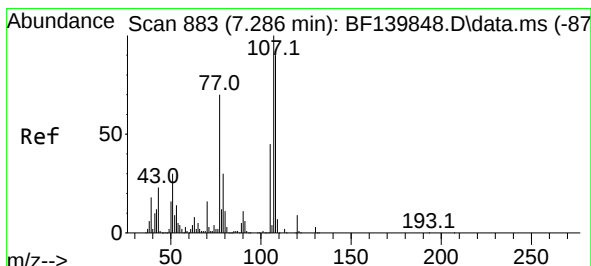
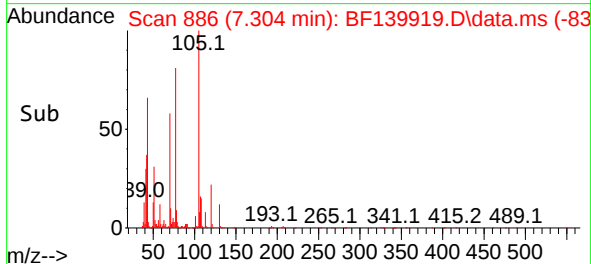
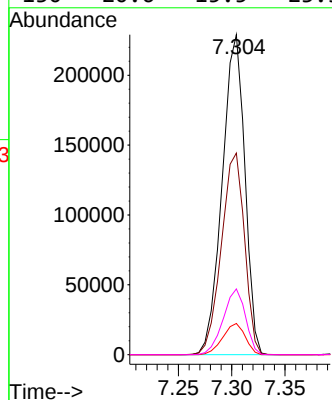
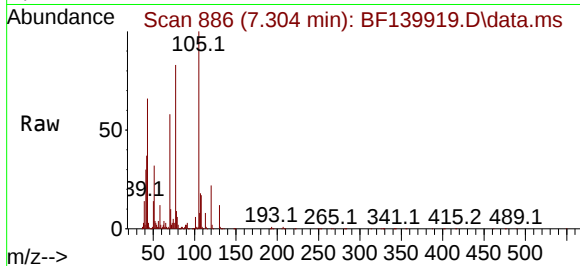


#19
n-Nitroso-di-n-propylamine
Concen: 41.503 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Instrument :
BNA_F
ClientSampleId :
PB164152BS

Tgt Ion: 70 Resp: 337984

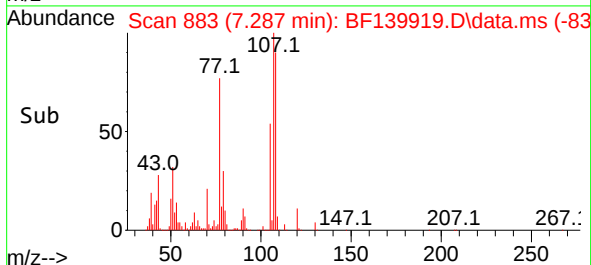
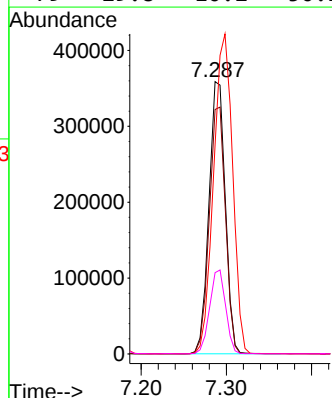
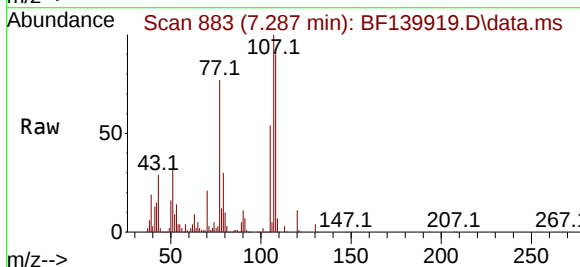
Ion	Ratio	Lower	Upper
70	100		
42	63.0	51.5	77.3
101	9.8	7.5	11.3
130	20.6	15.5	23.3

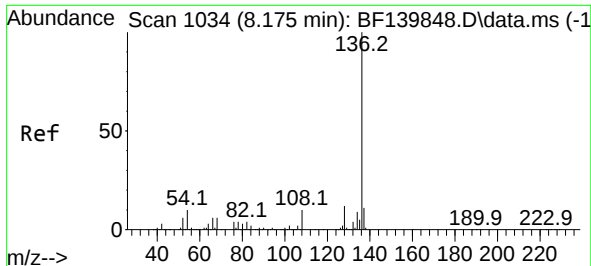


#20
3+4-Methylphenols
Concen: 41.315 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion: 107 Resp: 477574

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.8	109.8
77	76.8	50.5	90.5
79	29.8	10.2	50.2



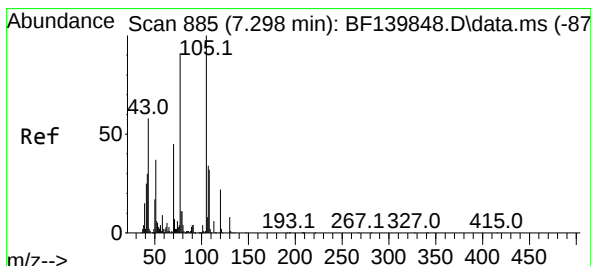
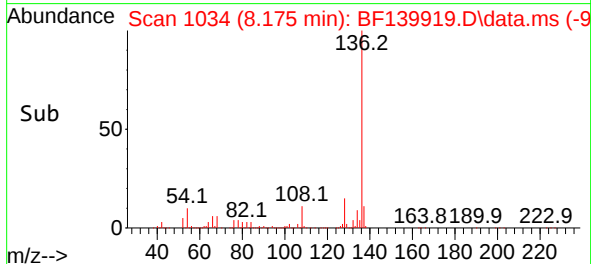
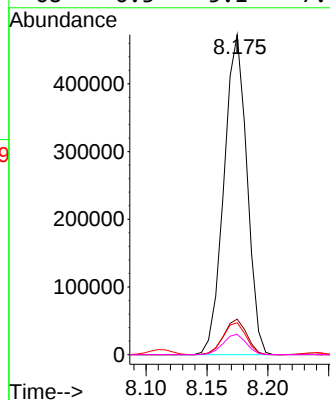
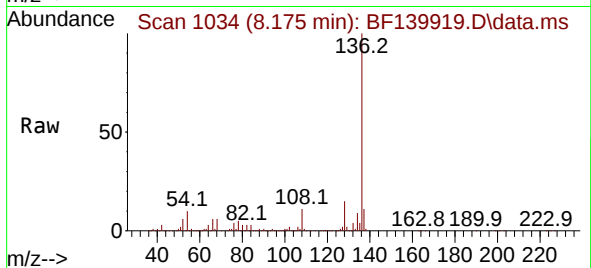


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Instrument :
BNA_F
ClientSampleId :
PB164152BS

Tgt Ion:136 Resp: 620667

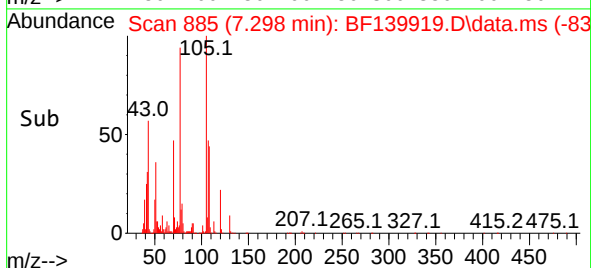
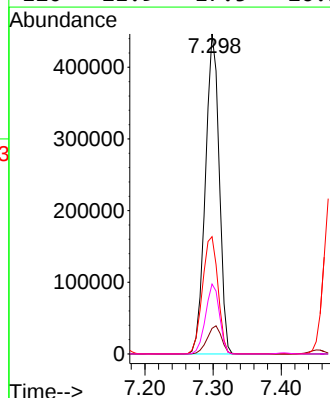
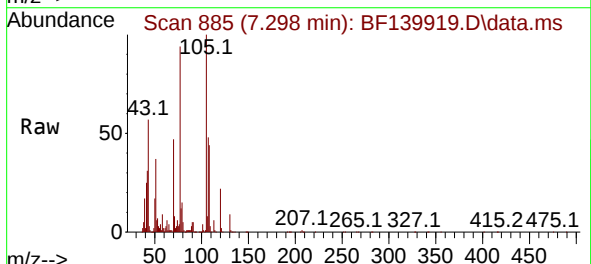
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.0	8.4	12.6
68	6.3	5.1	7.7

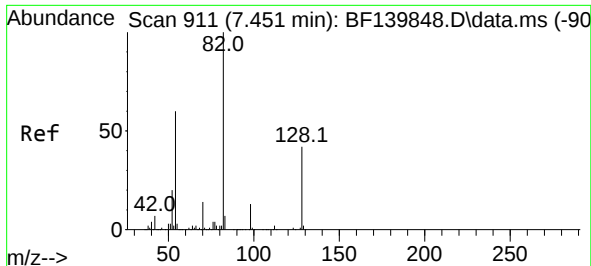


#22
Acetophenone
Concen: 41.554 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion:105 Resp: 631706

Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.9	8.9
51	36.6	29.4	44.2
120	21.9	17.5	26.3





#23

Nitrobenzene-d5

Concen: 87.261 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

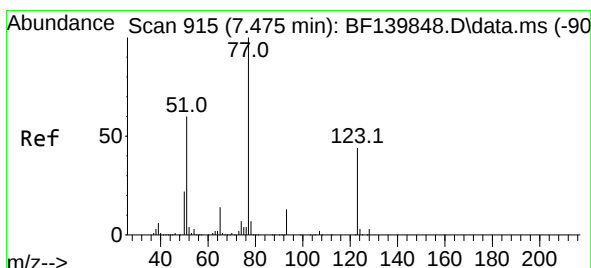
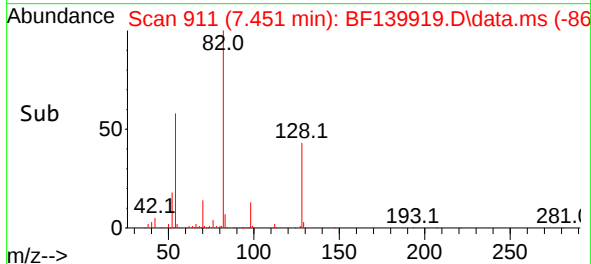
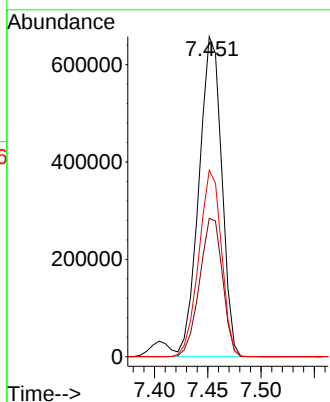
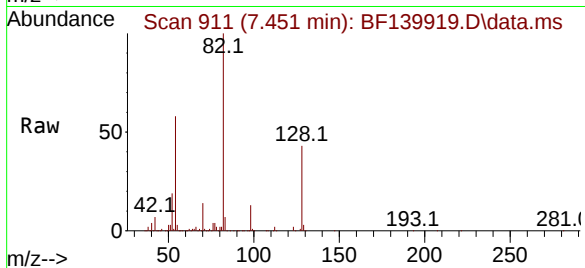
Tgt Ion: 82 Resp: 977202

Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.0

54 58.2 47.8 71.8



#24

Nitrobenzene

Concen: 41.309 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

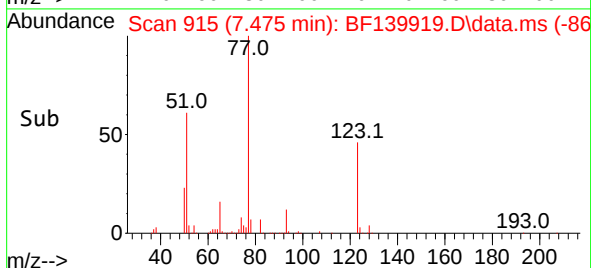
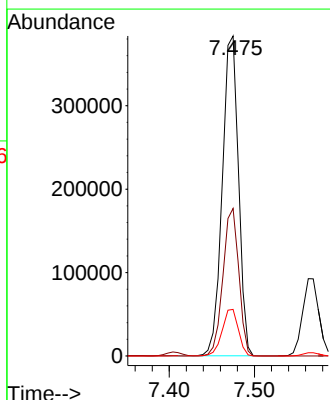
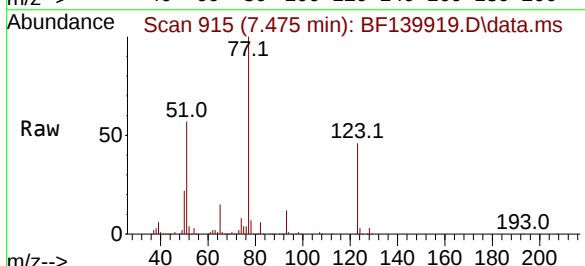
Tgt Ion: 77 Resp: 507200

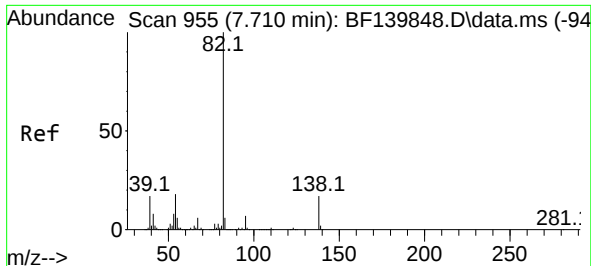
Ion Ratio Lower Upper

77 100

123 46.1 35.7 53.5

65 14.5 11.5 17.3

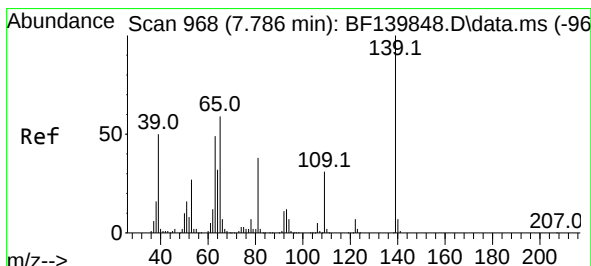
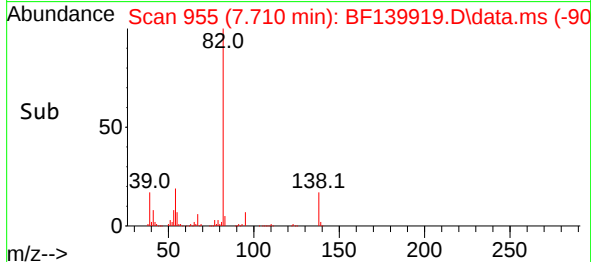
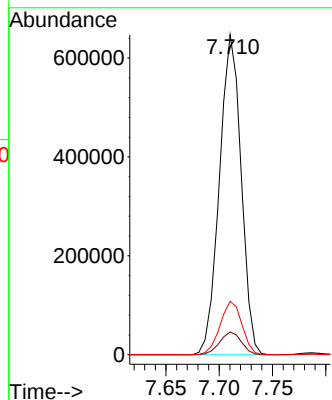
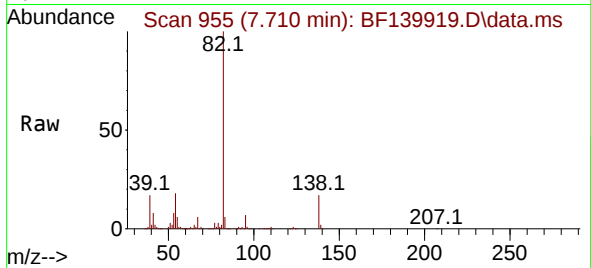




#25
Isophorone
Concen: 43.083 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

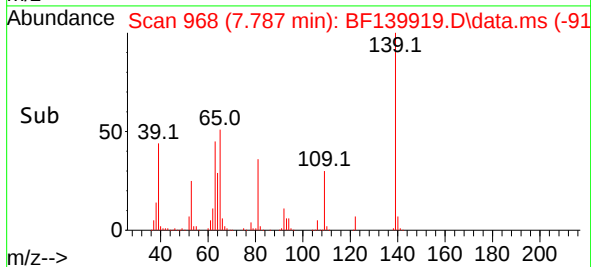
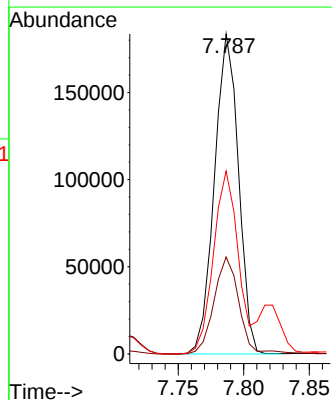
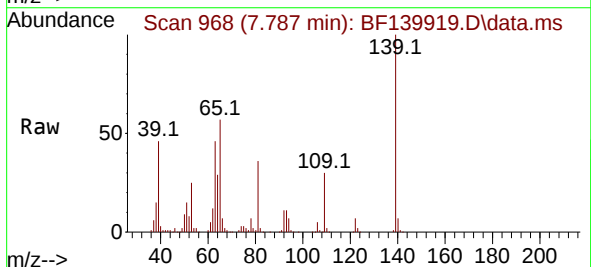
Instrument :
BNA_F
ClientSampleId :
PB164152BS

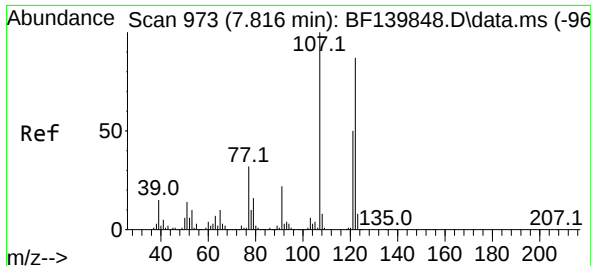
Tgt Ion: 82 Resp: 915731
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.6 13.2 19.8



#26
2-Nitrophenol
Concen: 50.502 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion:139 Resp: 233924
Ion Ratio Lower Upper
139 100
109 30.3 25.1 37.7
65 57.1 47.5 71.3

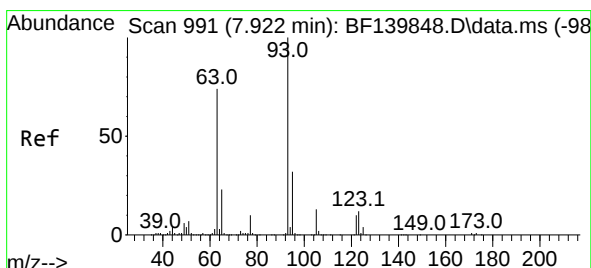
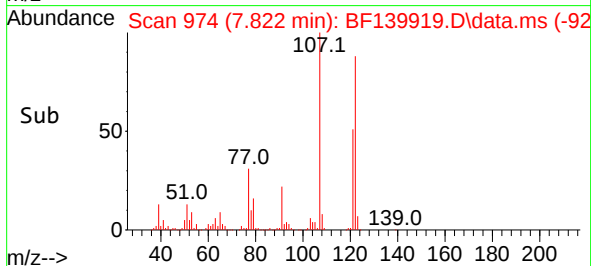
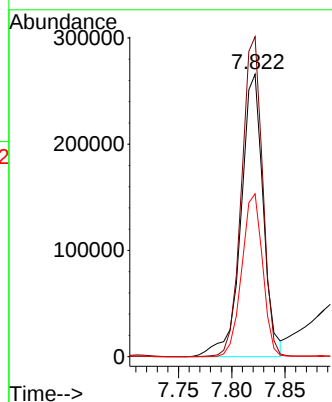
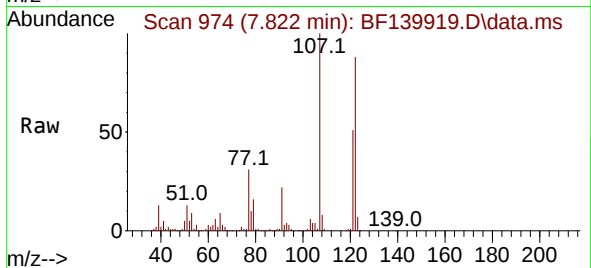




#27
2,4-Dimethylphenol
Concen: 50.060 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

