

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093024\
 Data File : BF139574.D
 Acq On : 30 Sep 2024 12:56
 Operator : RC/JU
 Sample : PB163743BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163743BS

Quant Time: Sep 30 19:44:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	77016	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	288772	20.000	ng	#-0.02
39) Acenaphthene-d10	9.898	164	163496	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	317453	20.000	ng	-0.01
76) Chrysene-d12	14.021	240	166546	20.000	ng	#-0.01
86) Perylene-d12	15.480	264	153390	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	663489	140.540	ng	0.00
7) Phenol-d6	6.504	99	880322	142.064	ng	0.00
23) Nitrobenzene-d5	7.433	82	579619	94.361	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	232415	133.525	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1073854	92.119	ng	-0.01
79) Terphenyl-d14	12.968	244	1113870	109.777	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	92605	48.892	ng	95
3) Pyridine	3.463	79	241784	57.898	ng	96
4) n-Nitrosodimethylamine	3.422	42	166257	45.933	ng	# 75
6) Aniline	6.528	93	296447	63.392	ng	# 76
8) 2-Chlorophenol	6.651	128	264380	54.403	ng	98
9) Benzaldehyde	6.416	77	44762	12.503	ng	96
10) Phenol	6.516	94	339531	53.798	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	258337	53.856	ng	100
12) 1,3-Dichlorobenzene	6.810	146	275030	49.763	ng	97
13) 1,4-Dichlorobenzene	6.886	146	278298	49.829	ng	98
14) 1,2-Dichlorobenzene	7.033	146	265802	50.366	ng	98
15) Benzyl Alcohol	7.010	79	250024	50.573	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.139	45	470003	63.578	ng	96
17) 2-Methylphenol	7.122	107	212063	54.923	ng	97
18) Hexachloroethane	7.375	117	104711	49.223	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	195469	53.232	ng	97
20) 3+4-Methylphenols	7.275	107	266963	50.679	ng	92
22) Acetophenone	7.275	105	357157	47.310	ng	99
24) Nitrobenzene	7.451	77	298383	47.197	ng	97
25) Isophorone	7.686	82	533914	54.960	ng	99
26) 2-Nitrophenol	7.763	139	136620	55.468	ng	89
27) 2,4-Dimethylphenol	7.798	122	212428	65.383	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	307182	55.482	ng	99
29) 2,4-Dichlorophenol	8.004	162	218317	52.894	ng	100
30) 1,2,4-Trichlorobenzene	8.086	180	225976	46.989	ng	97
31) Naphthalene	8.169	128	769921	51.071	ng	99
32) Benzoic acid	7.922	122	157088	51.666	ng	90
33) 4-Chloroaniline	8.216	127	170900	37.056	ng	97
34) Hexachlorobutadiene	8.280	225	150600	46.093	ng	99
35) Caprolactam	8.586	113	47321	37.271	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	245908	52.132	ng	96
37) 2-Methylnaphthalene	8.857	142	501271	52.385	ng	99
38) 1-Methylnaphthalene	8.957	142	463872	49.377	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	231805	47.839	ng	98
41) Hexachlorocyclopentadiene	9.010	237	279878	165.427	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	160162	50.805	ng	98

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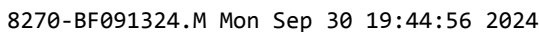
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	174510	52.479	ng	98
46) 1,1'-Biphenyl	9.322	154	628040	49.931	ng	99
47) 2-Chloronaphthalene	9.345	162	468732	49.840	ng	99
48) 2-Nitroaniline	9.445	65	184198	52.657	ng	99
49) Acenaphthylene	9.763	152	784469	55.413	ng	100
50) Dimethylphthalate	9.622	163	568962	53.021	ng	100
51) 2,6-Dinitrotoluene	9.686	165	123702	52.036	ng	93
52) Acenaphthene	9.933	154	494208	50.019	ng	100
53) 3-Nitroaniline	9.857	138	97633	41.095	ng	91
54) 2,4-Dinitrophenol	9.963	184	139386	105.225	ng	# 87
55) Dibenzofuran	10.110	168	715525	51.957	ng	95
56) 4-Nitrophenol	10.022	139	201078	102.286	ng	# 82
57) 2,4-Dinitrotoluene	10.092	165	171475	53.428	ng	97
58) Fluorene	10.451	166	556297	49.509	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	146707	53.333	ng	96
60) Diethylphthalate	10.322	149	587974	53.095	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	268269	49.127	ng	95
62) 4-Nitroaniline	10.469	138	131685	50.787	ng	88
63) Azobenzene	10.598	77	591658	54.321	ng	95
65) 4,6-Dinitro-2-methylph...	10.498	198	92342	55.114	ng	93
66) n-Nitrosodiphenylamine	10.563	169	492456	53.059	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	162417	51.629	ng	99
68) Hexachlorobenzene	10.992	284	184073	49.856	ng	99
69) Atrazine	11.086	200	161145	72.931	ng	99
70) Pentachlorophenol	11.192	266	205505	92.762	ng	99
71) Phenanthrene	11.410	178	810144	52.896	ng	99
72) Anthracene	11.463	178	831922	55.556	ng	99
73) Carbazole	11.616	167	747844	52.180	ng	99
74) Di-n-butylphthalate	11.945	149	901006	56.434	ng	99
75) Fluoranthene	12.598	202	840684	51.399	ng	98
77) Benzidine	12.715	184	275571	115.489	ng	100
78) Pyrene	12.827	202	840732	58.791	ng	100
80) Butylbenzylphthalate	13.439	149	310718	63.835	ng	98
81) Benzo(a)anthracene	14.009	228	604007	54.751	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	144968	44.872	ng	# 99
83) Chrysene	14.045	228	556784	54.858	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	405292	65.453	ng	99
85) Di-n-octyl phthalate	14.604	149	582414	63.867	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	516878	56.669	ng	# 95
88) Benzo(b)fluoranthene	15.057	252	498495	52.694	ng	99
89) Benzo(k)fluoranthene	15.086	252	470317	53.920	ng	# 98
90) Benzo(a)pyrene	15.421	252	449268	57.263	ng	98
91) Dibenzo(a,h)anthracene	16.962	278	420972	55.855	ng	97
92) Benzo(g,h,i)perylene	17.392	276	394604	52.878	ng	# 96

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

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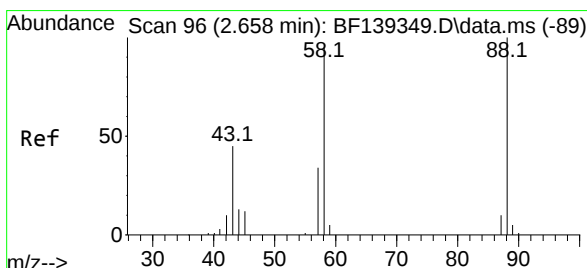
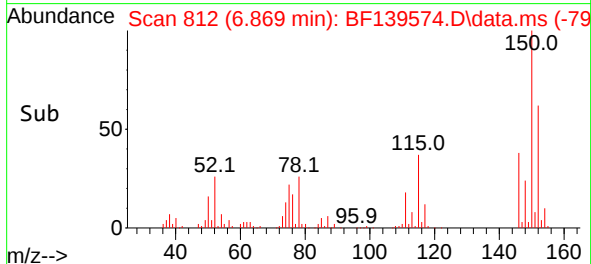
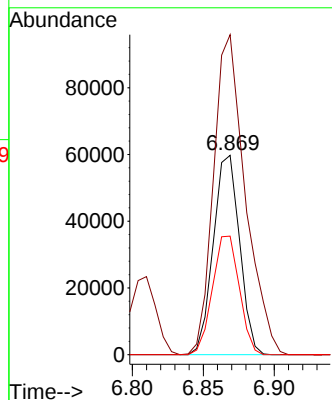
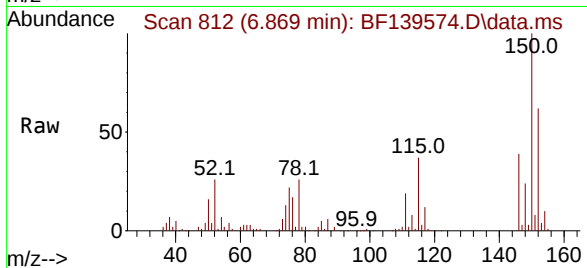




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 814
 Delta R.T. -0.012 min
 Lab File: BF139574.D
 Acq: 30 Sep 2024 12:56

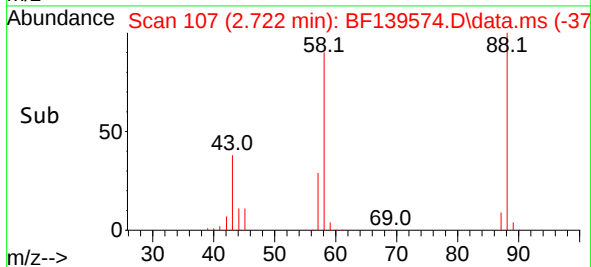
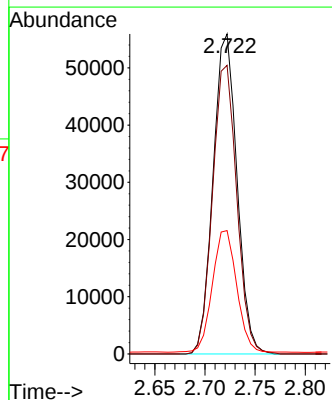
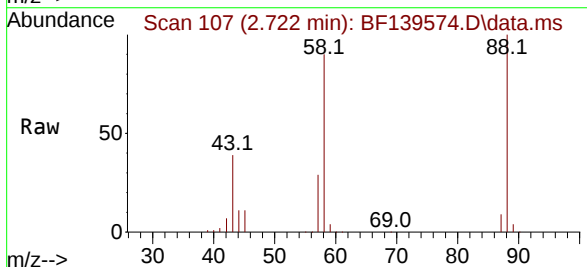
Instrument :
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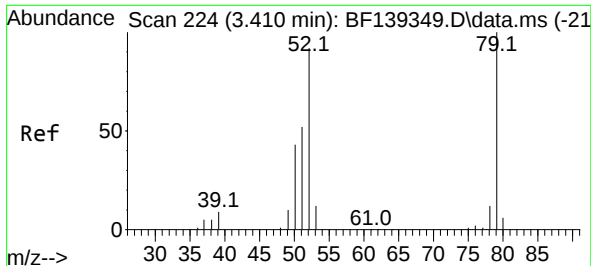
Tgt Ion:152 Resp: 77016
 Ion Ratio Lower Upper
 152 100
 150 160.5 124.1 186.1
 115 59.5 48.1 72.1



#2
 1,4-Dioxane
 Concen: 48.892 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.064 min
 Lab File: BF139574.D
 Acq: 30 Sep 2024 12:56

Tgt Ion: 88 Resp: 92605
 Ion Ratio Lower Upper
 88 100
 58 91.2 74.8 112.2
 43 38.8 36.4 54.6





#3

Pyridine

Concen: 57.898 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

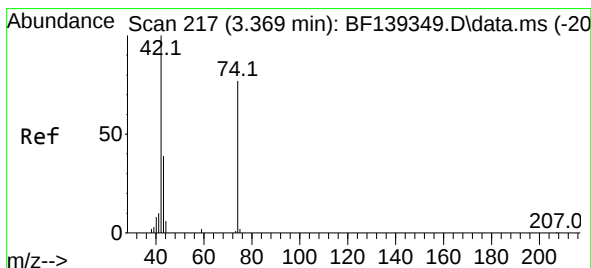
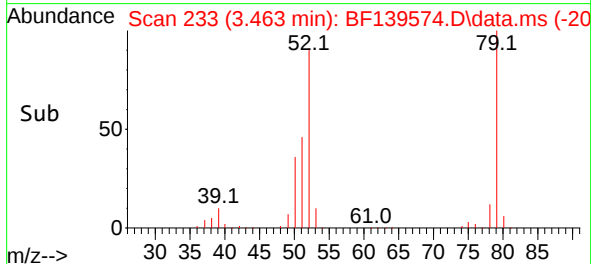
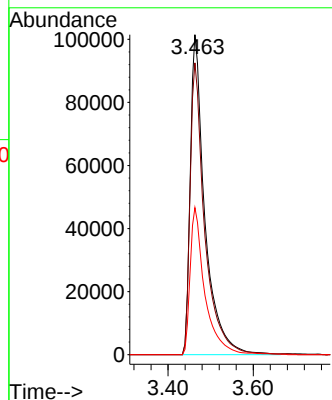
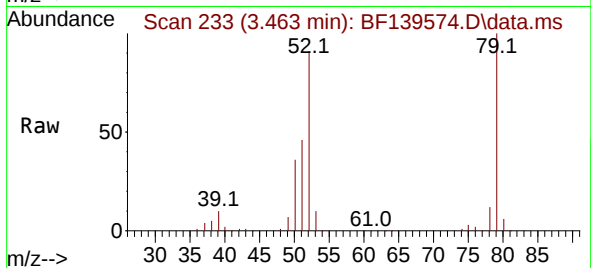
Tgt Ion: 79 Resp: 241784

Ion Ratio Lower Upper

79 100

52 91.2 73.8 110.8

51 46.0 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 45.933 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.053 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

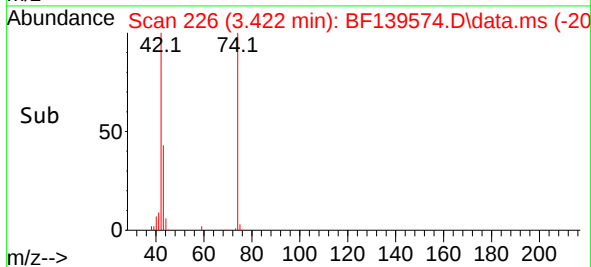
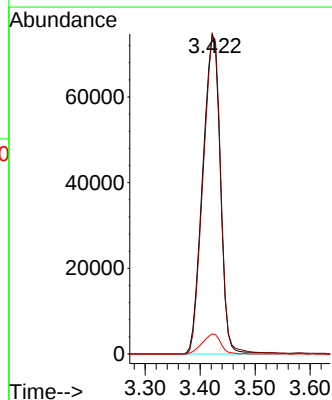
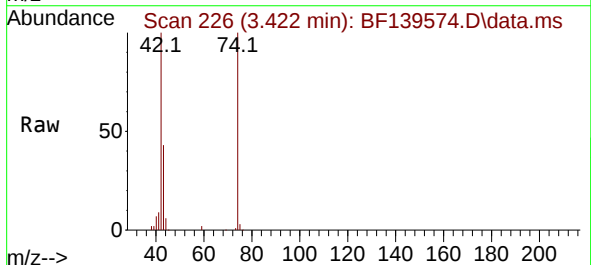
Tgt Ion: 42 Resp: 166257

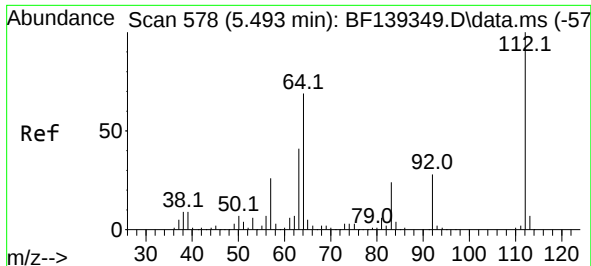
Ion Ratio Lower Upper

42 100

74 100.2 61.8 92.8#

44 6.2 4.8 7.2

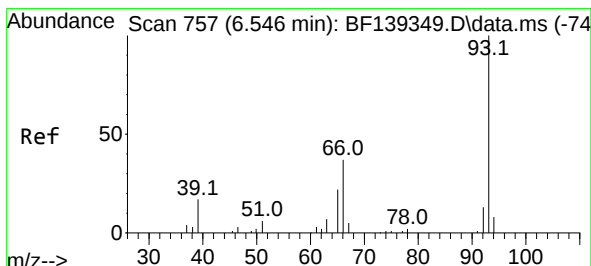
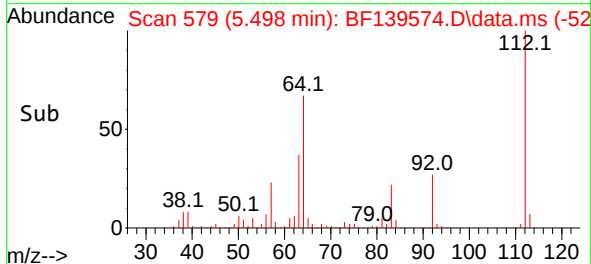
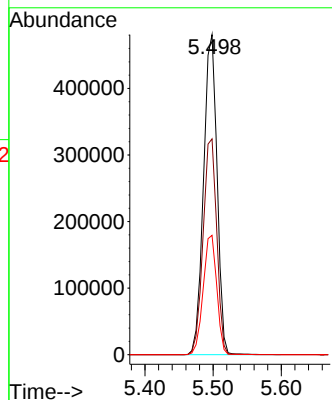
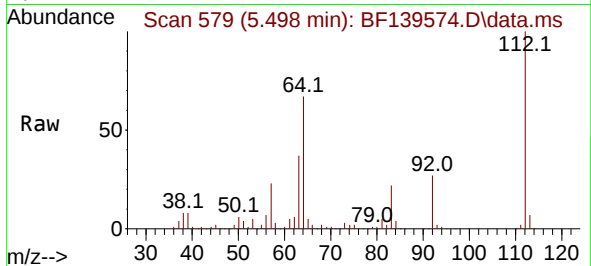




#5
2-Fluorophenol
Concen: 140.540 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.005 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

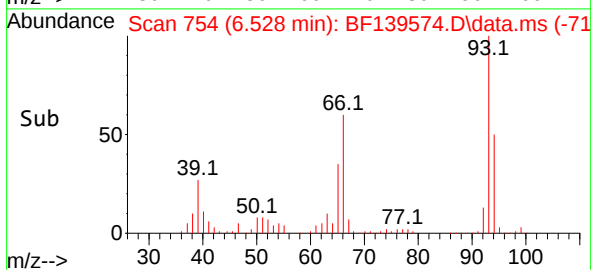
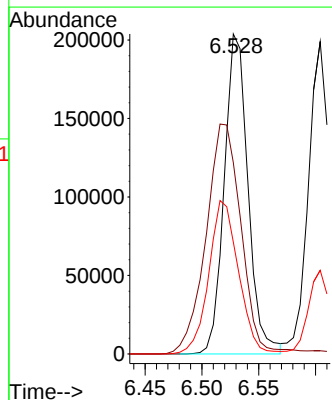
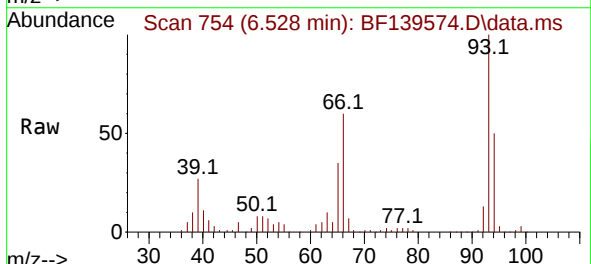
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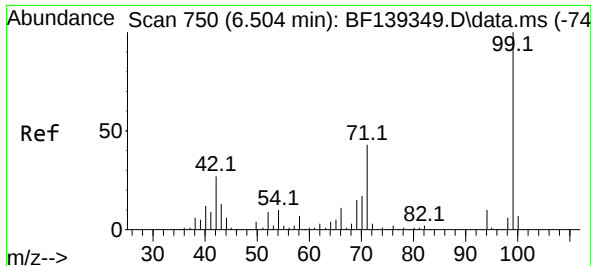
Tgt Ion:112 Resp: 663489
Ion Ratio Lower Upper
112 100
64 67.5 54.8 82.2
63 37.3 33.0 49.4



#6
Aniline
Concen: 63.392 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.041 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion: 93 Resp: 296447
Ion Ratio Lower Upper
93 100
66 59.8 35.4 53.0#
65 35.0 18.2 27.4#

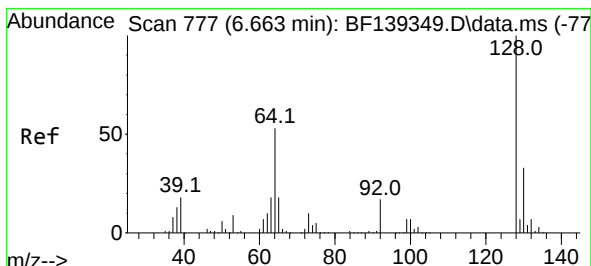
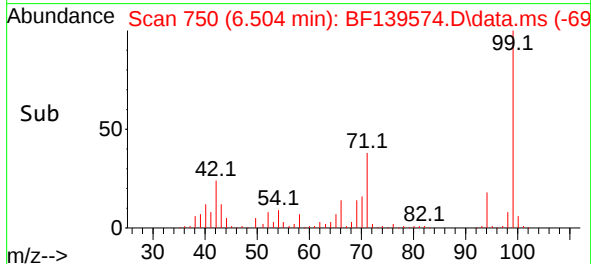
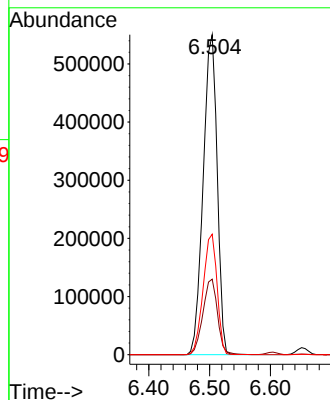
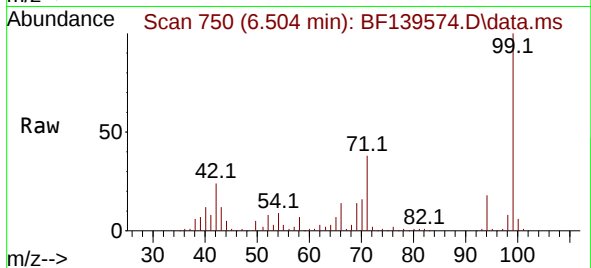




#7
Phenol-d6
Concen: 142.064 ng
RT: 6.504 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

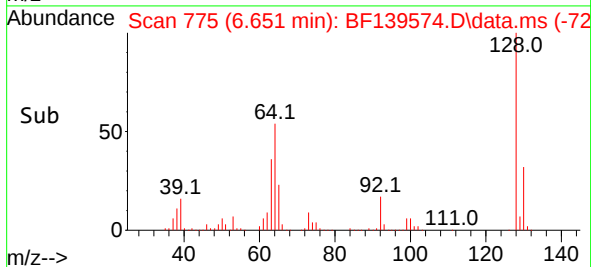
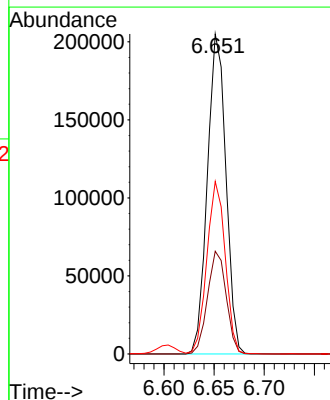
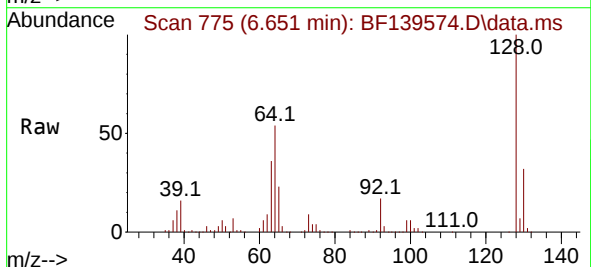
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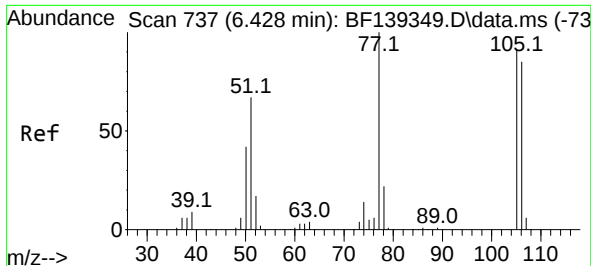
Tgt Ion: 99 Resp: 880322
Ion Ratio Lower Upper
99 100
42 23.6 21.9 32.9
71 37.7 34.6 52.0



#8
2-Chlorophenol
Concen: 54.403 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:128 Resp: 264380
Ion Ratio Lower Upper
128 100
130 32.1 12.8 52.8
64 53.9 35.1 75.1





#9

Benzaldehyde

Concen: 12.503 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

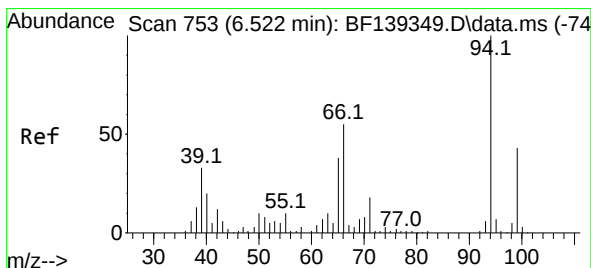
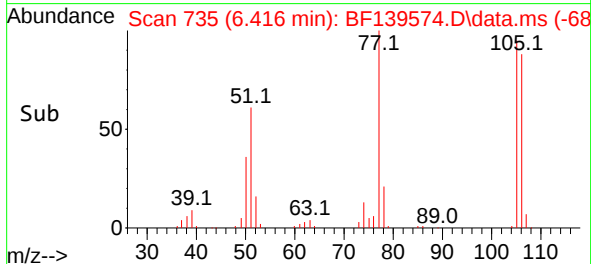
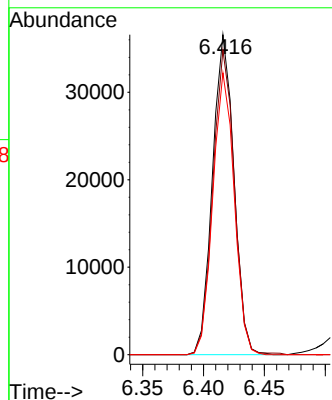
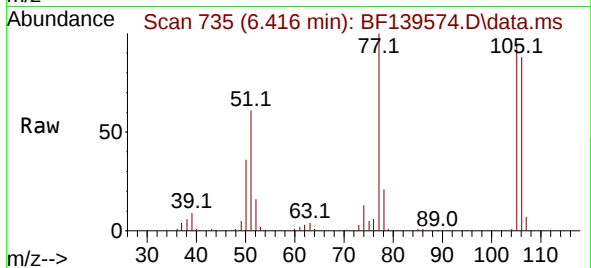
Tgt Ion: 77 Resp: 44762

