

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139091.D
 Acq On : 21 Aug 2024 09:49
 Operator : RC/JU
 Sample : PB162850BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162850BS

Quant Time: Aug 21 21:32:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	108933	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	403276	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	234232	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	419101	20.000	ng	0.00
76) Chrysene-d12	14.063	240	276239	20.000	ng	0.00
86) Perylene-d12	15.539	264	219301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	844010	119.204	ng	0.02
7) Phenol-d6	6.528	99	1091281	119.282	ng	0.00
23) Nitrobenzene-d5	7.463	82	690482	99.769	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	300902	141.903	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1236239	83.739	ng	0.00
79) Terphenyl-d14	13.010	244	1542179	92.635	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	109060	35.912	ng	100
3) Pyridine	3.534	79	303571	39.337	ng	100
4) n-Nitrosodimethylamine	3.493	42	194971	41.823	ng	100
6) Aniline	6.563	93	400030	48.435	ng	98
8) 2-Chlorophenol	6.681	128	309770	45.486	ng	98
9) Benzaldehyde	6.445	77	192190	35.819	ng	98
10) Phenol	6.540	94	424022	44.544	ng	96
11) bis(2-Chloroethyl)ether	6.634	93	311708	40.718	ng	99
12) 1,3-Dichlorobenzene	6.839	146	338054	41.287	ng	99
13) 1,4-Dichlorobenzene	6.916	146	345806	42.240	ng	99
14) 1,2-Dichlorobenzene	7.069	146	328056	43.845	ng	99
15) Benzyl Alcohol	7.039	79	331677	45.870	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	482399	44.734	ng	99
17) 2-Methylphenol	7.145	107	259354	44.516	ng	98
18) Hexachloroethane	7.410	117	120910	42.118	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	258224	42.980	ng	99
20) 3+4-Methylphenols	7.298	107	330709	43.811	ng	96
22) Acetophenone	7.310	105	452772	43.972	ng	97
24) Nitrobenzene	7.481	77	369752	48.065	ng	100
25) Isophorone	7.722	82	678235	46.107	ng	99
26) 2-Nitrophenol	7.798	139	131600	48.935	ng	97
27) 2,4-Dimethylphenol	7.828	122	248167	53.202	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	377910	43.968	ng	99
29) 2,4-Dichlorophenol	8.034	162	261221	44.951	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	282377	41.498	ng	100
31) Naphthalene	8.204	128	902082	44.142	ng	100
32) Benzoic acid	7.951	122	167526	43.974	ng	98
33) 4-Chloroaniline	8.245	127	199743	28.539	ng	99
34) Hexachlorobutadiene	8.322	225	191531	43.088	ng	99
35) Caprolactam	8.616	113	45150	24.506	ng	96
36) 4-Chloro-3-methylphenol	8.728	107	292367	45.438	ng	99
37) 2-Methylnaphthalene	8.892	142	581517	44.363	ng	99
38) 1-Methylnaphthalene	8.992	142	538908	42.598	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	287580	44.938	ng	98
41) Hexachlorocyclopentadiene	9.045	237	395659	160.535	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	198643	45.902	ng	99

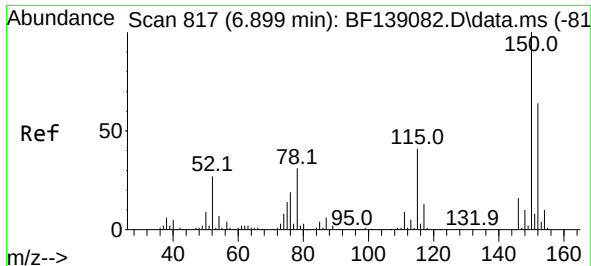
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 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	199021	44.804	ng	97
46) 1,1'-Biphenyl	9.357	154	714199	44.511	ng	99
47) 2-Chloronaphthalene	9.380	162	556041	42.650	ng	100
48) 2-Nitroaniline	9.475	65	182682	48.785	ng	100
49) Acenaphthylene	9.798	152	888722	47.586	ng	100
50) Dimethylphthalate	9.663	163	665662	46.033	ng	100
51) 2,6-Dinitrotoluene	9.722	165	139115	47.966	ng	95
52) Acenaphthene	9.969	154	610821	49.512	ng	99
53) 3-Nitroaniline	9.886	138	104496	36.683	ng #	98
54) 2,4-Dinitrophenol	9.992	184	117283	87.500	ng #	53
55) Dibenzofuran	10.145	168	818990	45.705	ng	100
56) 4-Nitrophenol	10.045	139	231894	106.091	ng	98
57) 2,4-Dinitrotoluene	10.122	165	182760	49.999	ng	100
58) Fluorene	10.486	166	640696	44.741	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	179540	50.340	ng	99
60) Diethylphthalate	10.363	149	660722	46.114	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	314350	43.952	ng	98
62) 4-Nitroaniline	10.504	138	141222	47.613	ng	99
63) Azobenzene	10.639	77	735288	46.179	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	81363	52.301	ng	96
66) n-Nitrosodiphenylamine	10.598	169	559826	45.144	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	199890	45.011	ng	98
68) Hexachlorobenzene	11.027	284	213221	44.753	ng	98
69) Atrazine	11.122	200	199579	52.697	ng	99
70) Pentachlorophenol	11.222	266	283984	93.312	ng	99
71) Phenanthrene	11.451	178	965444	45.322	ng	100
72) Anthracene	11.498	178	990528	47.547	ng	100
73) Carbazole	11.651	167	871678	44.809	ng	99
74) Di-n-butylphthalate	11.986	149	1020162	45.227	ng	100
75) Fluoranthene	12.633	202	1031294	45.359	ng	100
77) Benzidine	12.757	184	449639	78.800	ng	100
78) Pyrene	12.863	202	1049602	45.531	ng	100
80) Butylbenzylphthalate	13.486	149	397413	49.830	ng	97
81) Benzo(a)anthracene	14.051	228	829719	45.692	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	177392	34.949	ng	99
83) Chrysene	14.092	228	791936	48.115	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	525998	49.749	ng	99
85) Di-n-octyl phthalate	14.663	149	763739	51.467	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	671523	52.321	ng	100
88) Benzo(b)fluoranthene	15.104	252	641232	44.851	ng	99
89) Benzo(k)fluoranthene	15.139	252	575726	48.349	ng	99
90) Benzo(a)pyrene	15.474	252	561020	49.661	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	550572	52.257	ng	100
92) Benzo(g,h,i)perylene	17.474	276	505039	42.309	ng	99

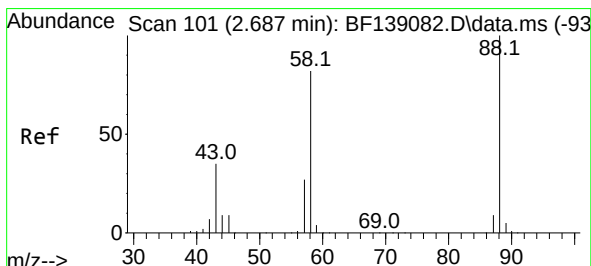
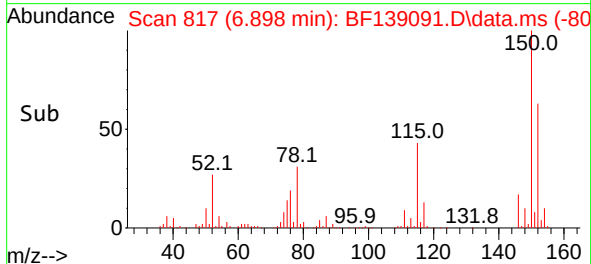
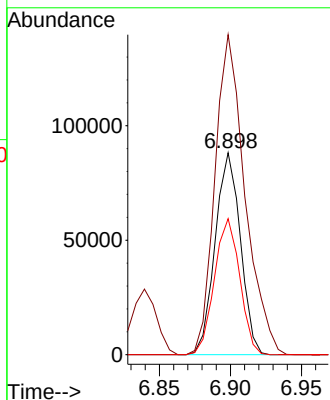
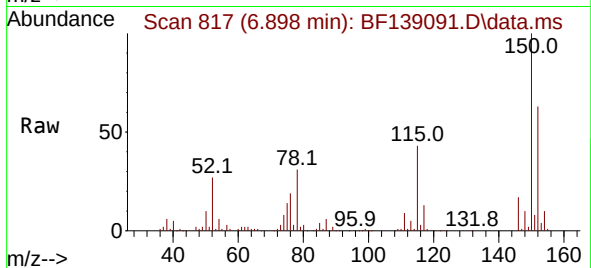
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF139091.D
 Acq: 21 Aug 2024 09:49