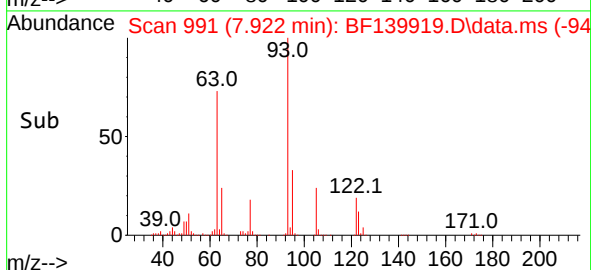
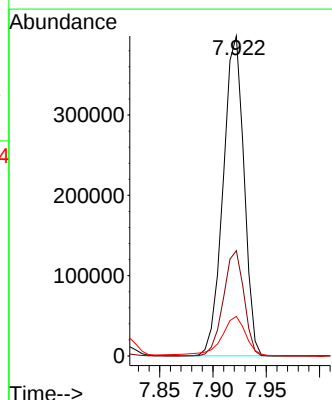
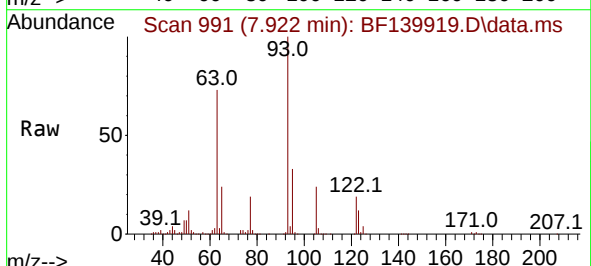
Instrument :
BNA_F
ClientSampleId :
PB164152BS

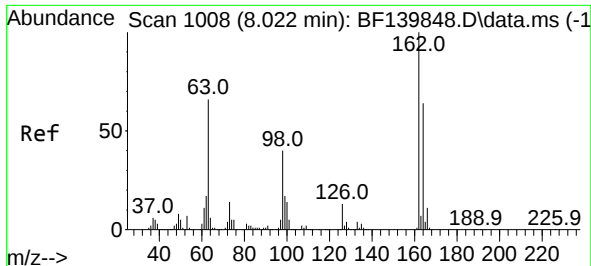
Tgt Ion:122 Resp: 386639
Ion Ratio Lower Upper
122 100
107 113.3 91.9 137.9
121 57.7 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.891 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion: 93 Resp: 539456
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 12.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 43.790 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

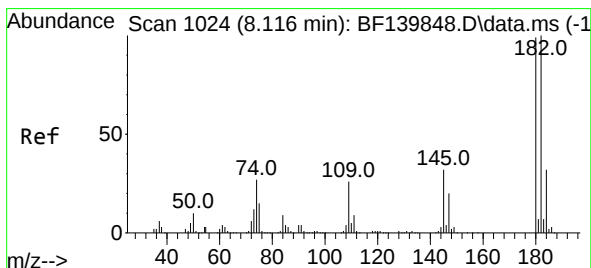
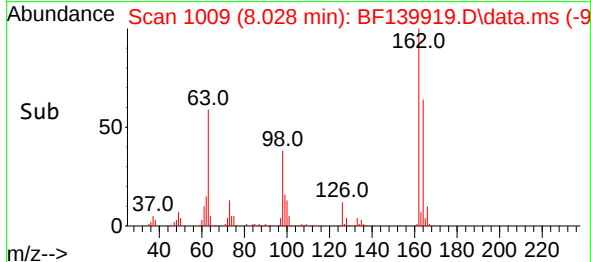
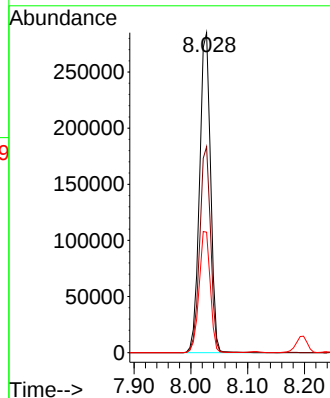
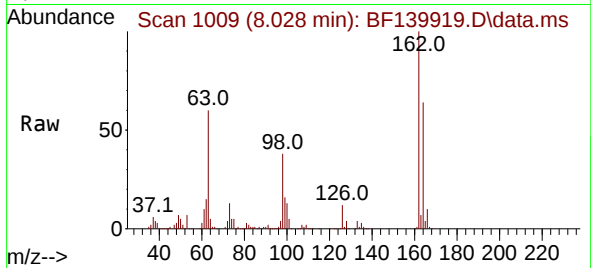
Tgt Ion:162 Resp: 385236

Ion Ratio Lower Upper

162 100

164 64.4 43.9 83.9

98 37.7 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 41.594 ng

RT: 8.116 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

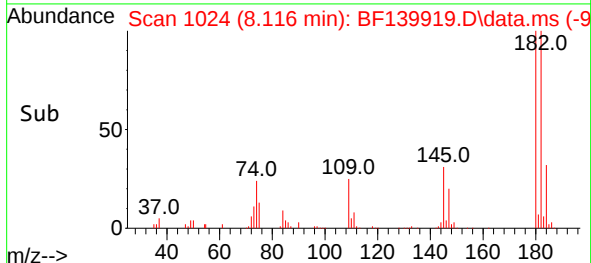
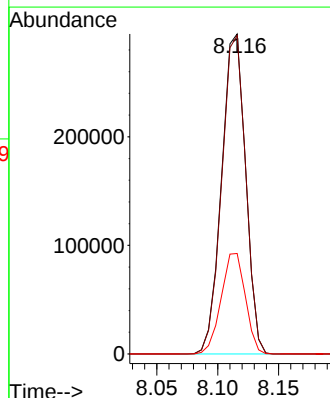
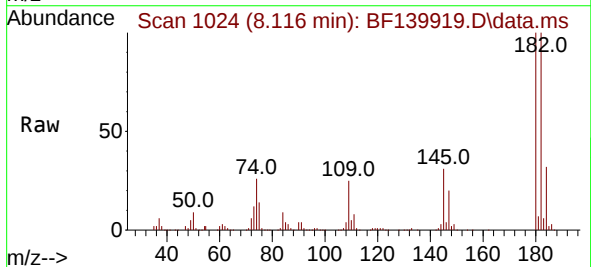
Tgt Ion:180 Resp: 404887

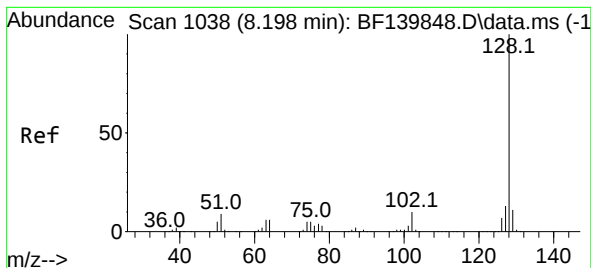
Ion Ratio Lower Upper

180 100

182 99.5 80.5 120.7

145 31.4 25.4 38.0





#31

Naphthalene

Concen: 41.847 ng

RT: 8.198 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

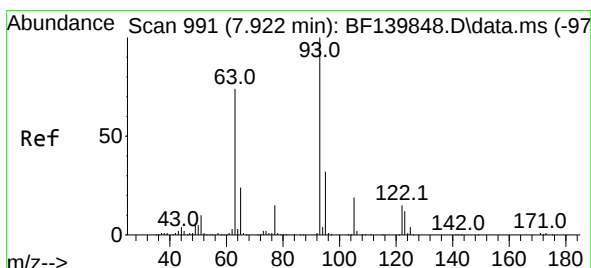
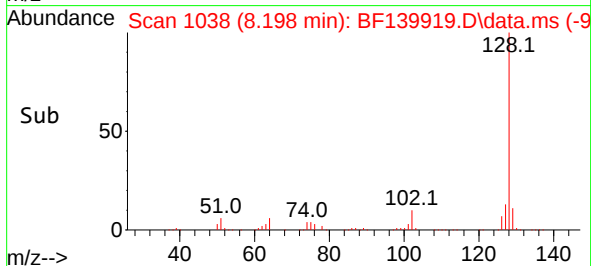
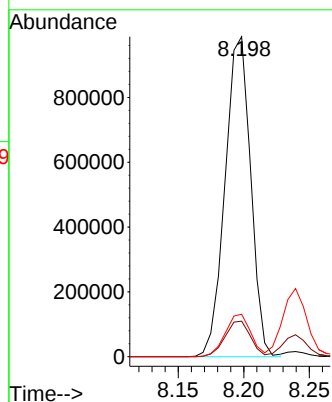
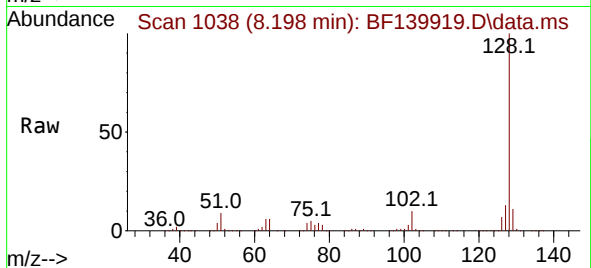
Tgt Ion:128 Resp: 1339520

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 42.205 ng

RT: 7.928 min Scan# 992

Delta R.T. 0.006 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

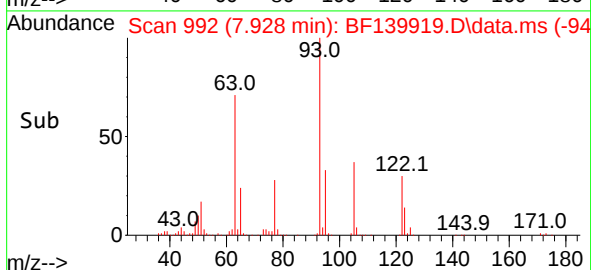
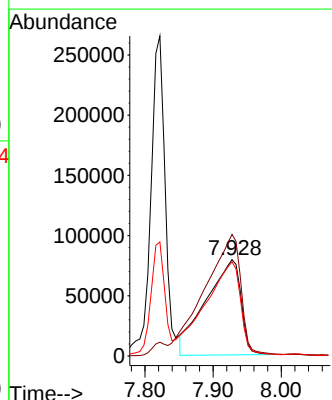
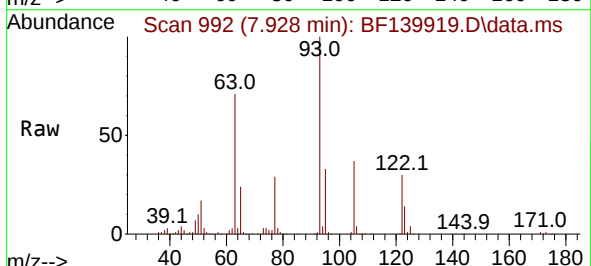
Tgt Ion:122 Resp: 284313

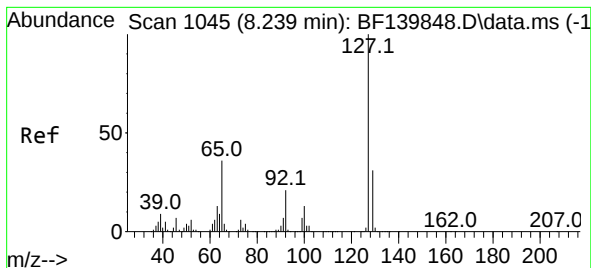
Ion Ratio Lower Upper

122 100

105 126.1 107.6 147.6

77 97.7 80.2 120.2

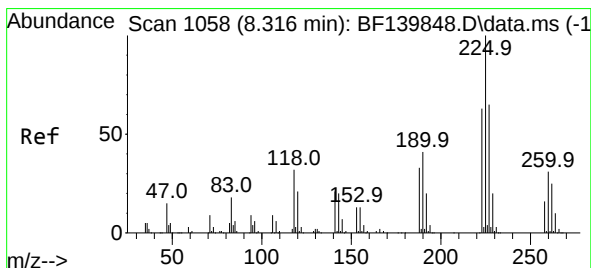
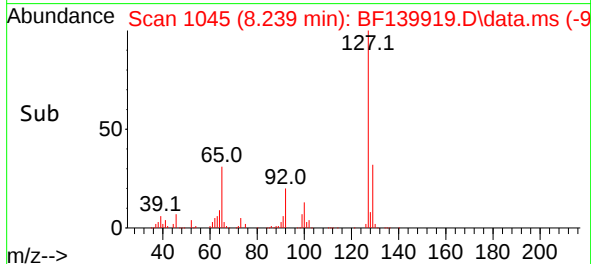
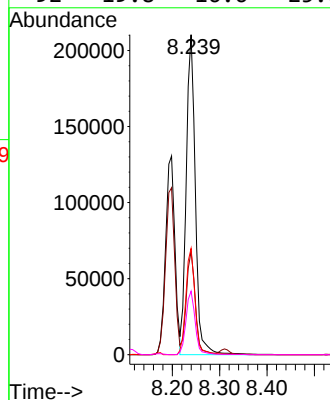
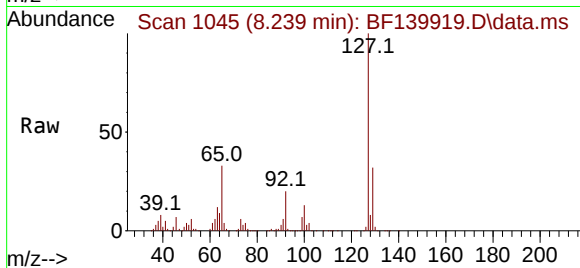




#33
4-Chloroaniline
Concen: 25.831 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

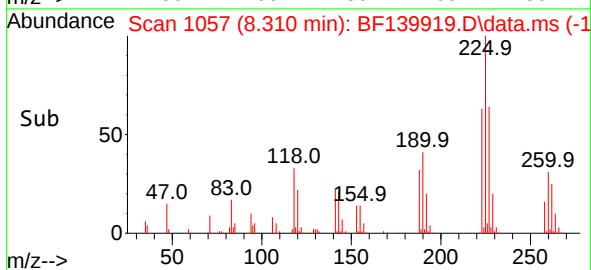
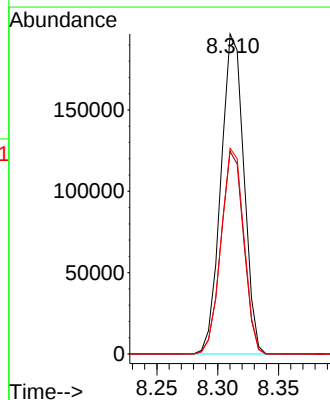
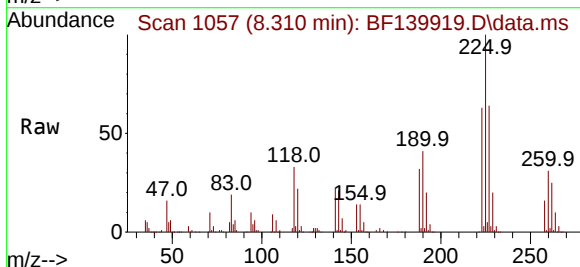
Instrument :
BNA_F
ClientSampleId :
PB164152BS

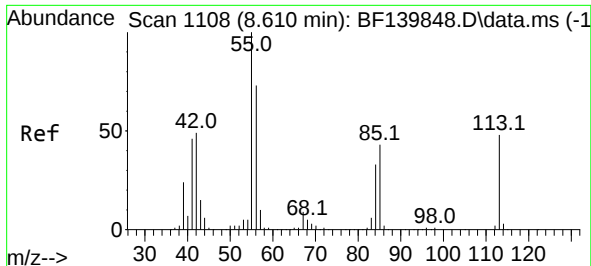
Tgt Ion:	127	Resp:	281950
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	33.2	28.4	42.6
92	19.8	16.6	25.0



#34
Hexachlorobutadiene
Concen: 42.224 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion:	225	Resp:	258253
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	64.2	51.8	77.8

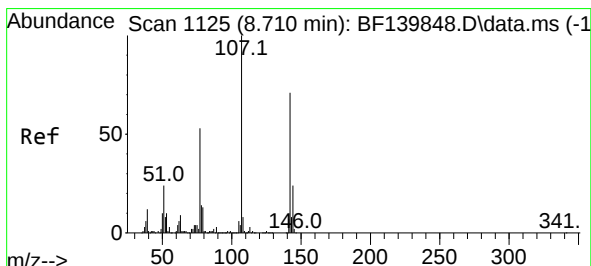
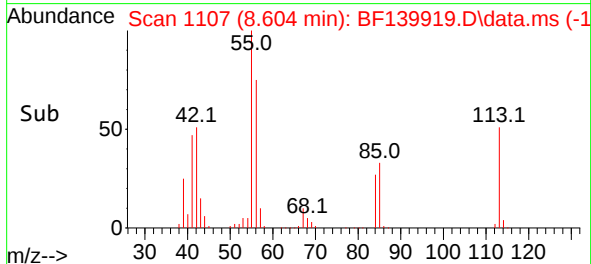
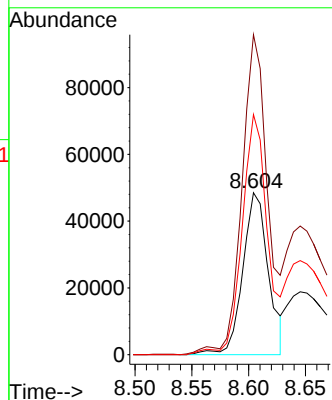
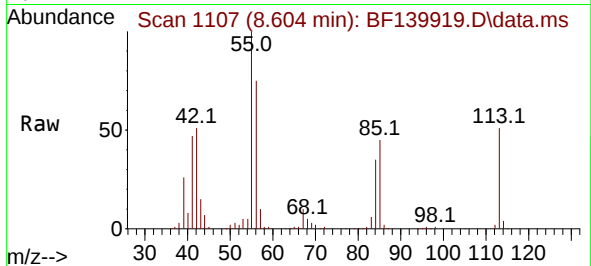




#35
 Caprolactam
 Concen: 27.106 ng
 RT: 8.604 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF139919.D
 Acq: 22 Oct 2024 10:36

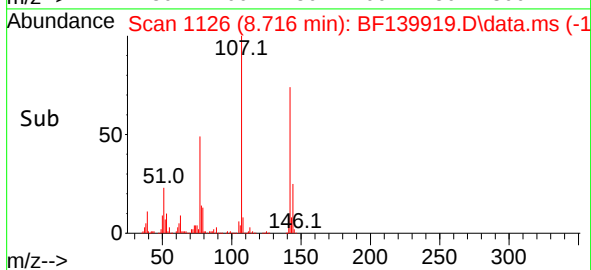
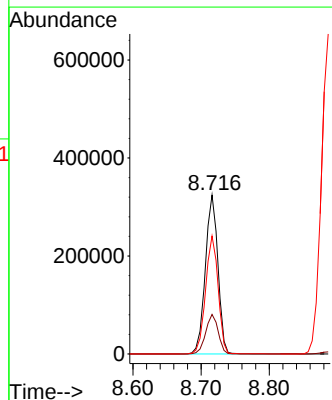
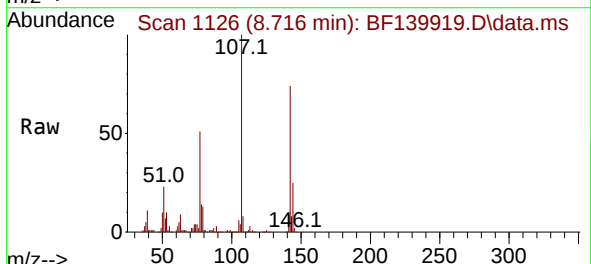
Instrument :
 BNA_F
 ClientSampleId :
 PB164152BS

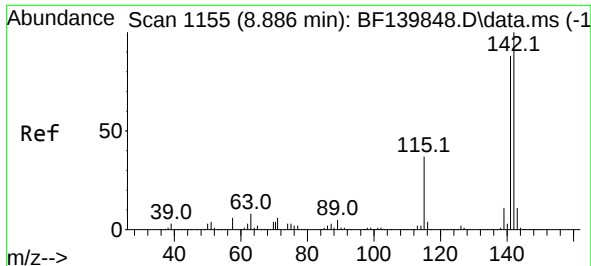
Tgt Ion:113 Resp: 75822
 Ion Ratio Lower Upper
 113 100
 55 197.7 189.2 229.2
 56 148.4 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.766 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139919.D
 Acq: 22 Oct 2024 10:36

Tgt Ion:107 Resp: 416587
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.1 28.7
 142 74.2 57.2 85.8