Ion Ratio Lower Upper

77 100

105 95.1 71.0 111.0

106 88.1 64.9 104.9



#10

Phenol

Concen: 53.798 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

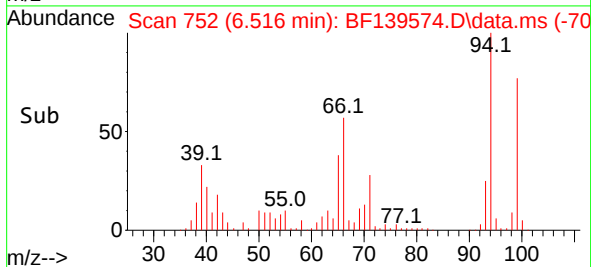
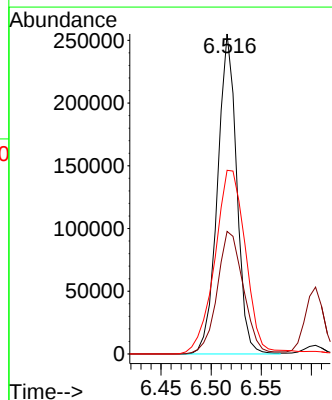
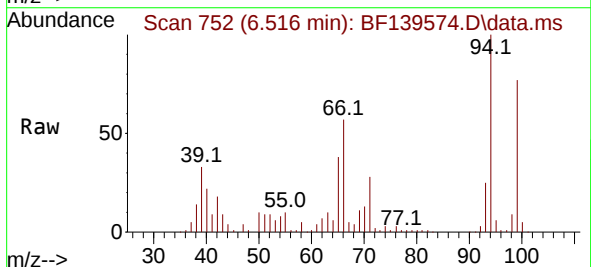
Tgt Ion: 94 Resp: 339531

Ion Ratio Lower Upper

94 100

65 38.3 17.6 57.6

66 57.4 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 53.856 ng

RT: 6.604 min Scan# 769

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

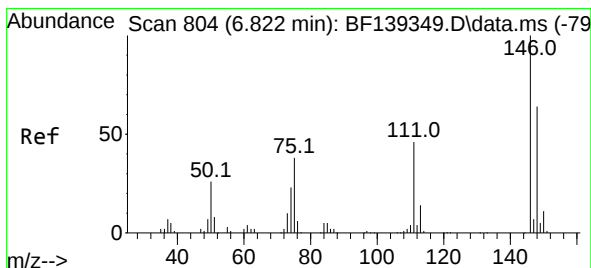
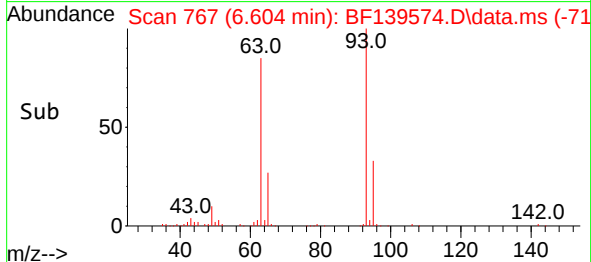
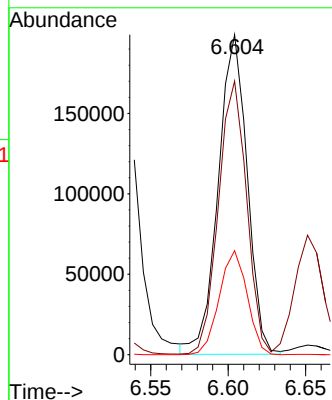
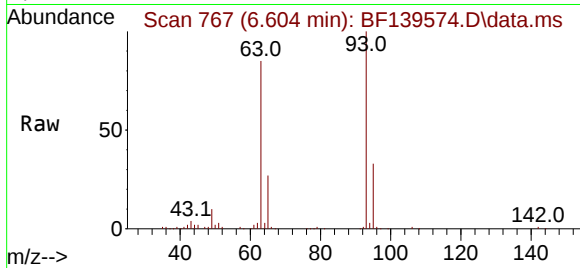
Tgt Ion: 93 Resp: 258337

Ion Ratio Lower Upper

93 100

63 85.5 65.3 105.3

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 49.763 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

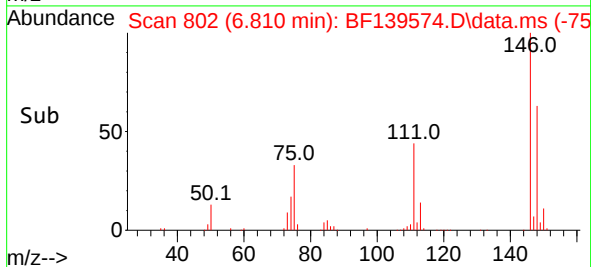
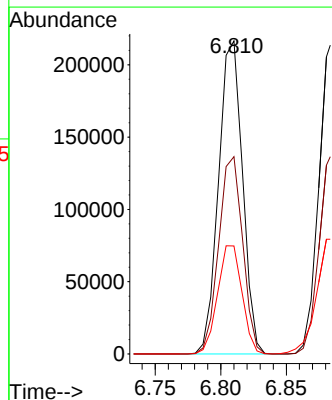
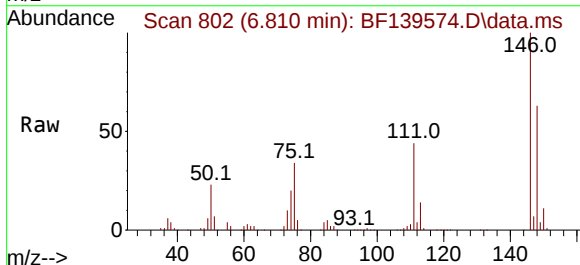
Tgt Ion: 146 Resp: 275030

Ion Ratio Lower Upper

146 100

148 63.0 51.2 76.8

75 34.5 30.6 46.0





#13

1,4-Dichlorobenzene

Concen: 49.829 ng

RT: 6.886 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

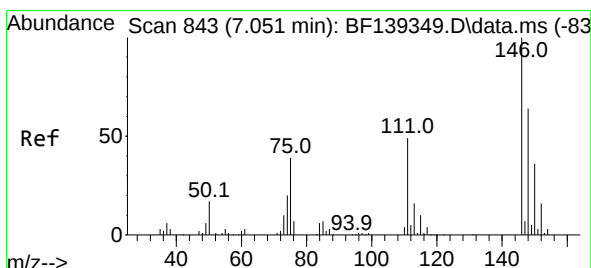
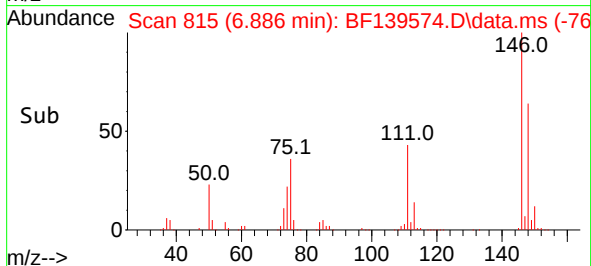
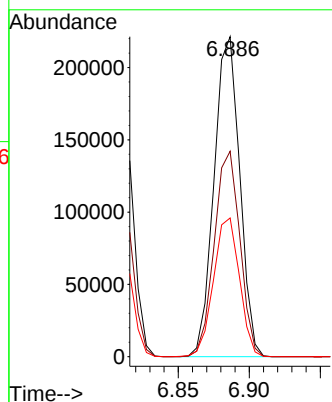
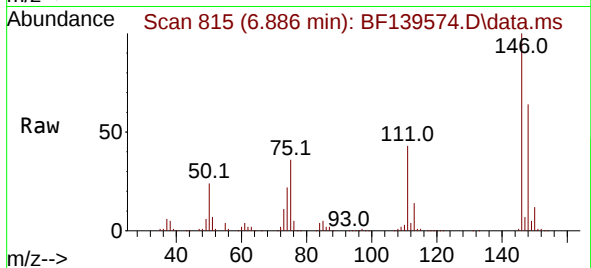
Tgt Ion:146 Resp: 278298

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

111 43.4 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 50.366 ng

RT: 7.033 min Scan# 840

Delta R.T. -0.018 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

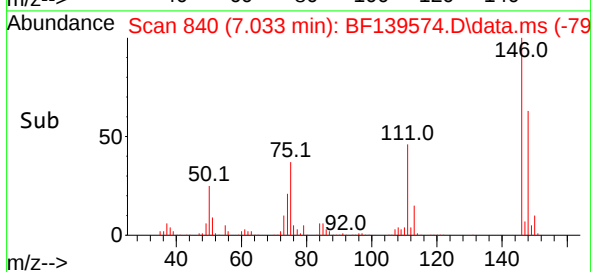
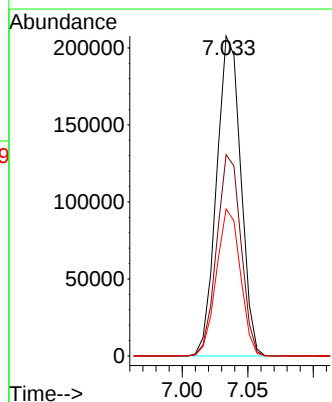
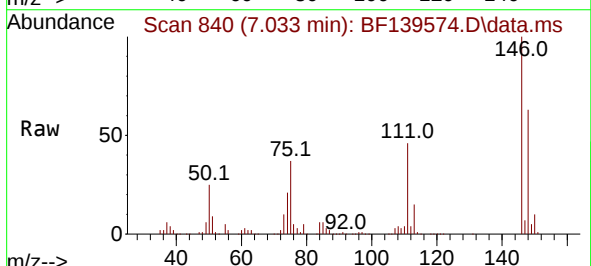
Tgt Ion:146 Resp: 265802

Ion Ratio Lower Upper

146 100

148 62.9 50.9 76.3

111 46.0 38.9 58.3

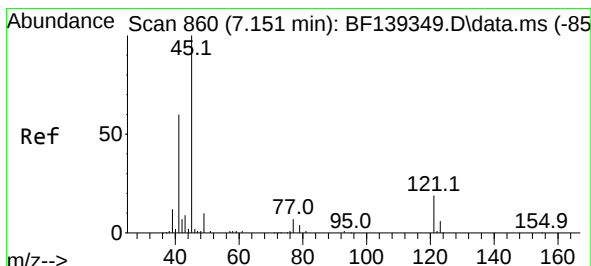
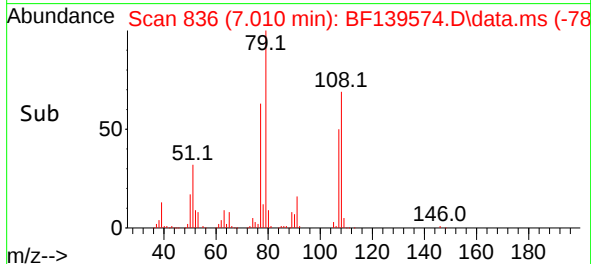
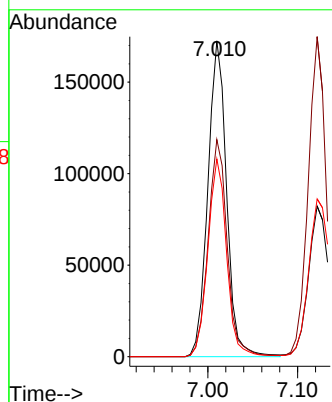
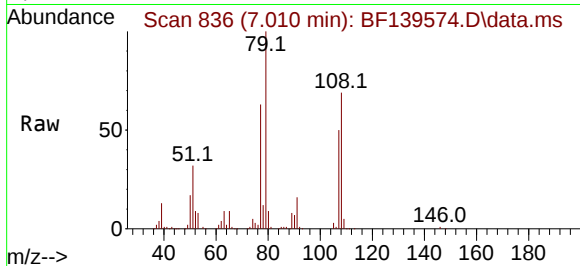




#15
Benzyl Alcohol
Concen: 50.573 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

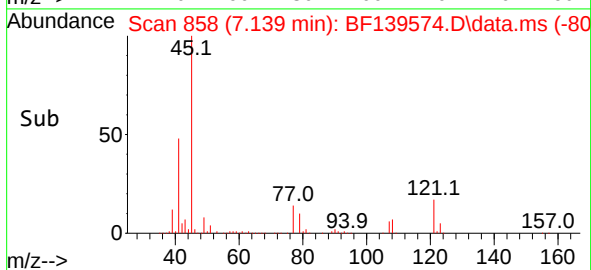
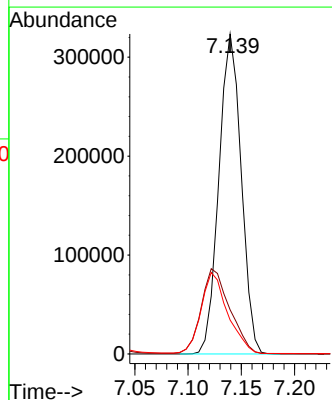
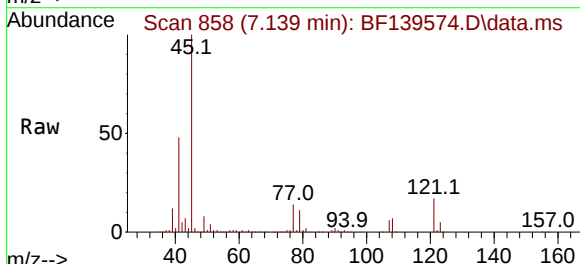
Instrument :
BNA_F
ClientSampleId :
PB163743BS

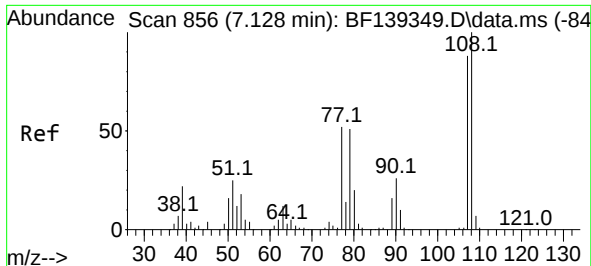
Tgt Ion: 79 Resp: 250024
Ion Ratio Lower Upper
79 100
108 68.8 50.4 75.6
77 62.6 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 63.578 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion: 45 Resp: 470003
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.0
79 10.6 0.0 29.1

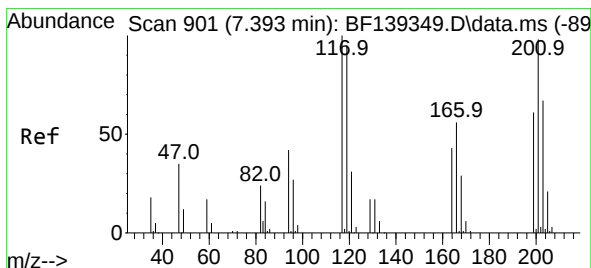
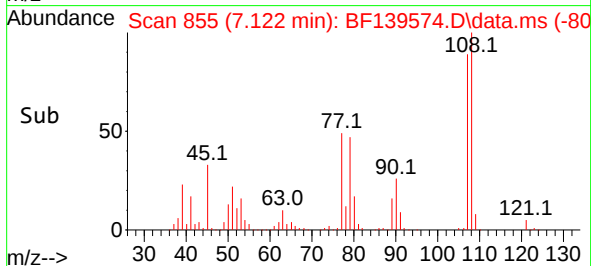
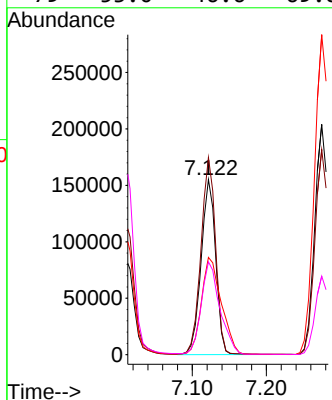
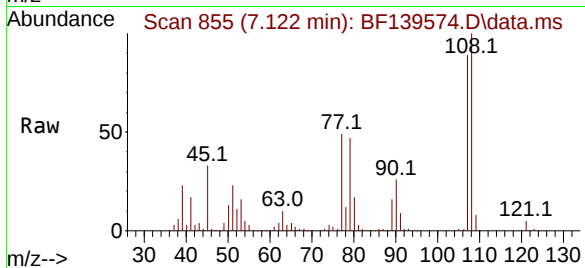




#17
2-Methylphenol
Concen: 54.923 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

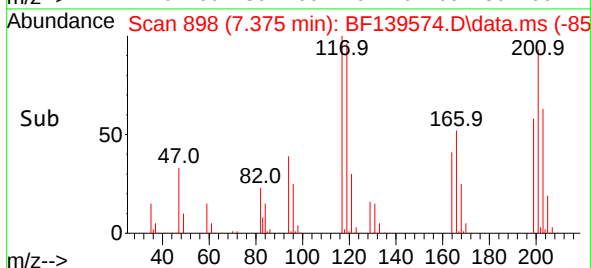
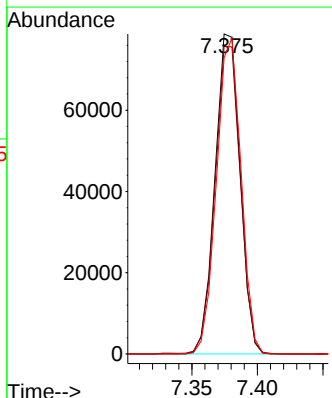
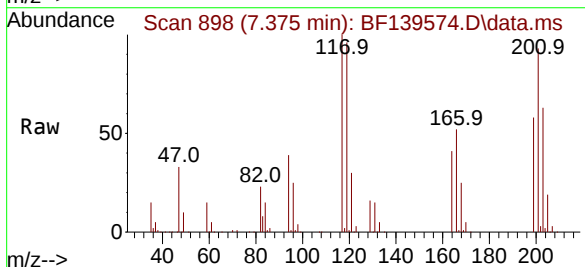
Instrument :
BNA_F
ClientSampleId :
PB163743BS

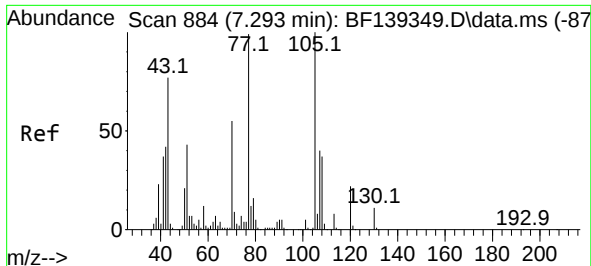
Tgt Ion:	107	Resp:	212063
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.5	135.7
77	55.6	47.1	70.7
79	53.0	46.6	69.8



#18
Hexachloroethane
Concen: 49.223 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:	117	Resp:	104711
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	92.6	78.6	118.0



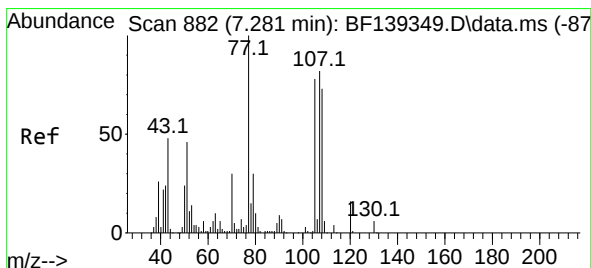
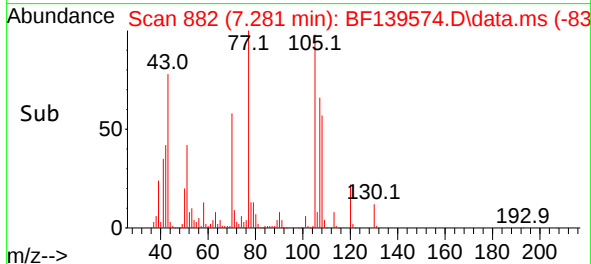
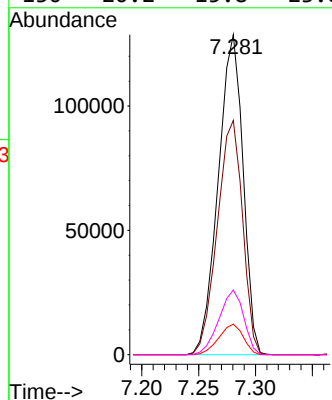
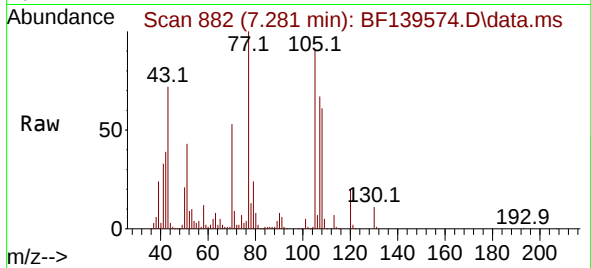


#19
n-Nitroso-di-n-propylamine
Concen: 53.232 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Instrument :
BNA_F
ClientSampleId :
PB163743BS

Tgt Ion: 70 Resp: 195469

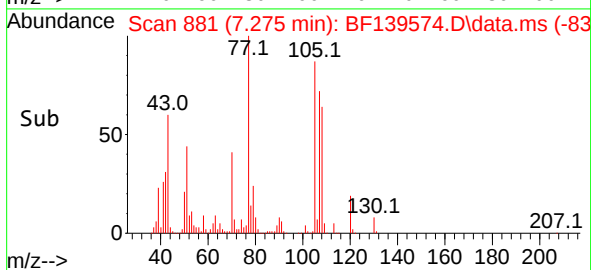
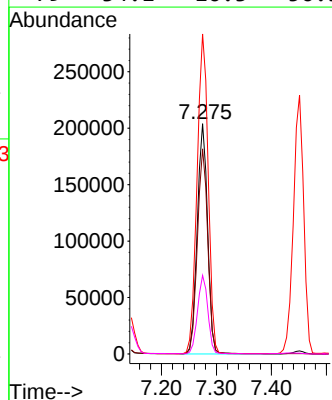
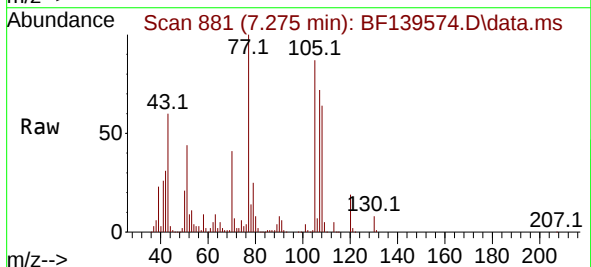
Ion	Ratio	Lower	Upper
70	100		
42	73.2	61.2	91.8
101	9.6	7.5	11.3
130	20.2	15.8	23.8

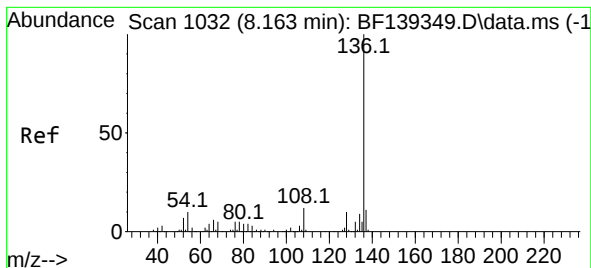


#20
3+4-Methylphenols
Concen: 50.679 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion: 107 Resp: 266963

Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.6	108.6
77	139.0	101.6	141.6
79	34.1	16.3	56.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

Tgt Ion:136 Resp: 288772

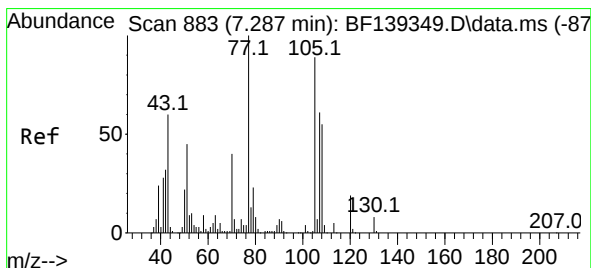
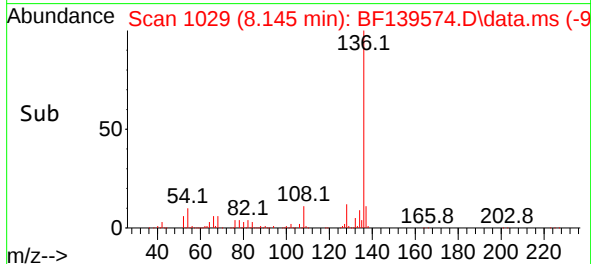
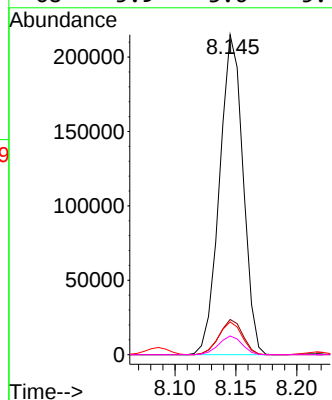
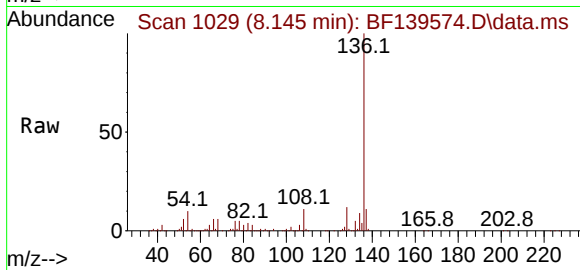
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 10.3 7.8 11.8