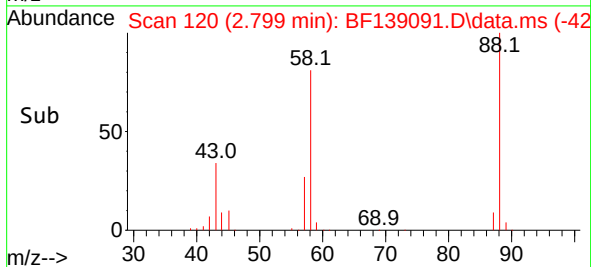
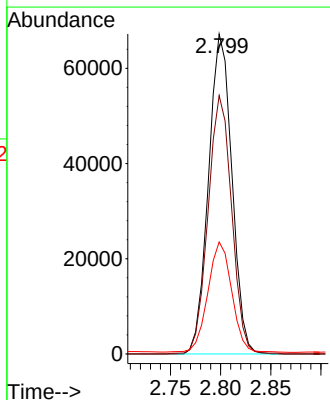
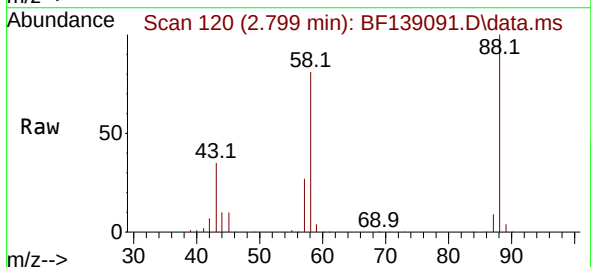
Instrument :
 BNA_F
 ClientSampleId :
 PB162850BS

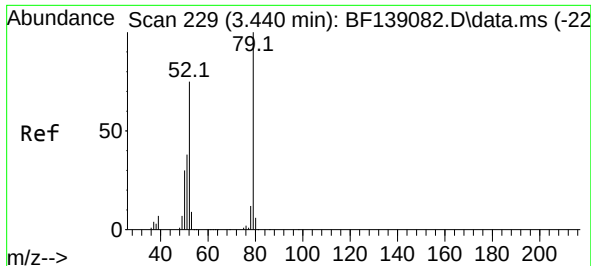
Tgt Ion:152 Resp: 108933
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.1 187.7
 115 67.4 51.8 77.6



#2
 1,4-Dioxane
 Concen: 35.912 ng
 RT: 2.799 min Scan# 120
 Delta R.T. 0.112 min
 Lab File: BF139091.D
 Acq: 21 Aug 2024 09:49

Tgt Ion: 88 Resp: 109060
 Ion Ratio Lower Upper
 88 100
 58 81.6 65.4 98.0
 43 35.2 27.9 41.9





#3

Pyridine

Concen: 39.337 ng

RT: 3.534 min Scan# 245

Delta R.T. 0.094 min

Lab File: BF139091.D

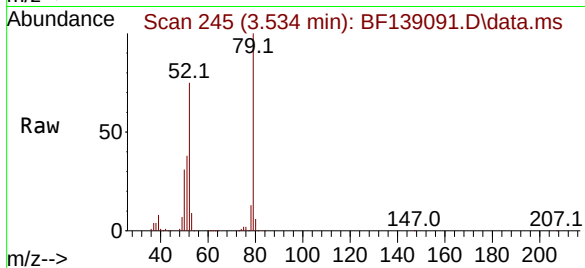
Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS



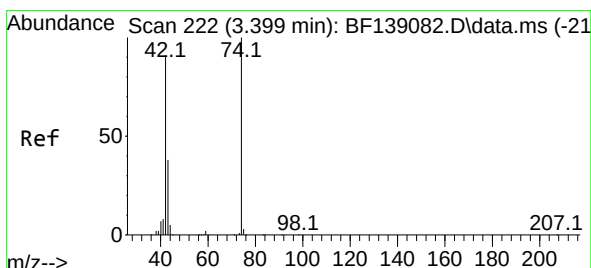
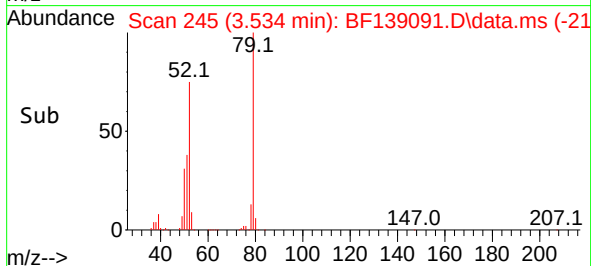
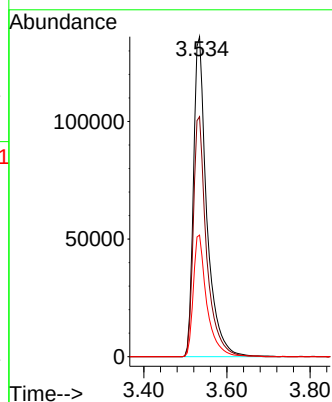
Tgt Ion: 79 Resp: 303571

Ion	Ratio	Lower	Upper
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79	100		
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52	75.0	59.7	89.5
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51	38.0	30.6	45.8
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#4

n-Nitrosodimethylamine

Concen: 41.823 ng

RT: 3.493 min Scan# 238

Delta R.T. 0.094 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

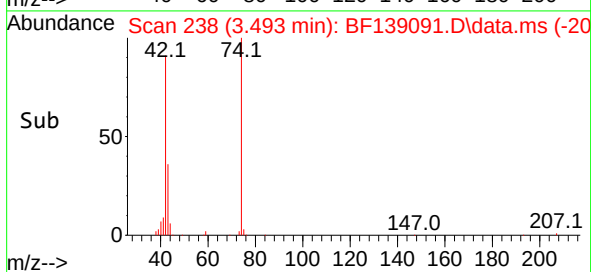
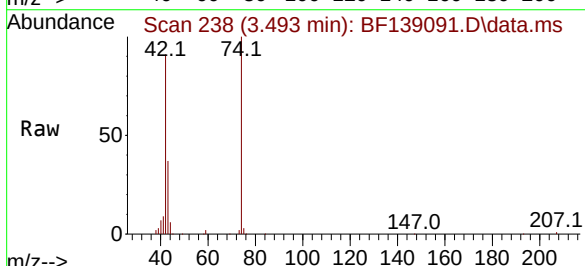
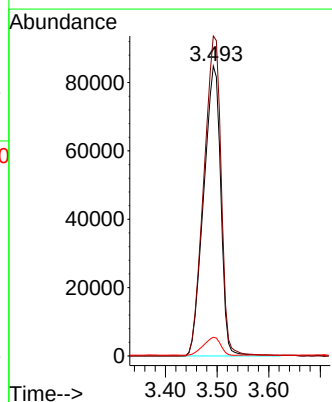
Tgt Ion: 42 Resp: 194971