#37

2-Methylnaphthalene

Concen: 43.075 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

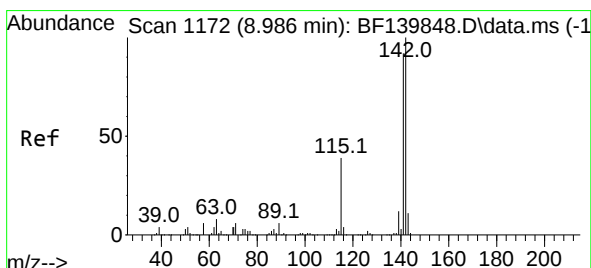
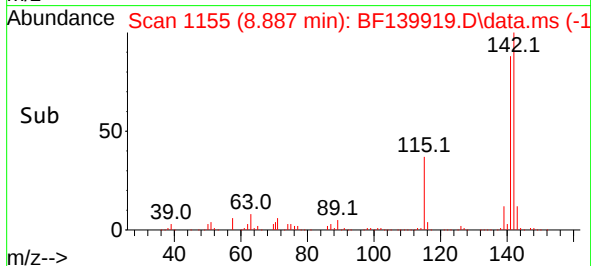
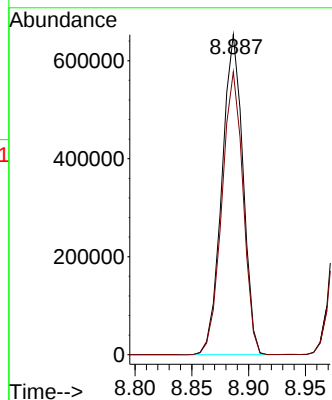
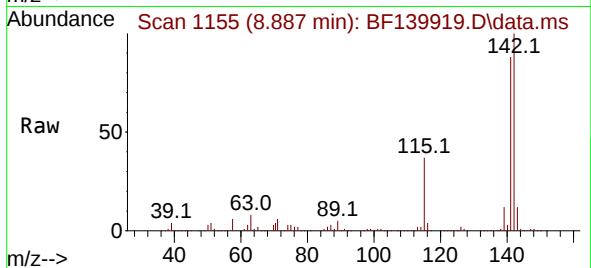
PB164152BS

Tgt Ion:142 Resp: 844451

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2



#38

1-Methylnaphthalene

Concen: 40.761 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139919.D

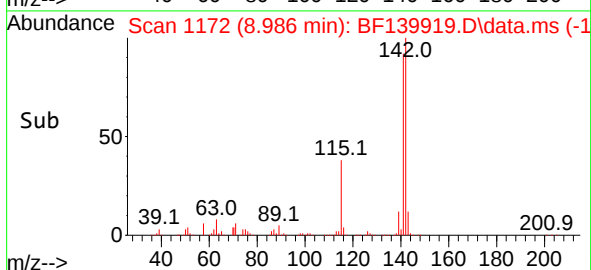
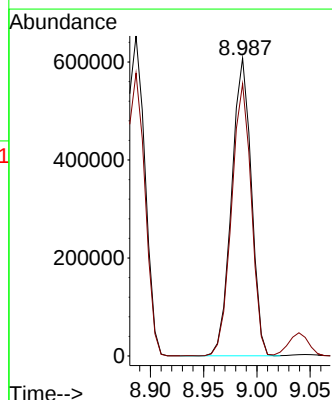
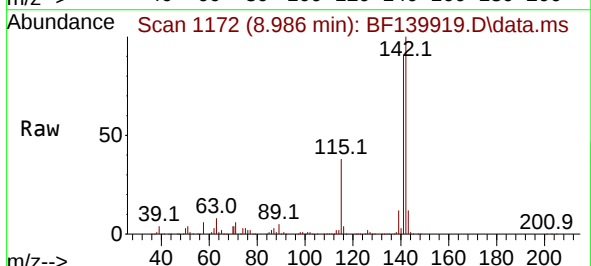
Acq: 22 Oct 2024 10:36

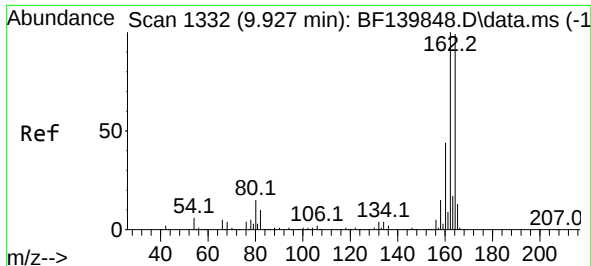
Tgt Ion:142 Resp: 784005

Ion Ratio Lower Upper

142 100

141 91.4 73.5 110.3

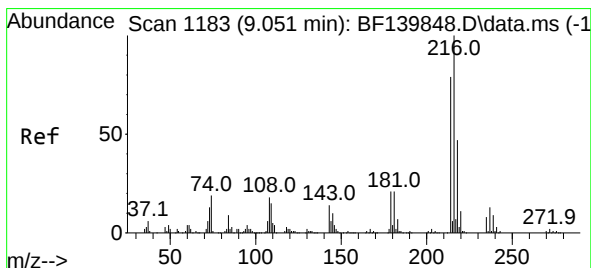
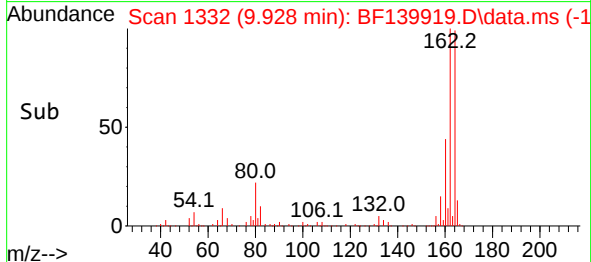
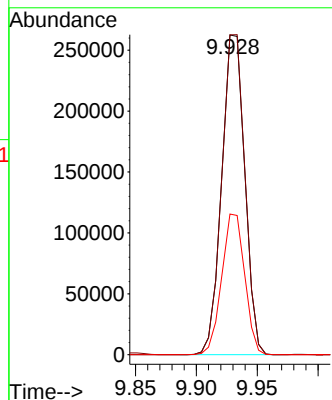
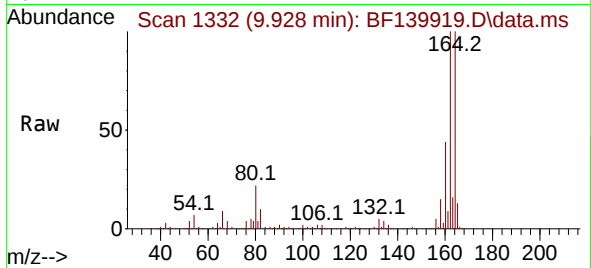




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

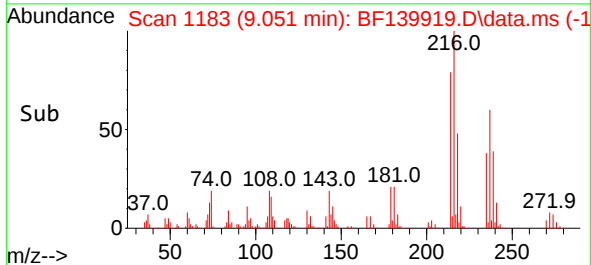
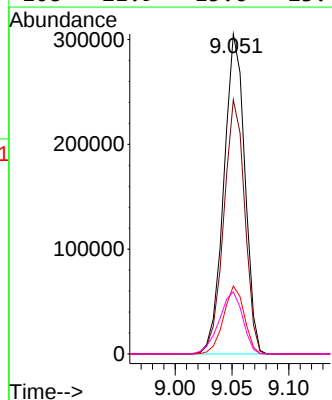
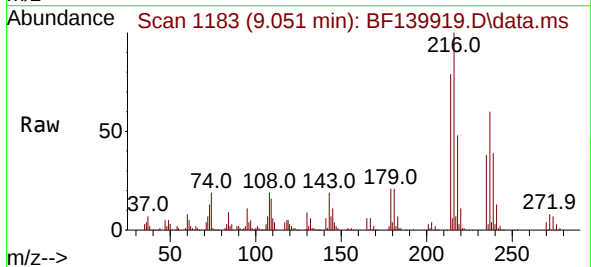
Instrument :
BNA_F
ClientSampleId :
PB164152BS

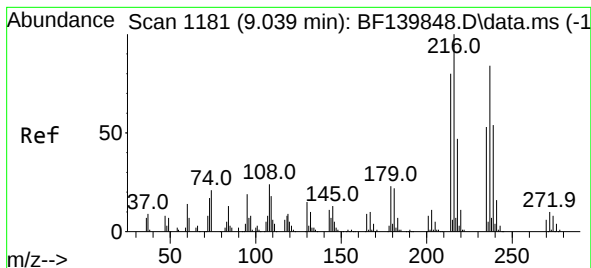
Tgt Ion:164 Resp: 346872
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 44.0 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.964 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion:216 Resp: 392703
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.0
179 20.9 17.2 25.8
108 21.9 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 166.866 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

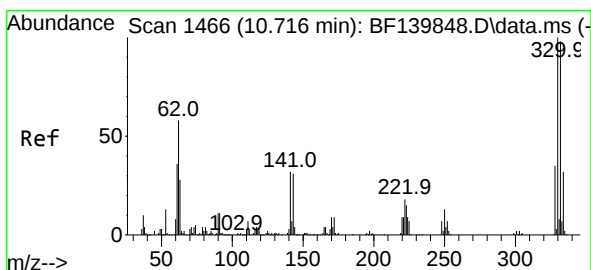
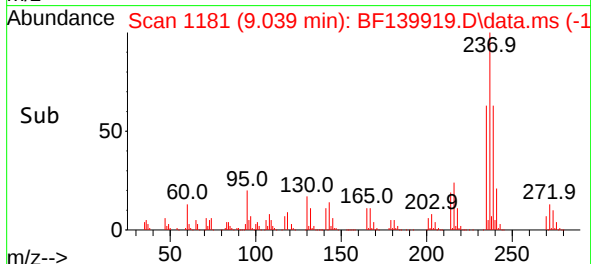
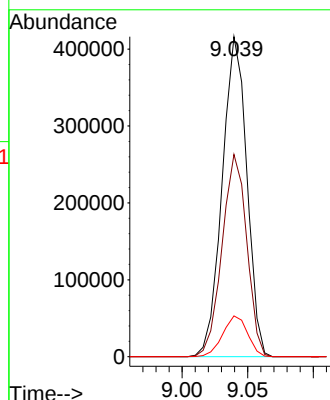
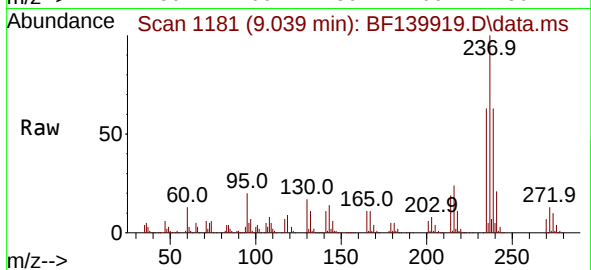
Tgt Ion:237 Resp: 543342

Ion Ratio Lower Upper

237 100

235 63.2 42.9 82.9

272 12.8 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 135.050 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

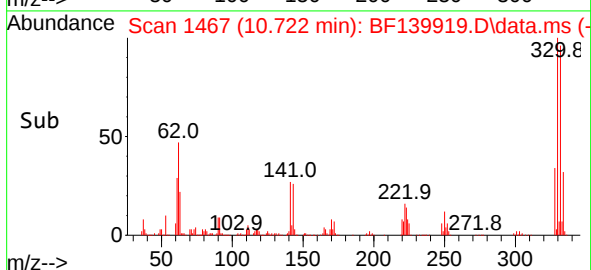
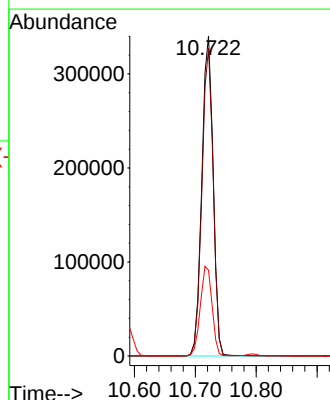
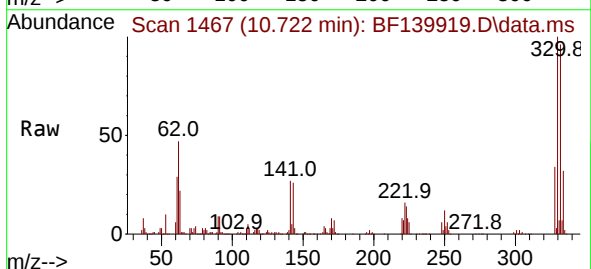
Tgt Ion:330 Resp: 438174

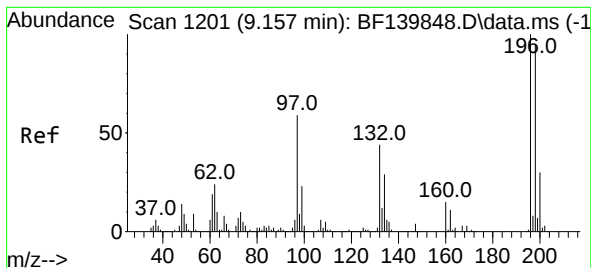
Ion Ratio Lower Upper

330 100

332 95.6 78.1 117.1

141 29.1 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 45.151 ng

RT: 9.163 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

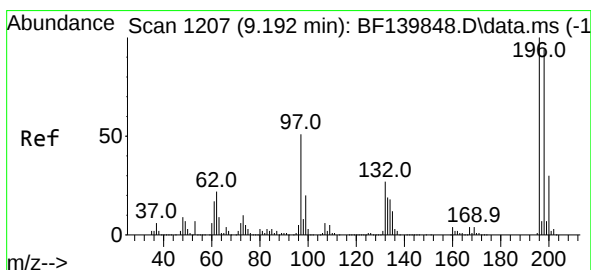
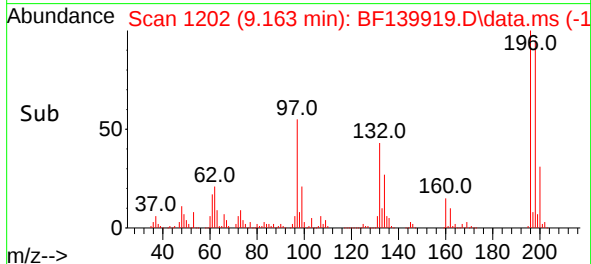
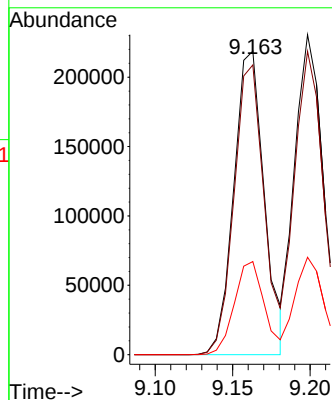
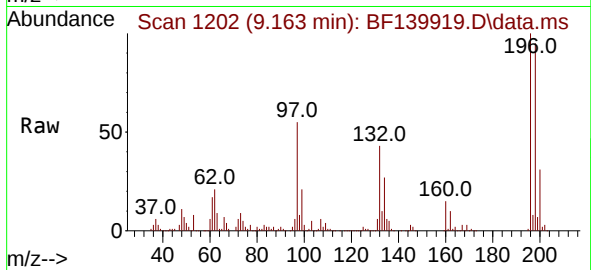
Tgt Ion:196 Resp: 299146

Ion Ratio Lower Upper

196 100

198 95.4 76.2 114.2

200 30.7 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 42.686 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Tgt Ion:196 Resp: 291782

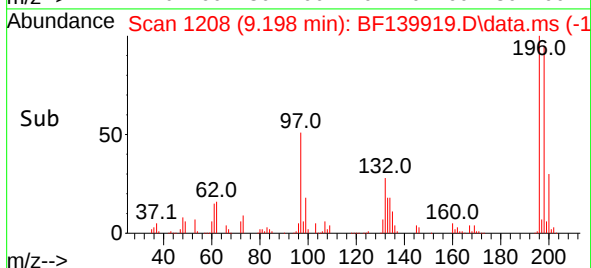
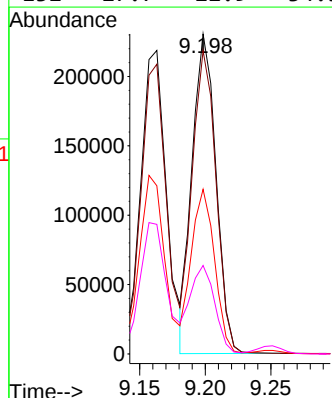
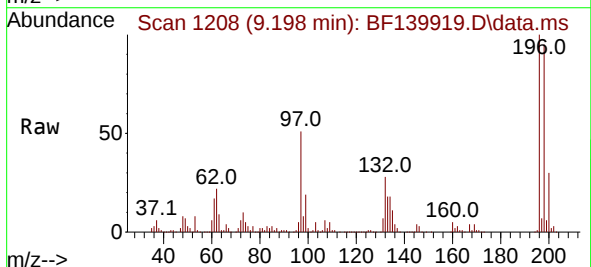
Ion Ratio Lower Upper

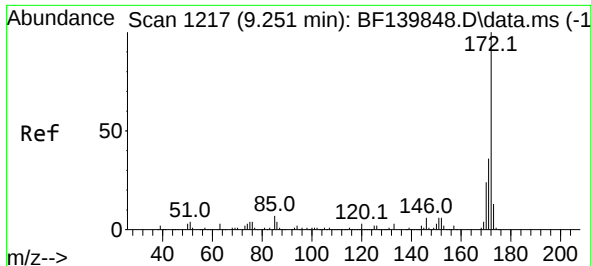
196 100

198 94.8 75.8 113.6

97 51.4 41.8 62.6

132 27.7 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 82.538 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

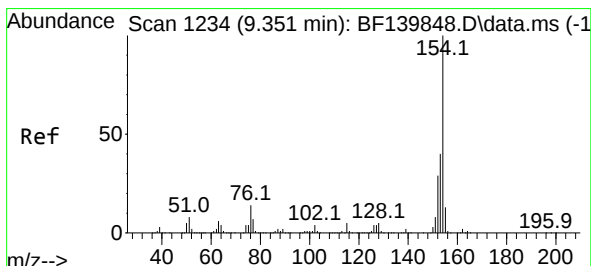
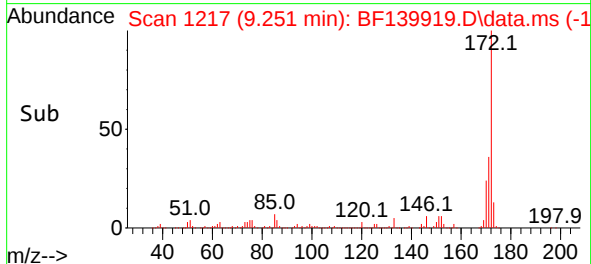
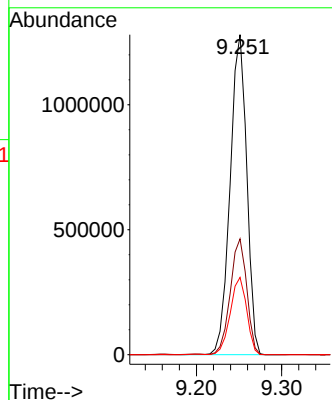
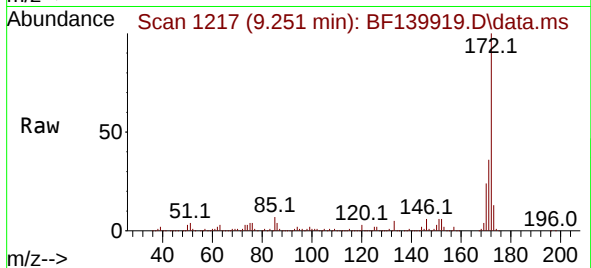
Tgt Ion:172 Resp: 1732329