68 5.9 3.6 5.4#



#22

Acetophenone

Concen: 47.310 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Tgt Ion:105 Resp: 357157

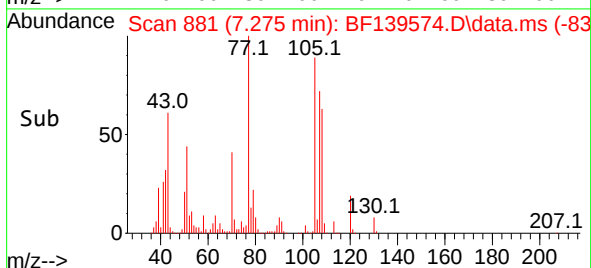
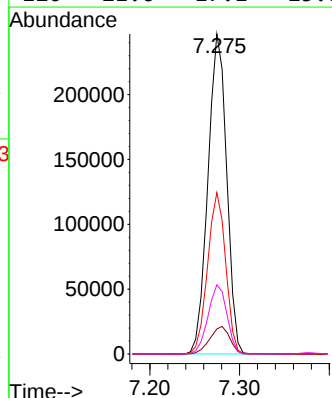
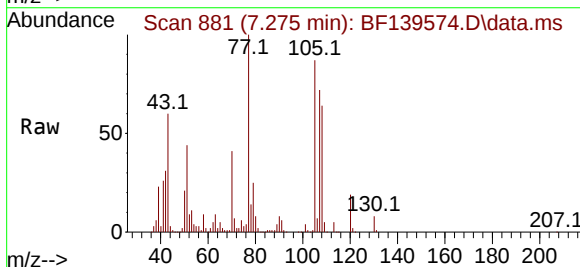
Ion Ratio Lower Upper

105 100

71 7.8 5.9 8.9

51 50.4 40.0 60.0

120 21.6 17.1 25.7

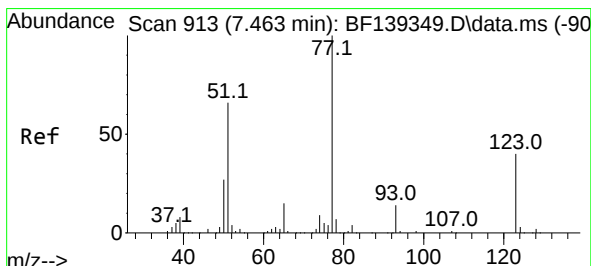
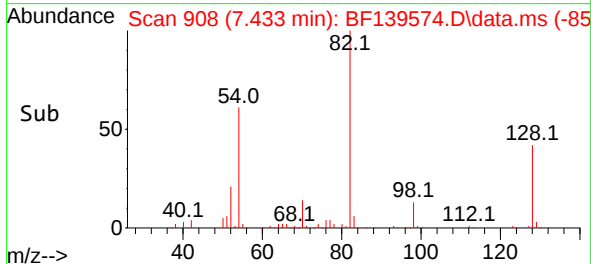
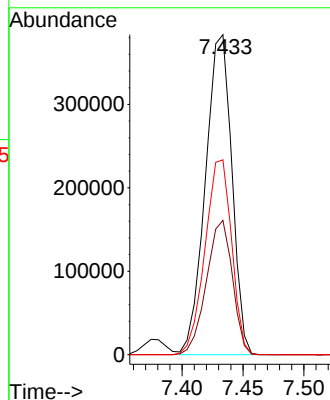
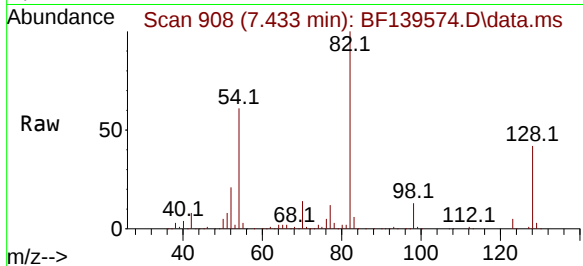




#23
 Nitrobenzene-d5
 Concen: 94.361 ng
 RT: 7.433 min Scan# 90
 Delta R.T. -0.012 min
 Lab File: BF139574.D
 Acq: 30 Sep 2024 12:56

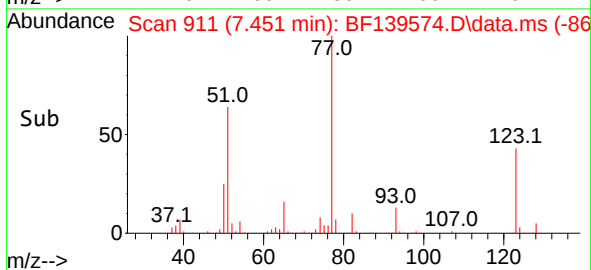
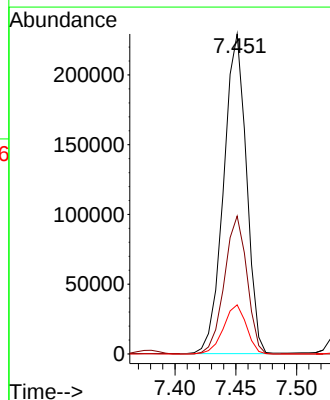
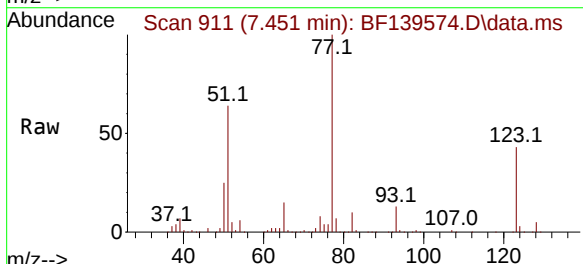
Instrument :
 BNA_F
 ClientSampleId :
 PB163743BS

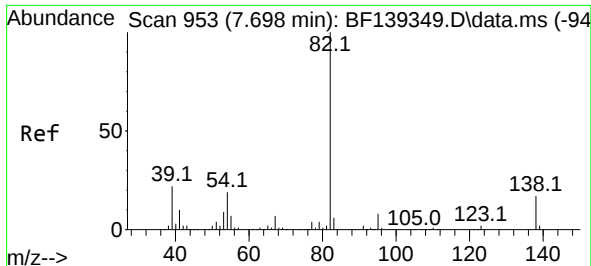
Tgt Ion: 82 Resp: 579619
 Ion Ratio Lower Upper
 82 100
 128 42.0 31.8 47.6
 54 60.9 50.6 75.8



#24
 Nitrobenzene
 Concen: 47.197 ng
 RT: 7.451 min Scan# 911
 Delta R.T. -0.012 min
 Lab File: BF139574.D
 Acq: 30 Sep 2024 12:56

Tgt Ion: 77 Resp: 298383
 Ion Ratio Lower Upper
 77 100
 123 43.1 32.2 48.4
 65 15.3 12.2 18.4

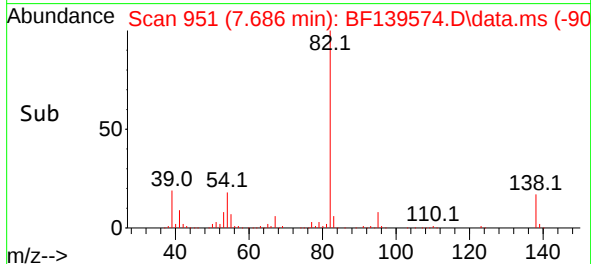
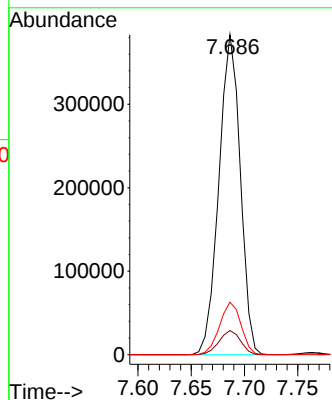
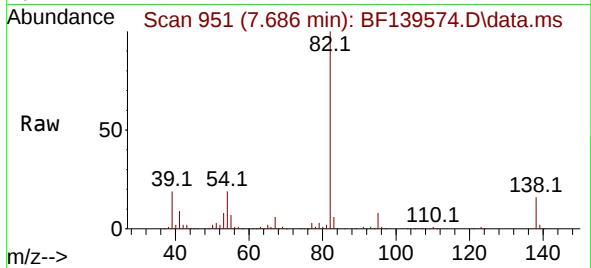




#25
Isophorone
Concen: 54.960 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

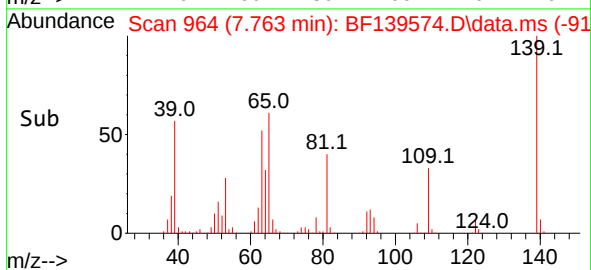
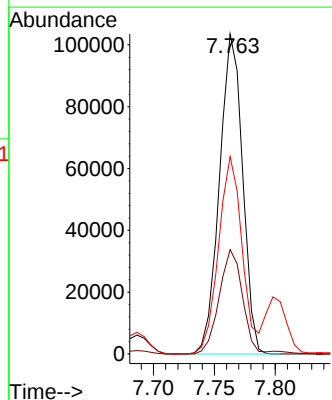
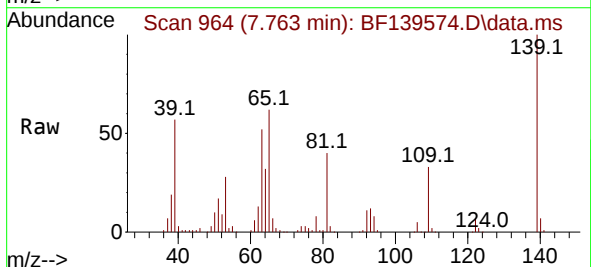
Instrument :
BNA_F
ClientSampleId :
PB163743BS

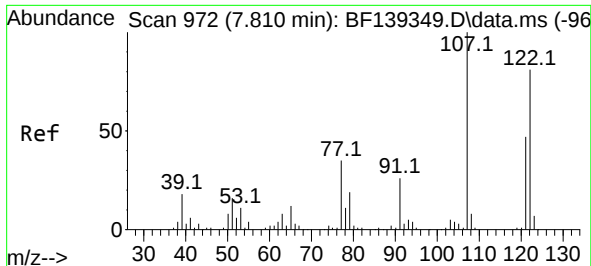
Tgt Ion: 82 Resp: 533914
Ion Ratio Lower Upper
82 100
95 7.6 6.7 10.1
138 16.4 13.3 19.9



#26
2-Nitrophenol
Concen: 55.468 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:139 Resp: 136620
Ion Ratio Lower Upper
139 100
109 32.6 32.2 48.2
65 61.7 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 65.383 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

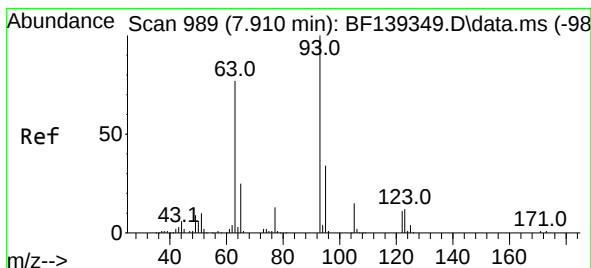
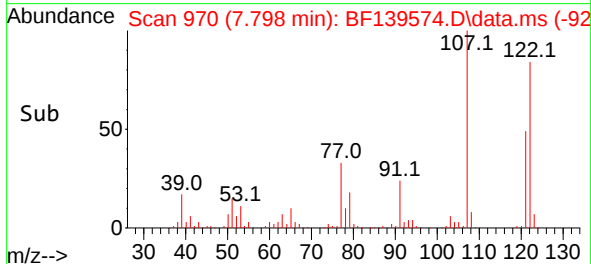
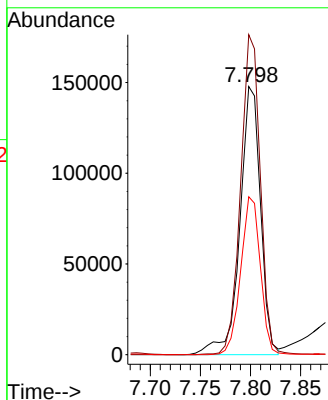
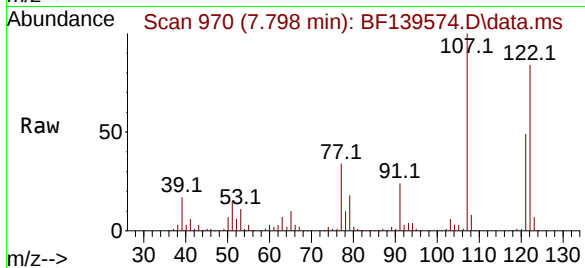
Tgt Ion:122 Resp: 212428

Ion Ratio Lower Upper

122 100

107 119.3 99.1 148.7

121 58.9 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 55.482 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

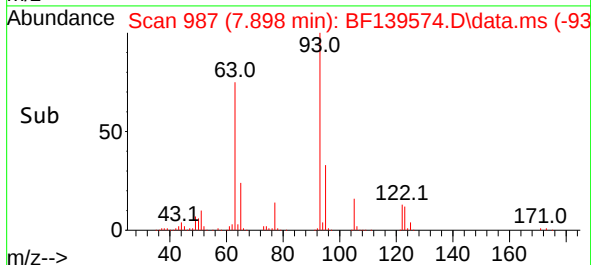
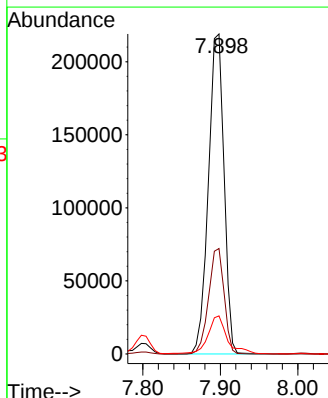
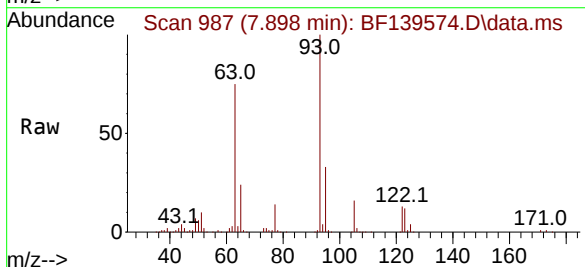
Tgt Ion: 93 Resp: 307182

Ion Ratio Lower Upper

93 100

95 33.0 26.9 40.3

123 11.9 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 52.894 ng

RT: 8.004 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

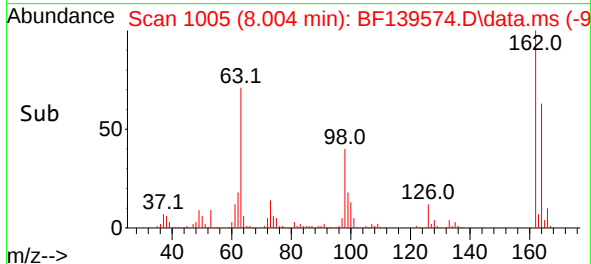
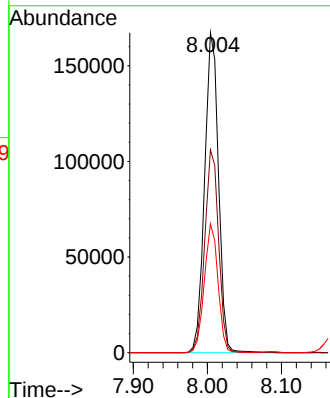
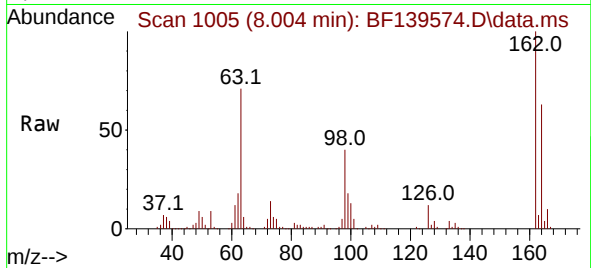
Tgt Ion:162 Resp: 218317

Ion Ratio Lower Upper

162 100

164 63.4 43.6 83.6

98 40.3 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 46.989 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

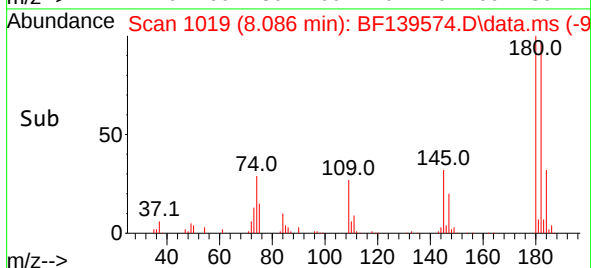
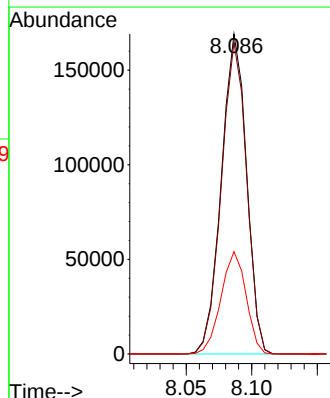
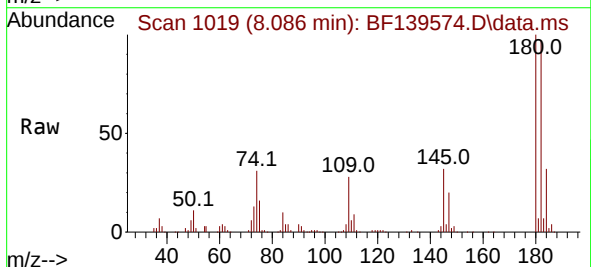
Tgt Ion:180 Resp: 225976

Ion Ratio Lower Upper

180 100

182 97.4 75.7 113.5

145 32.0 26.5 39.7

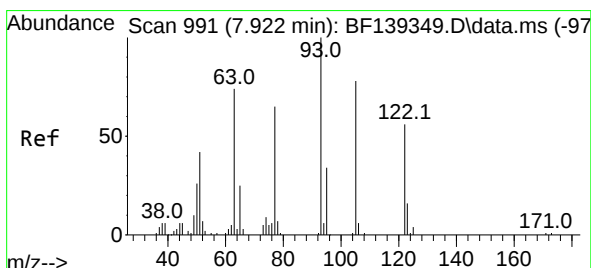
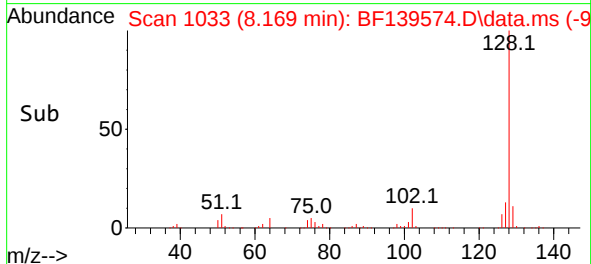
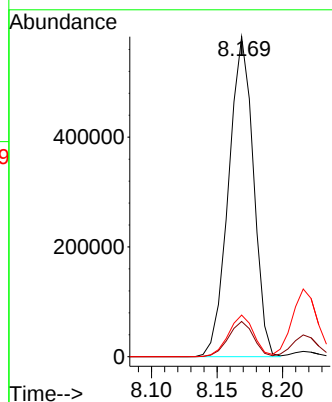
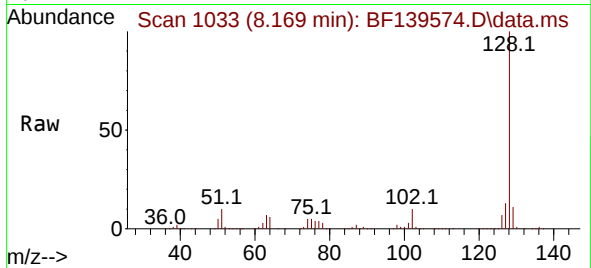




#31
Naphthalene
Concen: 51.071 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

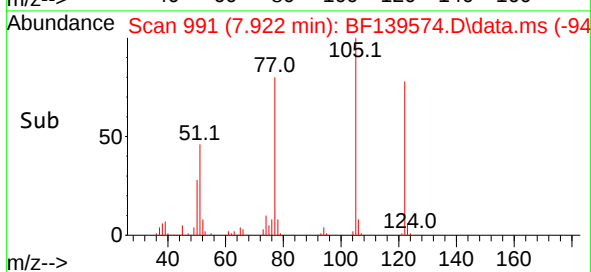
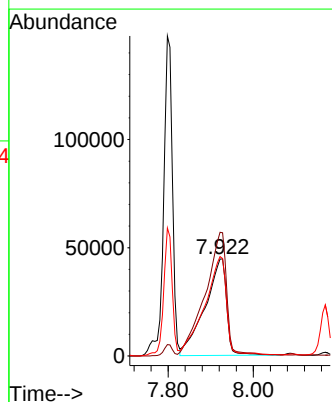
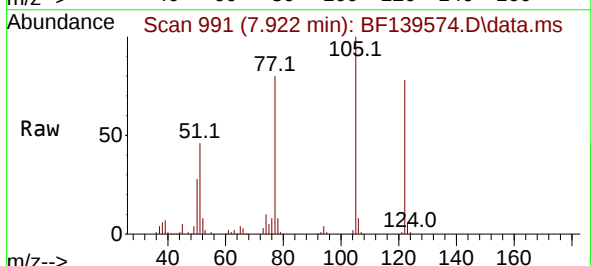
Instrument :
BNA_F
ClientSampleId :
PB163743BS

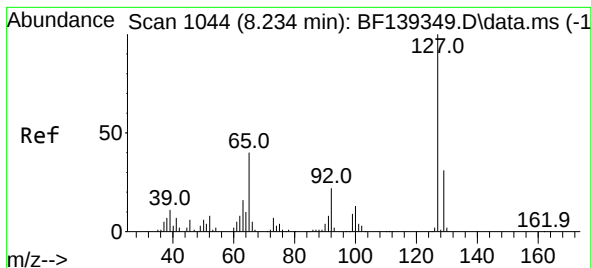
Tgt Ion:128 Resp: 769921
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 51.666 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:122 Resp: 157088
Ion Ratio Lower Upper
122 100
105 127.6 117.1 157.1
77 102.5 95.4 135.4





#33

4-Chloroaniline

Concen: 37.056 ng

RT: 8.216 min Scan# 1041

Delta R.T. -0.018 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

Tgt Ion:127 Resp: 170900

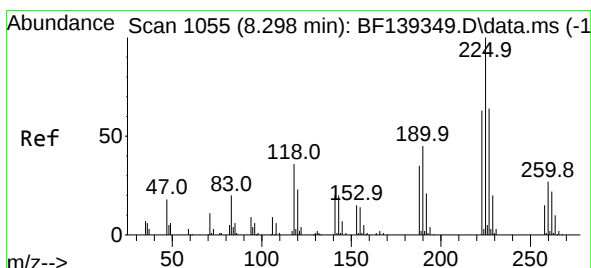
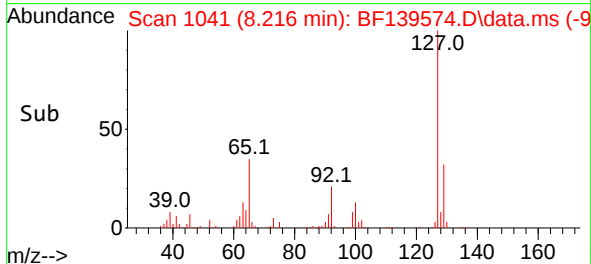
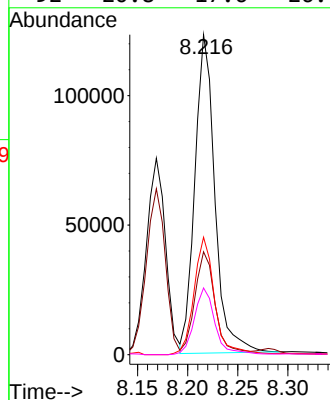
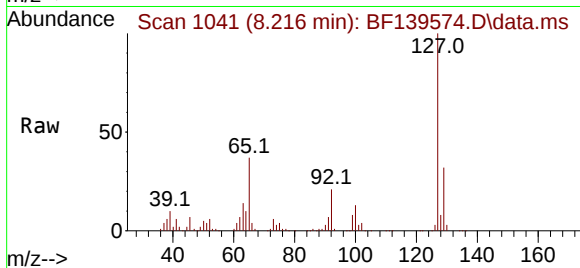
Ion Ratio Lower Upper

127 100

129 32.2 25.5 38.3

65 36.7 31.5 47.3

92 20.8 17.6 26.4



#34

Hexachlorobutadiene

Concen: 46.093 ng

RT: 8.280 min Scan# 1052

Delta R.T. -0.018 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

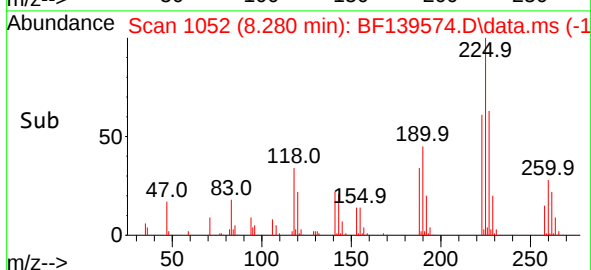
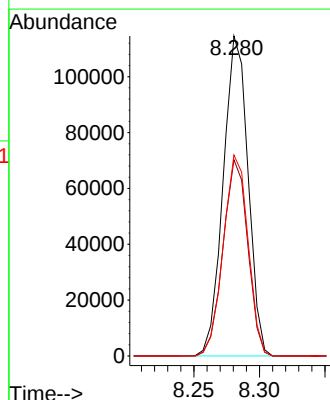
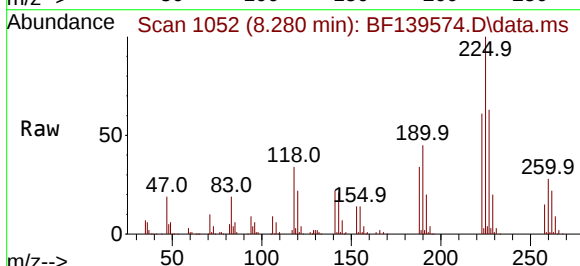
Tgt Ion:225 Resp: 150600