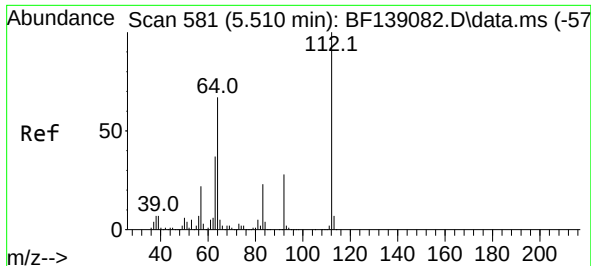
Ion	Ratio	Lower	Upper
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42	100		
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74	110.4	88.2	132.2
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44	6.5	5.4	8.0
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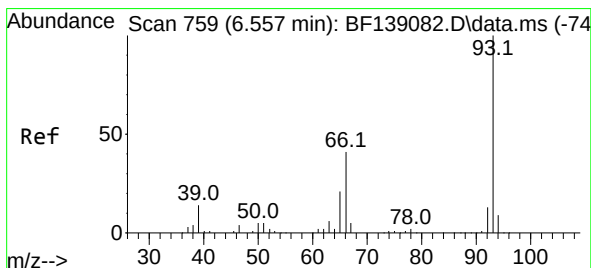
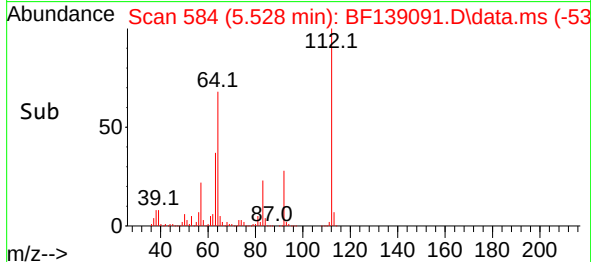
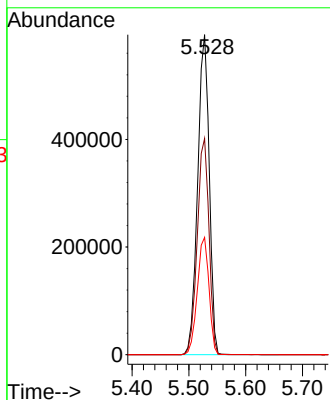
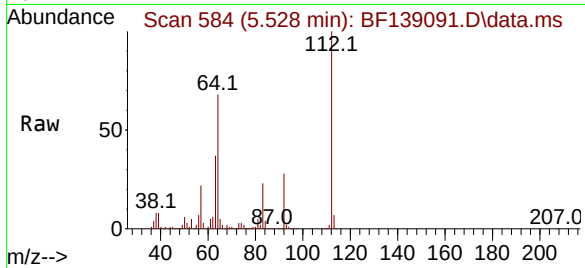




#5
2-Fluorophenol
Concen: 119.204 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

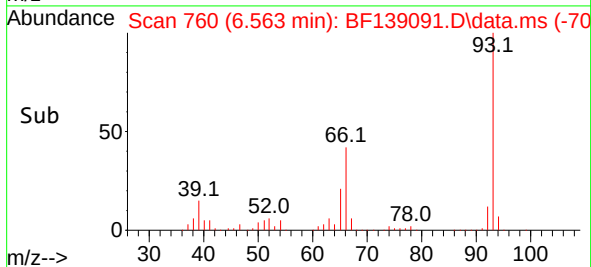
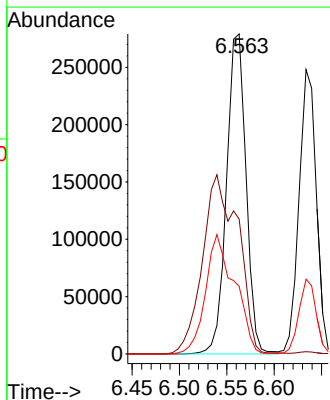
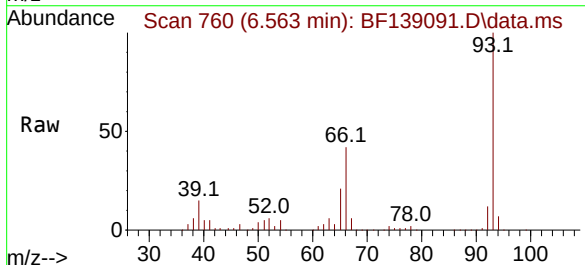
Instrument :
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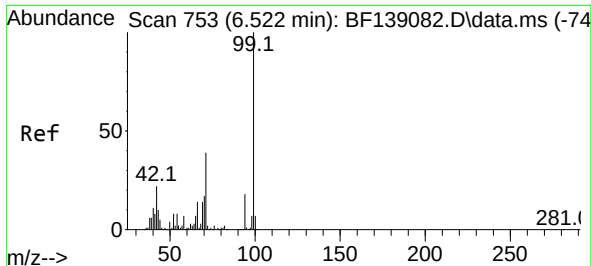
Tgt Ion:112 Resp: 844010
Ion Ratio Lower Upper
112 100
64 67.6 53.8 80.6
63 36.7 29.4 44.2



#6
Aniline
Concen: 48.435 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion: 93 Resp: 400030
Ion Ratio Lower Upper
93 100
66 42.1 35.1 52.7
65 21.1 17.4 26.2

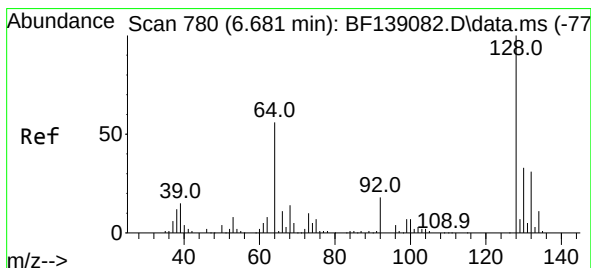
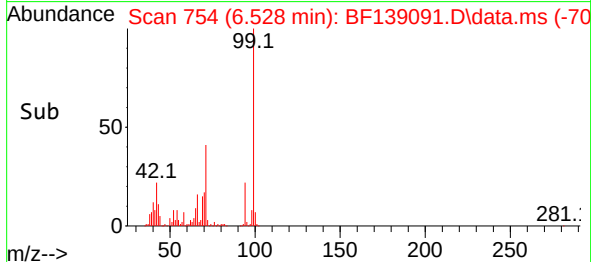
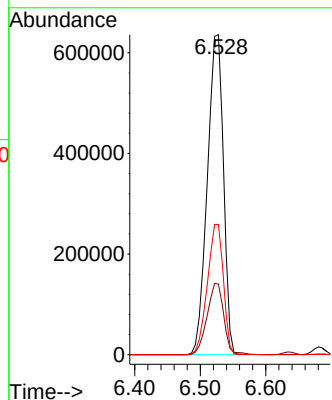
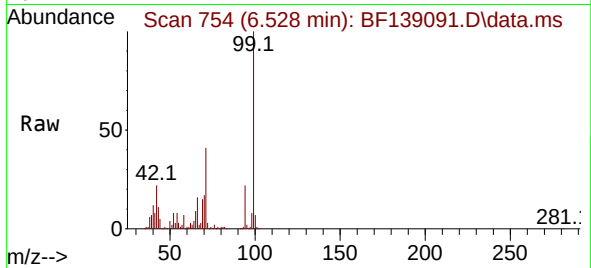




#7
Phenol-d6
Concen: 119.282 ng
RT: 6.528 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

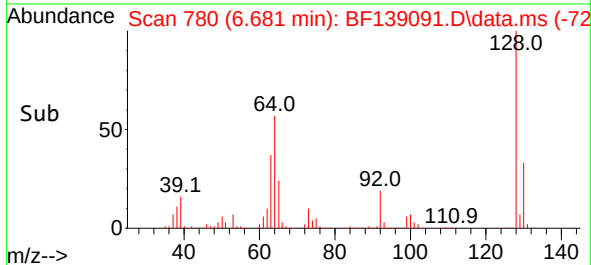
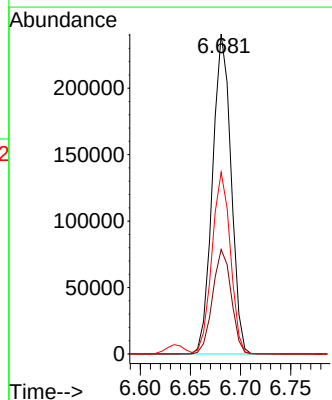
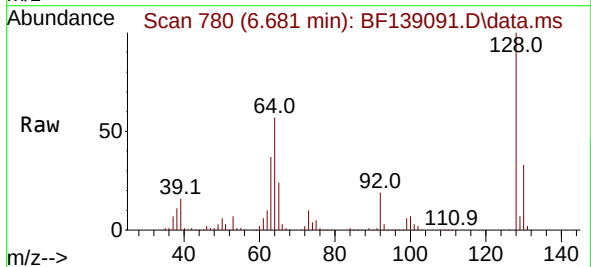
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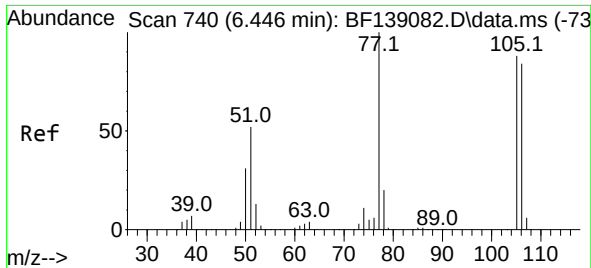
Tgt Ion: 99 Resp: 1091281
Ion Ratio Lower Upper
99 100
42 22.1 17.4 26.2
71 40.7 31.2 46.8