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

170 24.2 19.1 28.7



#46

1,1'-Biphenyl

Concen: 41.760 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

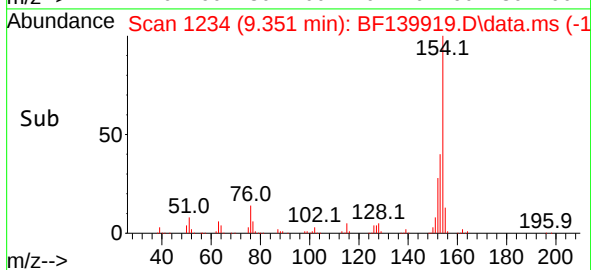
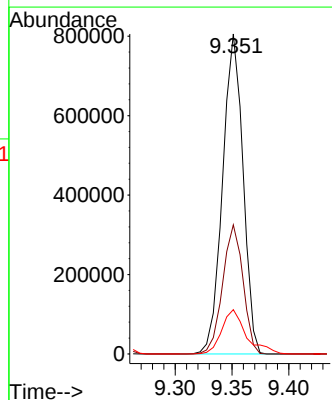
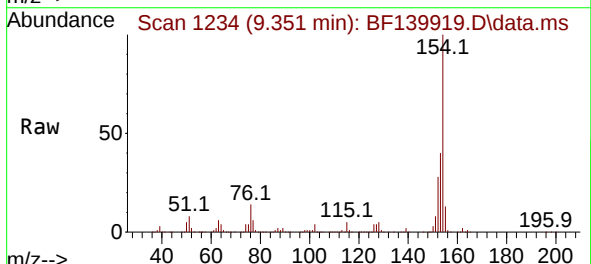
Tgt Ion:154 Resp: 1008385

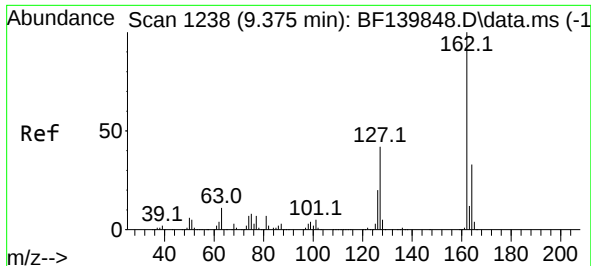
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.9 0.0 33.9

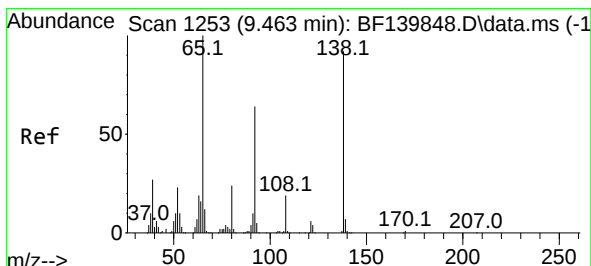
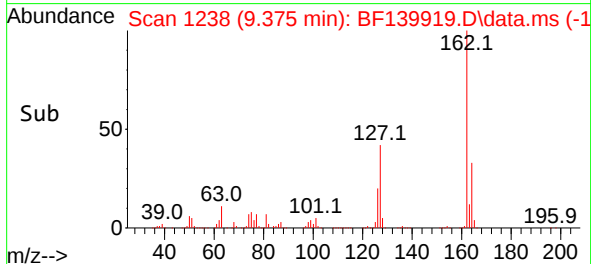
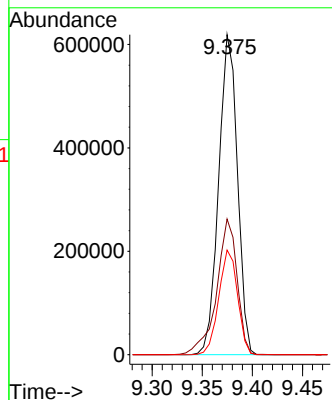
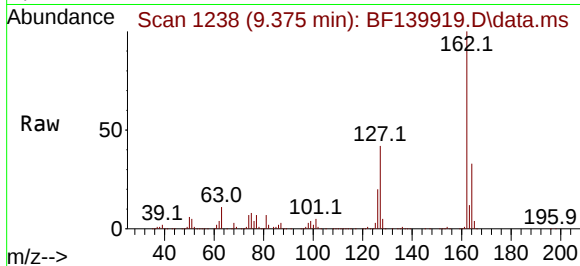




#47
2-Chloronaphthalene
Concen: 41.275 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

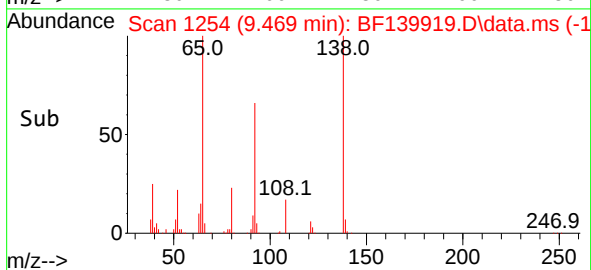
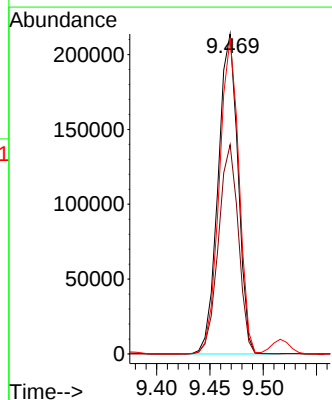
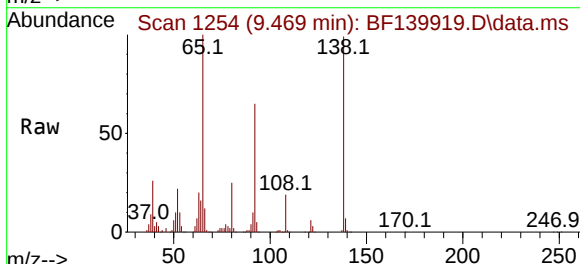
Instrument :
BNA_F
ClientSampleId :
PB164152BS

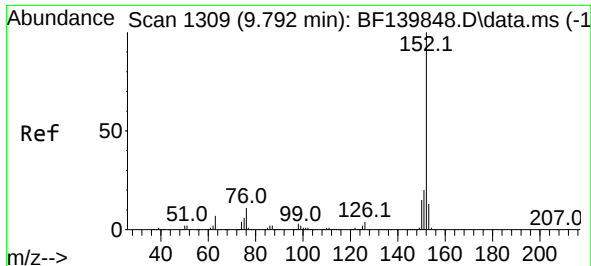
Tgt Ion:162 Resp: 802735
Ion Ratio Lower Upper
162 100
127 42.4 33.8 50.6
164 32.7 26.6 39.8



#48
2-Nitroaniline
Concen: 46.609 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion: 65 Resp: 277241
Ion Ratio Lower Upper
65 100
92 65.4 50.9 76.3
138 98.8 73.4 110.0





#49

Acenaphthylene

Concen: 44.780 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

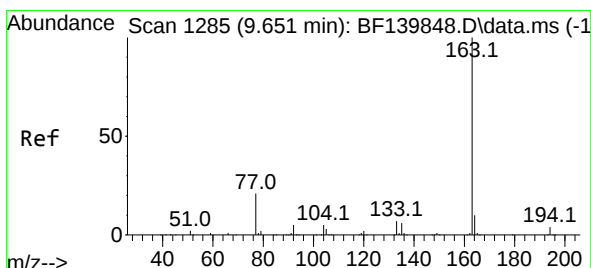
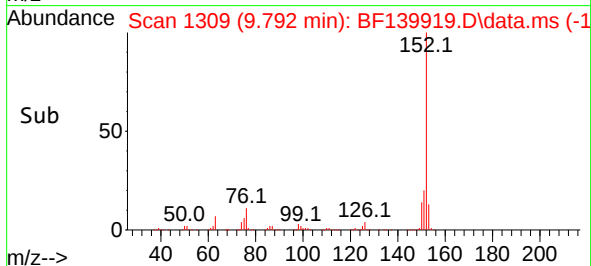
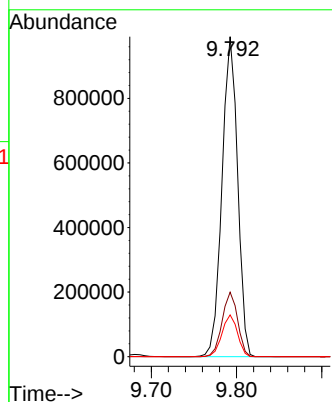
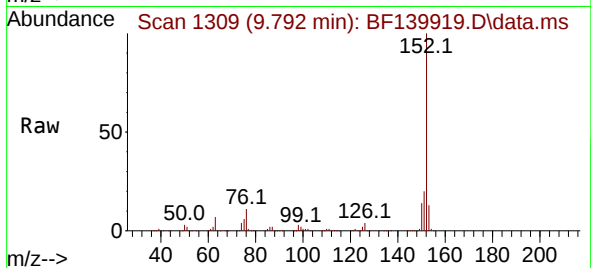
Tgt Ion:152 Resp: 1259069

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.1 10.7 16.1



#50

Dimethylphthalate

Concen: 43.402 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

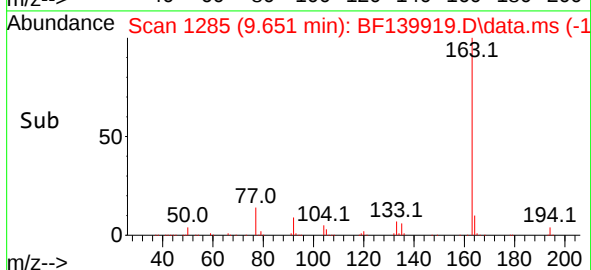
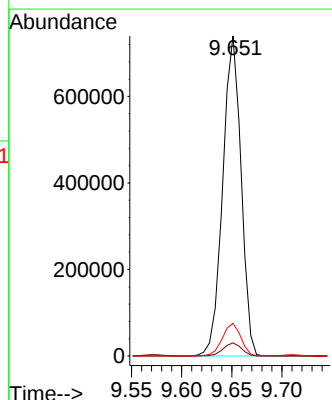
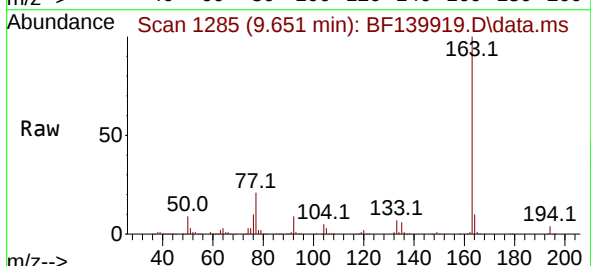
Tgt Ion:163 Resp: 937743

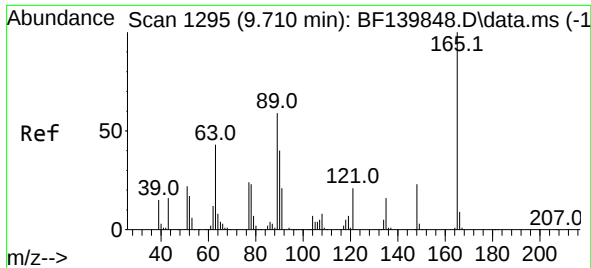
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.2 8.2 12.2

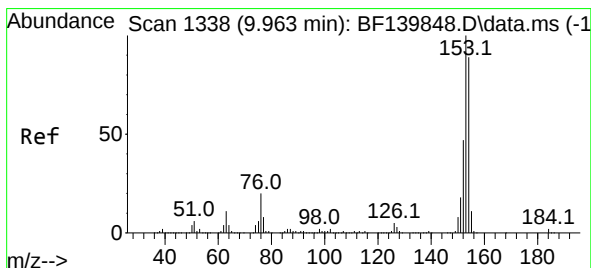
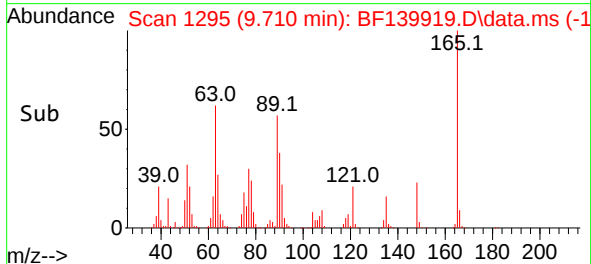
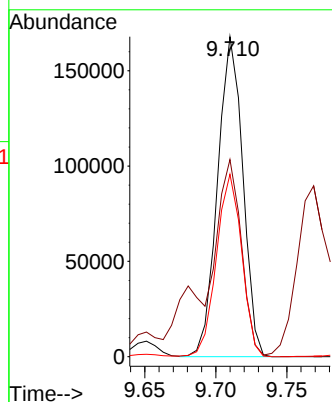
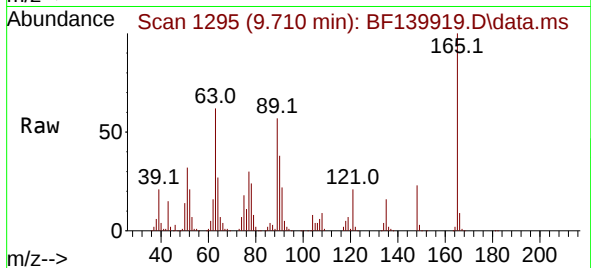




#51
2,6-Dinitrotoluene
Concen: 44.290 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

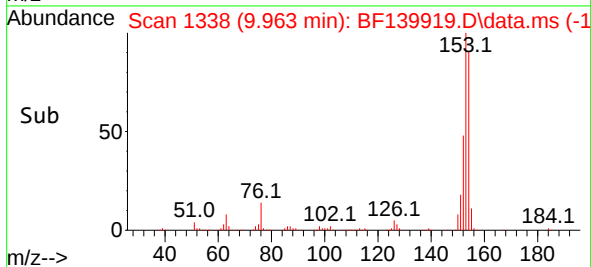
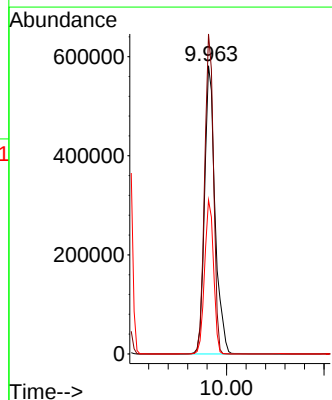
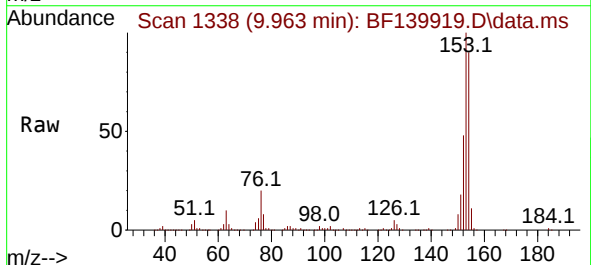
Instrument :
BNA_F
ClientSampleId :
PB164152BS

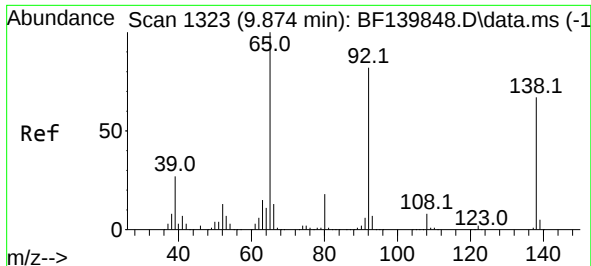
Tgt Ion:165 Resp: 207196
Ion Ratio Lower Upper
165 100
63 61.6 50.6 75.8
89 57.0 47.5 71.3



#52
Acenaphthene
Concen: 47.823 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion:154 Resp: 869838
Ion Ratio Lower Upper
154 100
153 111.1 89.8 134.6
152 53.4 42.4 63.6

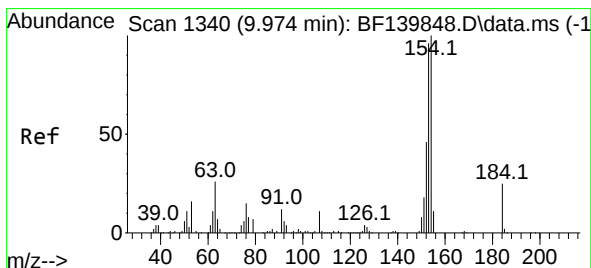
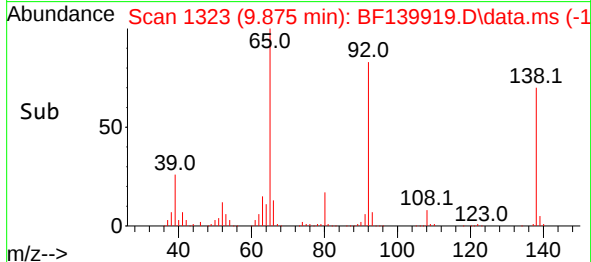
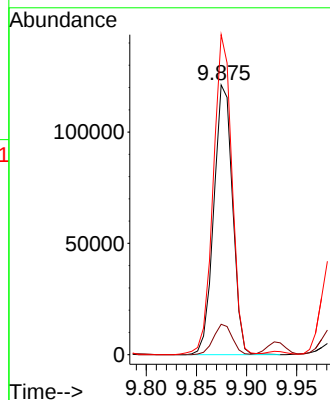
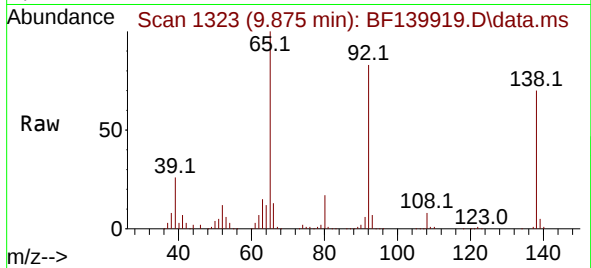




#53
3-Nitroaniline
Concen: 32.623 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

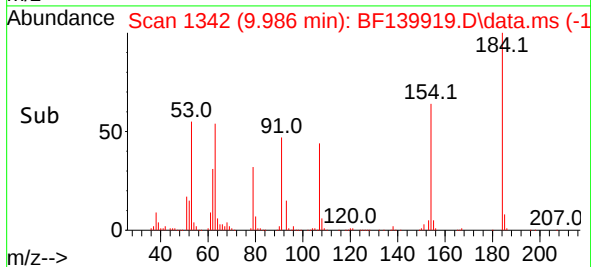
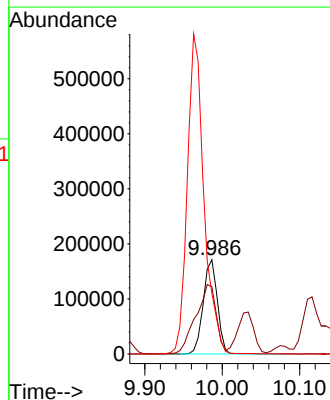
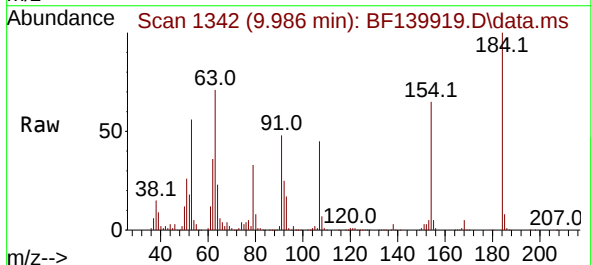
Instrument :
BNA_F
ClientSampleId :
PB164152BS

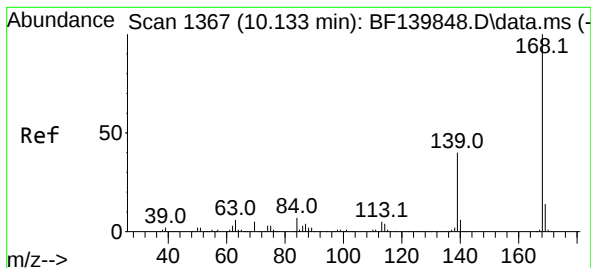
Tgt Ion:138 Resp: 157380
Ion Ratio Lower Upper
138 100
108 11.3 10.2 15.2
92 118.6 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 109.321 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion:184 Resp: 217546
Ion Ratio Lower Upper
184 100
63 71.3 84.7 127.1#
154 64.5 338.2 507.2#