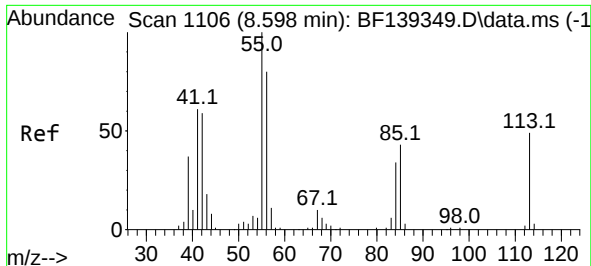
Ion Ratio Lower Upper

225 100

223 61.3 50.1 75.1

227 62.8 51.0 76.6





#35

Caprolactam

Concen: 37.271 ng

RT: 8.586 min Scan# 1106

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

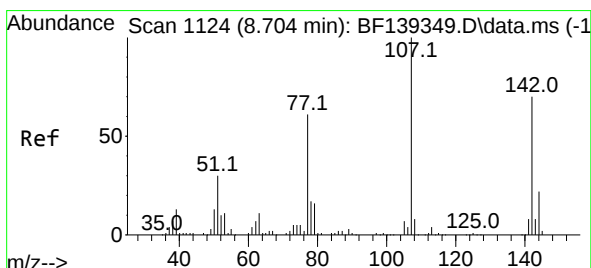
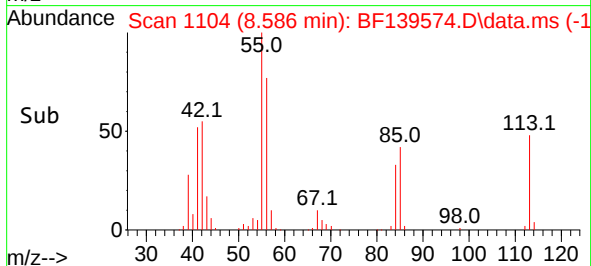
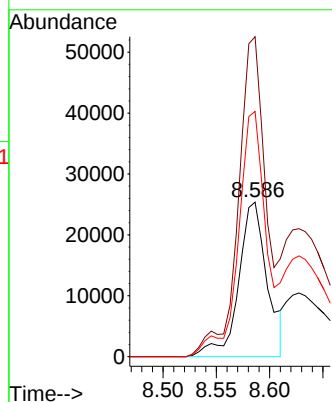
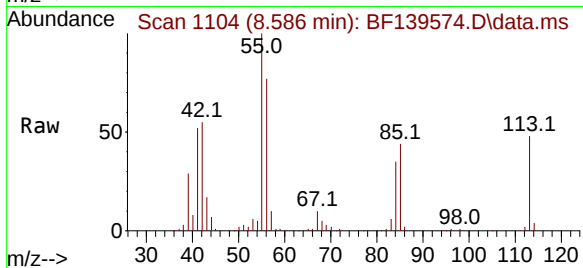
Tgt Ion:113 Resp: 47321

Ion Ratio Lower Upper

113 100

55 207.0 186.1 226.1

56 158.7 144.9 184.9



#36

4-Chloro-3-methylphenol

Concen: 52.132 ng

RT: 8.704 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

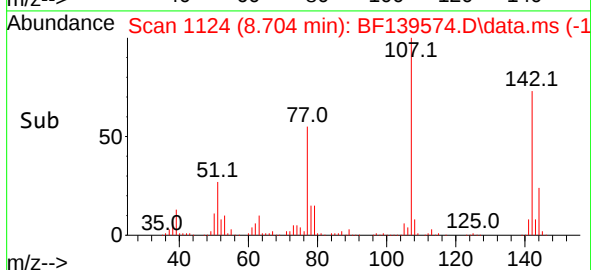
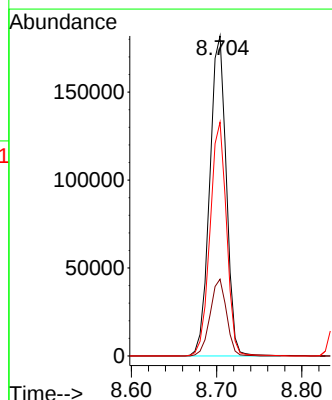
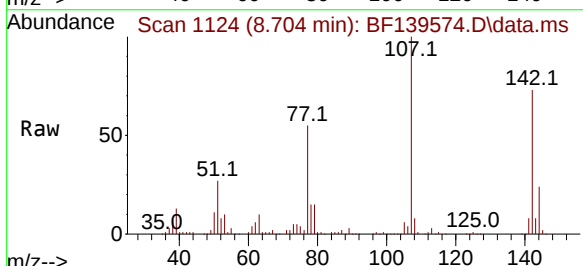
Tgt Ion:107 Resp: 245908

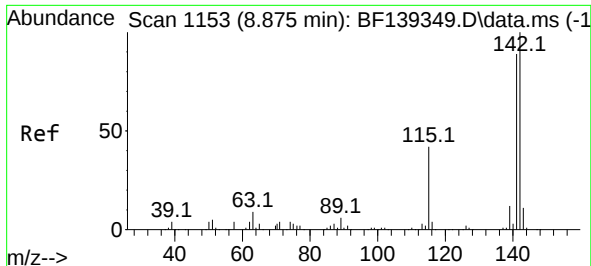
Ion Ratio Lower Upper

107 100

144 24.0 17.5 26.3

142 73.1 55.8 83.8





#37

2-Methylnaphthalene

Concen: 52.385 ng

RT: 8.857 min Scan# 1153

Delta R.T. -0.018 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

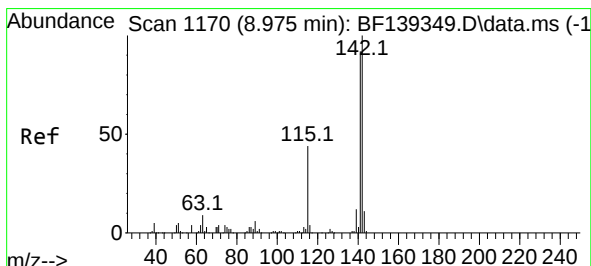
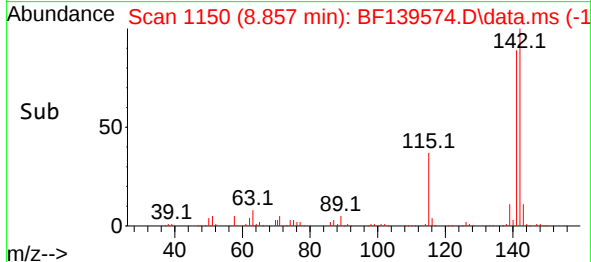
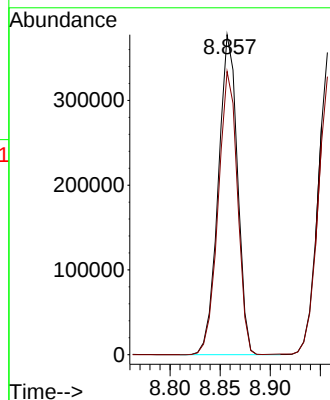
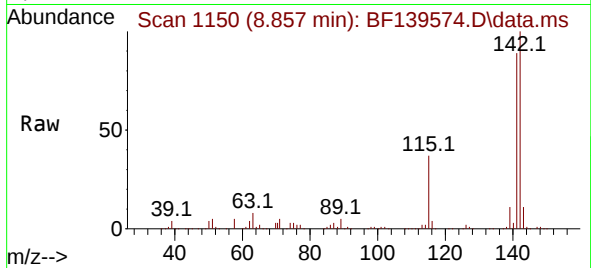
PB163743BS

Tgt Ion:142 Resp: 501271

Ion Ratio Lower Upper

142 100

141 88.5 71.6 107.4



#38

1-Methylnaphthalene

Concen: 49.377 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.018 min

Lab File: BF139574.D

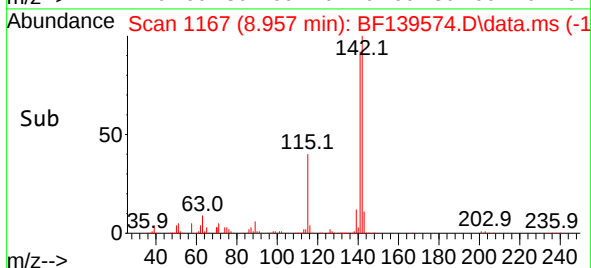
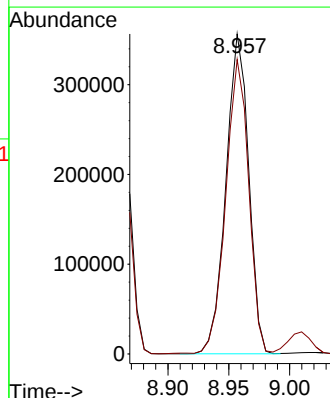
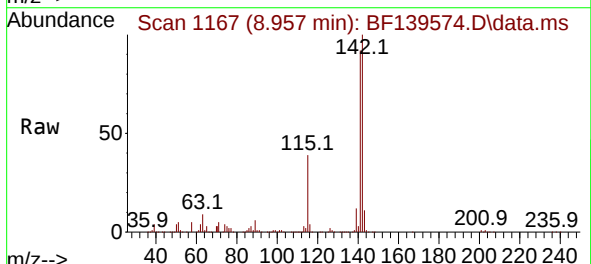
Acq: 30 Sep 2024 12:56

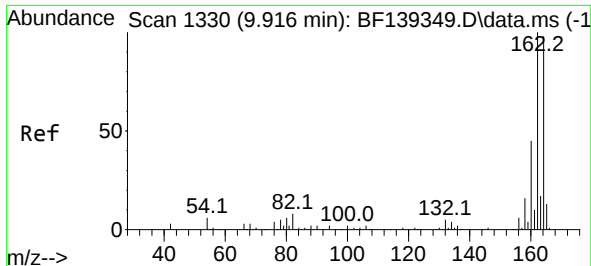
Tgt Ion:142 Resp: 463872

Ion Ratio Lower Upper

142 100

141 92.0 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1178

Delta R.T. -0.018 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

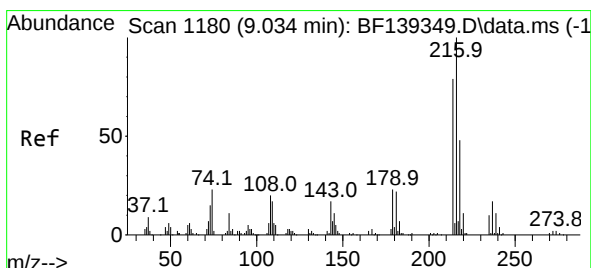
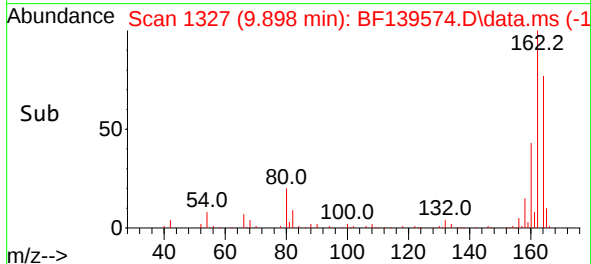
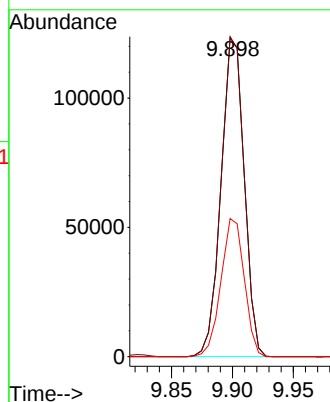
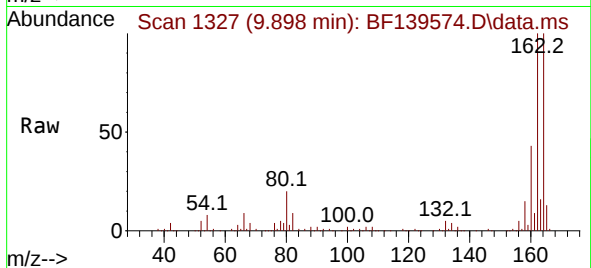
Tgt Ion:164 Resp: 163496

Ion Ratio Lower Upper

164 100

162 100.4 81.3 121.9

160 43.3 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.839 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Tgt Ion:216 Resp: 231805

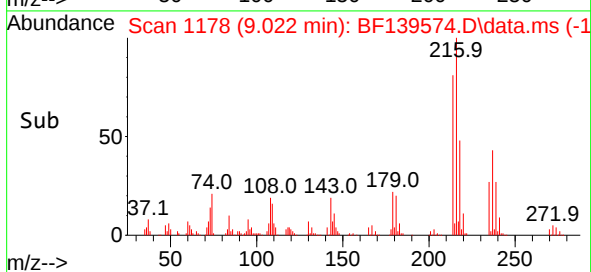
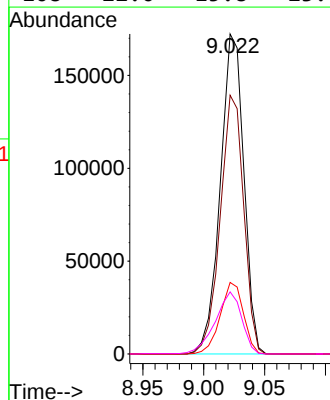
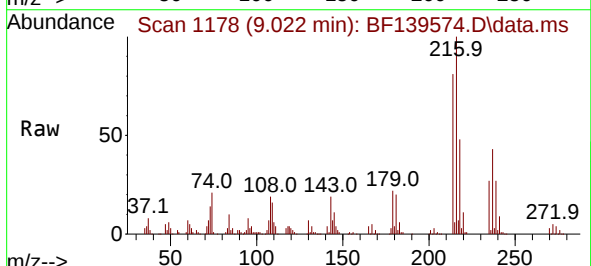
Ion Ratio Lower Upper

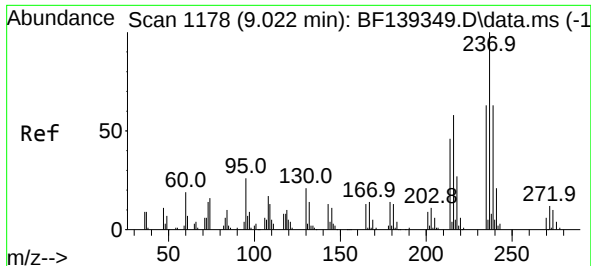
216 100

214 80.5 63.4 95.0

179 22.1 18.2 27.2

108 22.0 15.8 23.6

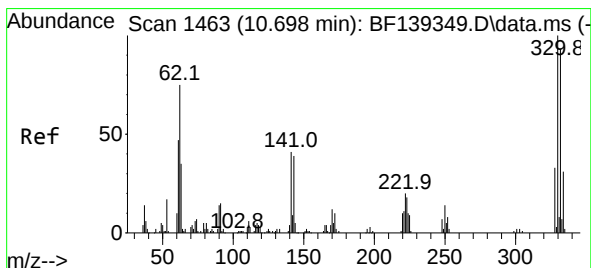
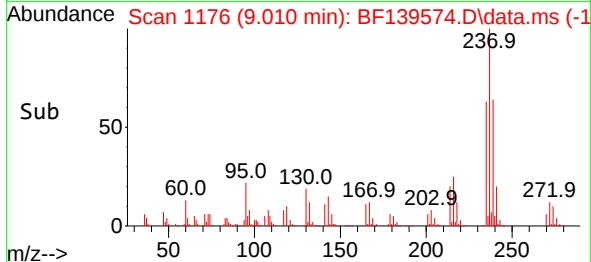
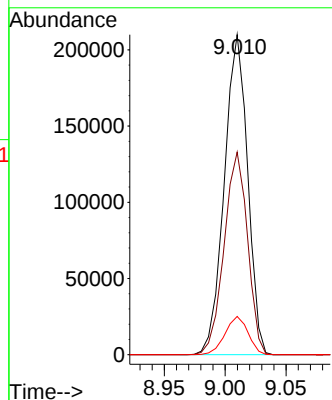
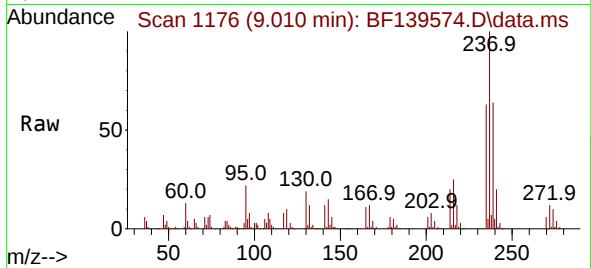




#41
Hexachlorocyclopentadiene
Concen: 165.427 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

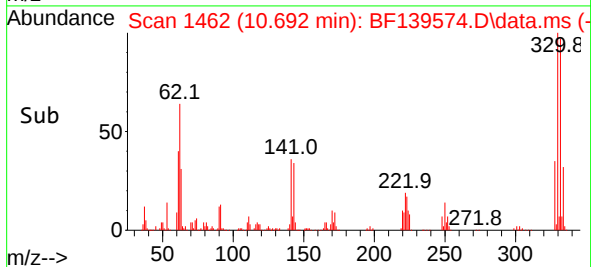
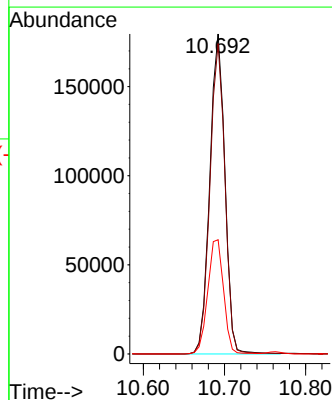
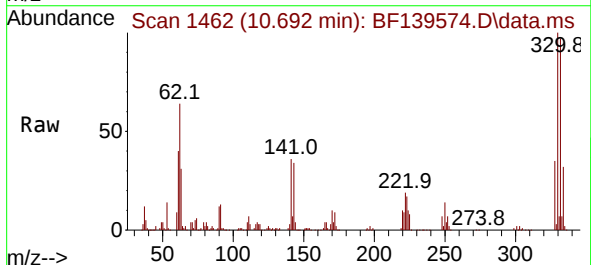
Instrument :
BNA_F
ClientSampleId :
PB163743BS

Tgt Ion:237 Resp: 279878
Ion Ratio Lower Upper
237 100
235 63.3 42.7 82.7
272 12.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 133.525 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:330 Resp: 232415
Ion Ratio Lower Upper
330 100
332 96.5 75.2 112.8
141 37.2 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 50.805 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

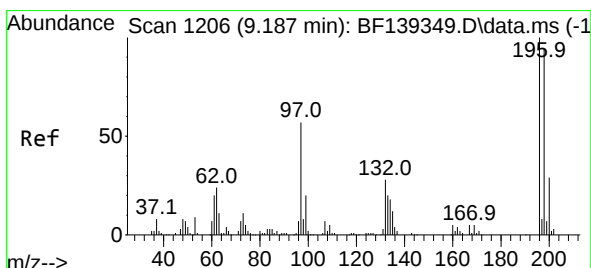
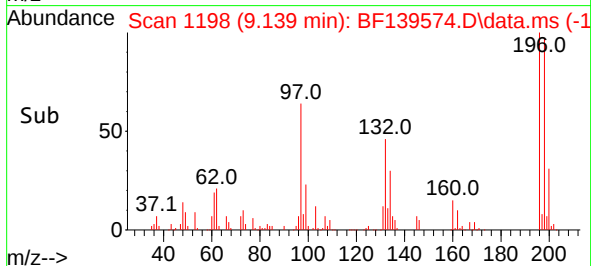
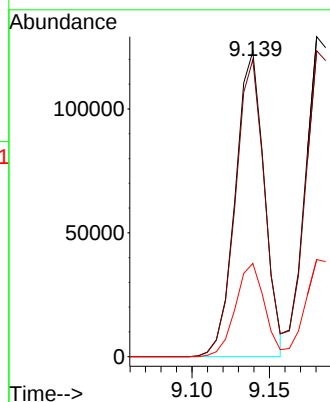
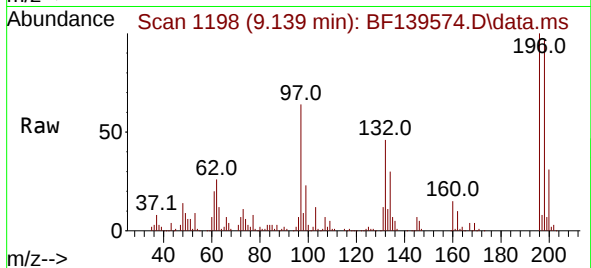
Tgt Ion:196 Resp: 160162

Ion Ratio Lower Upper

196 100

198 97.3 75.8 113.6

200 30.6 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 52.479 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Tgt Ion:196 Resp: 174510

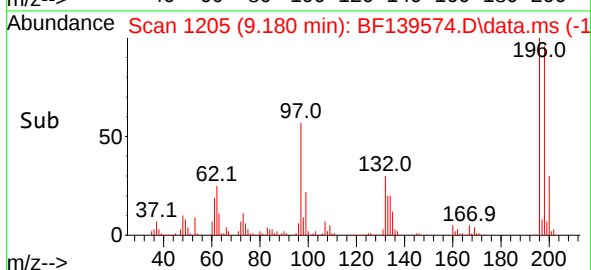
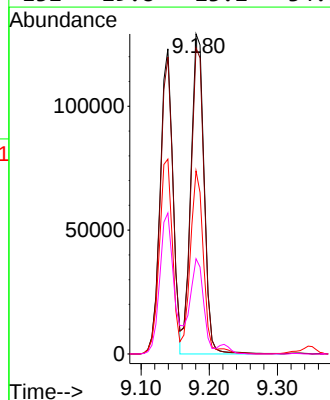
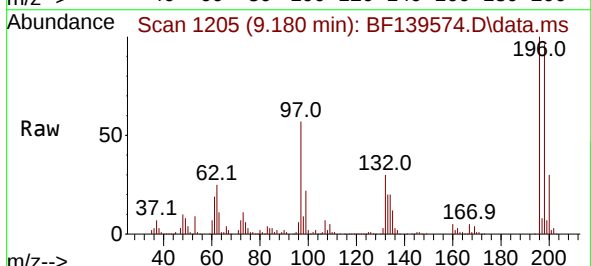
Ion Ratio Lower Upper

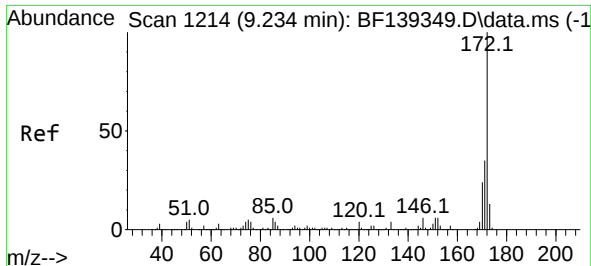
196 100

198 95.6 74.8 112.2

97 57.2 47.3 70.9

132 29.8 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 92.119 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

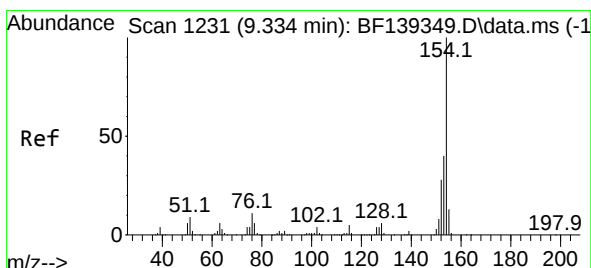
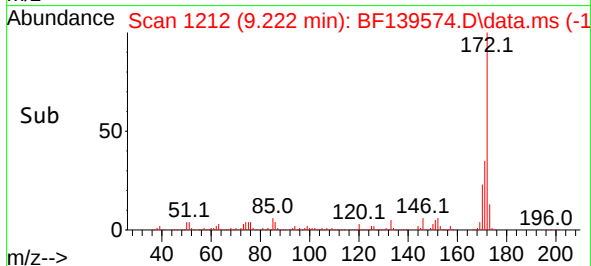
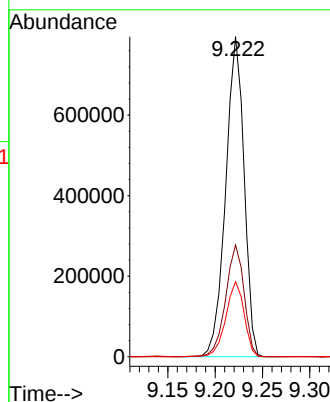
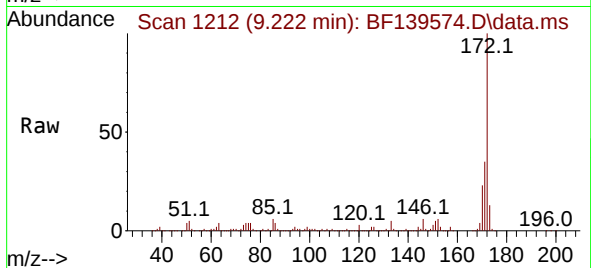
Tgt Ion:172 Resp: 1073854

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 49.931 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