#8
2-Chlorophenol
Concen: 45.486 ng
RT: 6.681 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:128 Resp: 309770
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 56.8 39.1 79.1





#9

Benzaldehyde

Concen: 35.819 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.001 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

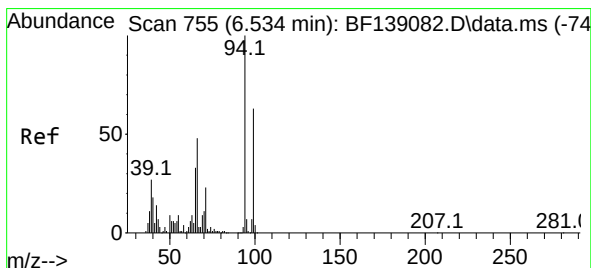
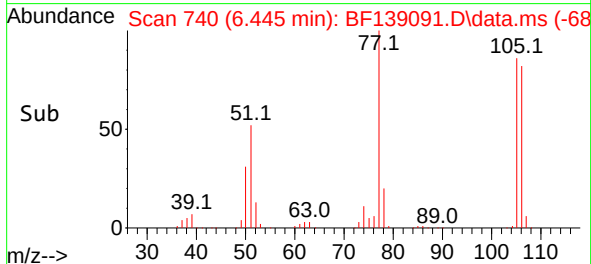
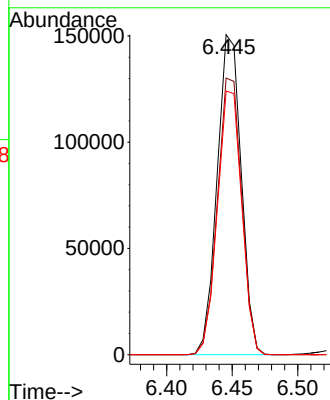
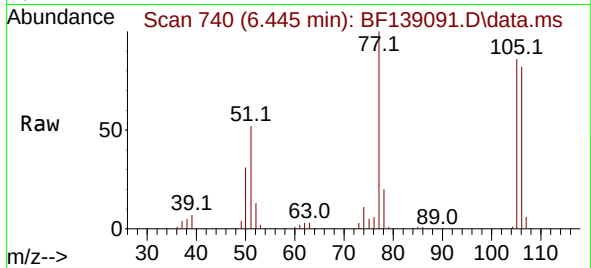
Tgt Ion: 77 Resp: 192190

Ion Ratio Lower Upper

77 100

105 86.5 68.2 108.2

106 82.4 63.8 103.8



#10

Phenol

Concen: 44.544 ng

RT: 6.540 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

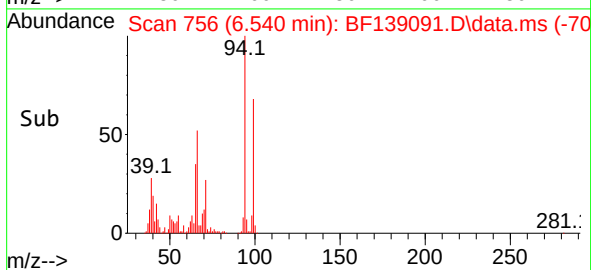
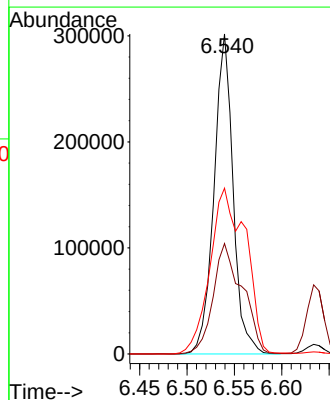
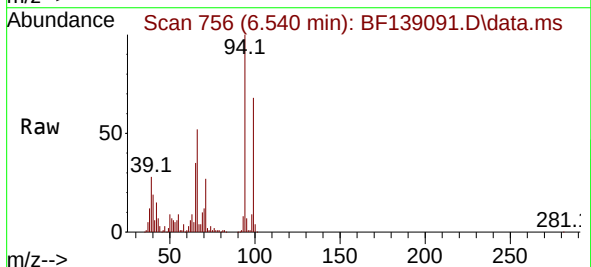
Tgt Ion: 94 Resp: 424022

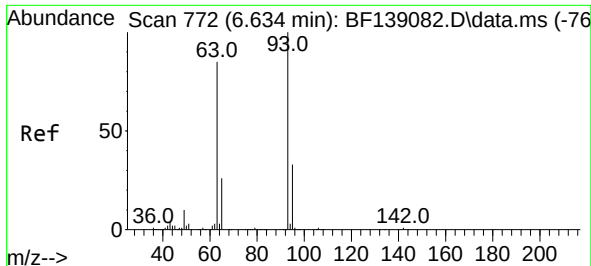
Ion Ratio Lower Upper

94 100

65 34.5 13.5 53.5

66 51.8 28.5 68.5

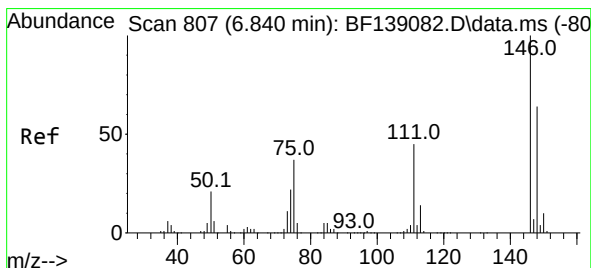
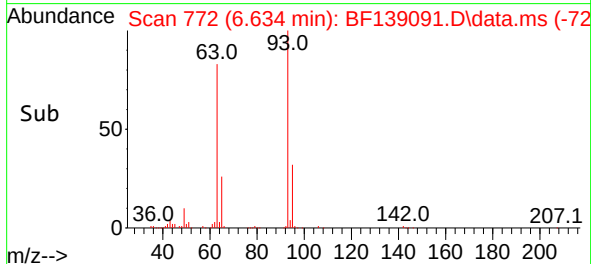
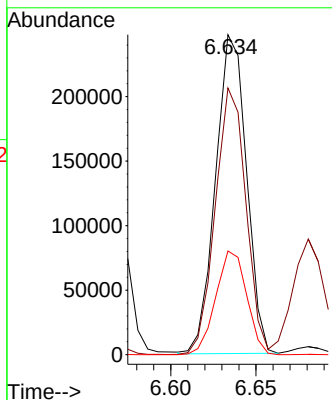
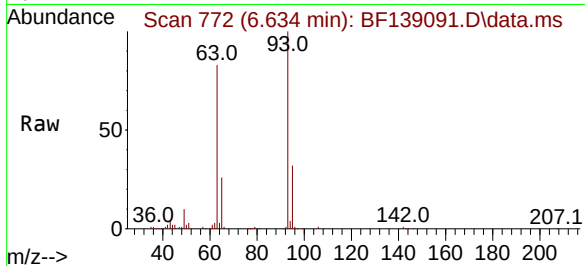




#11
bis(2-Chloroethyl)ether
Concen: 40.718 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

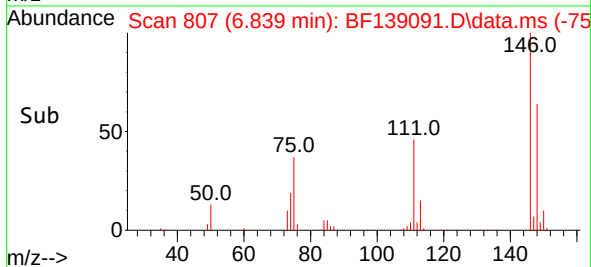
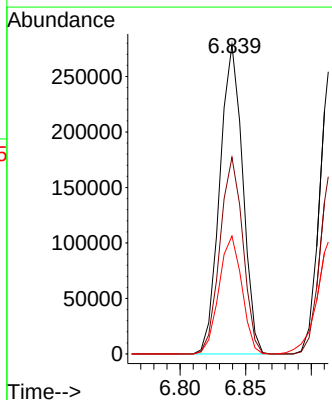
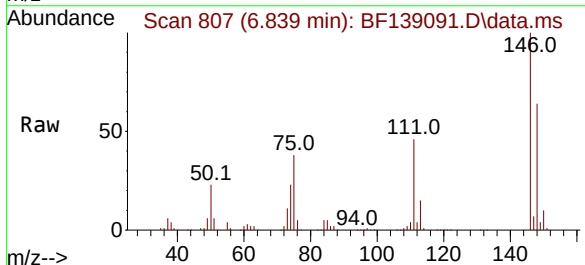
Instrument :
BNA_F
ClientSampleId :
PB162850BS