#55

Dibenzenofuran

Concen: 42.886 ng

RT: 10.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

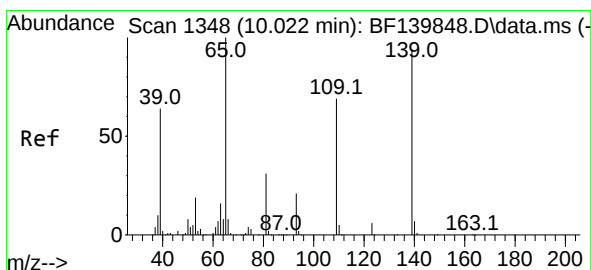
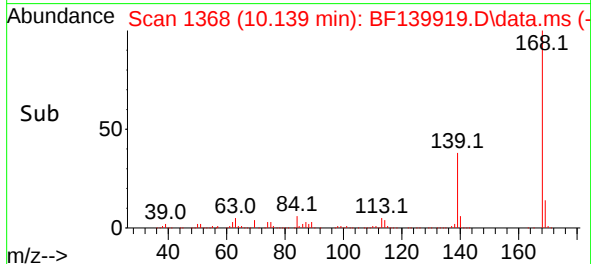
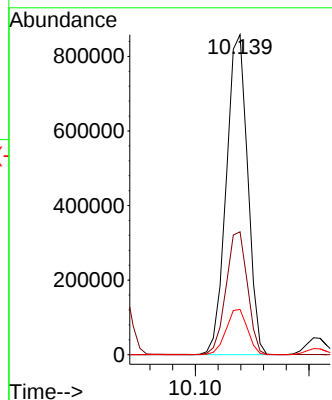
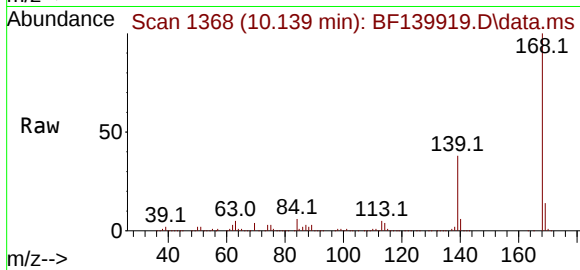
Tgt Ion:168 Resp: 1119174

Ion Ratio Lower Upper

168 100

139 38.4 31.8 47.6

169 14.1 11.6 17.4



#56

4-Nitrophenol

Concen: 95.471 ng

RT: 10.034 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

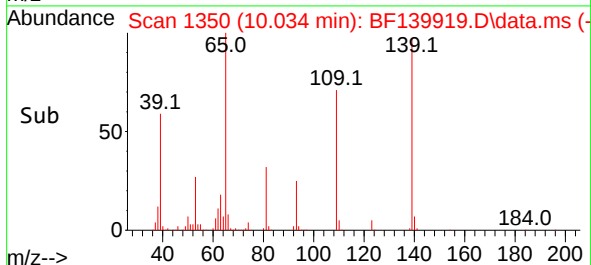
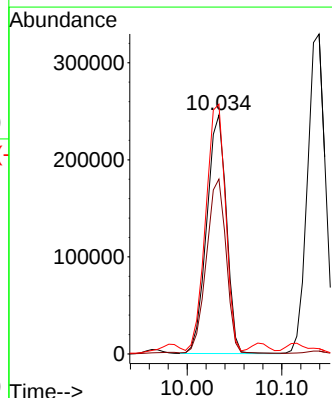
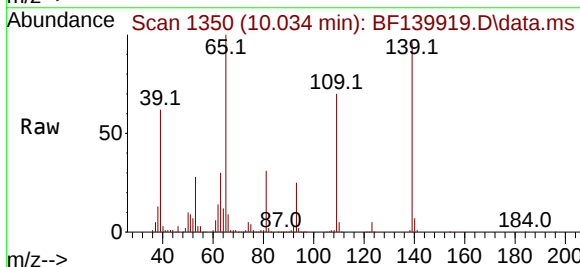
Tgt Ion:139 Resp: 354348

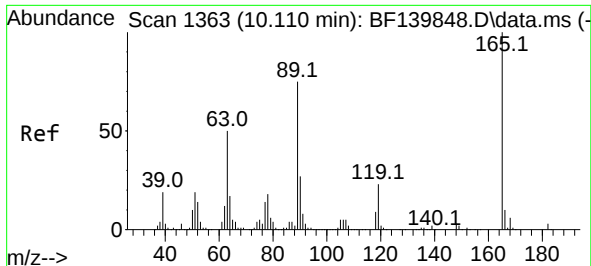
Ion Ratio Lower Upper

139 100

109 73.2 53.6 93.6

65 104.5 87.8 127.8

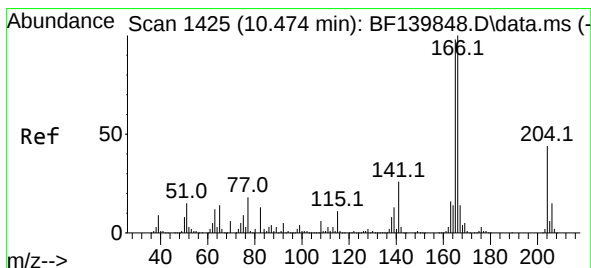
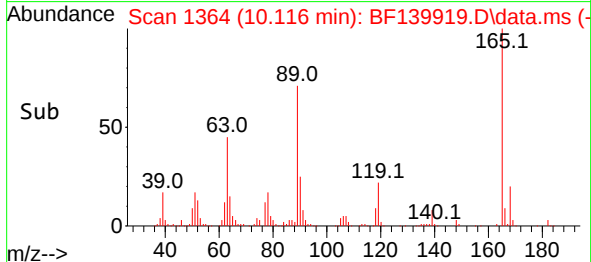
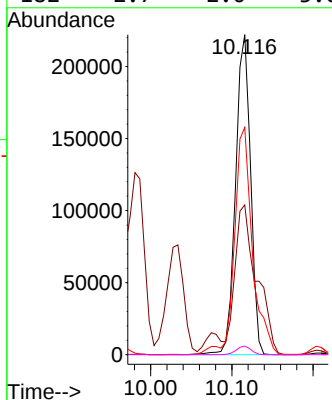
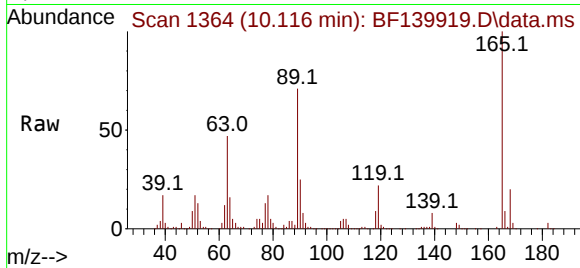




#57
2,4-Dinitrotoluene
Concen: 49.249 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

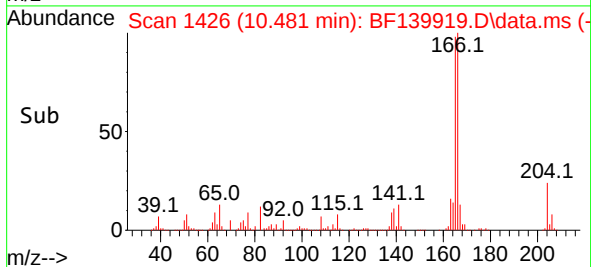
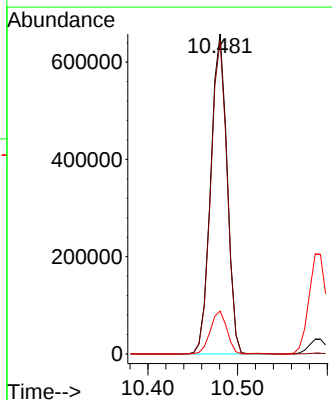
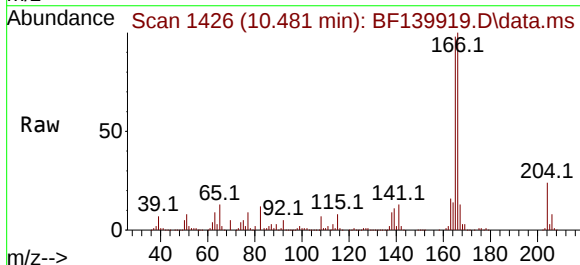
Instrument :
BNA_F
ClientSampleId :
PB164152BS

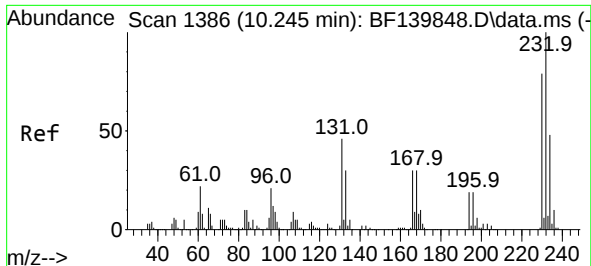
Tgt Ion:165 Resp: 283323
Ion Ratio Lower Upper
165 100
63 46.8 40.1 60.1
89 71.0 60.4 90.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 42.006 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion:166 Resp: 834937
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 13.4 10.9 16.3

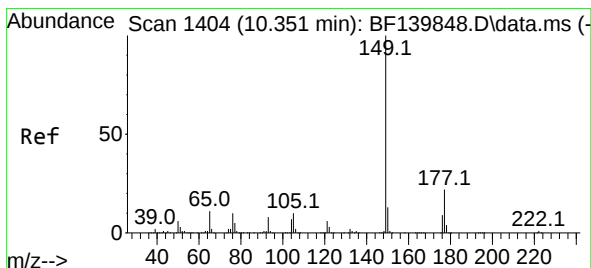
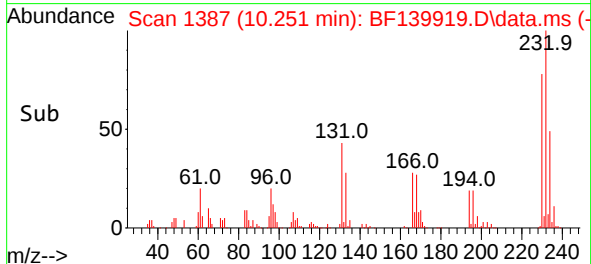
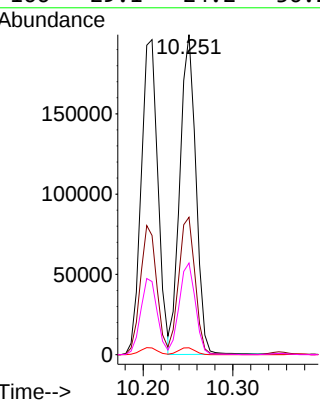
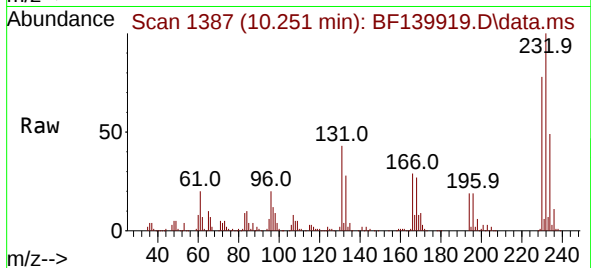




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.979 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

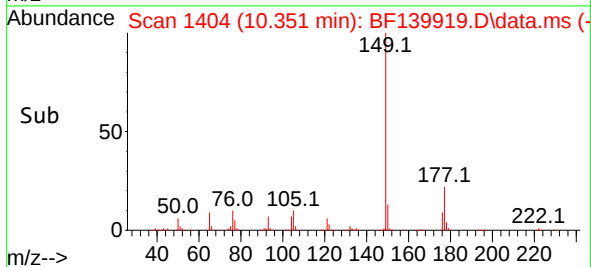
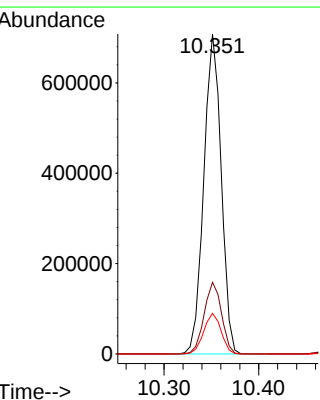
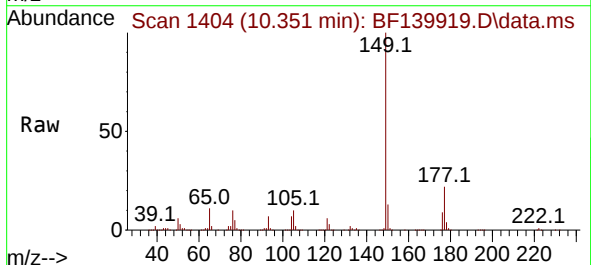
Instrument :
BNA_F
ClientSampleId :
PB164152BS

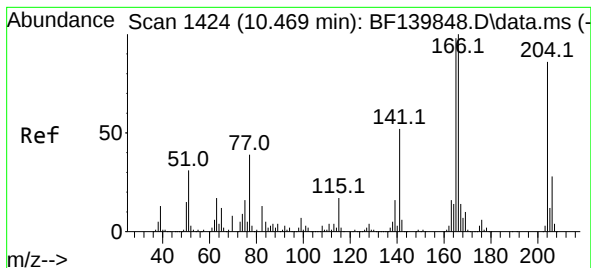
Tgt Ion:232 Resp: 246385
Ion Ratio Lower Upper
232 100
131 44.3 37.0 55.6
130 2.3 1.9 2.9
166 29.1 24.2 36.2



#60
Diethylphthalate
Concen: 42.637 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion:149 Resp: 904498
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.7 10.1 15.1

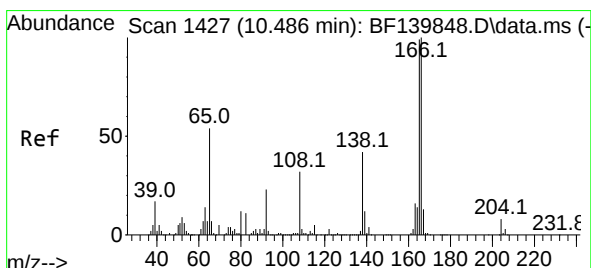
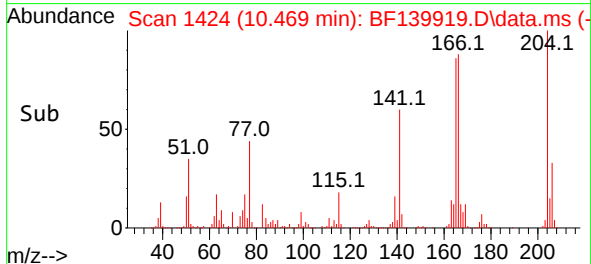
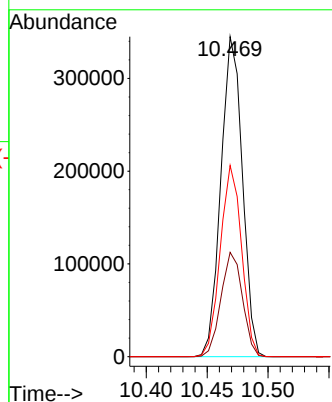
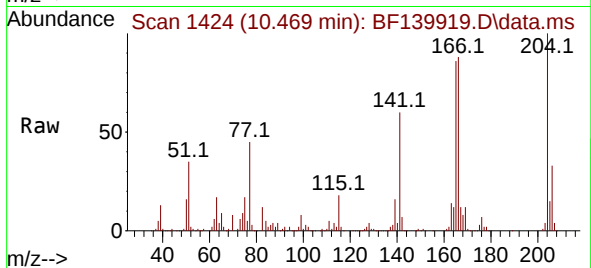




#61
4-Chlorophenyl-phenylether
Concen: 42.323 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

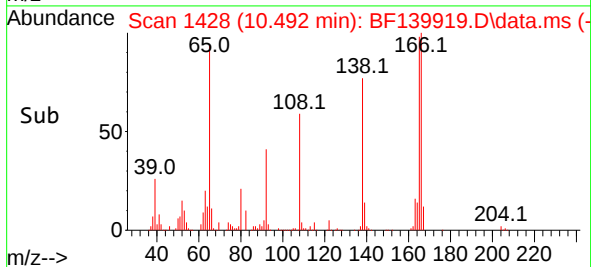
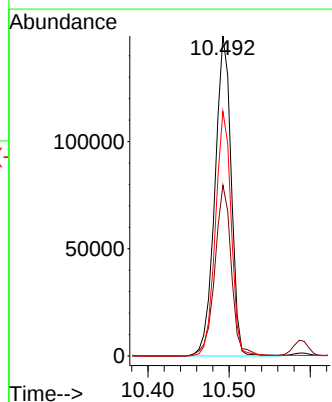
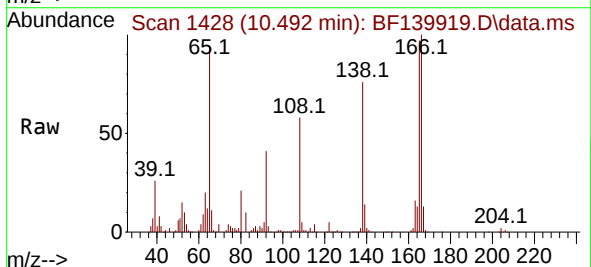
Instrument :
BNA_F
ClientSampleId :
PB164152BS

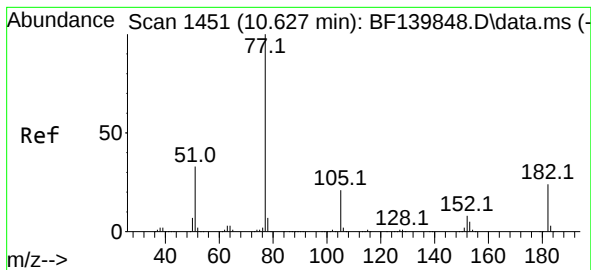
Tgt Ion:204 Resp: 424831
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 59.7 48.6 73.0



#62
4-Nitroaniline
Concen: 45.692 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion:138 Resp: 208188
Ion Ratio Lower Upper
138 100
92 53.4 35.7 75.7
108 76.4 57.5 97.5

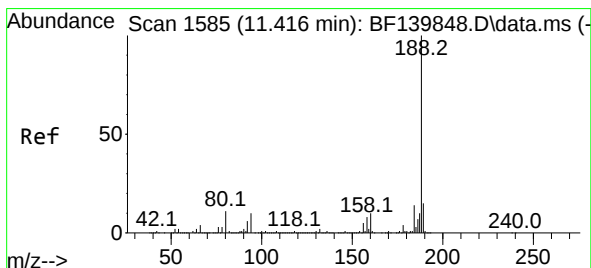
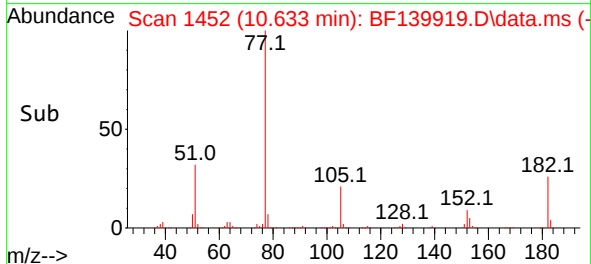
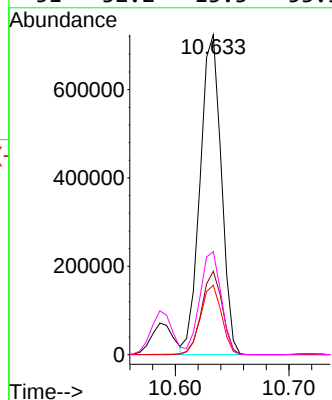
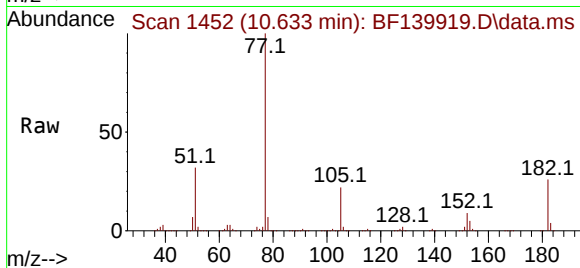




#63
Azobenzene
Concen: 41.690 ng
RT: 10.633 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

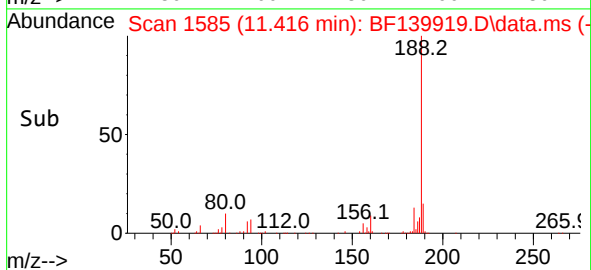
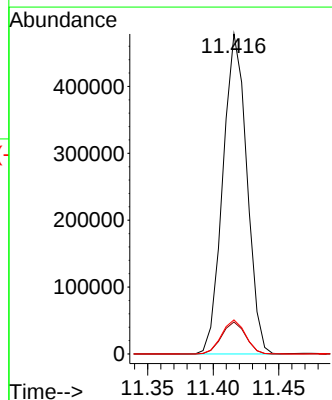
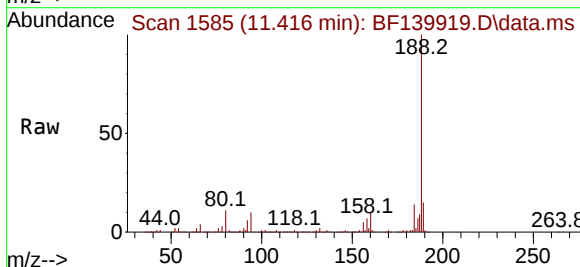
Instrument :
BNA_F
ClientSampleId :
PB164152BS