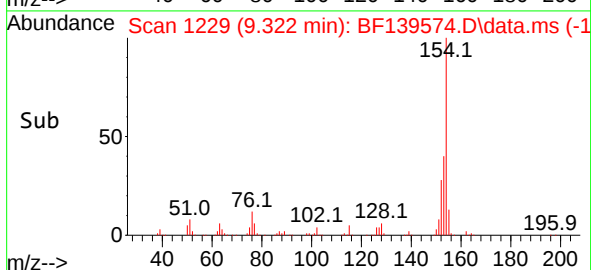
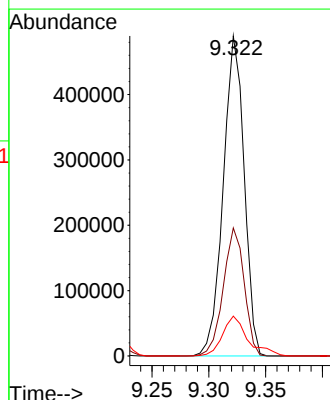
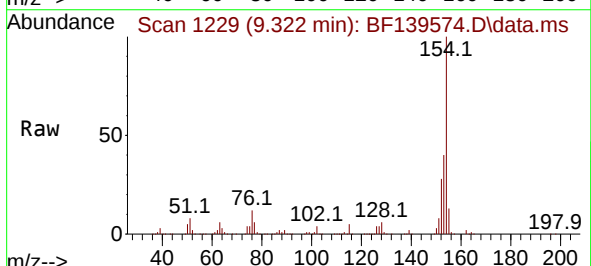
Tgt Ion:154 Resp: 628040

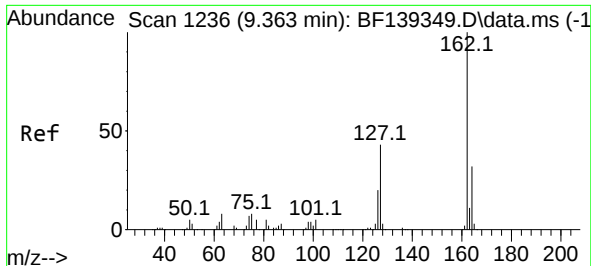
Ion Ratio Lower Upper

154 100

153 40.0 20.1 60.1

76 12.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 49.840 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

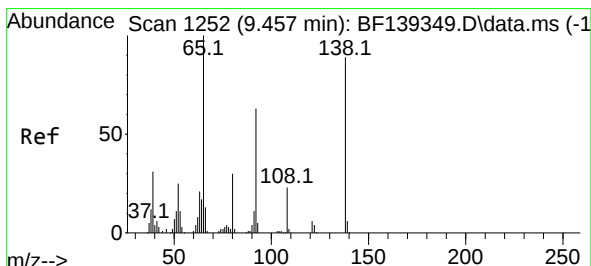
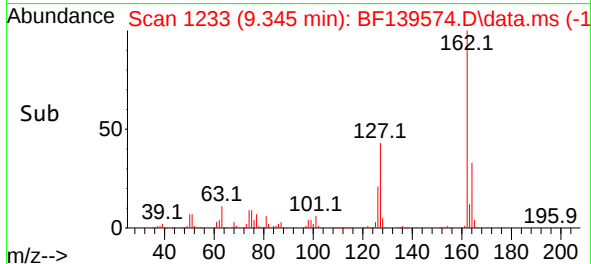
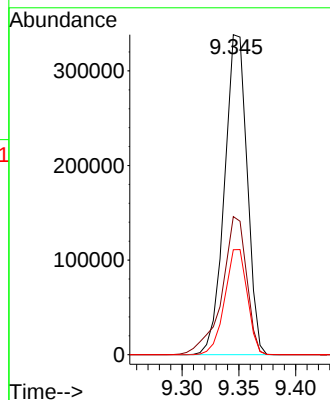
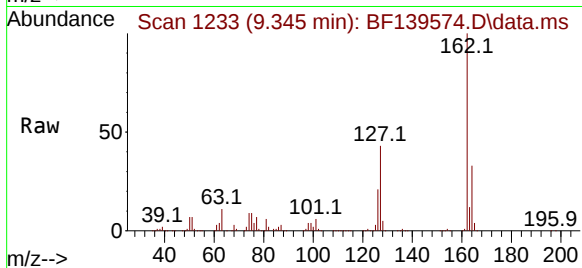
Tgt Ion:162 Resp: 468732

Ion Ratio Lower Upper

162 100

127 43.1 35.0 52.4

164 32.8 25.8 38.6



#48

2-Nitroaniline

Concen: 52.657 ng

RT: 9.445 min Scan# 1250

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

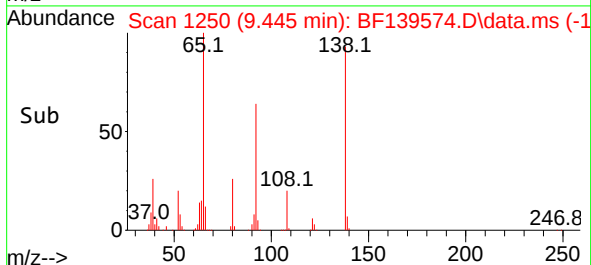
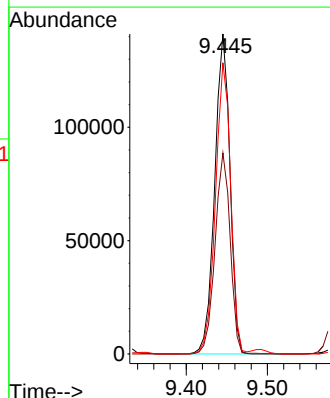
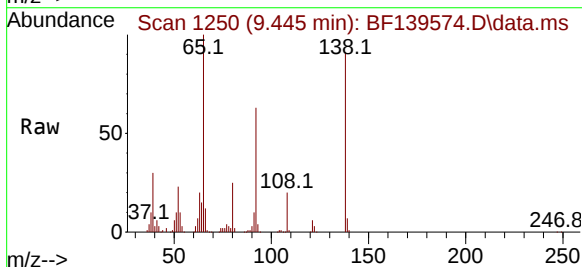
Tgt Ion: 65 Resp: 184198

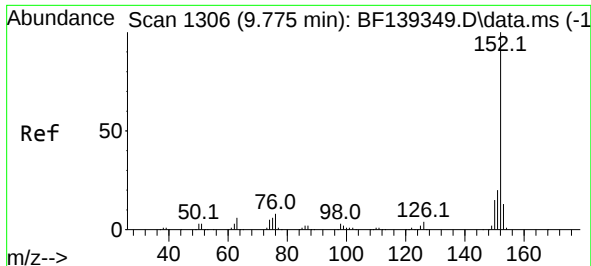
Ion Ratio Lower Upper

65 100

92 62.8 50.3 75.5

138 91.0 71.3 106.9





#49

Acenaphthylene

Concen: 55.413 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

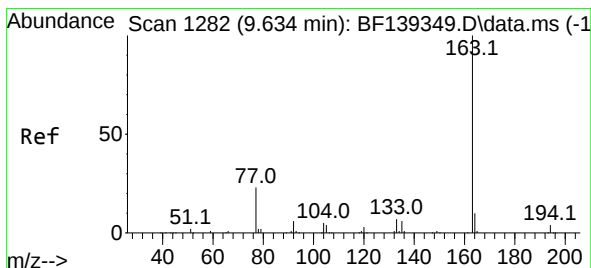
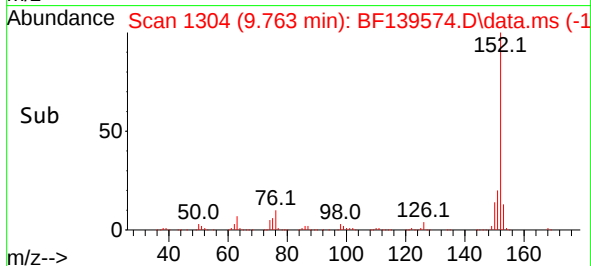
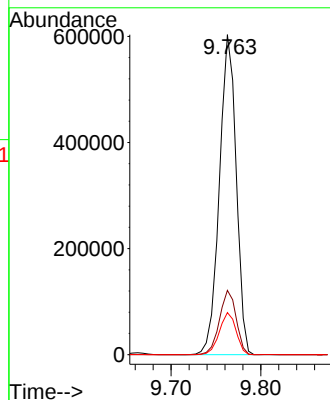
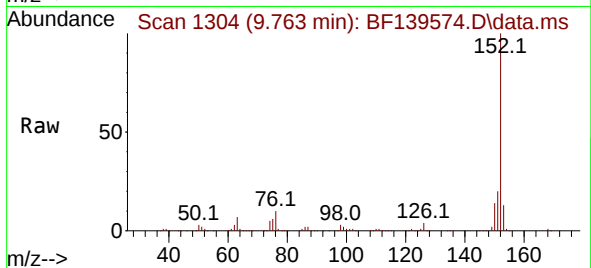
Tgt Ion:152 Resp: 784469

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 53.021 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

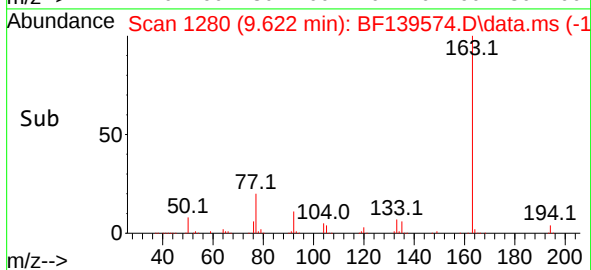
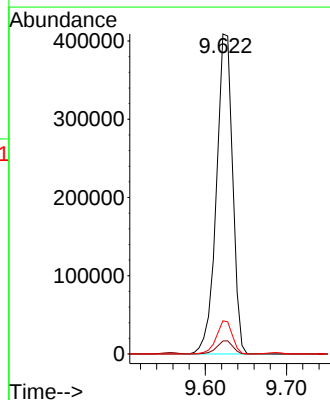
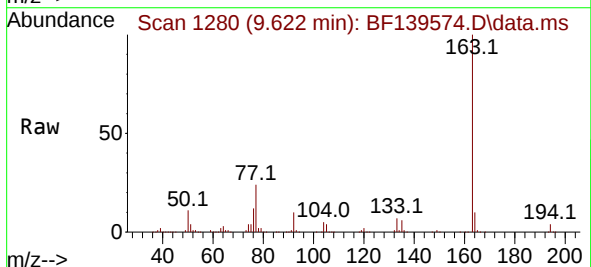
Tgt Ion:163 Resp: 568962

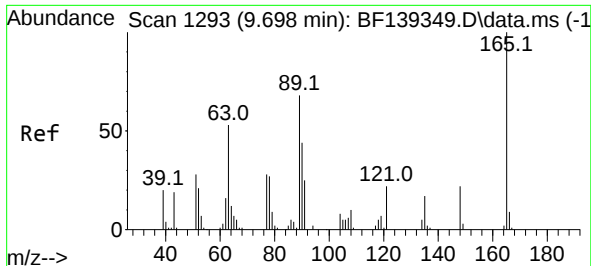
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.3 8.2 12.2

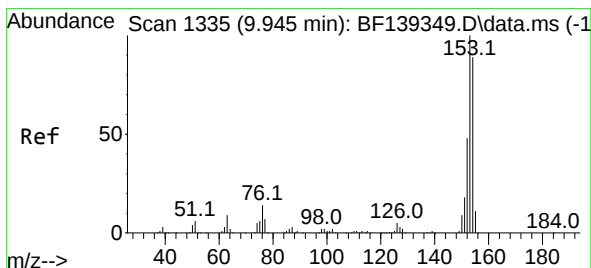
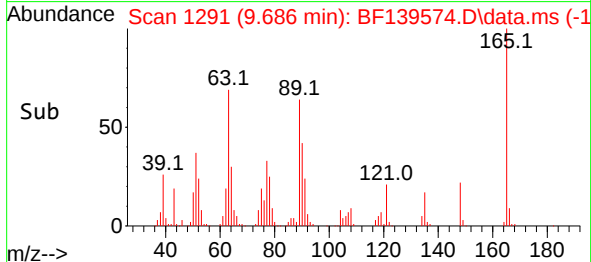
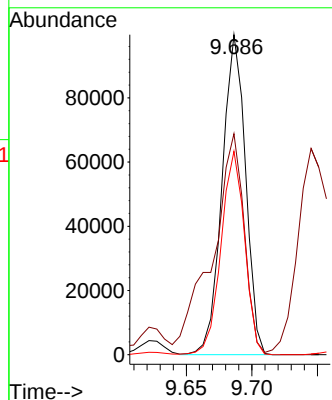
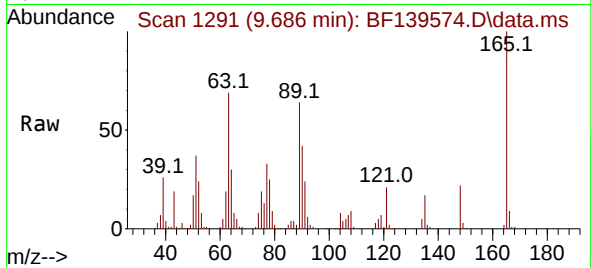




#51
2,6-Dinitrotoluene
Concen: 52.036 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

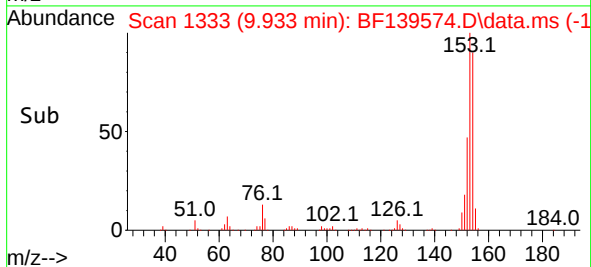
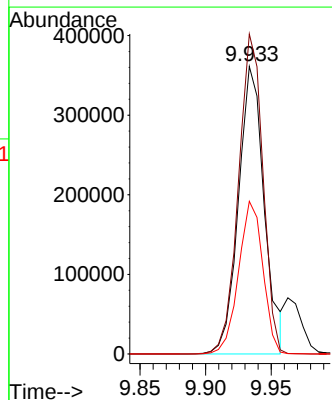
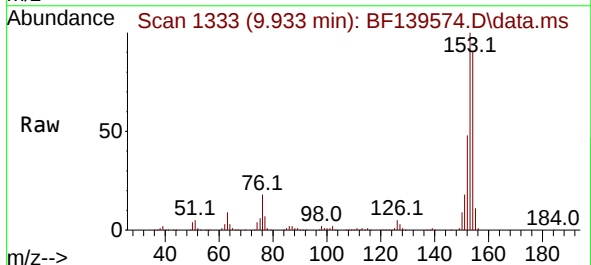
Instrument :
BNA_F
ClientSampleId :
PB163743BS

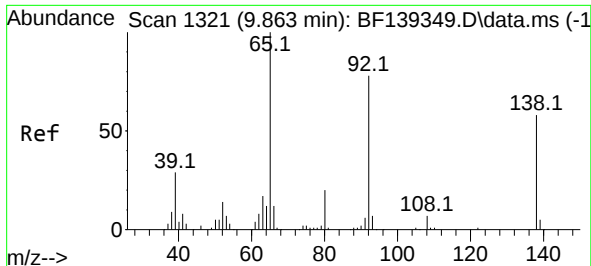
Tgt Ion:165 Resp: 123702
Ion Ratio Lower Upper
165 100
63 69.1 60.9 91.3
89 63.6 54.7 82.1



#52
Acenaphthene
Concen: 50.019 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:154 Resp: 494208
Ion Ratio Lower Upper
154 100
153 111.3 89.5 134.3
152 53.1 42.6 64.0

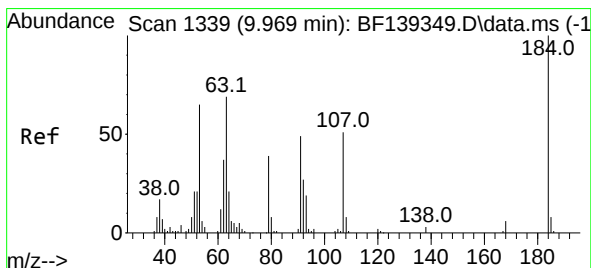
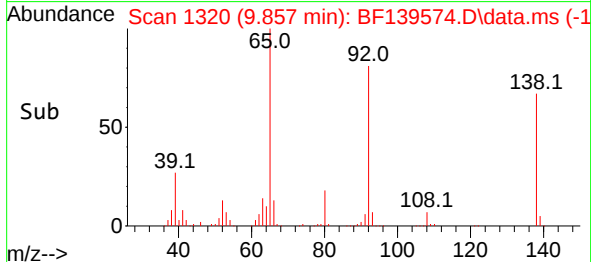
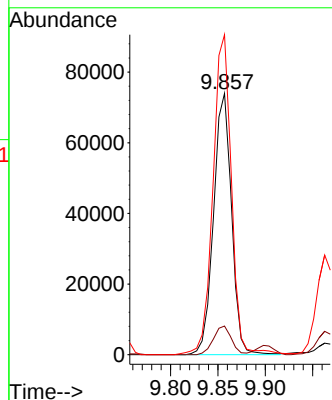
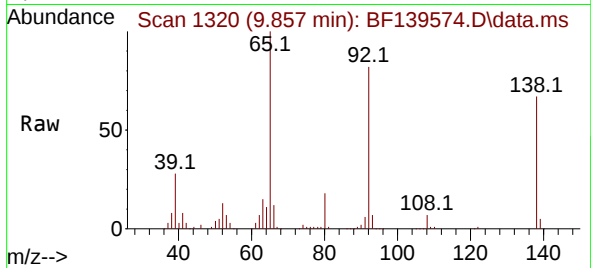




#53
3-Nitroaniline
Concen: 41.095 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

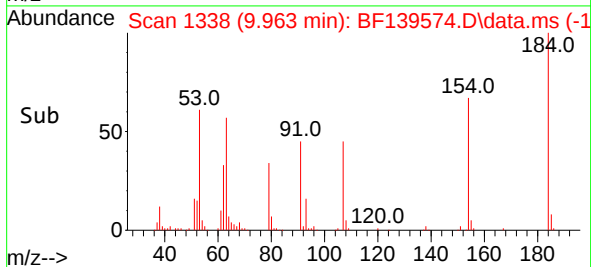
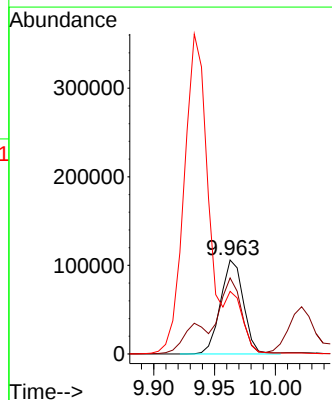
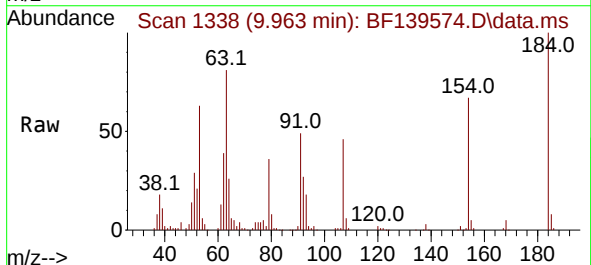
Instrument :
BNA_F
ClientSampleId :
PB163743BS

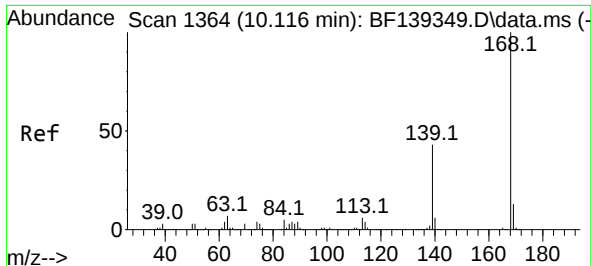
Tgt Ion:138 Resp: 97633
Ion Ratio Lower Upper
138 100
108 11.0 9.8 14.8
92 122.5 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 105.225 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:184 Resp: 139386
Ion Ratio Lower Upper
184 100
63 80.8 69.3 103.9
154 66.5 67.5 101.3#

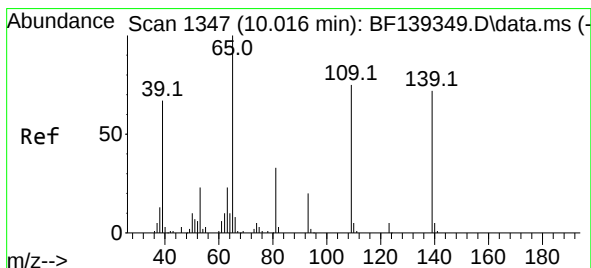
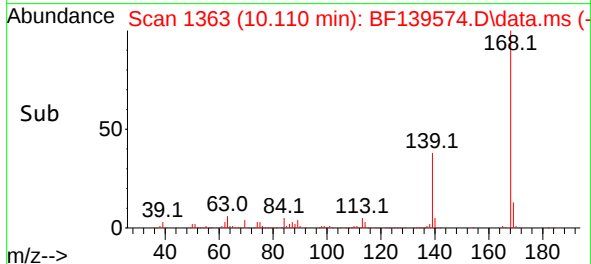
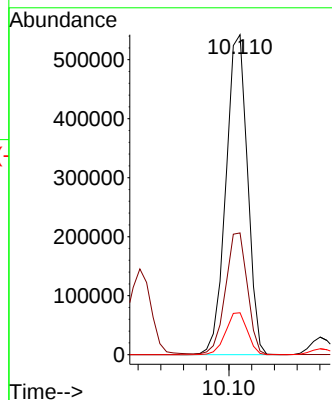
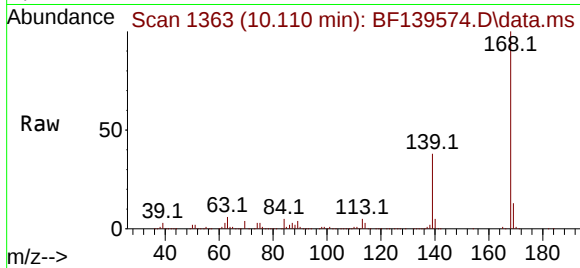




#55
Dibenzenofuran
Concen: 51.957 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

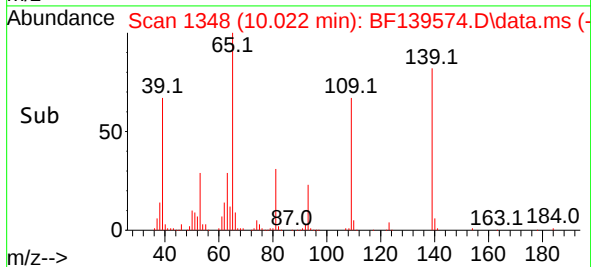
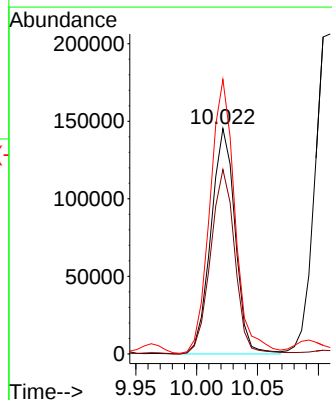
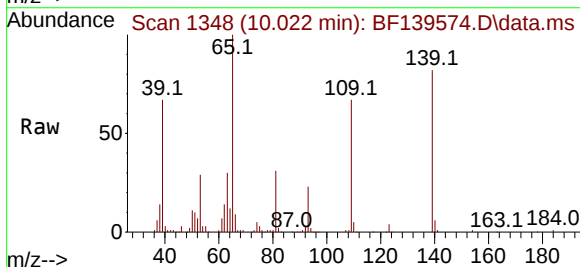
Instrument :
BNA_F
ClientSampleId :
PB163743BS

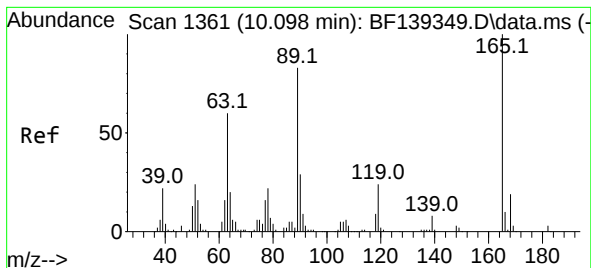
Tgt Ion:168 Resp: 715525
Ion Ratio Lower Upper
168 100
139 38.0 34.1 51.1
169 13.1 10.5 15.7



#56
4-Nitrophenol
Concen: 102.286 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:139 Resp: 201078
Ion Ratio Lower Upper
139 100
109 81.8 84.1 124.1#
65 121.9 120.0 160.0

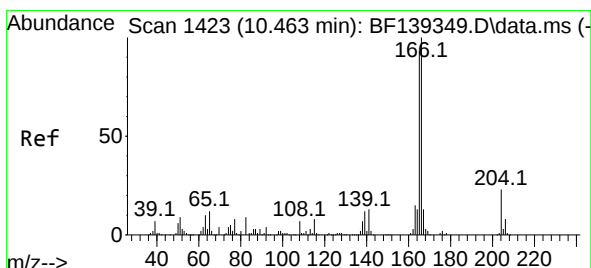
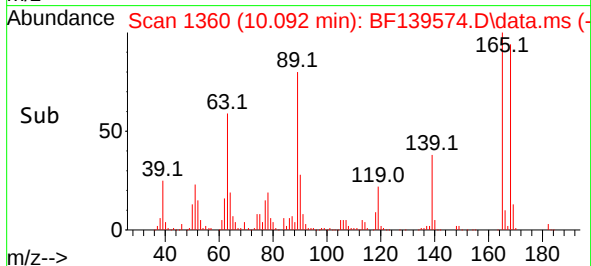
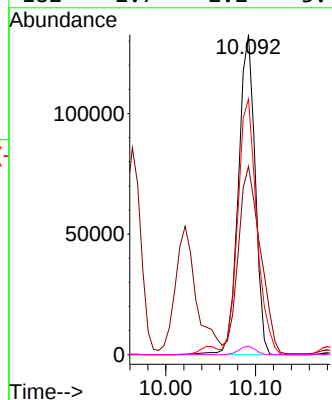
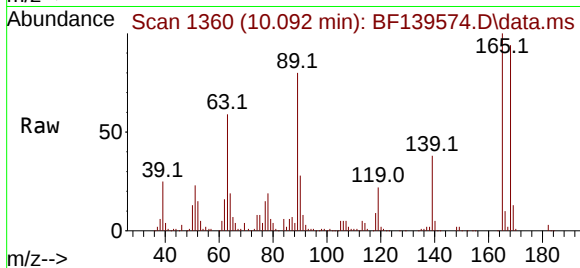