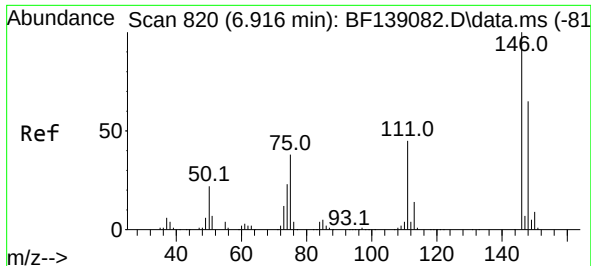
Tgt Ion: 93 Resp: 311708
Ion Ratio Lower Upper
93 100
63 83.4 62.7 102.7
95 32.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 41.287 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion: 146 Resp: 338054
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
75 38.1 29.9 44.9

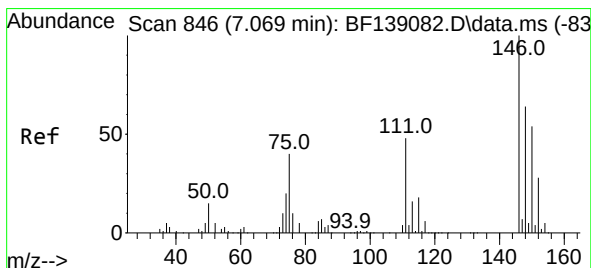
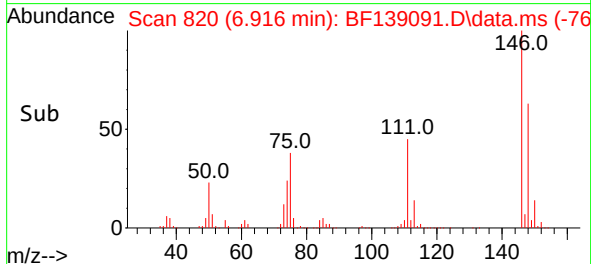
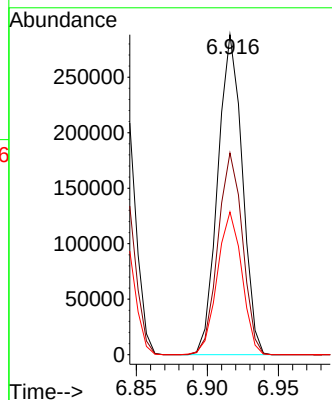
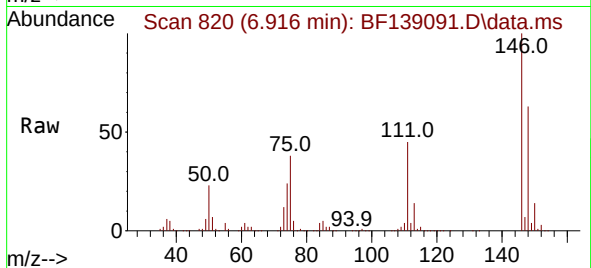




#13
1,4-Dichlorobenzene
Concen: 42.240 ng
RT: 6.916 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

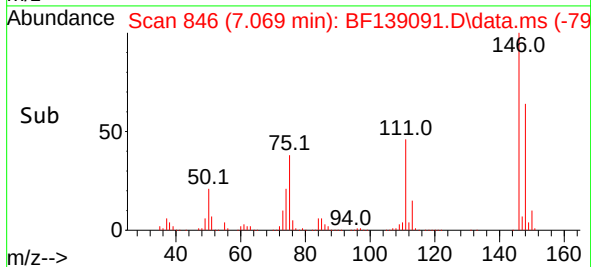
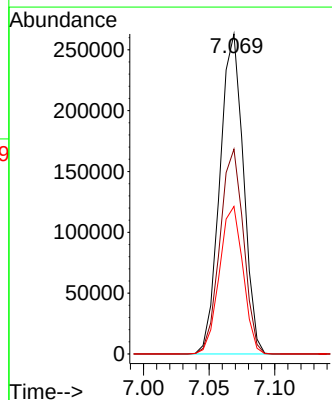
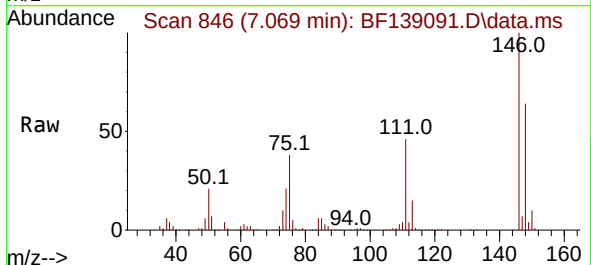
Instrument :
BNA_F
ClientSampleId :
PB162850BS

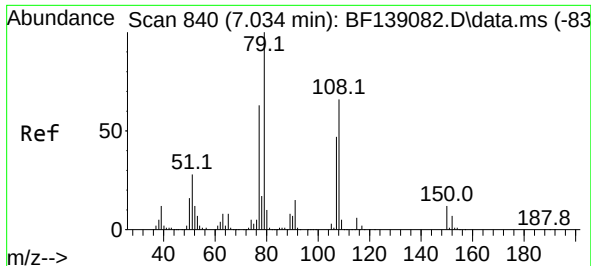
Tgt Ion:146 Resp: 345806
Ion Ratio Lower Upper
146 100
148 63.1 51.9 77.9
111 44.6 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 43.845 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

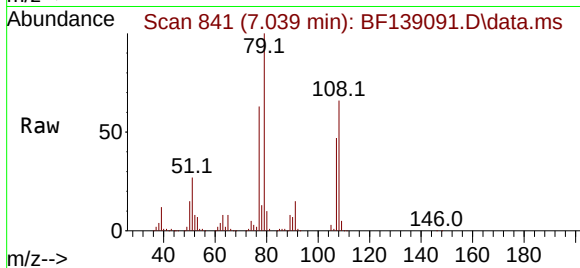
Tgt Ion:146 Resp: 328056
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 46.1 38.1 57.1



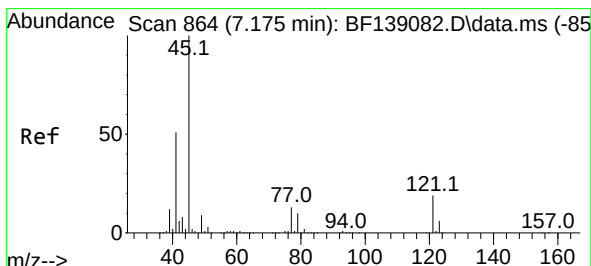
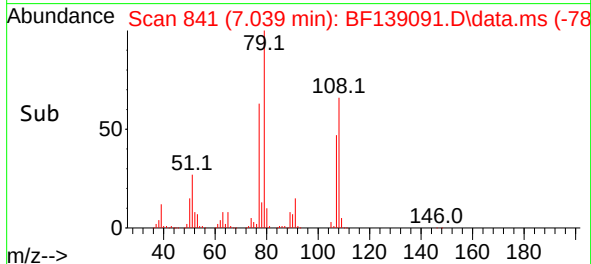
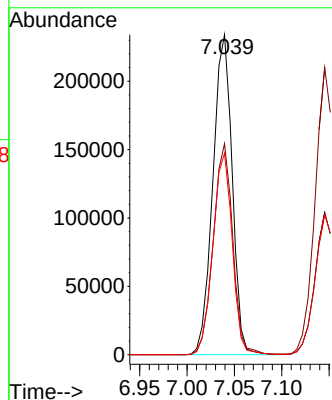


#15
Benzyl Alcohol
Concen: 45.870 ng
RT: 7.039 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Instrument :
BNA_F
ClientSampleId :
PB162850BS