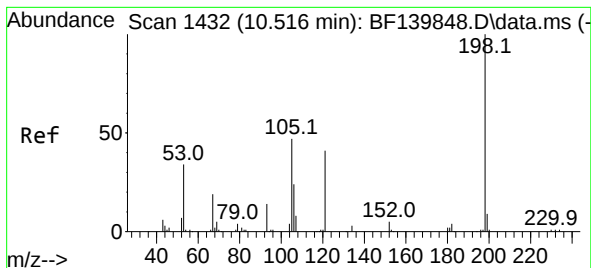
Tgt Ion: 77	Resp: 937600
Ion Ratio	Lower Upper
77 100	
182 26.1	3.3 43.3
105 21.7	1.2 41.2
51 32.2	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion:188	Resp: 608883
Ion Ratio	Lower Upper
188 100	
94 10.0	7.9 11.9
80 10.6	9.0 13.4

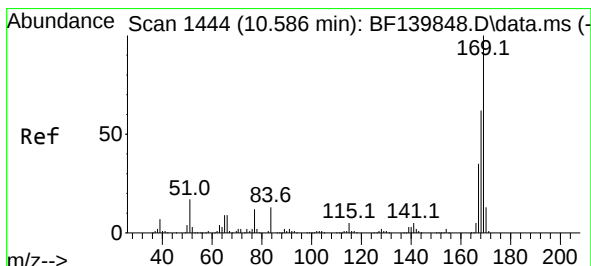
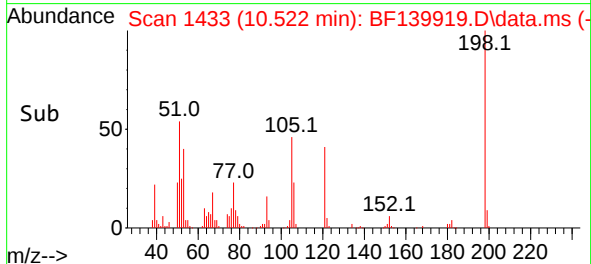
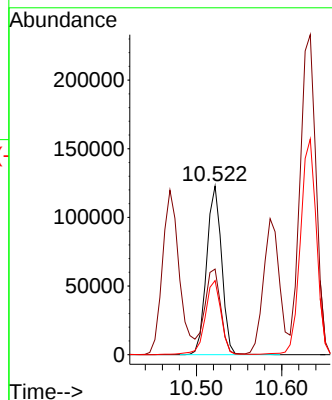
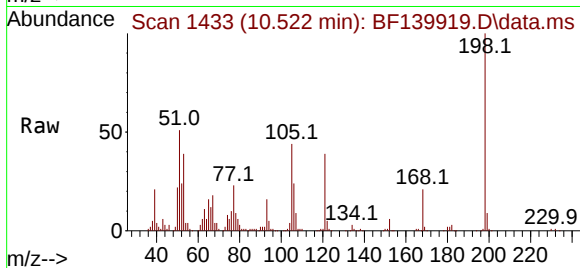




#65
4,6-Dinitro-2-methylphenol
Concen: 60.434 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

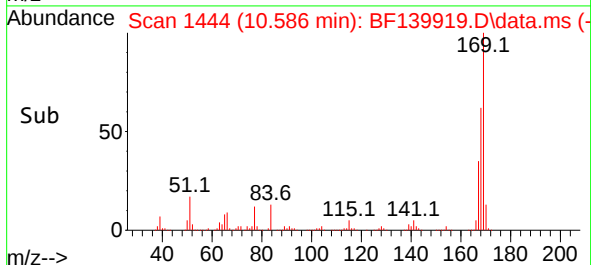
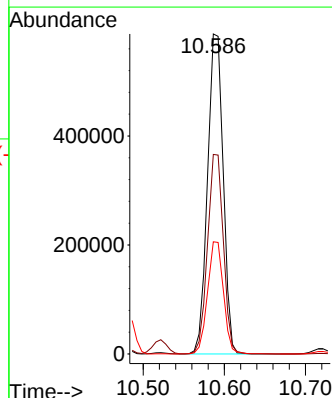
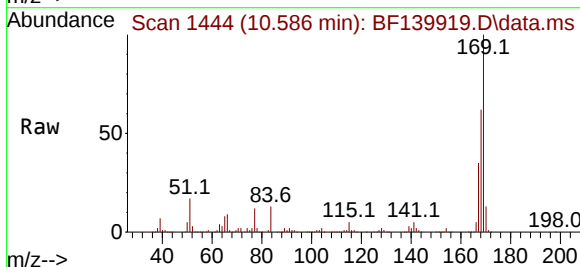
Instrument :
BNA_F
ClientSampleId :
PB164152BS

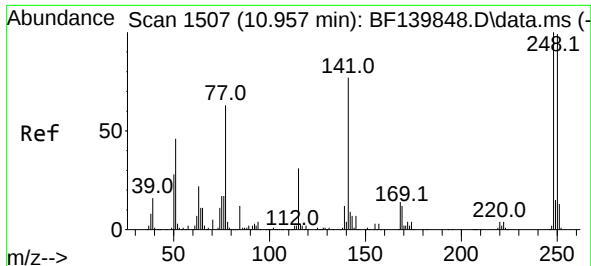
Tgt Ion:198 Resp: 150094
Ion Ratio Lower Upper
198 100
51 50.8 38.2 78.2
105 43.9 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 43.059 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion:169 Resp: 784694
Ion Ratio Lower Upper
169 100
168 62.4 49.8 74.6
167 35.0 28.0 42.0

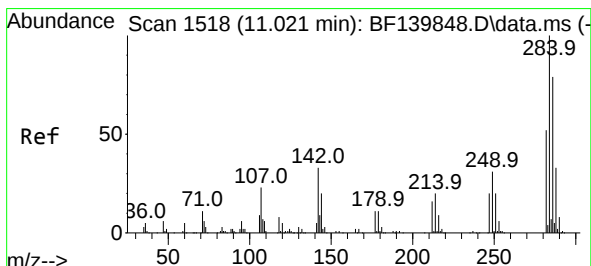
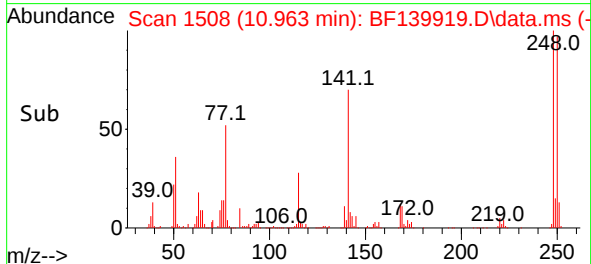
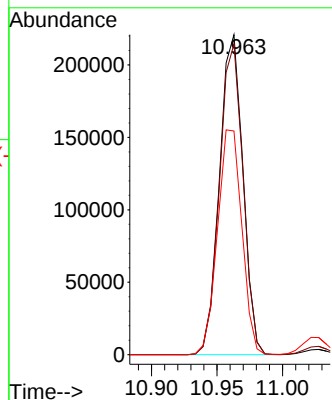
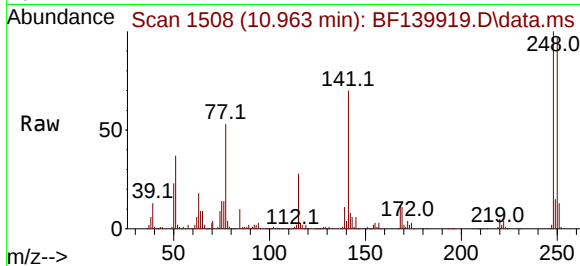




#67
4-Bromophenyl-phenylether
Concen: 43.868 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

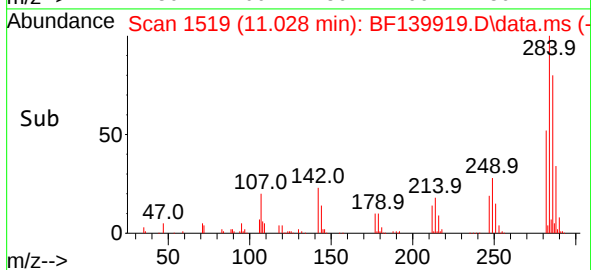
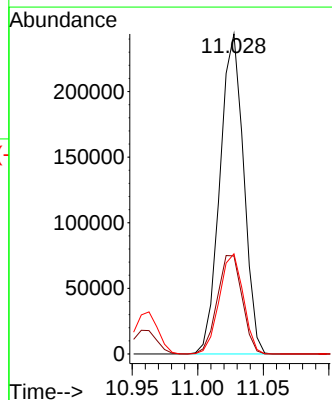
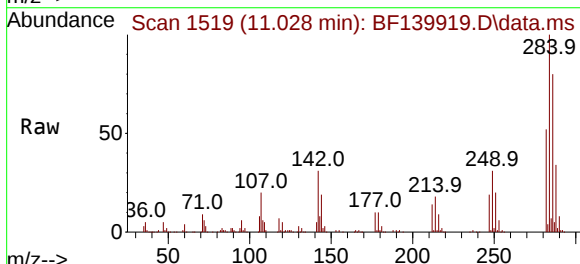
Instrument :
BNA_F
ClientSampleId :
PB164152BS

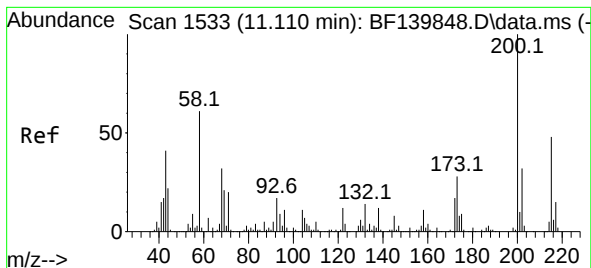
Tgt Ion:248 Resp: 275166
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.6
141 69.9 61.7 92.5



#68
Hexachlorobenzene
Concen: 43.449 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion:284 Resp: 306517
Ion Ratio Lower Upper
284 100
142 30.7 26.9 40.3
249 31.3 25.3 37.9





#69

Atrazine

Concen: 49.850 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

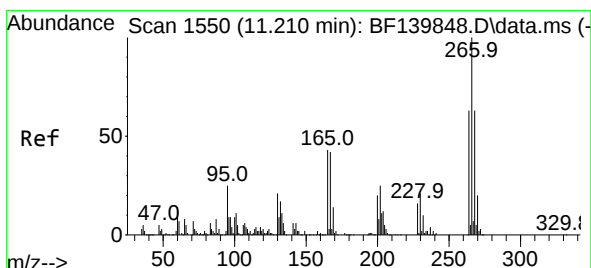
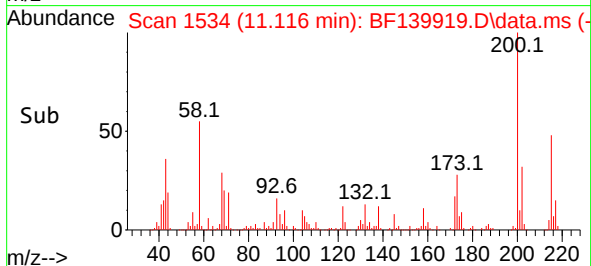
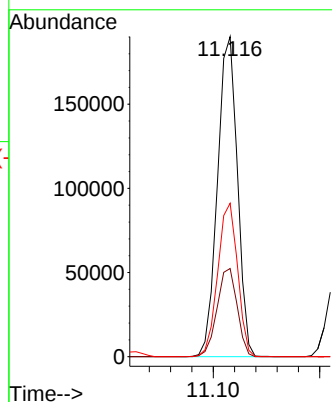
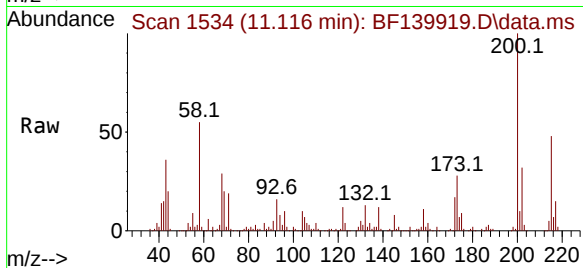
Tgt Ion:200 Resp: 246087

Ion Ratio Lower Upper

200 100

173 27.5 7.7 47.7

215 47.9 27.7 67.7



#70

Pentachlorophenol

Concen: 90.586 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

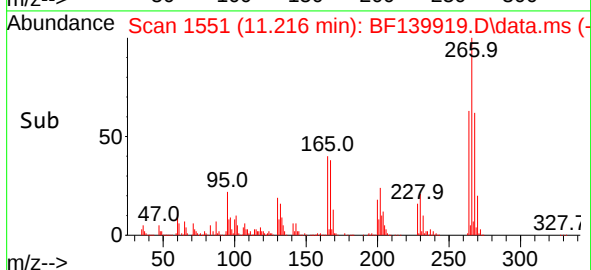
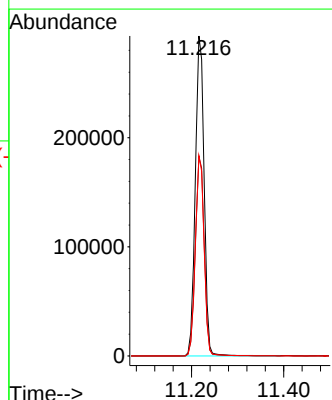
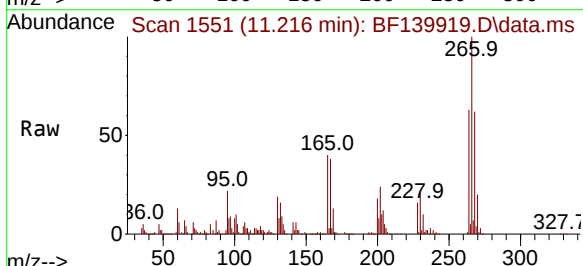
Tgt Ion:266 Resp: 387844

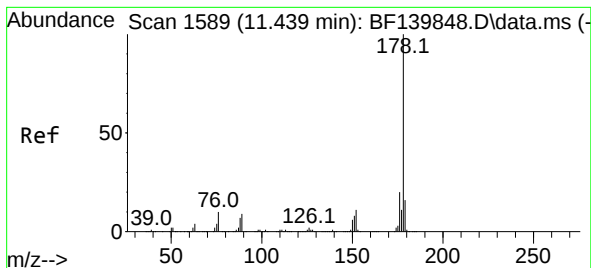
Ion Ratio Lower Upper

266 100

268 62.4 50.4 75.6

264 62.5 50.6 75.8





#71

Phenanthrene

Concen: 43.544 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

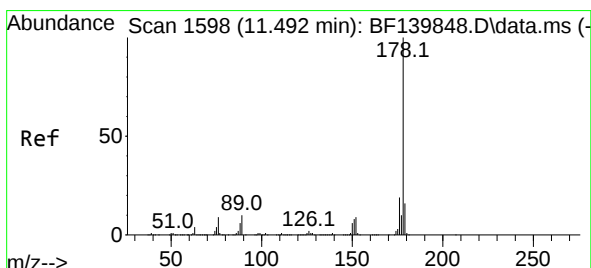
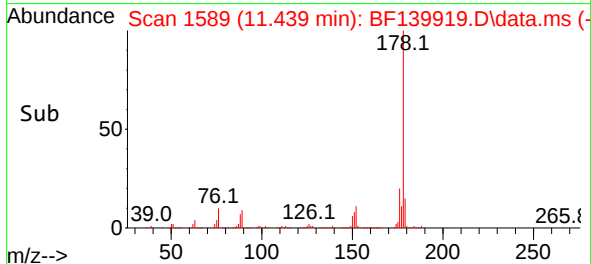
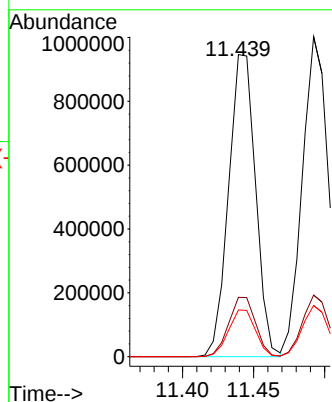
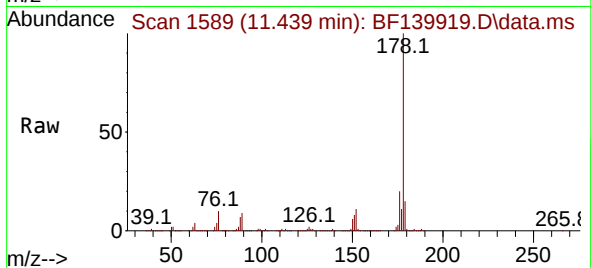
Tgt Ion:178 Resp: 1252382

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.5 12.6 18.8



#72

Anthracene

Concen: 45.149 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

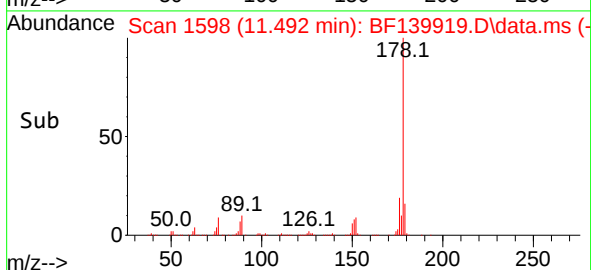
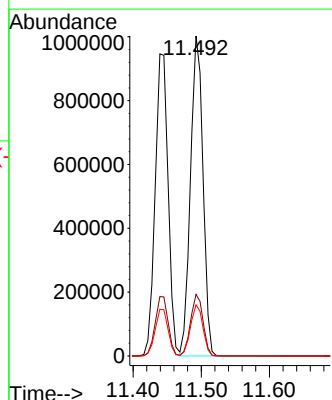
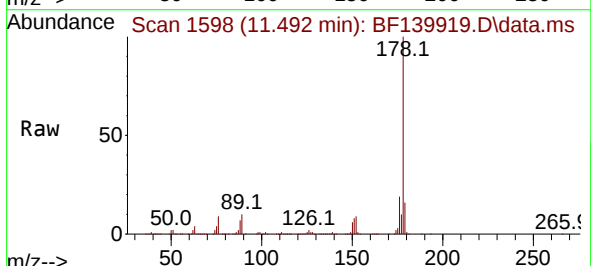
Tgt Ion:178 Resp: 1266966

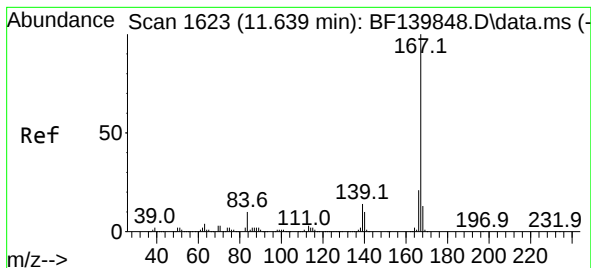
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 16.0 12.4 18.6