#57
2,4-Dinitrotoluene
Concen: 53.428 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

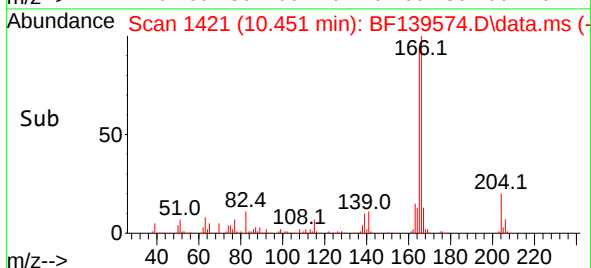
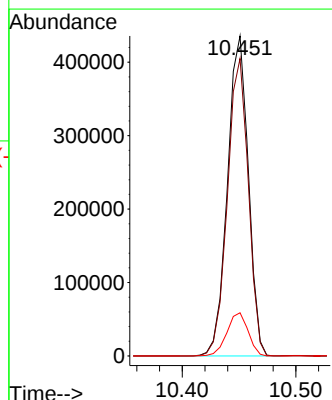
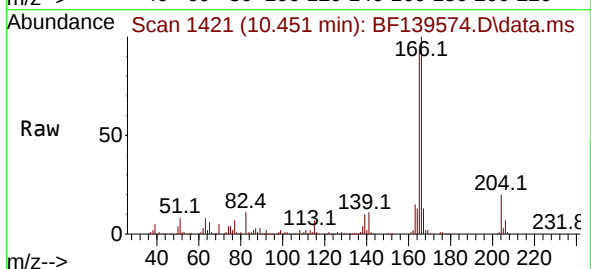
Instrument :
BNA_F
ClientSampleId :
PB163743BS

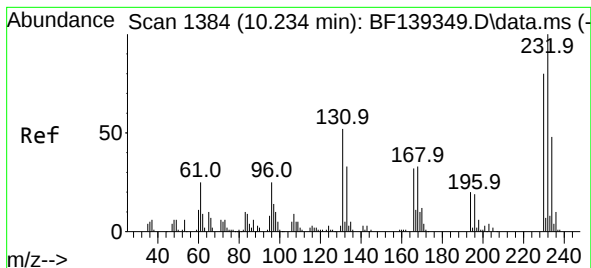
Tgt Ion:165 Resp: 171475
Ion Ratio Lower Upper
165 100
63 58.9 47.8 71.6
89 79.9 66.7 100.1
182 2.7 2.2 3.4



#58
Fluorene
Concen: 49.509 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:166 Resp: 556297
Ion Ratio Lower Upper
166 100
165 93.0 74.5 111.7
167 13.5 10.6 16.0

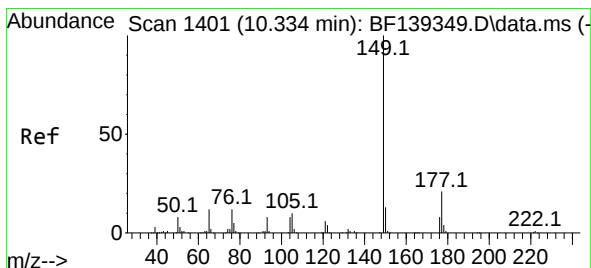
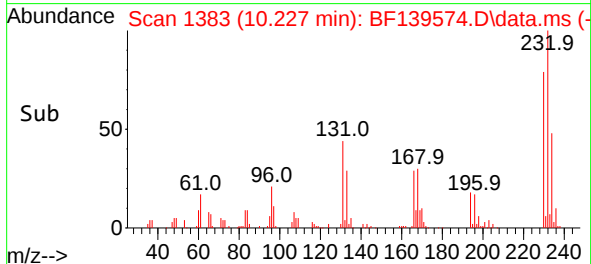
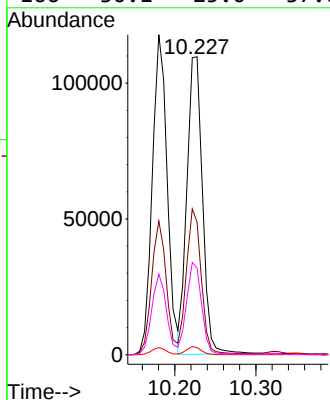
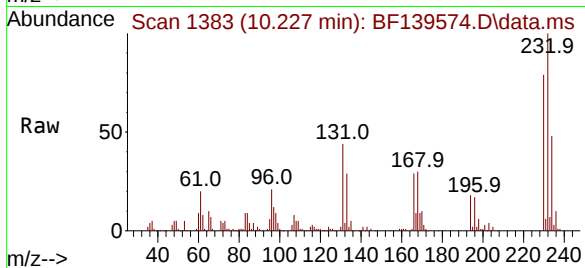




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.333 ng
RT: 10.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

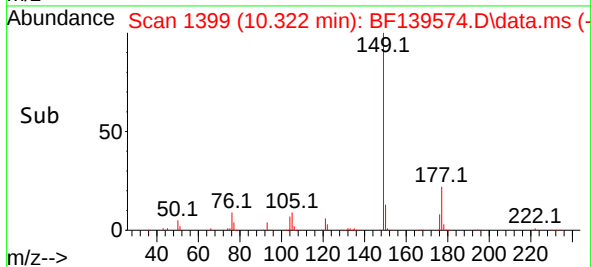
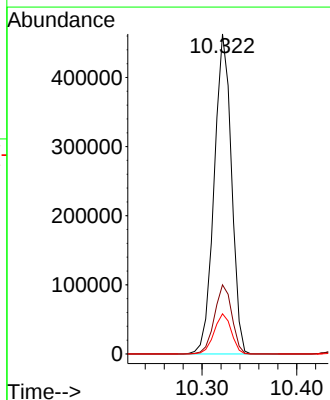
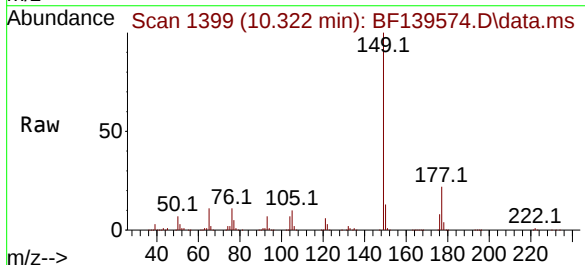
Instrument :
BNA_F
ClientSampleId :
PB163743BS

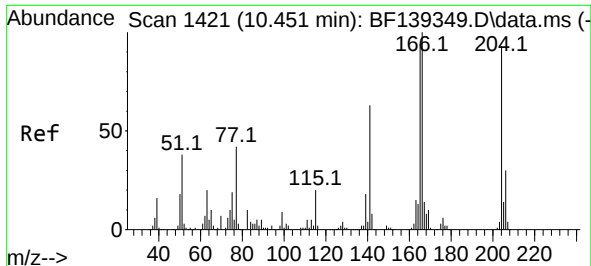
Tgt Ion:232 Resp: 146707
Ion Ratio Lower Upper
232 100
131 47.0 40.7 61.1
130 2.5 2.2 3.2
166 30.1 25.0 37.6



#60
Diethylphthalate
Concen: 53.095 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:149 Resp: 587974
Ion Ratio Lower Upper
149 100
177 21.6 16.6 24.8
150 12.5 10.6 15.8

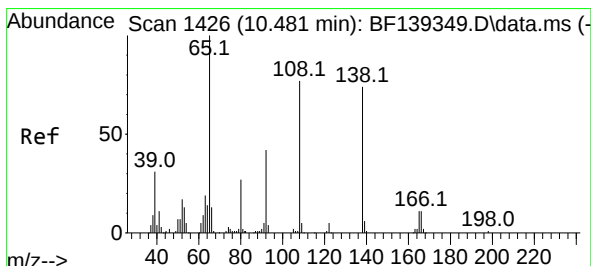
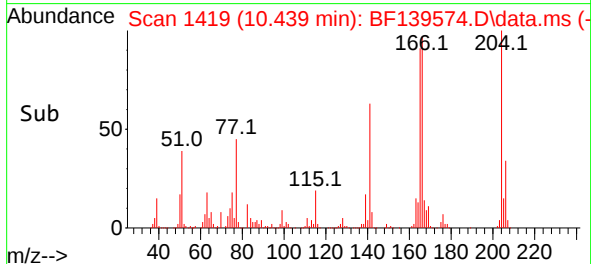
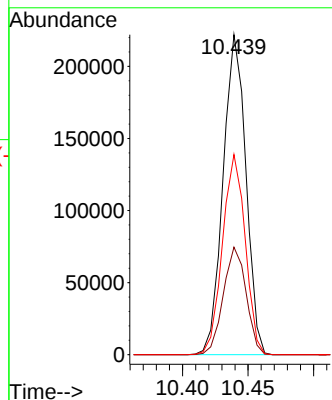
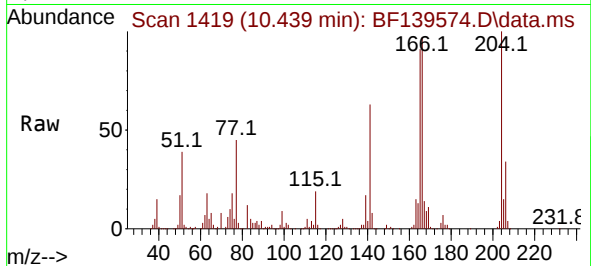




#61
4-Chlorophenyl-phenylether
Concen: 49.127 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

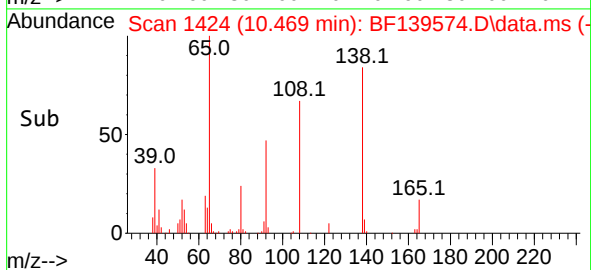
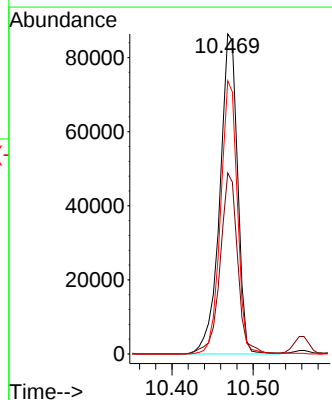
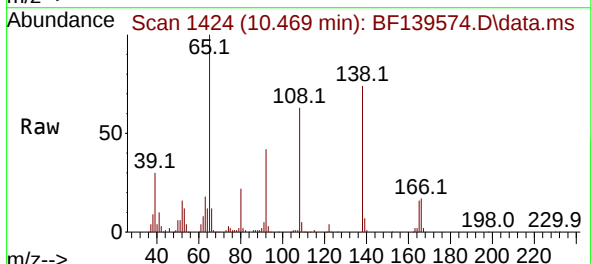
Instrument :
BNA_F
ClientSampleId :
PB163743BS

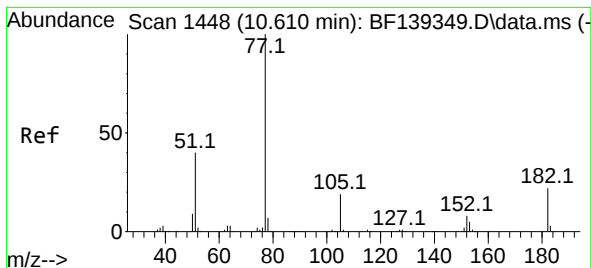
Tgt Ion:204 Resp: 268269
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 62.6 53.9 80.9



#62
4-Nitroaniline
Concen: 50.787 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:138 Resp: 131685
Ion Ratio Lower Upper
138 100
92 56.6 37.0 77.0
108 85.4 84.4 124.4





#63

Azobenzene

Concen: 54.321 ng

RT: 10.598 min Scan# 1446

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

Tgt Ion: 77 Resp: 591658

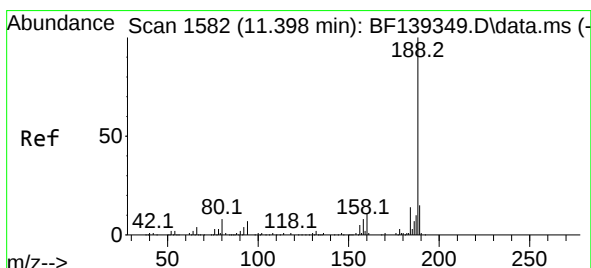
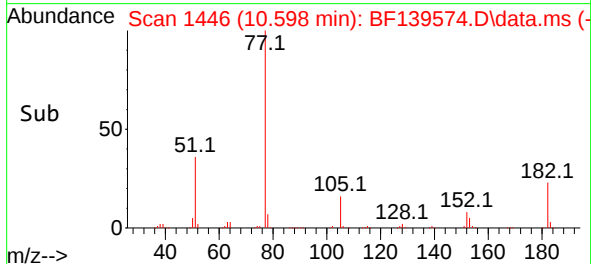
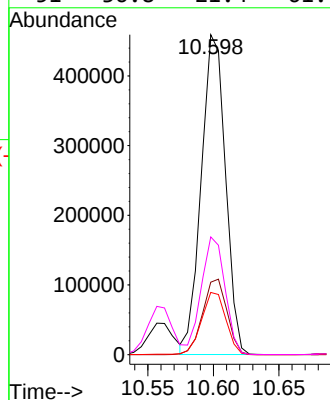
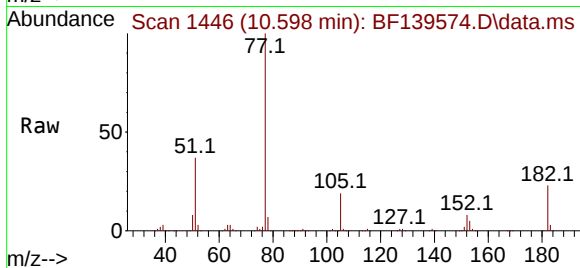
Ion Ratio Lower Upper

77 100

182 22.7 1.8 41.8

105 19.4 0.0 38.6

51 36.8 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

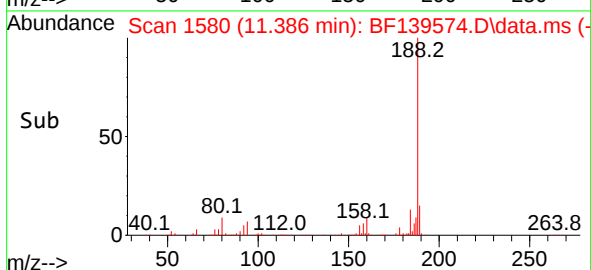
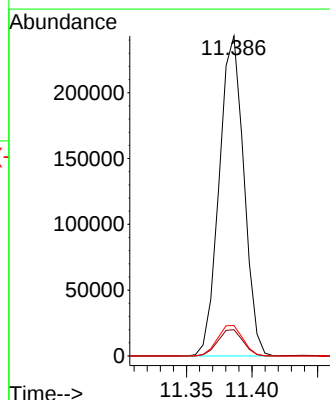
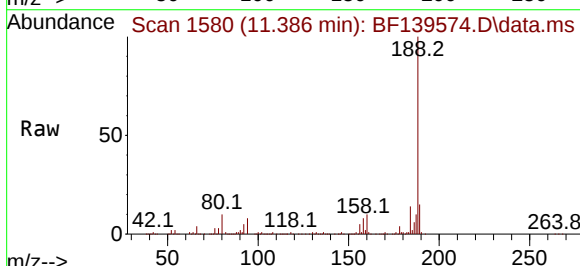
Tgt Ion: 188 Resp: 317453

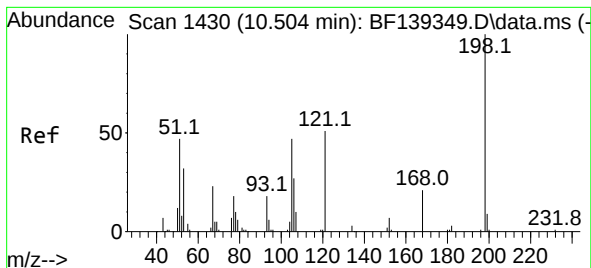
Ion Ratio Lower Upper

188 100

94 8.2 5.5 8.3

80 9.5 6.6 9.8

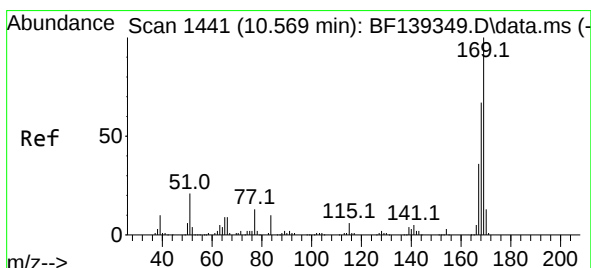
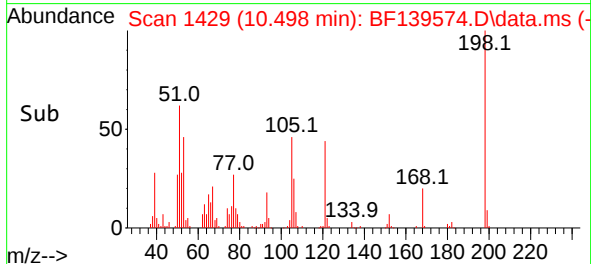
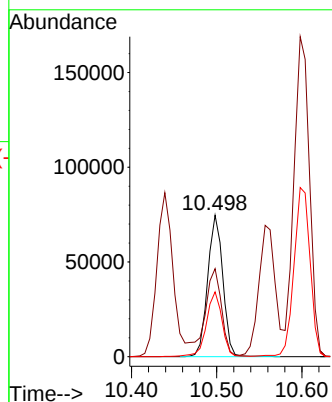
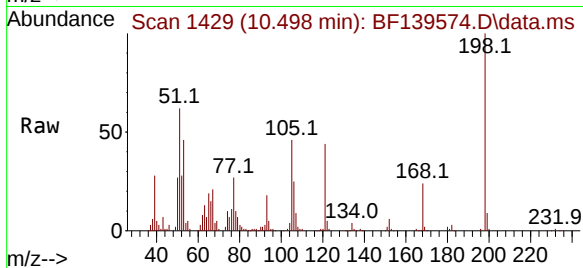




#65
4,6-Dinitro-2-methylphenol
Concen: 55.114 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

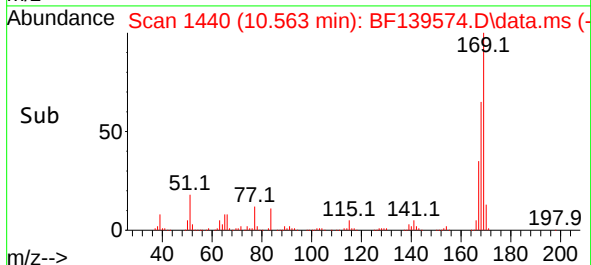
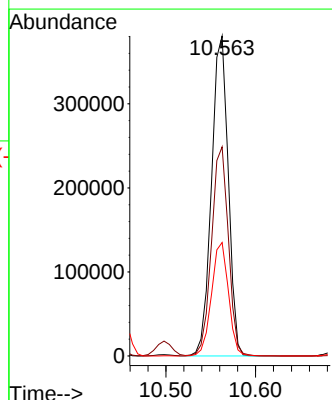
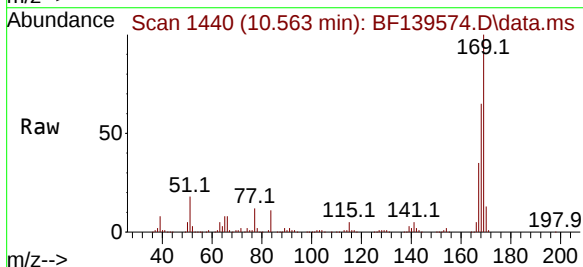
Instrument :
BNA_F
ClientSampleId :
PB163743BS

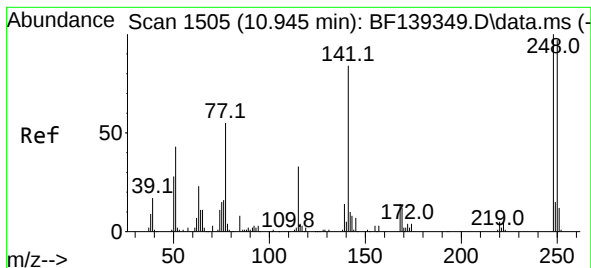
Tgt Ion:198 Resp: 92342
Ion Ratio Lower Upper
198 100
51 62.2 50.4 90.4
105 45.8 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 53.059 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:169 Resp: 492456
Ion Ratio Lower Upper
169 100
168 65.4 53.6 80.4
167 35.4 28.7 43.1

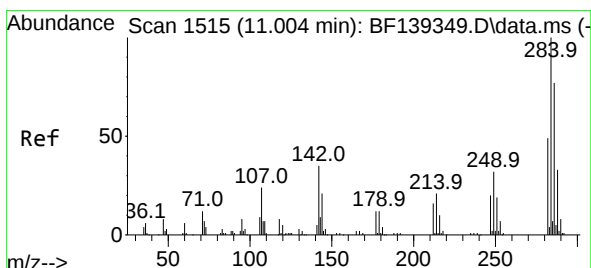
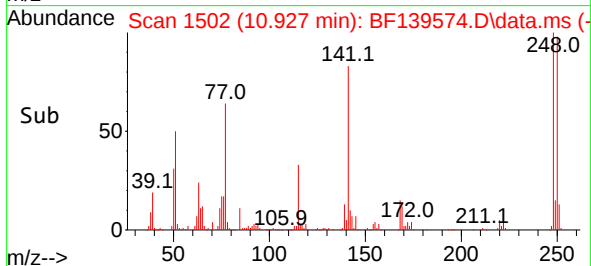
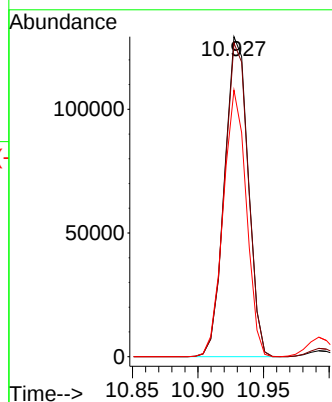
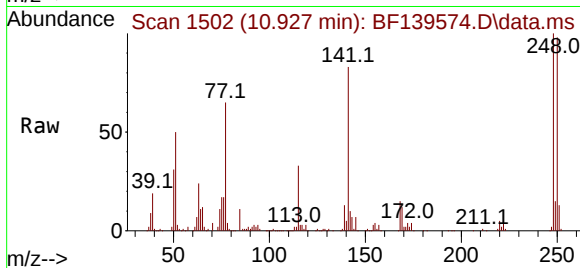




#67
4-Bromophenyl-phenylether
Concen: 51.629 ng
RT: 10.927 min Scan# 1513
Delta R.T. -0.018 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

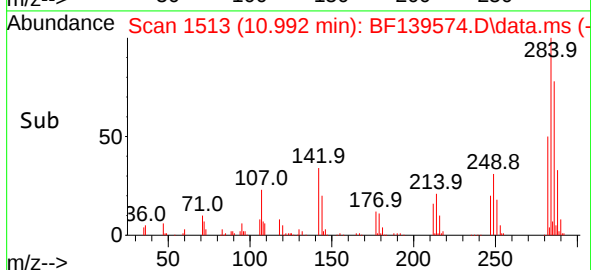
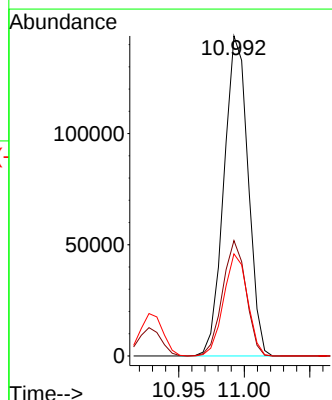
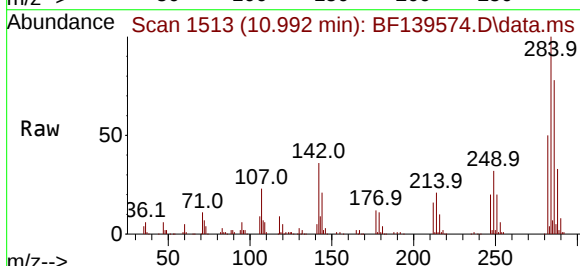
Instrument :
BNA_F
ClientSampleId :
PB163743BS

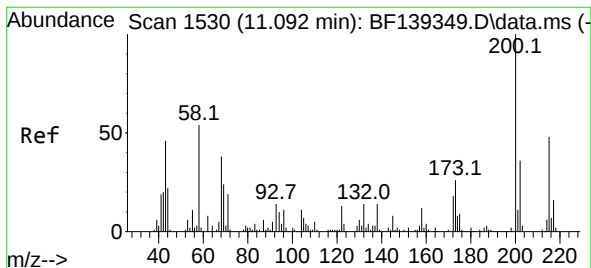
Tgt Ion:248 Resp: 162417
Ion Ratio Lower Upper
248 100
250 98.0 77.6 116.4
141 83.3 66.9 100.3



#68
Hexachlorobenzene
Concen: 49.856 ng
RT: 10.992 min Scan# 1513
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:284 Resp: 184073
Ion Ratio Lower Upper
284 100
142 36.0 28.0 42.0
249 31.9 25.3 37.9