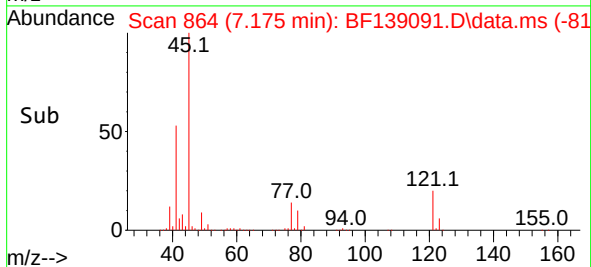
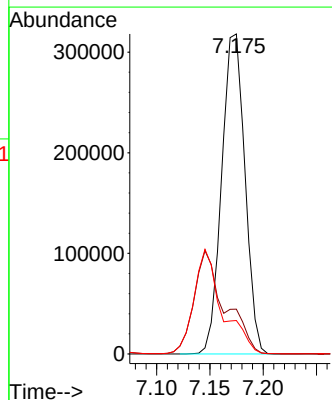
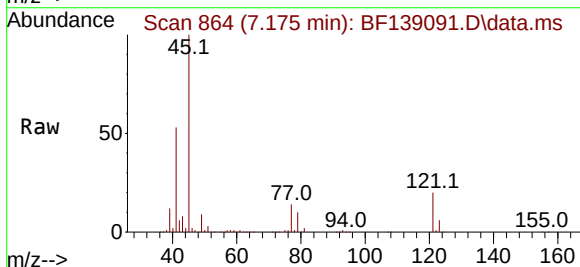


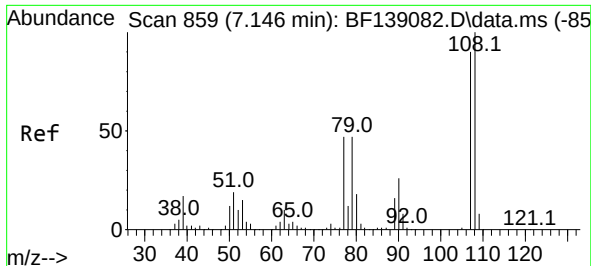
Tgt Ion: 79 Resp: 331677
Ion Ratio Lower Upper
79 100
108 66.0 52.8 79.2
77 63.0 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.734 ng
RT: 7.175 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion: 45 Resp: 482399
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.7
79 10.5 0.0 30.4

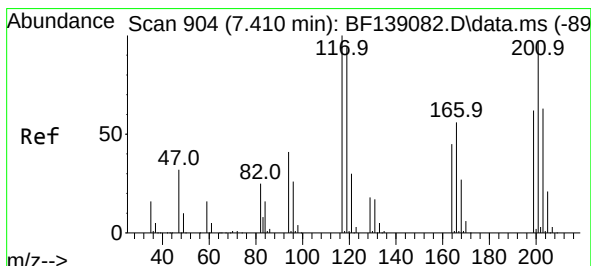
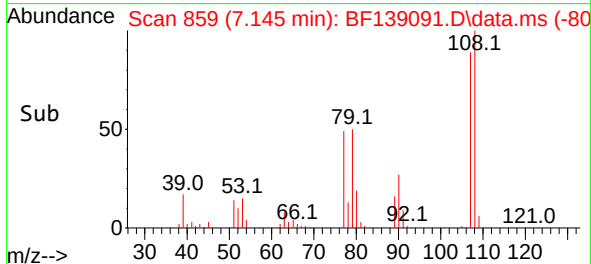
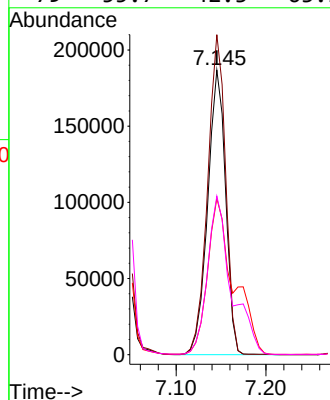
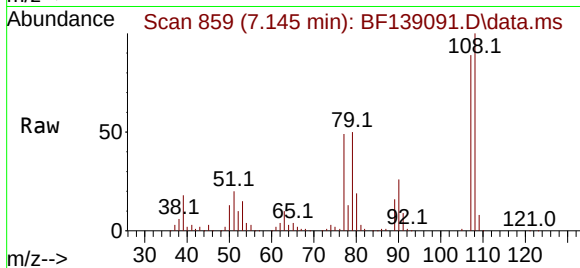




#17
2-Methylphenol
Concen: 44.516 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

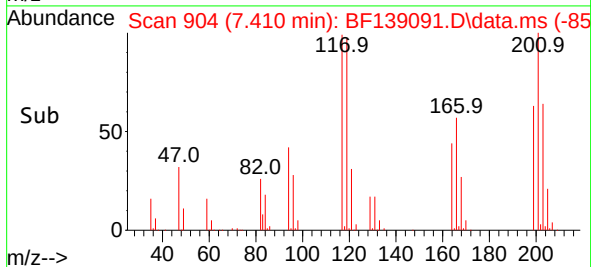
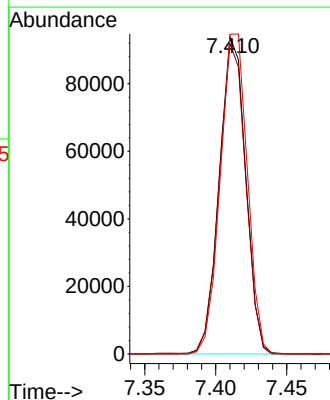
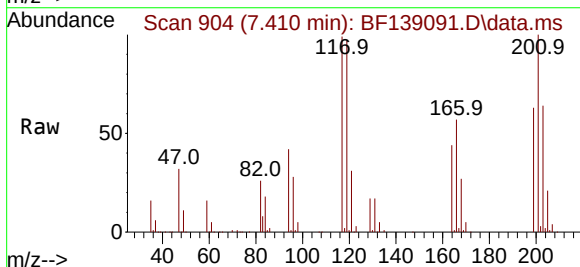
Instrument :
BNA_F
ClientSampleId :
PB162850BS

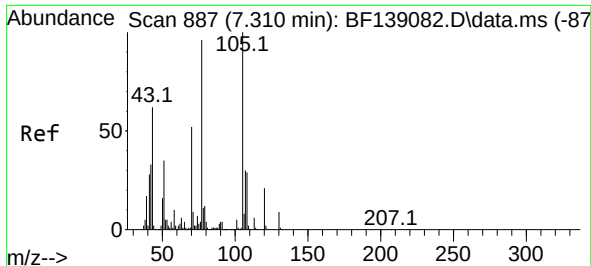
Tgt Ion:107 Resp: 259354
Ion Ratio Lower Upper
107 100
108 112.4 89.1 133.7
77 54.9 42.1 63.1
79 55.7 42.3 63.5



#18
Hexachloroethane
Concen: 42.118 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:117 Resp: 120910
Ion Ratio Lower Upper
117 100
119 97.8 75.5 113.3
201 100.8 77.8 116.8



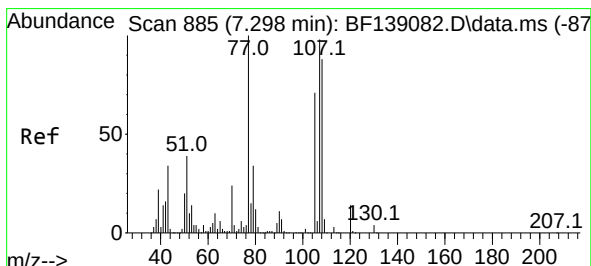
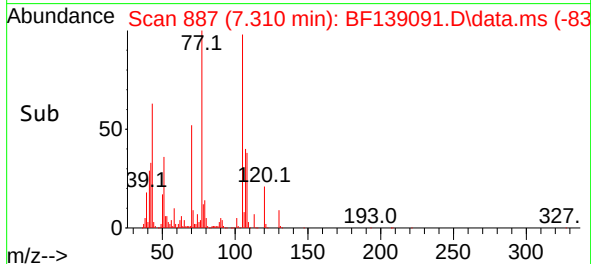
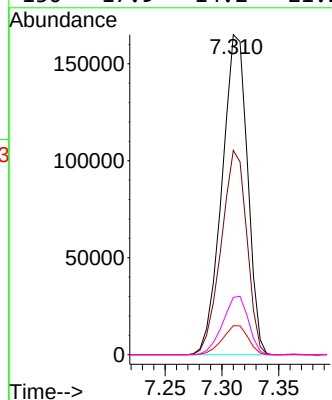
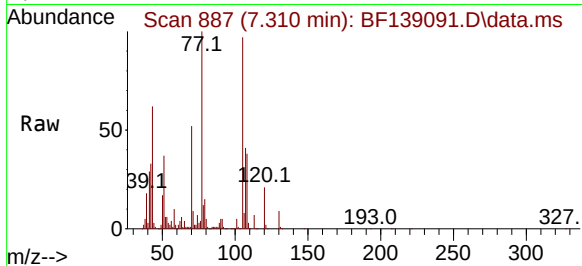