#73

Carbazole

Concen: 42.505 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

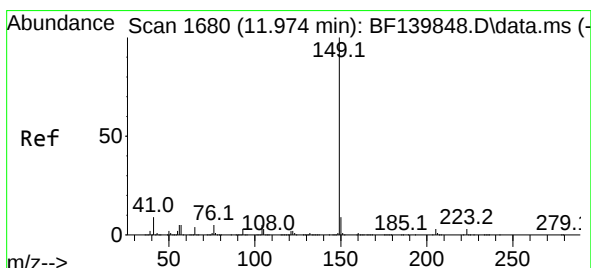
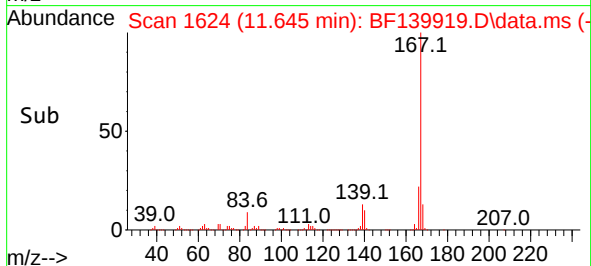
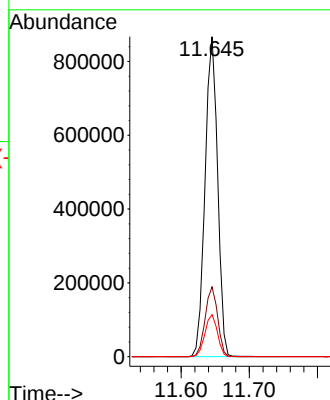
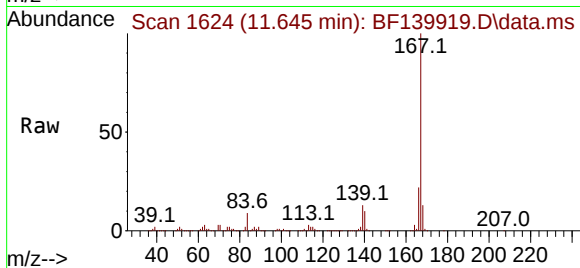
Tgt Ion:167 Resp: 1109306

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

139 13.2 10.8 16.2



#74

Di-n-butylphthalate

Concen: 42.806 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

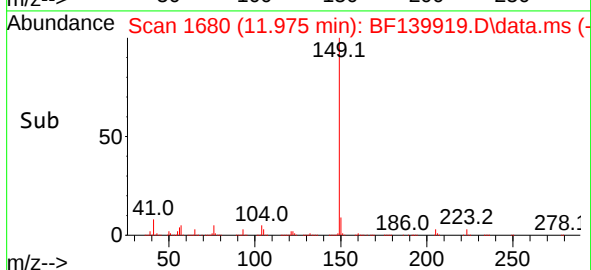
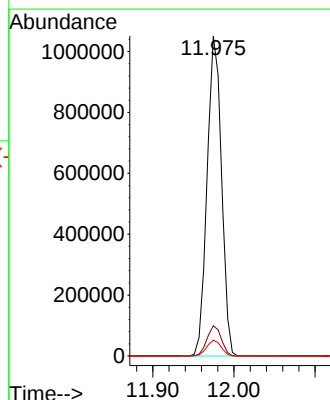
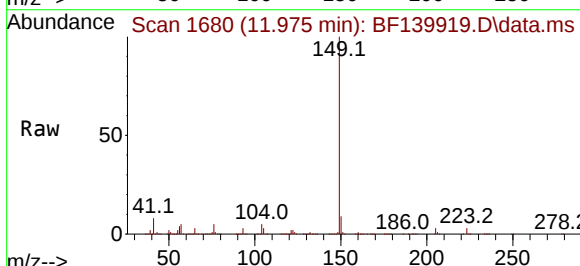
Tgt Ion:149 Resp: 1290685

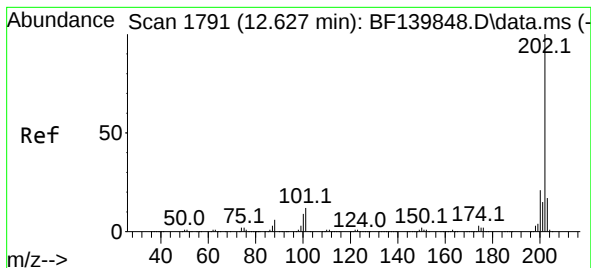
Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 4.9 4.1 6.1

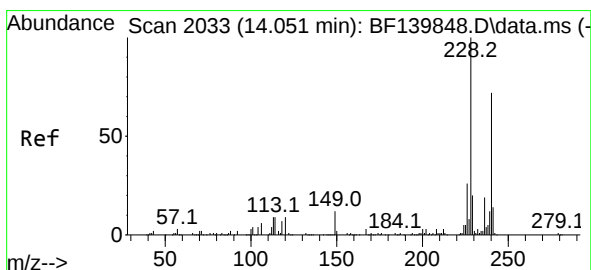
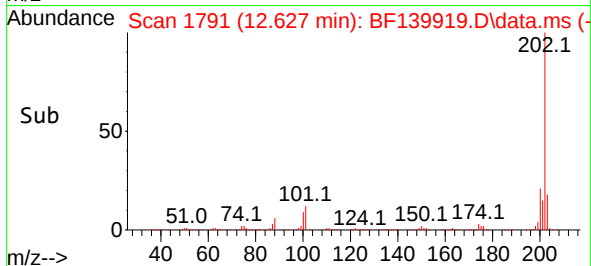
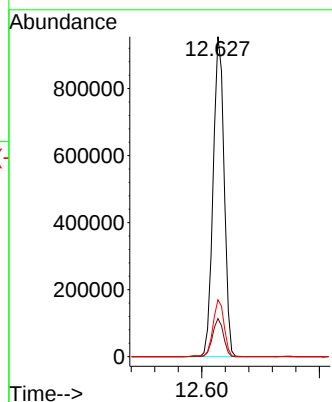
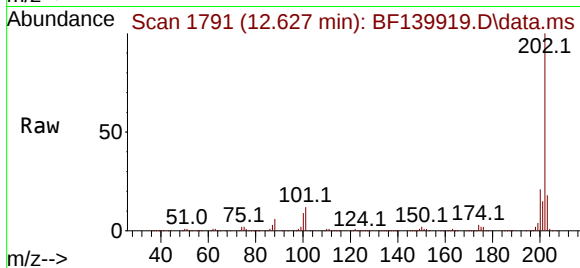




#75
Fluoranthene
Concen: 42.581 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

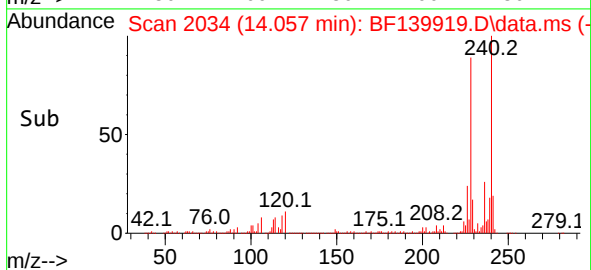
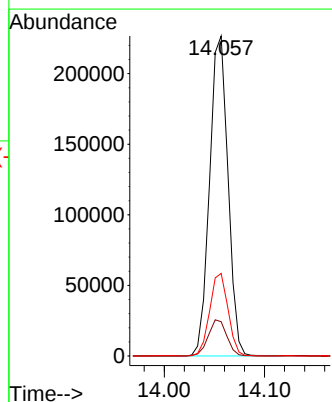
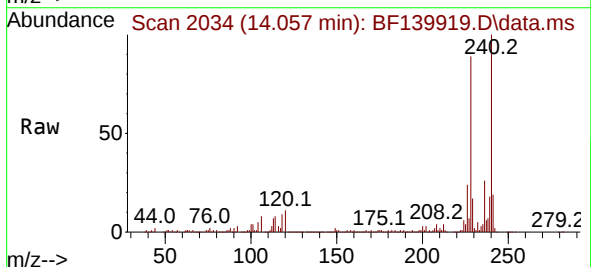
Instrument :
BNA_F
ClientSampleId :
PB164152BS

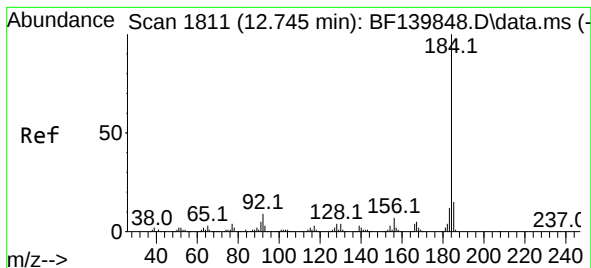
Tgt Ion:202 Resp: 1238050
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.9
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139919.D
Acq: 22 Oct 2024 10:36

Tgt Ion:240 Resp: 289688
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 25.8 20.9 31.3





#77

Benzidine

Concen: 55.822 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

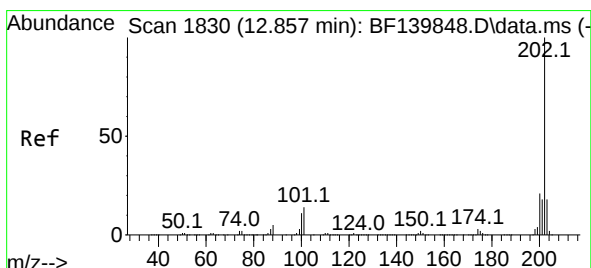
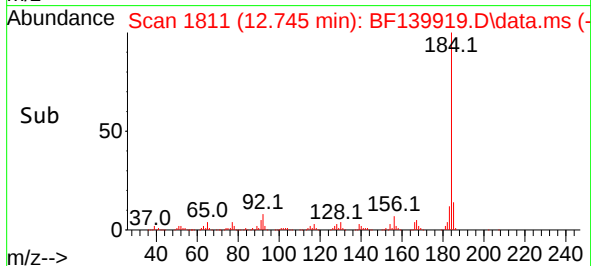
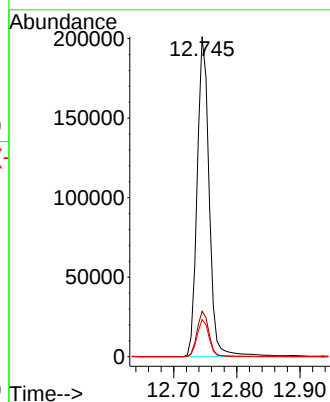
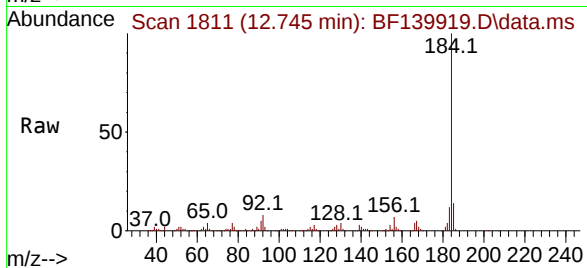
Tgt Ion:184 Resp: 265907

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

183 11.6 9.4 14.2



#78

Pyrene

Concen: 48.982 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

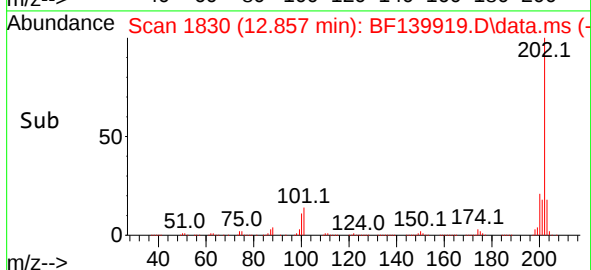
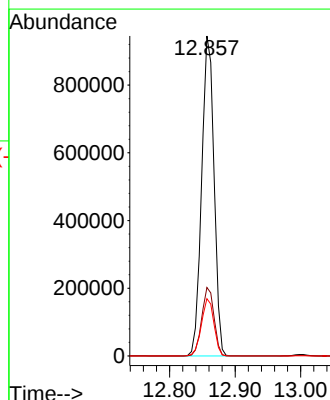
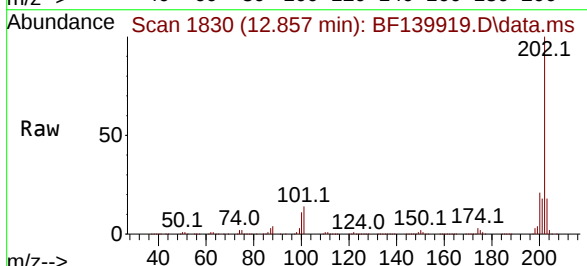
Tgt Ion:202 Resp: 1242058

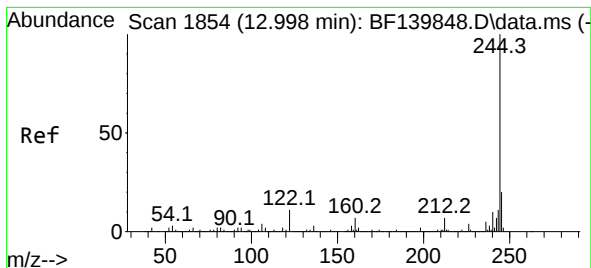
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 98.679 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

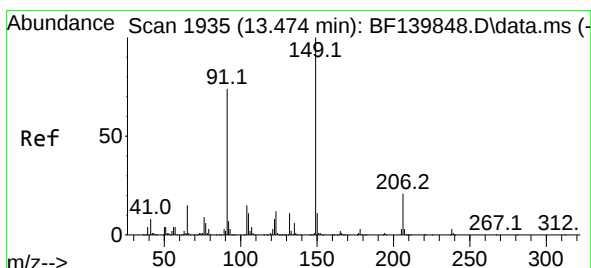
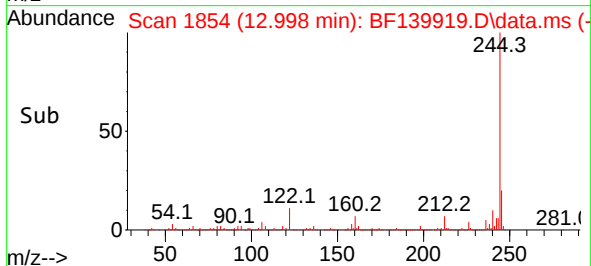
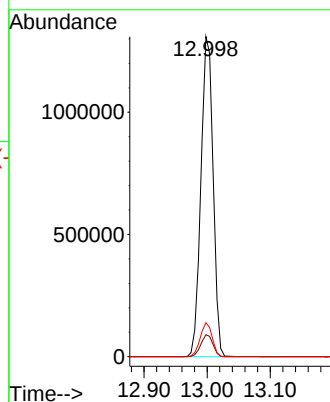
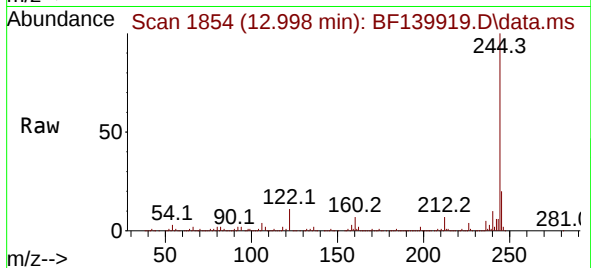
Tgt Ion:244 Resp: 1754305

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 10.6 8.6 13.0



#80

Butylbenzylphthalate

Concen: 48.764 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

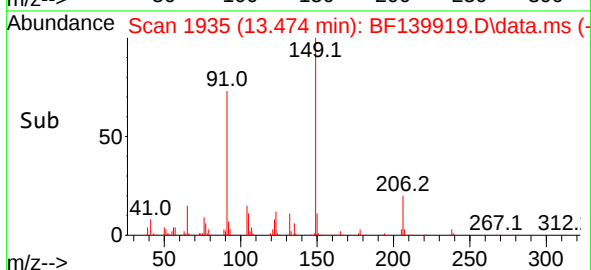
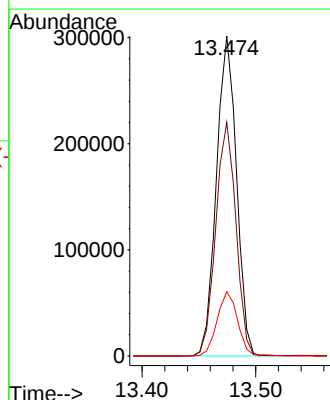
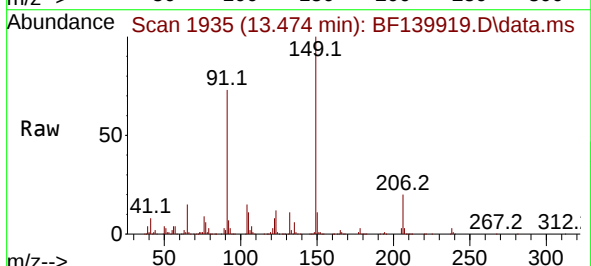
Tgt Ion:149 Resp: 370712

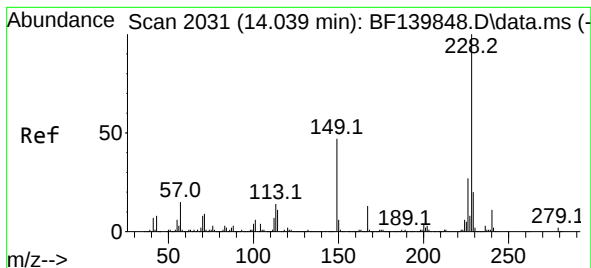
Ion Ratio Lower Upper

149 100

91 73.0 59.4 89.2

206 20.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 45.434 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

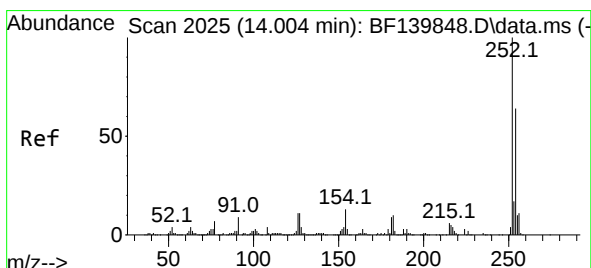
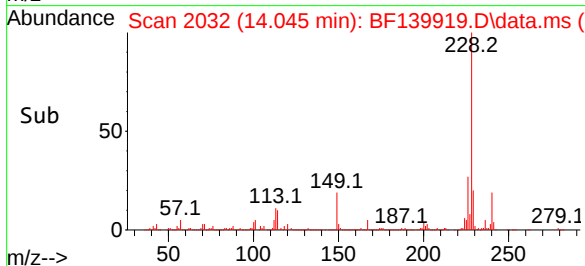
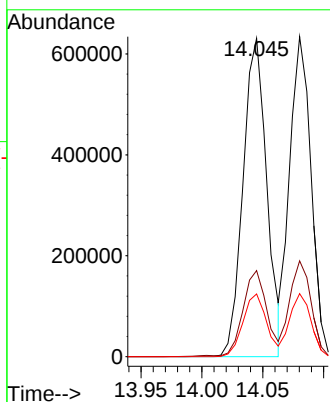
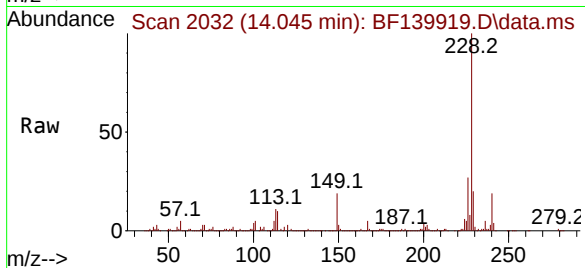
Tgt Ion:228 Resp: 856782

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 35.347 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

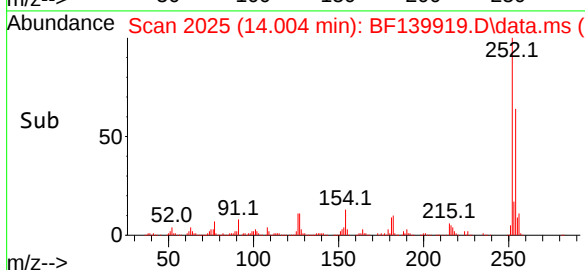
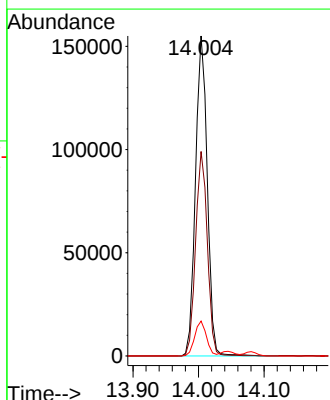
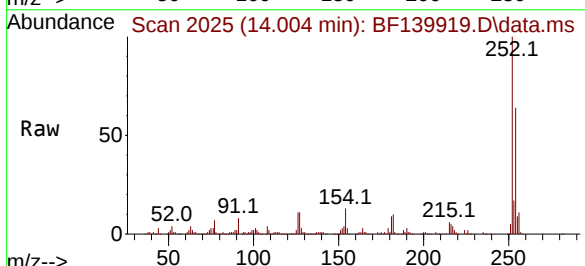
Tgt Ion:252 Resp: 194348