#69

Atrazine

Concen: 72.931 ng

RT: 11.086 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

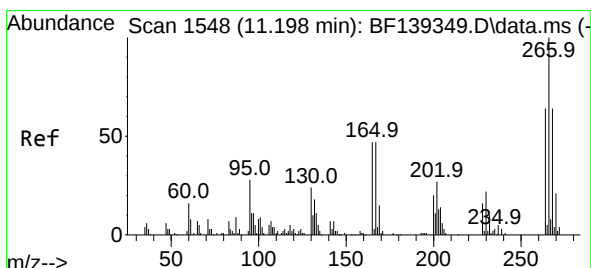
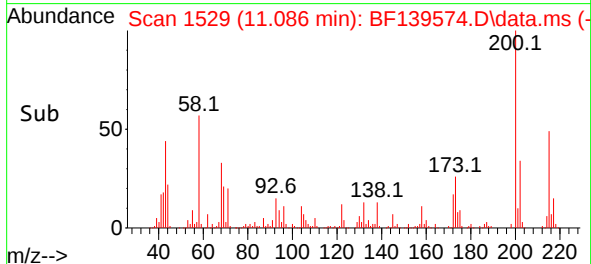
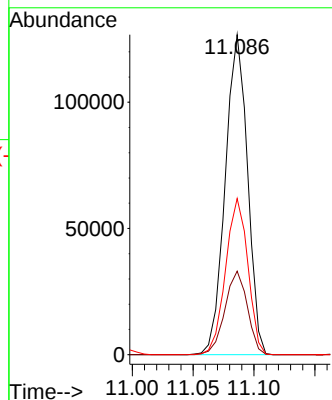
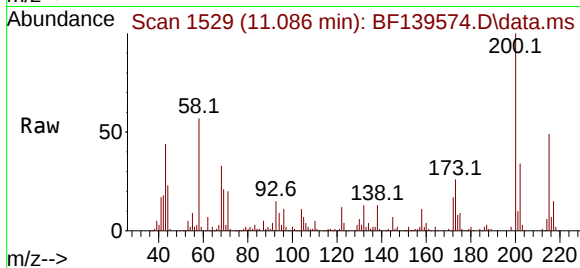
Tgt Ion:200 Resp: 161145

Ion Ratio Lower Upper

200 100

173 26.1 6.1 46.1

215 48.8 28.2 68.2



#70

Pentachlorophenol

Concen: 92.762 ng

RT: 11.192 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

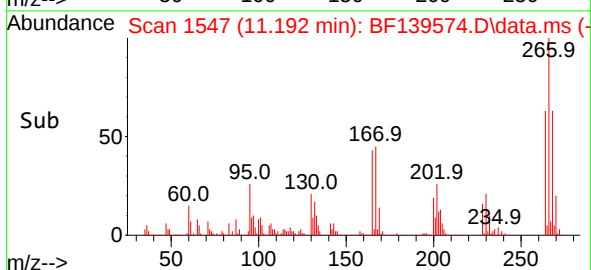
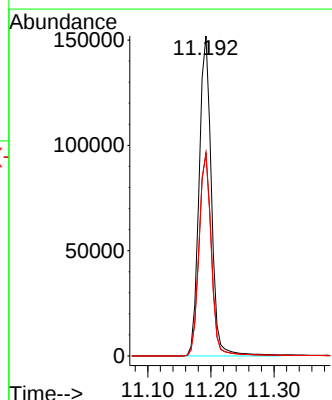
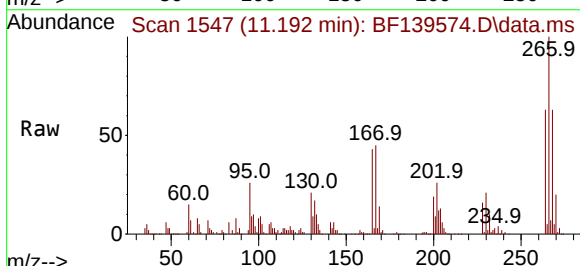
Tgt Ion:266 Resp: 205505

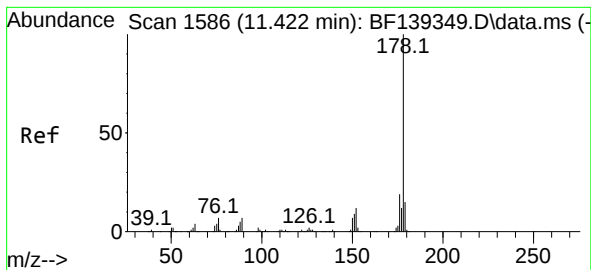
Ion Ratio Lower Upper

266 100

268 63.5 51.1 76.7

264 63.1 51.4 77.0





#71

Phenanthrene

Concen: 52.896 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

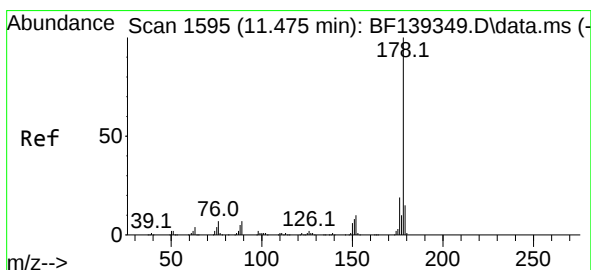
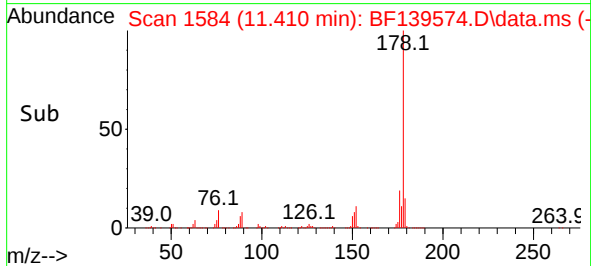
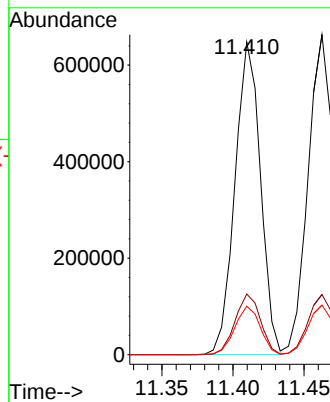
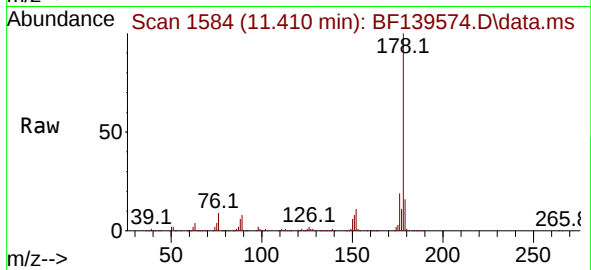
Tgt Ion:178 Resp: 810144

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

179 15.5 12.2 18.4



#72

Anthracene

Concen: 55.556 ng

RT: 11.463 min Scan# 1593

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

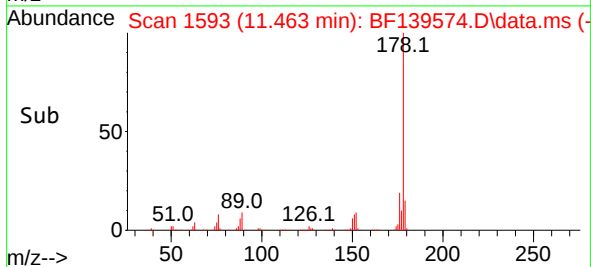
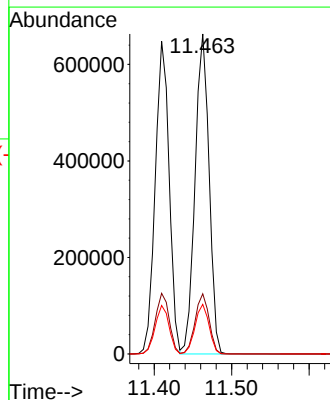
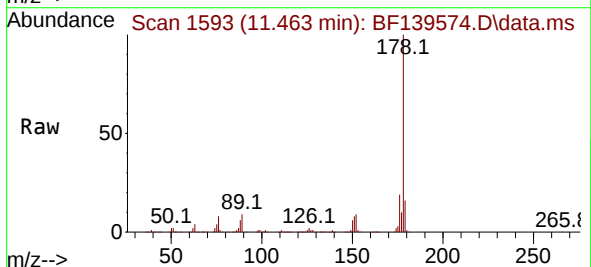
Tgt Ion:178 Resp: 831922

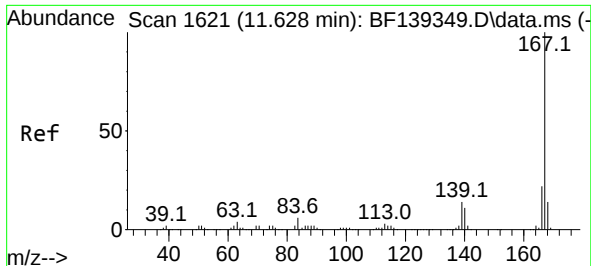
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

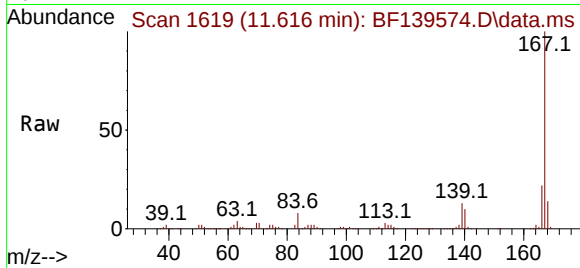
179 15.5 12.0 18.0



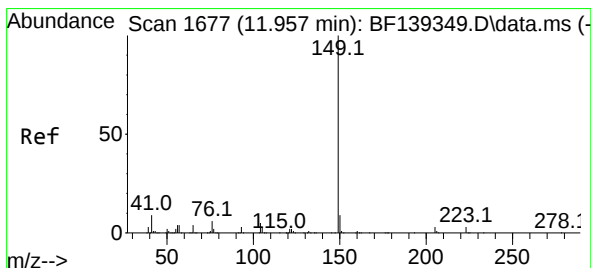
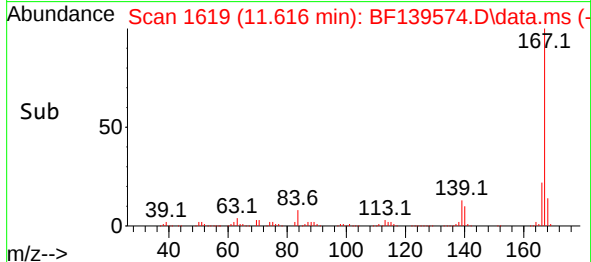
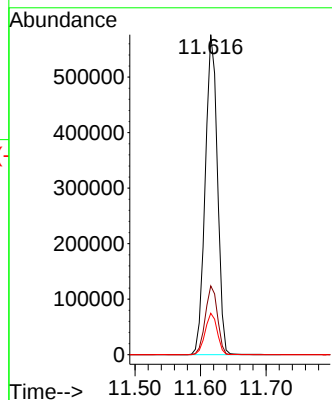


#73
 Carbazole
 Concen: 52.180 ng
 RT: 11.616 min Scan# 1619
 Delta R.T. -0.012 min
 Lab File: BF139574.D
 Acq: 30 Sep 2024 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB163743BS

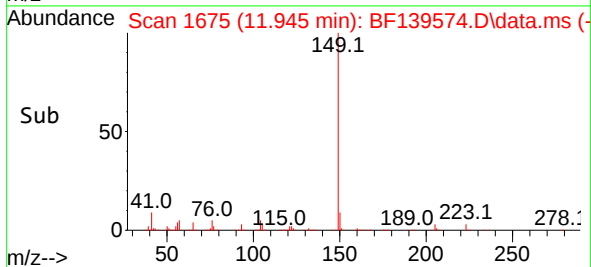
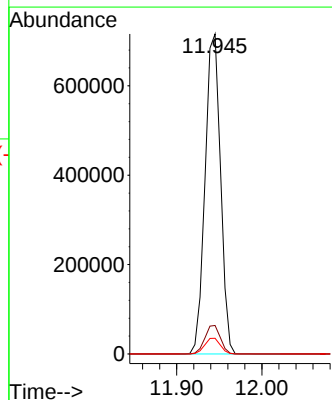
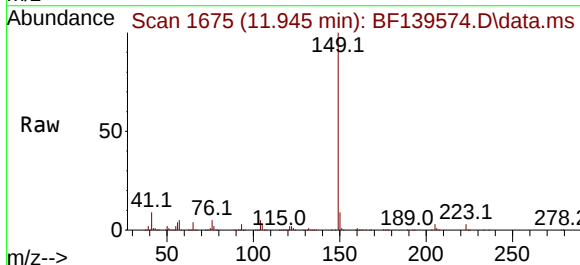


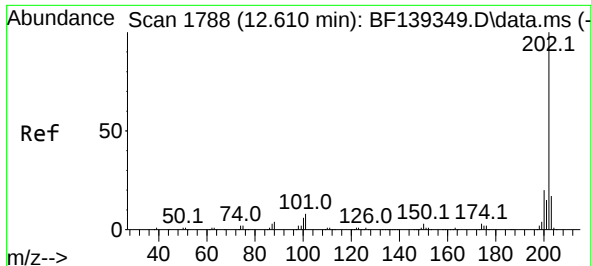
Tgt Ion:167 Resp: 747844
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 12.9 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 56.434 ng
 RT: 11.945 min Scan# 1675
 Delta R.T. -0.012 min
 Lab File: BF139574.D
 Acq: 30 Sep 2024 12:56

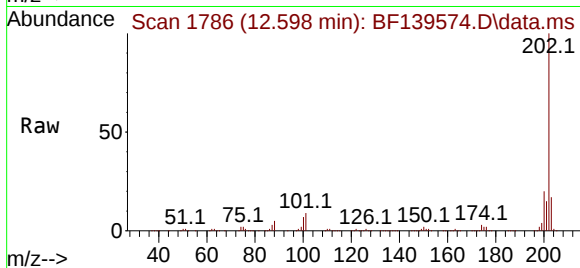
Tgt Ion:149 Resp: 901006
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 4.9 4.3 6.5



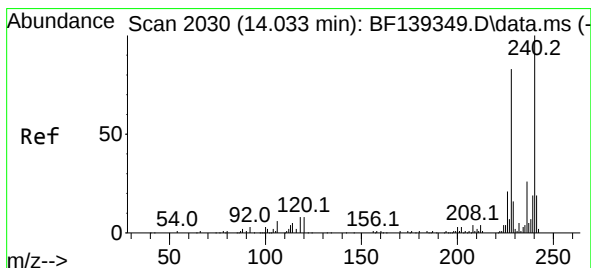
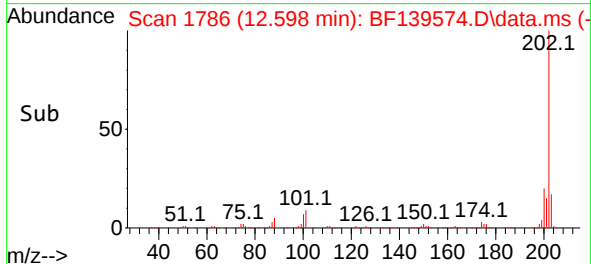
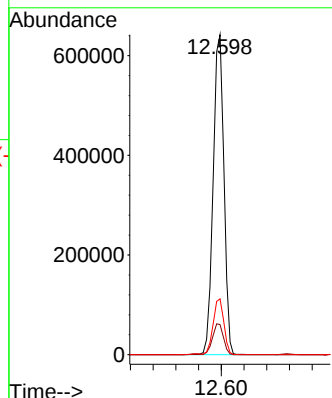


#75
Fluoranthene
Concen: 51.399 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Instrument :
BNA_F
ClientSampleId :
PB163743BS

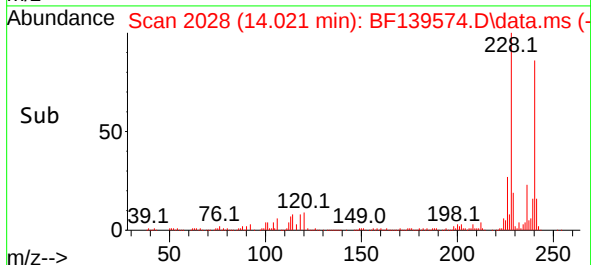
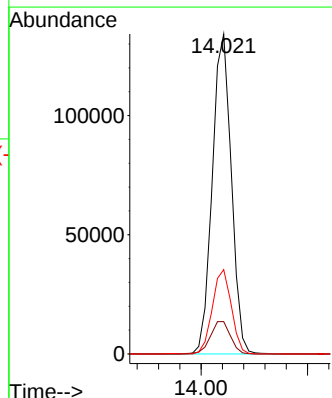
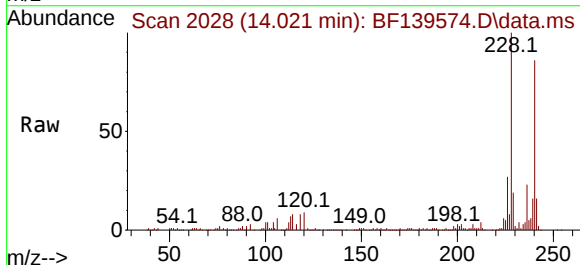


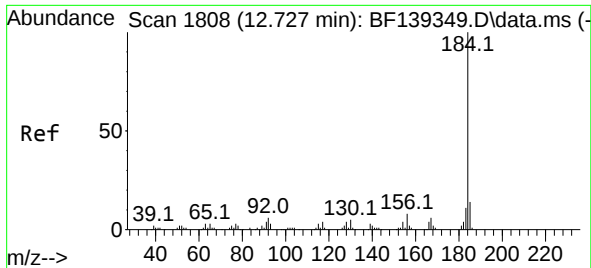
Tgt Ion:202 Resp: 840684
Ion Ratio Lower Upper
202 100
101 9.4 0.0 27.7
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:240 Resp: 166546
Ion Ratio Lower Upper
240 100
120 10.1 6.2 9.2#
236 26.3 20.9 31.3

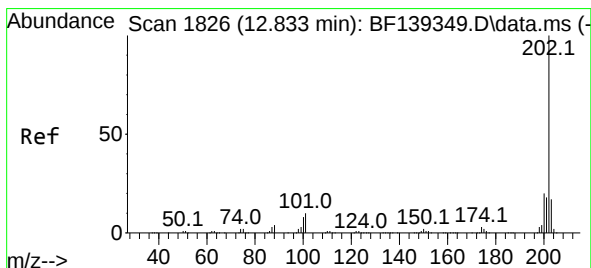
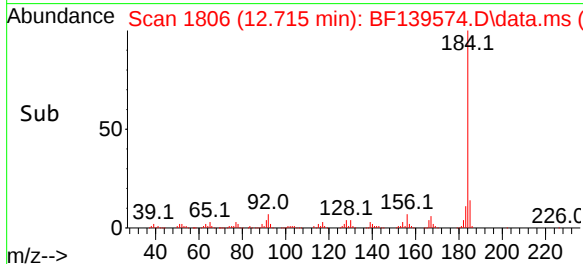
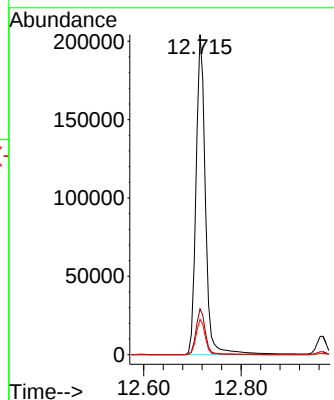
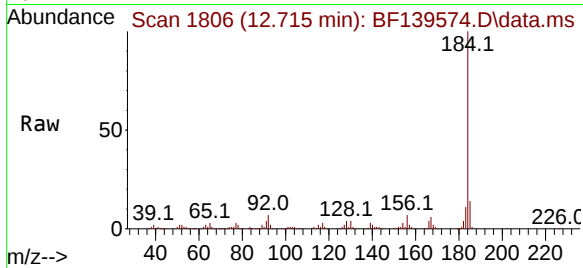




#77
Benzidine
Concen: 115.489 ng
RT: 12.715 min Scan# 1806
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

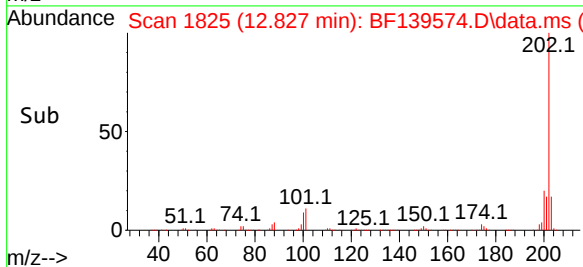
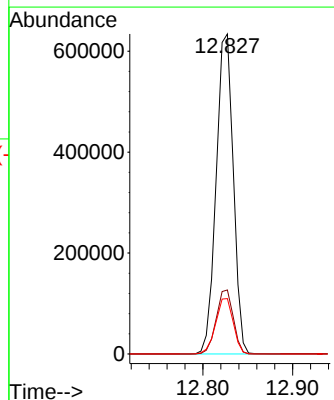
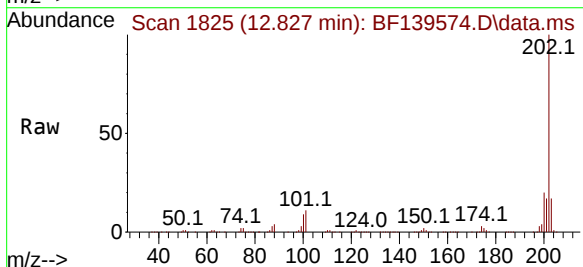
Instrument :
BNA_F
ClientSampleId :
PB163743BS

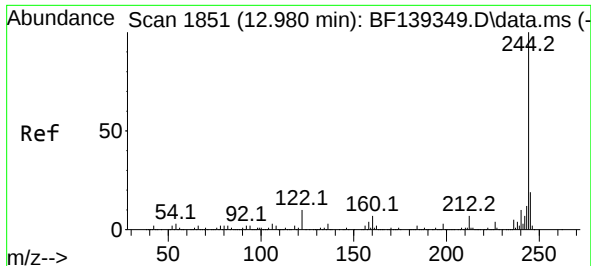
Tgt Ion:184 Resp: 275571
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.0 8.9 13.3



#78
Pyrene
Concen: 58.791 ng
RT: 12.827 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

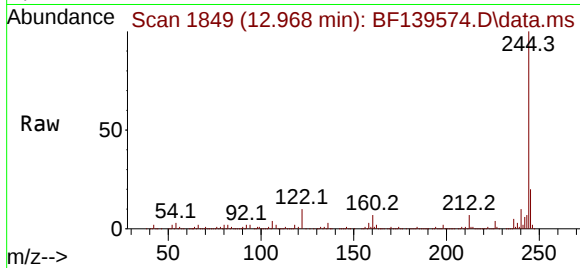
Tgt Ion:202 Resp: 840732
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.3 13.9 20.9



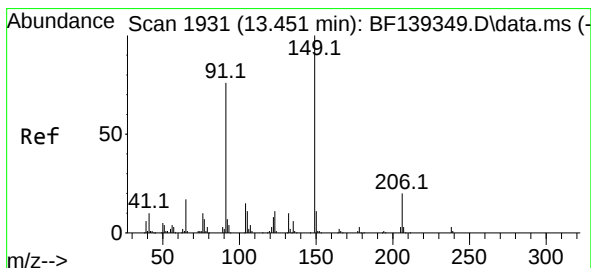
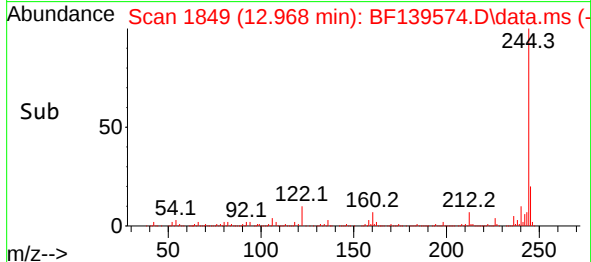
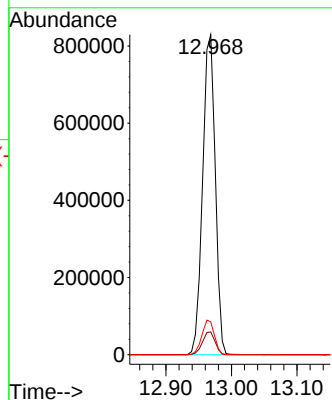


#79
 Terphenyl-d14
 Concen: 109.777 ng
 RT: 12.968 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF139574.D
 Acq: 30 Sep 2024 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB163743BS

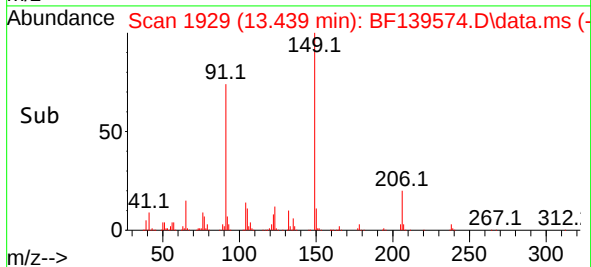
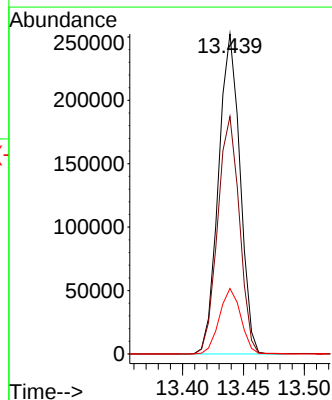
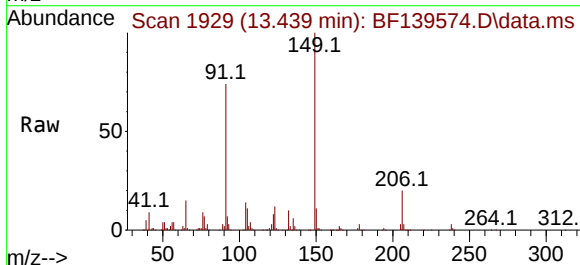