#19
n-Nitroso-di-n-propylamine
Concen: 42.980 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Instrument :
BNA_F
ClientSampleId :
PB162850BS

Tgt Ion: 70 Resp: 258224

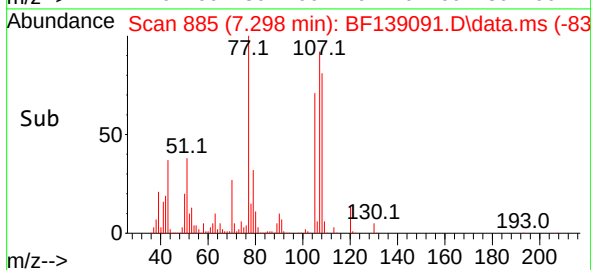
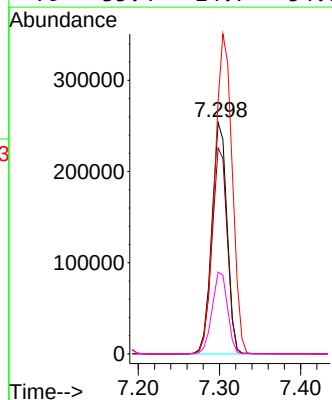
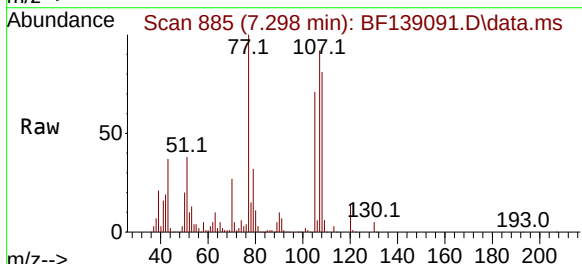
Ion	Ratio	Lower	Upper
70	100		
42	63.8	50.5	75.7
101	9.0	7.2	10.8
130	17.9	14.2	21.2

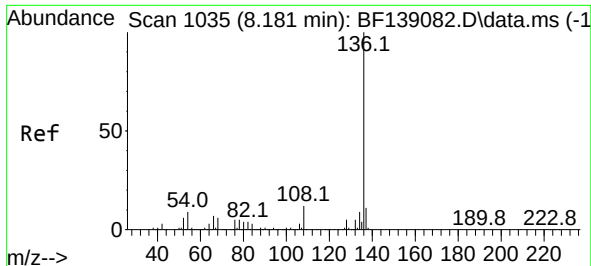


#20
3+4-Methylphenols
Concen: 43.811 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion: 107 Resp: 330709

Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.2	110.2
77	109.3	82.7	122.7
79	35.4	14.7	54.7

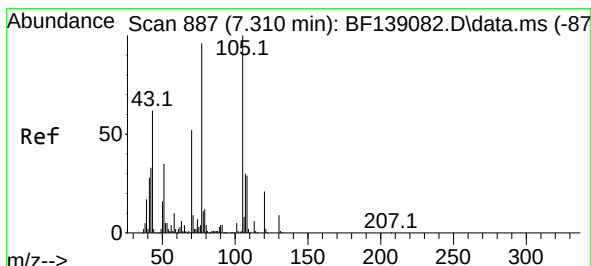
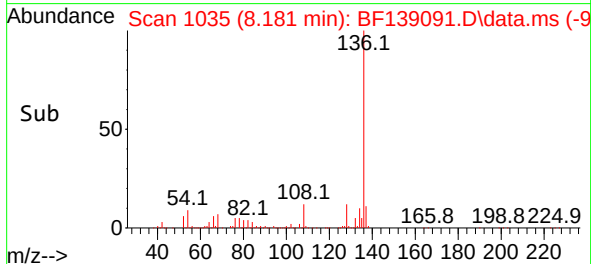
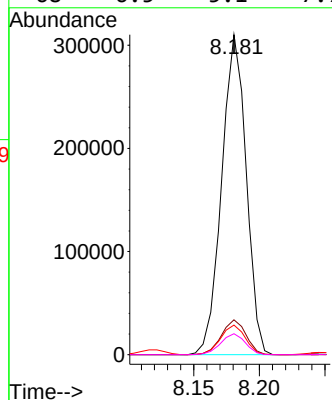
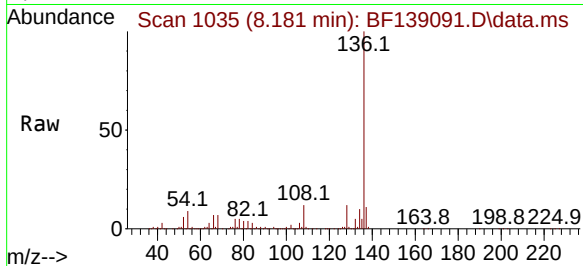




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

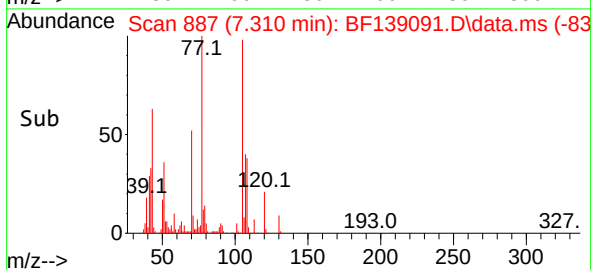
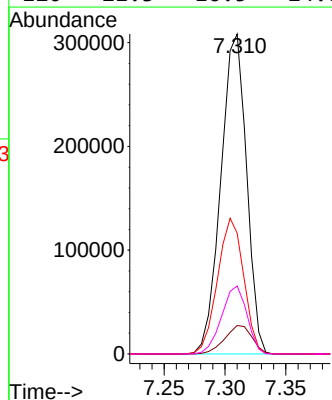
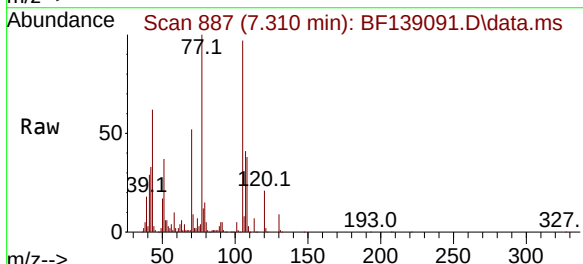
Instrument :
BNA_F
ClientSampleId :
PB162850BS

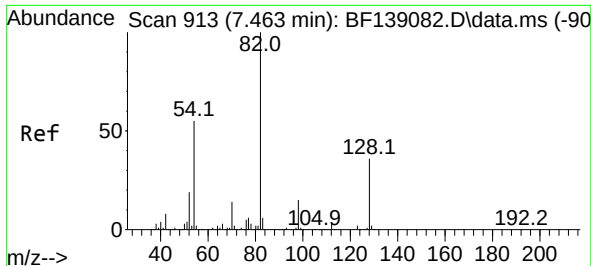
Tgt Ion:136 Resp: 403276
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.3 7.6 11.4
68 6.5 5.1 7.7



#22
Acetophenone
Concen: 43.972 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:105 Resp: 452772
Ion Ratio Lower Upper
105 100
71 8.9 7.0 10.6
51 37.7 28.0 42.0
120 21.3 16.5 24.7