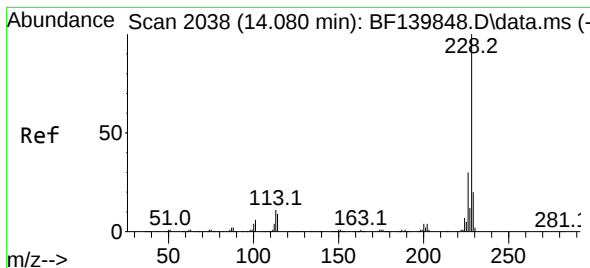
Ion Ratio Lower Upper

252 100

254 63.9 50.8 76.2

126 10.9 8.9 13.3





#83

Chrysene

Concen: 45.082 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

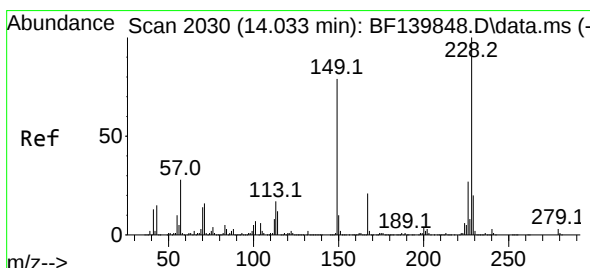
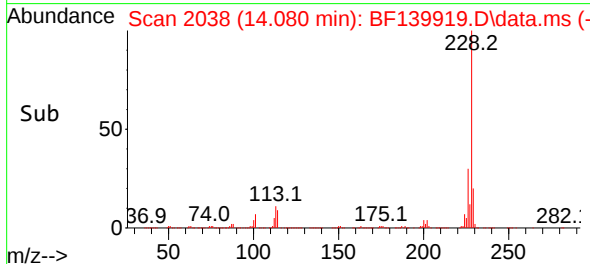
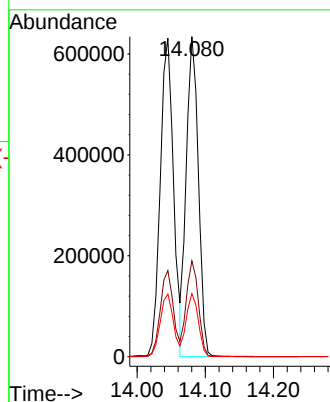
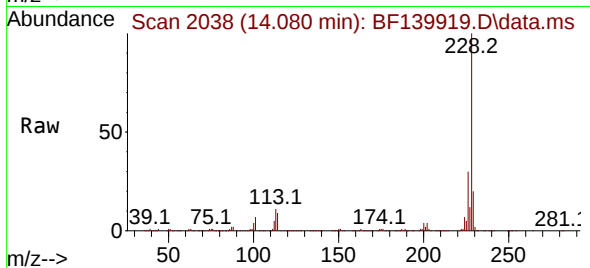
Tgt Ion:228 Resp: 779473

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.723 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

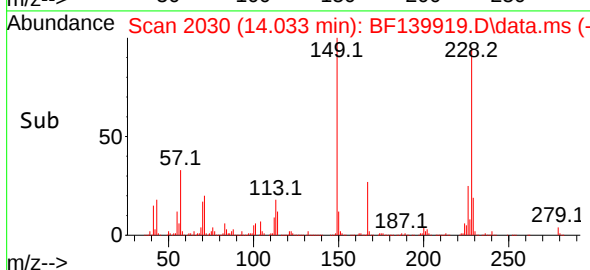
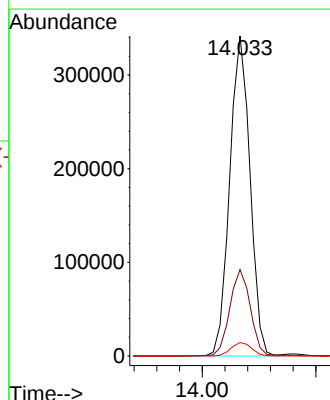
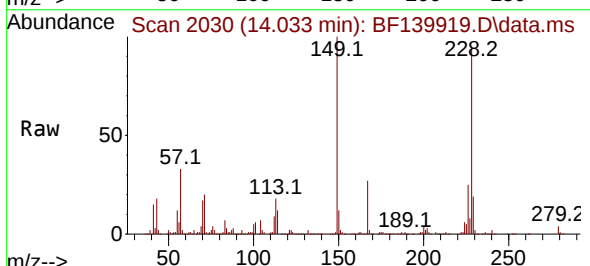
Tgt Ion:149 Resp: 424096

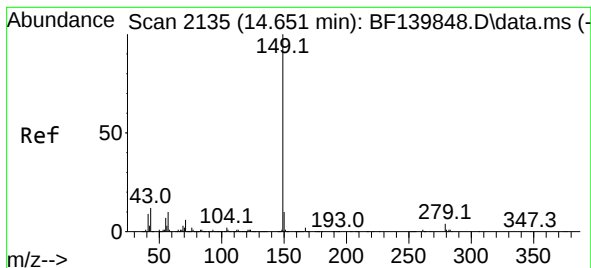
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 51.216 ng

RT: 14.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

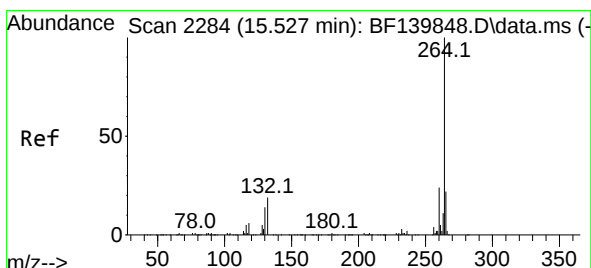
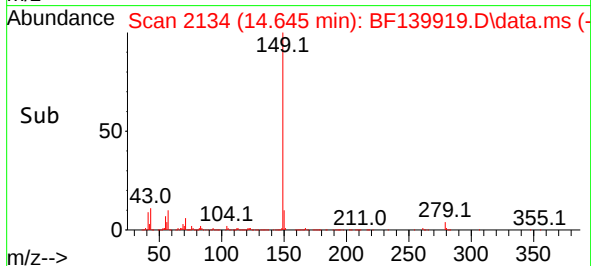
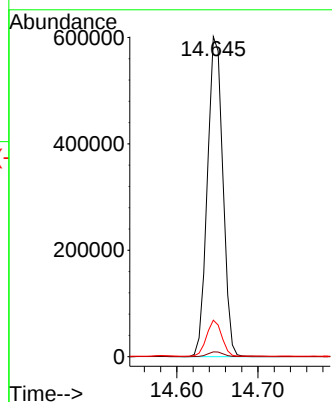
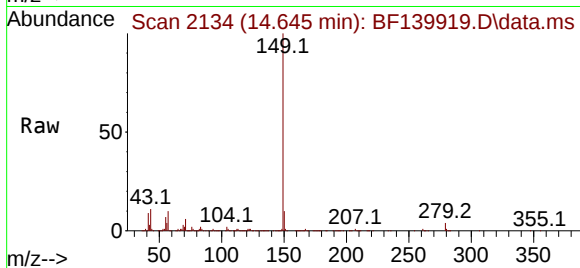
Tgt Ion:149 Resp: 794552

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.9 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

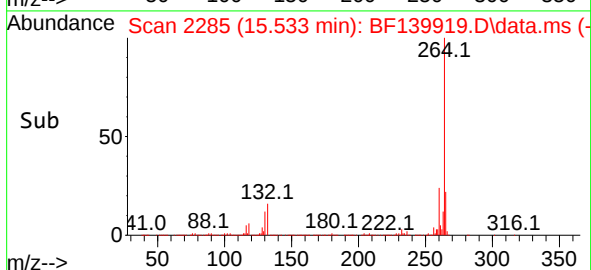
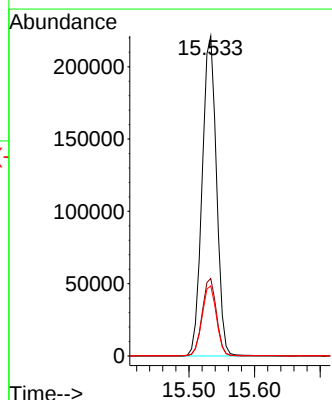
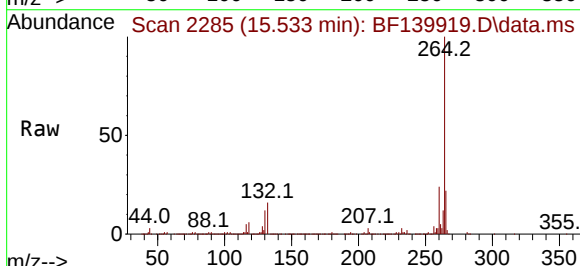
Tgt Ion:264 Resp: 337140

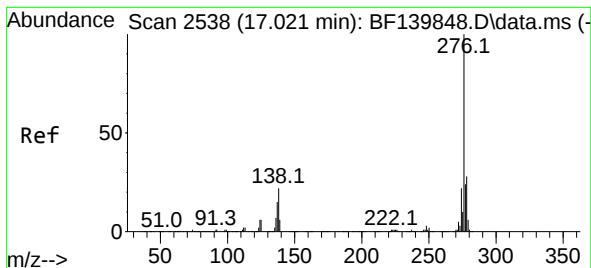
Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.708 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

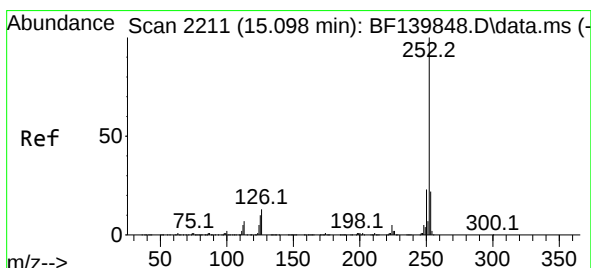
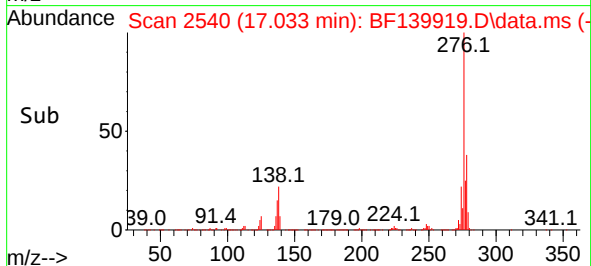
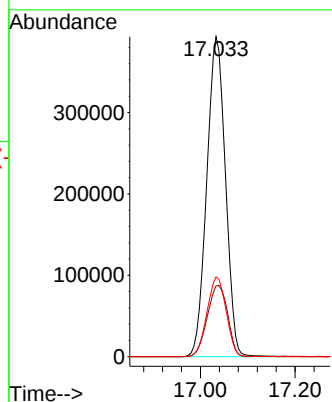
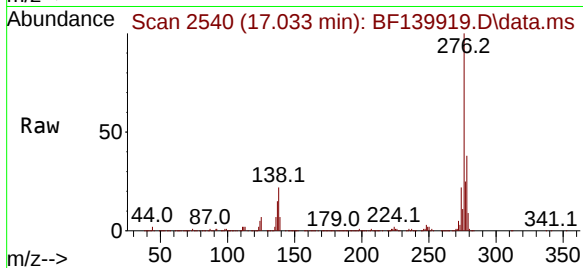
Tgt Ion:276 Resp: 1078125

Ion Ratio Lower Upper

276 100

138 24.2 20.4 30.6

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 42.942 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

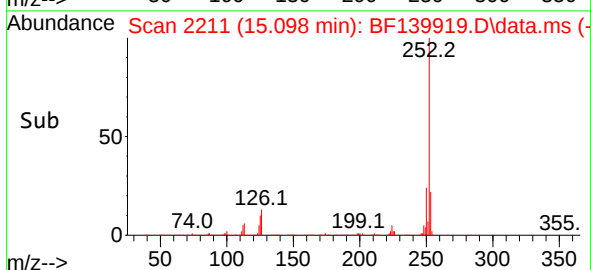
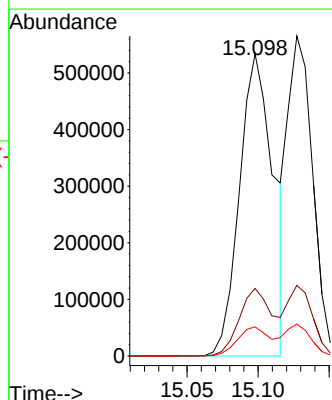
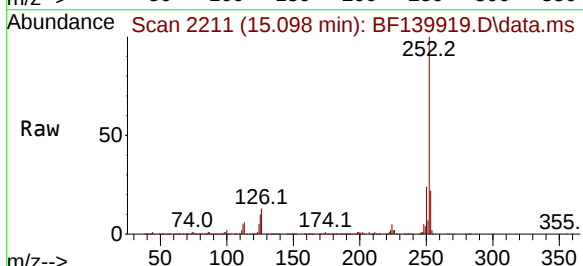
Tgt Ion:252 Resp: 881907

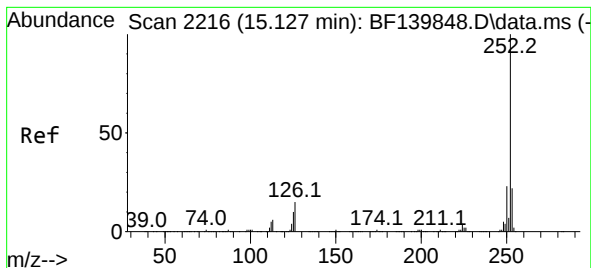
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 39.166 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB164152BS

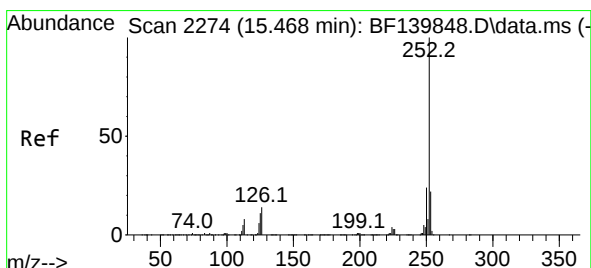
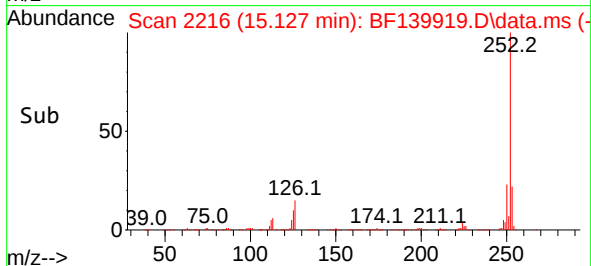
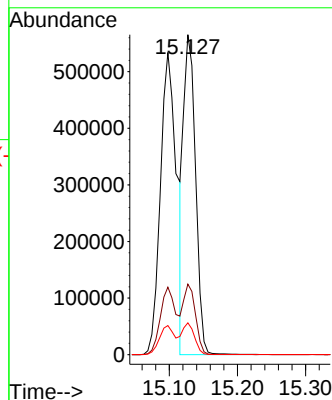
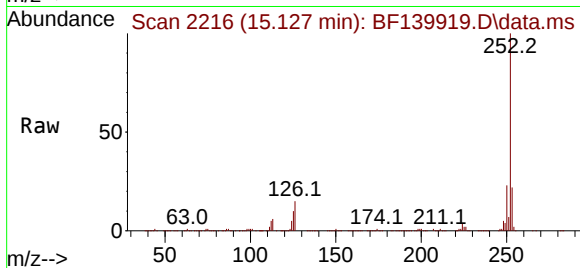
Tgt Ion:252 Resp: 693694

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.0 7.9 11.9



#90

Benzo(a)pyrene

Concen: 46.697 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139919.D

Acq: 22 Oct 2024 10:36

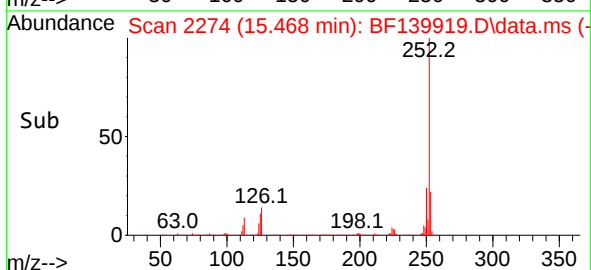
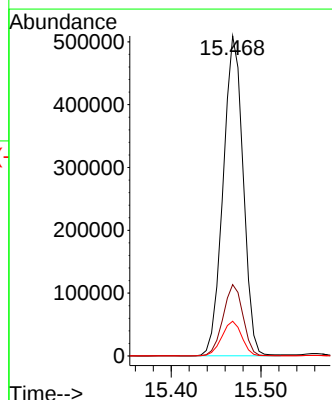
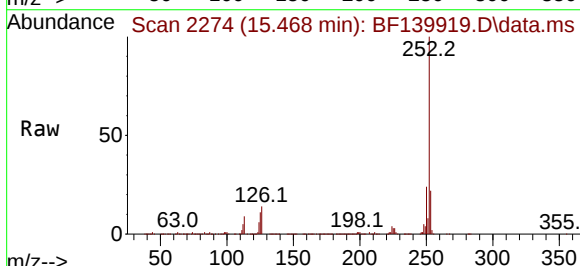
Tgt Ion:252 Resp: 789113

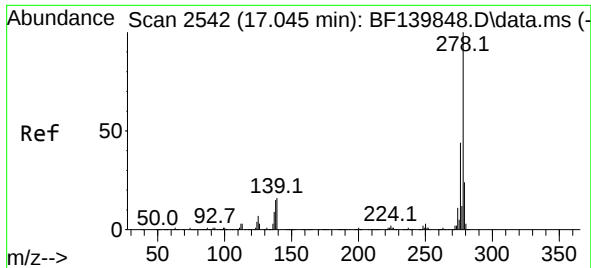
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 10.9 8.7 13.1

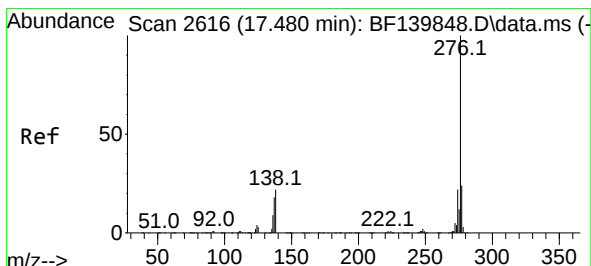
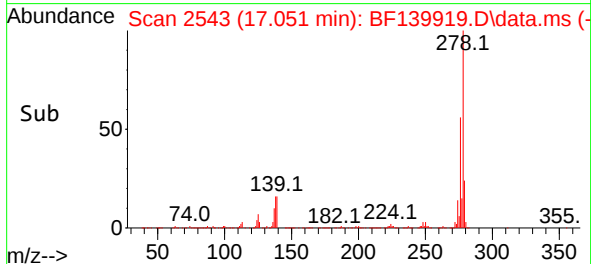
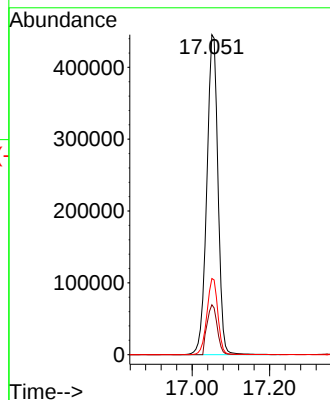
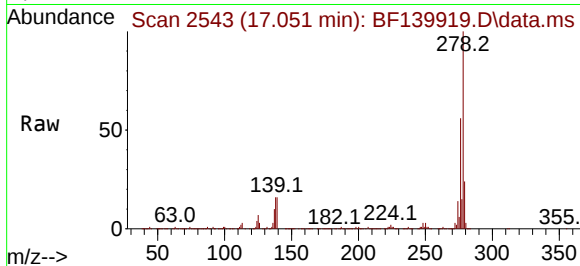




#91
 Dibenzo(a,h)anthracene
 Concen: 49.196 ng
 RT: 17.051 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF139919.D
 Acq: 22 Oct 2024 10:36

Instrument :
 BNA_F
 ClientSampleId :
 PB164152BS

Tgt Ion:278 Resp: 890134
 Ion Ratio Lower Upper
 278 100
 139 15.6 13.1 19.7
 279 23.8 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 46.825 ng
 RT: 17.486 min Scan# 2617
 Delta R.T. 0.006 min
 Lab File: BF139919.D
 Acq: 22 Oct 2024 10:36

Tgt Ion:276 Resp: 846268
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.0 28.6
 138 21.0 17.4 26.0