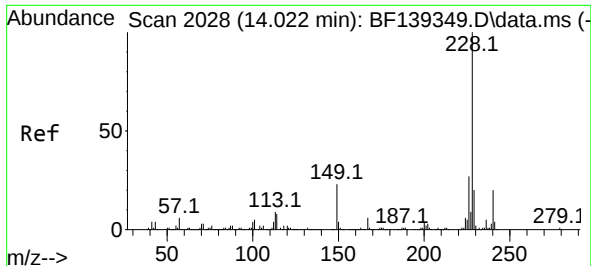
Tgt Ion:244 Resp: 1113870
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.2 7.6 11.4



#80
 Butylbenzylphthalate
 Concen: 63.835 ng
 RT: 13.439 min Scan# 1929
 Delta R.T. -0.012 min
 Lab File: BF139574.D
 Acq: 30 Sep 2024 12:56

Tgt Ion:149 Resp: 310718
 Ion Ratio Lower Upper
 149 100
 91 74.2 60.9 91.3
 206 20.5 15.8 23.8

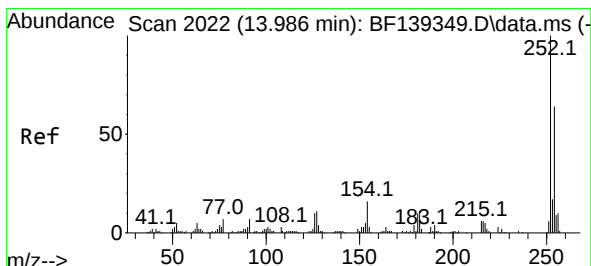
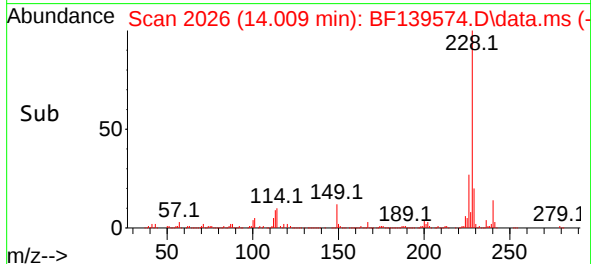
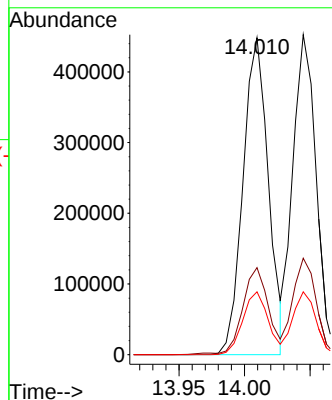
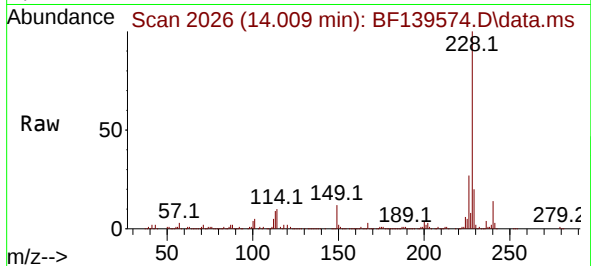




#81
Benzo(a)anthracene
Concen: 54.751 ng
RT: 14.009 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

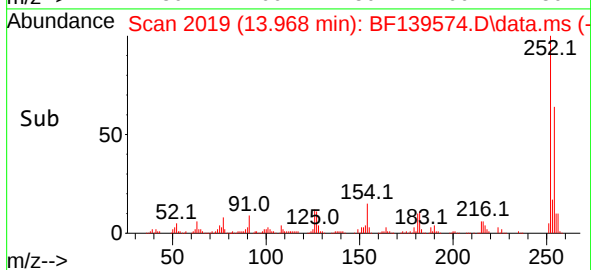
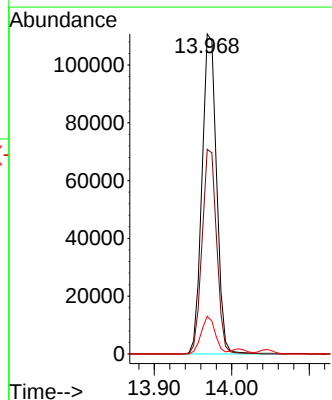
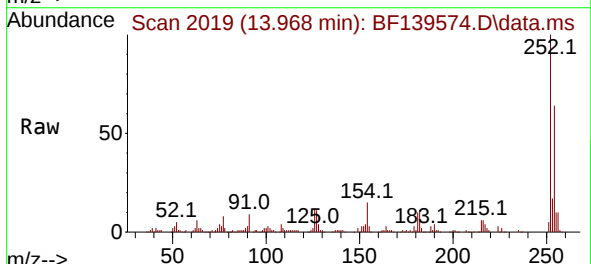
Instrument :
BNA_F
ClientSampleId :
PB163743BS

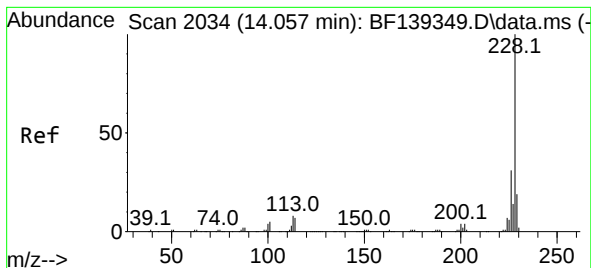
Tgt Ion:228 Resp: 604007
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 44.872 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:252 Resp: 144968
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.2
126 11.8 7.7 11.5#





#83

Chrysene

Concen: 54.858 ng

RT: 14.045 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

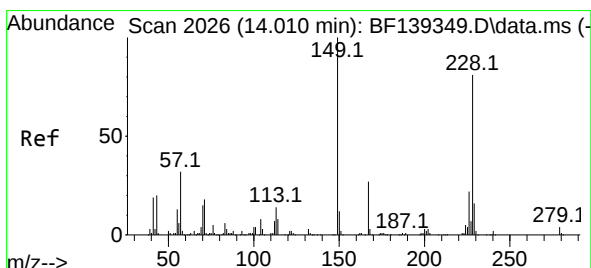
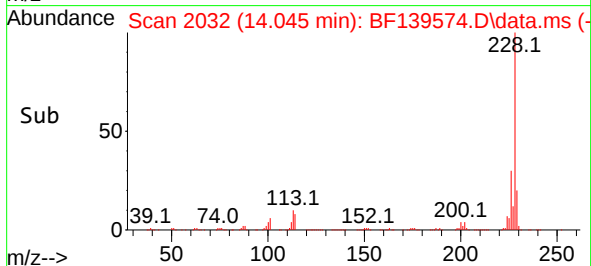
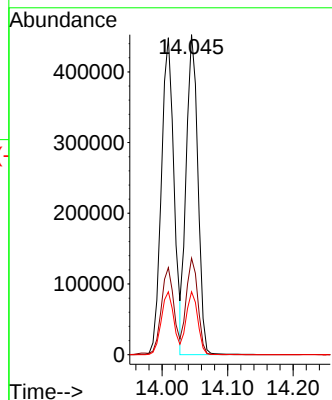
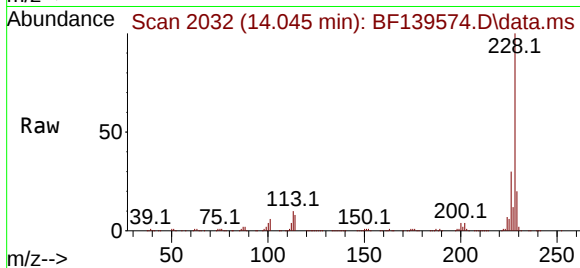
Tgt Ion:228 Resp: 556784

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.6 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.453 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.018 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

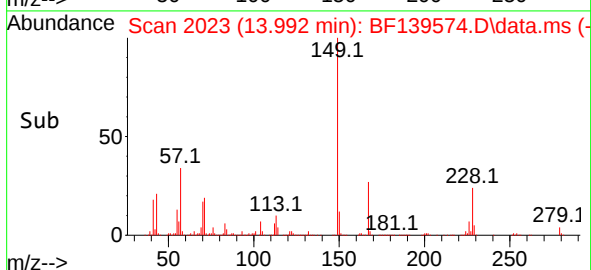
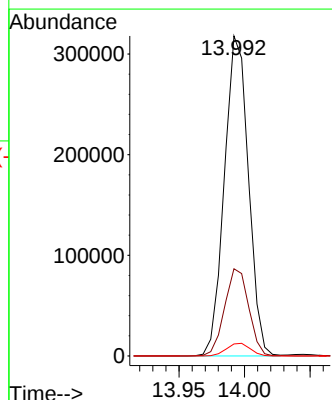
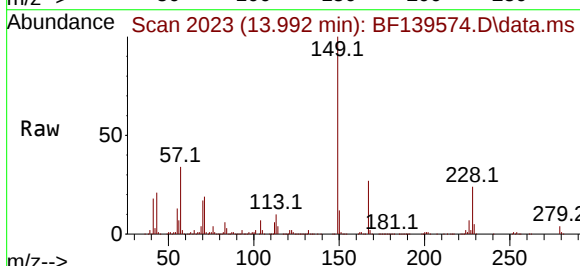
Tgt Ion:149 Resp: 405292

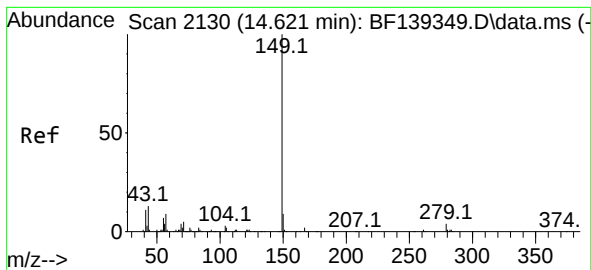
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 63.867 ng

RT: 14.604 min Scan# 2130

Delta R.T. -0.018 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

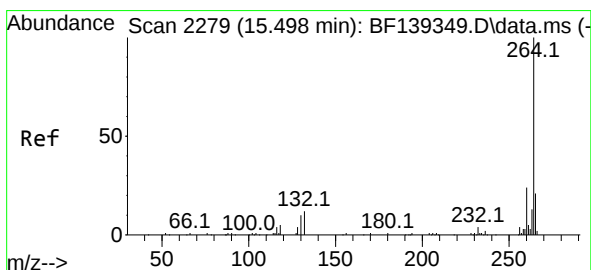
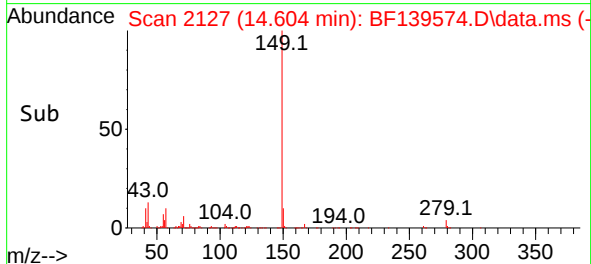
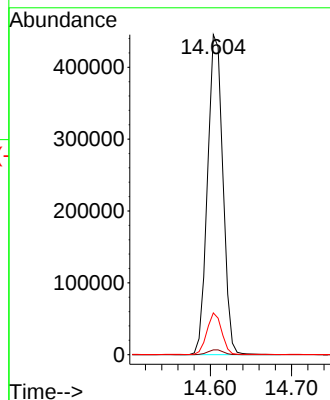
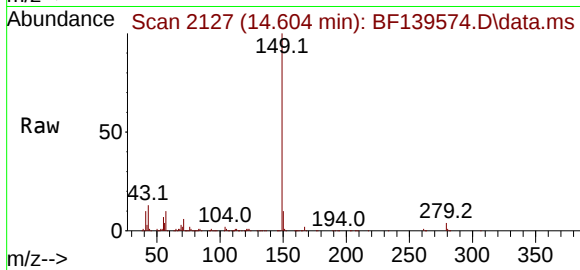
Tgt Ion:149 Resp: 582414

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.5 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.018 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

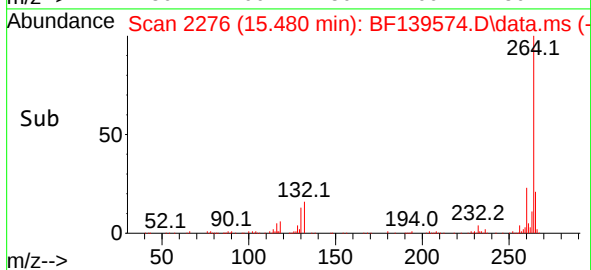
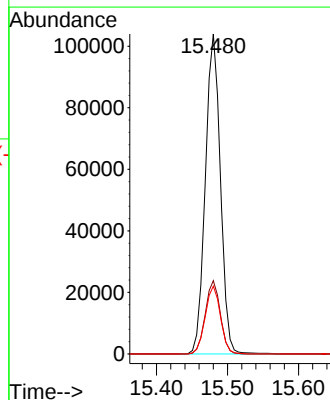
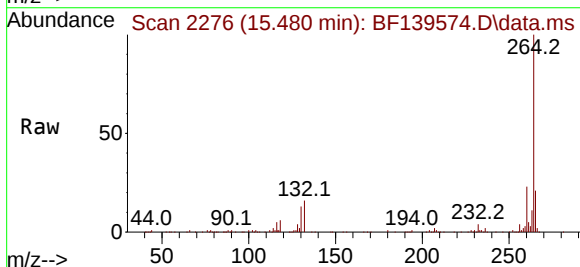
Tgt Ion:264 Resp: 153390

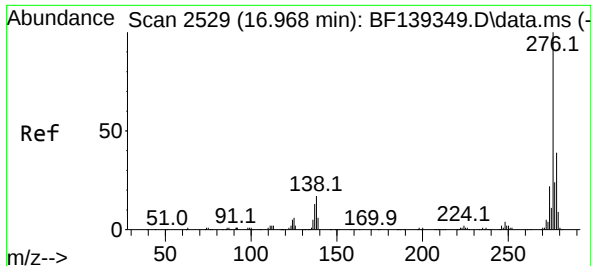
Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 21.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.669 ng

RT: 16.945 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB163743BS

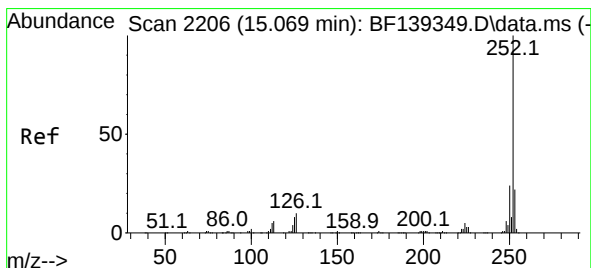
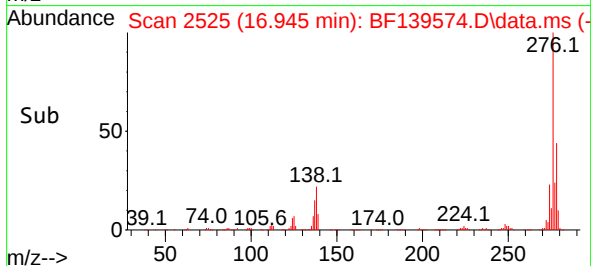
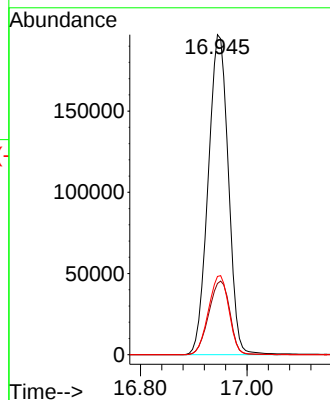
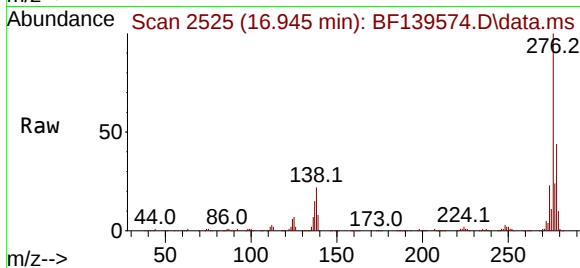
Tgt Ion:276 Resp: 516878

Ion Ratio Lower Upper

276 100

138 24.0 15.4 23.2#

277 25.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 52.694 ng

RT: 15.057 min Scan# 2204

Delta R.T. -0.012 min

Lab File: BF139574.D

Acq: 30 Sep 2024 12:56

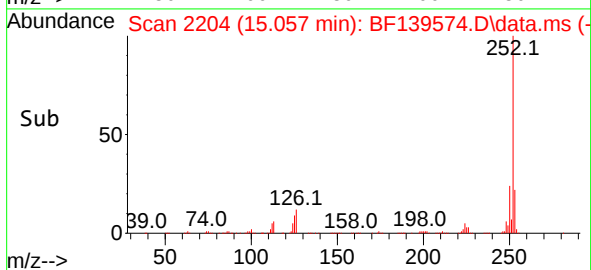
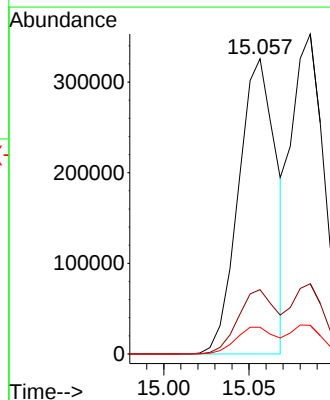
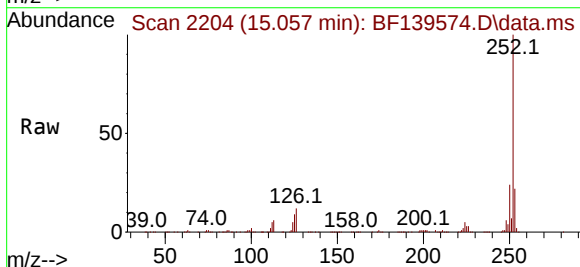
Tgt Ion:252 Resp: 498495

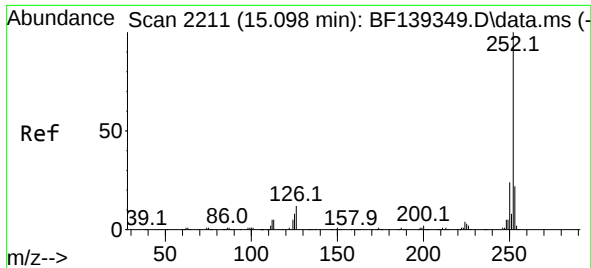
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.1 6.2 9.2

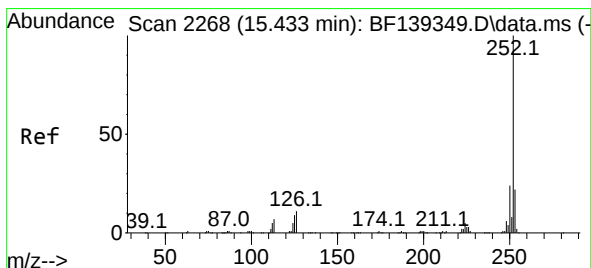
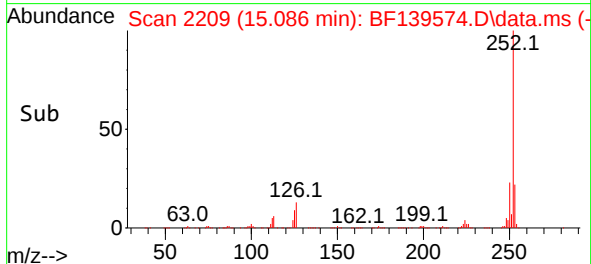
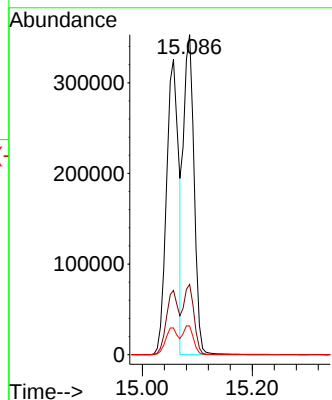
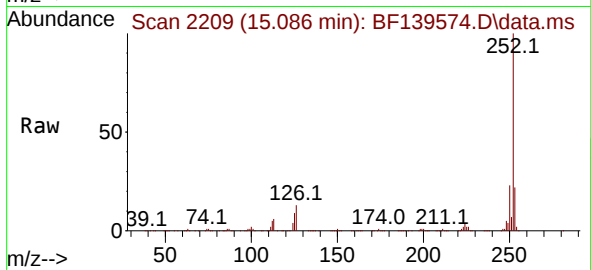




#89
Benzo(k)fluoranthene
Concen: 53.920 ng
RT: 15.086 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

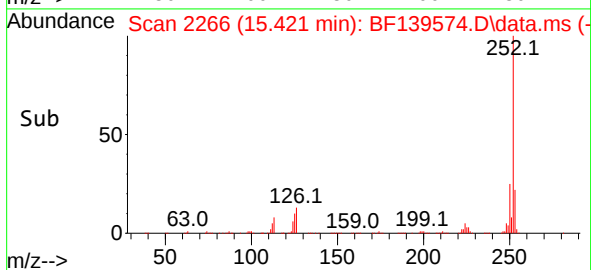
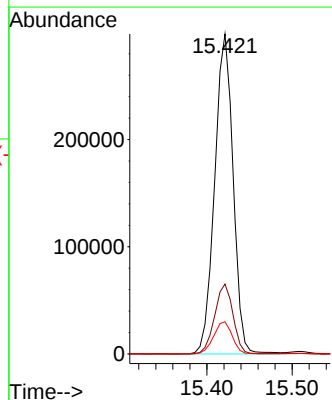
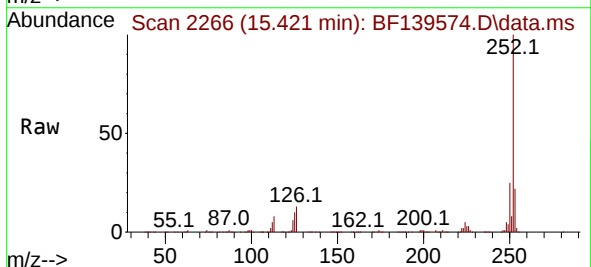
Instrument :
BNA_F
ClientSampleId :
PB163743BS

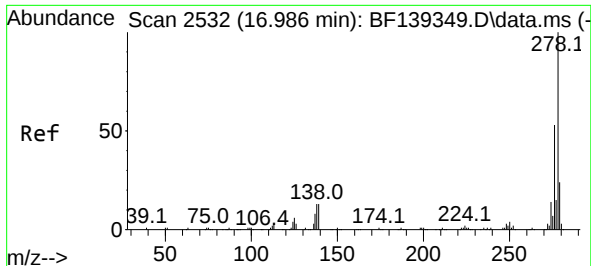
Tgt Ion:252 Resp: 470317
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 8.9 5.9 8.9#



#90
Benzo(a)pyrene
Concen: 57.263 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.012 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:252 Resp: 449268
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.0 6.8 10.2

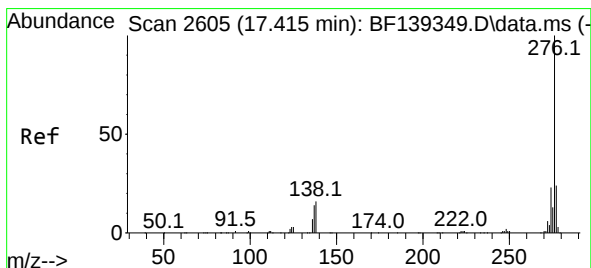
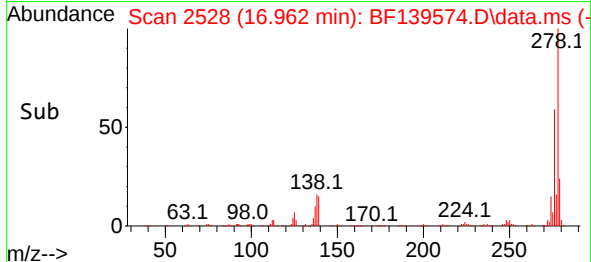
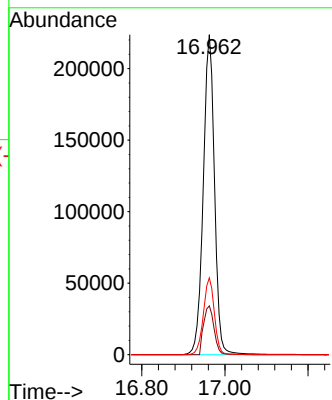
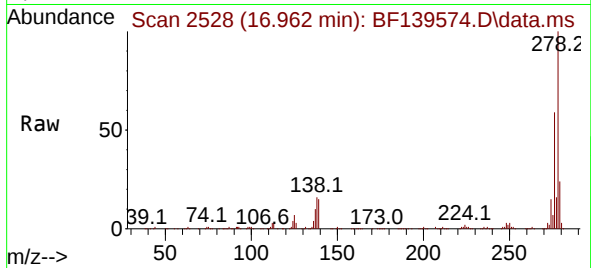




#91
Dibenzo(a,h)anthracene
Concen: 55.855 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Instrument :
BNA_F
ClientSampleId :
PB163743BS

Tgt Ion:278 Resp: 420972
Ion Ratio Lower Upper
278 100
139 15.2 10.2 15.2
279 24.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 52.878 ng
RT: 17.392 min Scan# 2601
Delta R.T. -0.024 min
Lab File: BF139574.D
Acq: 30 Sep 2024 12:56

Tgt Ion:276 Resp: 394604
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 20.1 13.0 19.6#