#23

Nitrobenzene-d5

Concen: 99.769 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

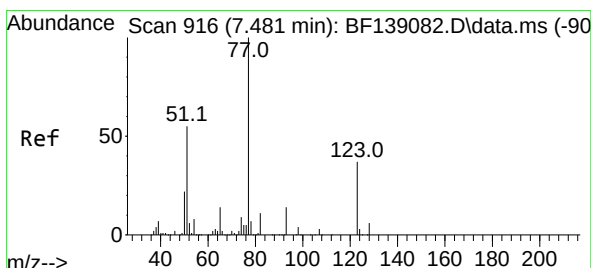
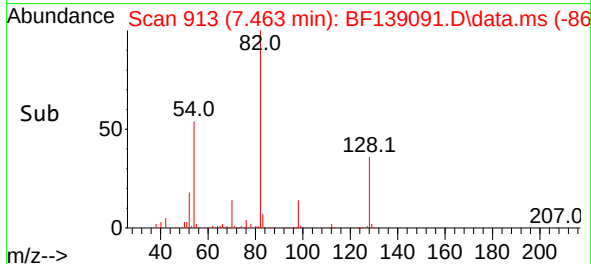
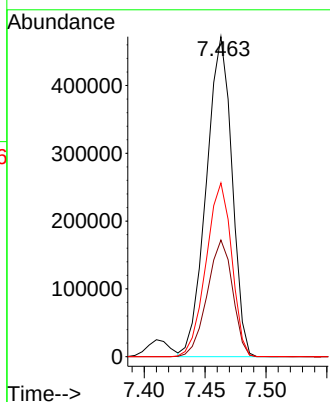
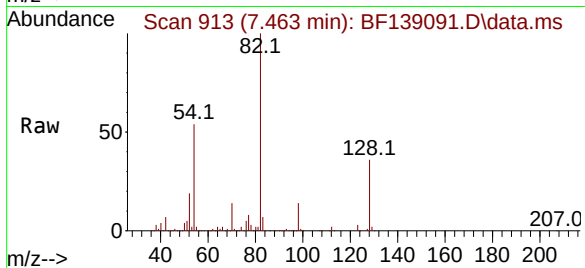
Tgt Ion: 82 Resp: 690482

Ion Ratio Lower Upper

82 100

128 36.4 29.0 43.4

54 54.3 43.4 65.2



#24

Nitrobenzene

Concen: 48.065 ng

RT: 7.481 min Scan# 916

Delta R.T. -0.000 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

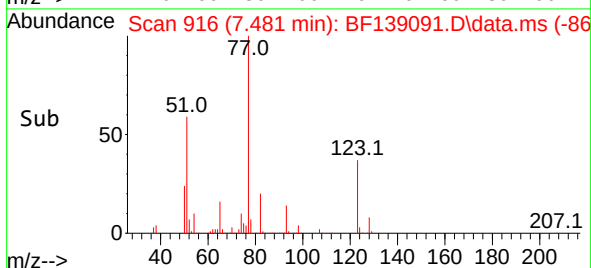
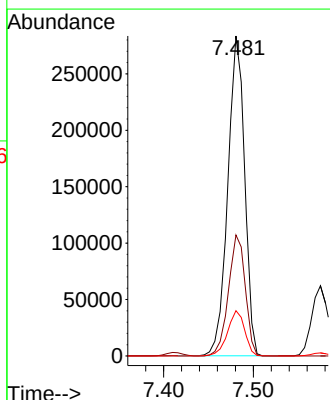
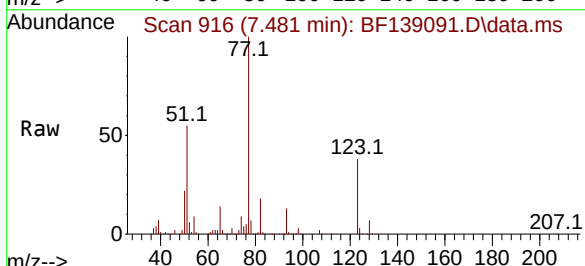
Tgt Ion: 77 Resp: 369752

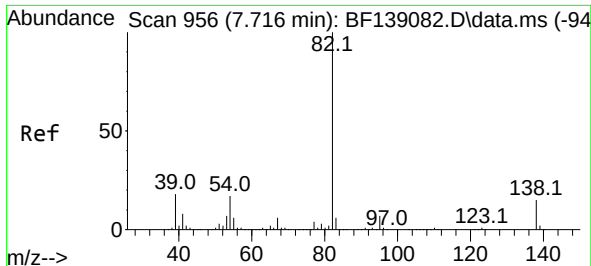
Ion Ratio Lower Upper

77 100

123 37.8 30.3 45.5

65 14.2 11.3 16.9

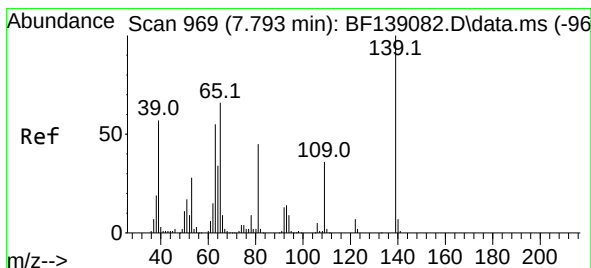
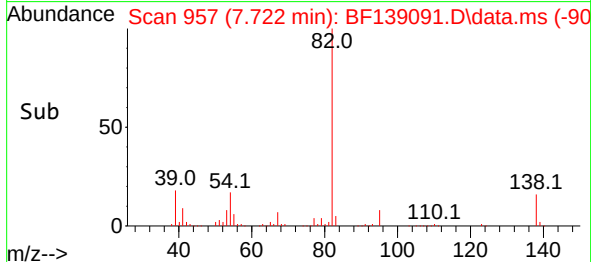
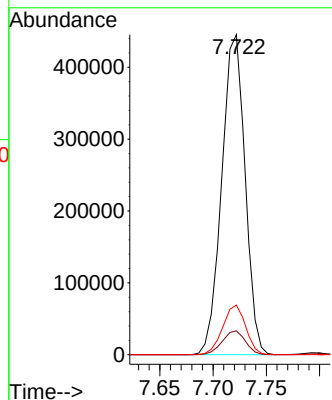
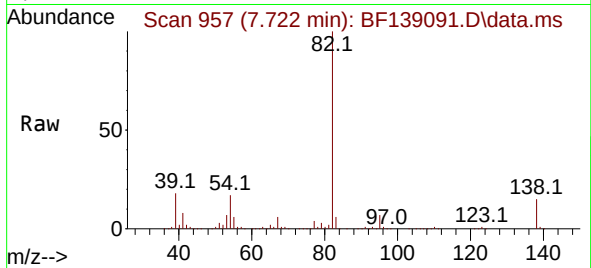




#25
Isophorone
Concen: 46.107 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

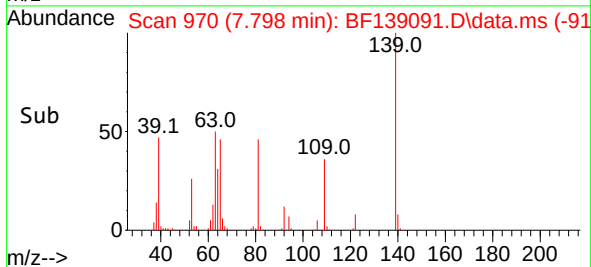
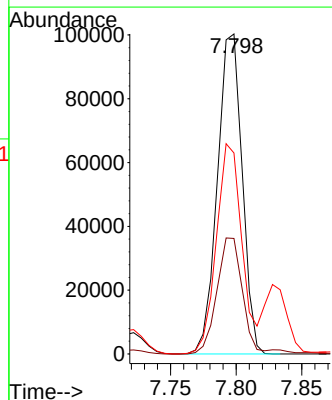
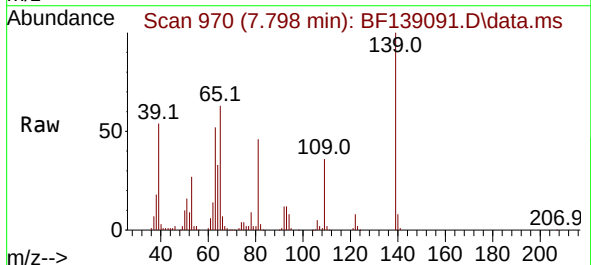
Instrument :
BNA_F
ClientSampleId :
PB162850BS

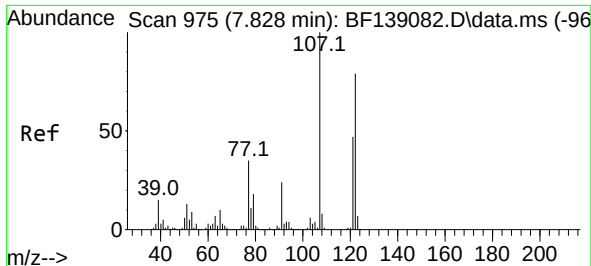
Tgt Ion: 82 Resp: 678235
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 15.5 11.8 17.8



#26
2-Nitrophenol
Concen: 48.935 ng
RT: 7.798 min Scan# 970
Delta R.T. 0.005 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:139 Resp: 131600
Ion Ratio Lower Upper
139 100
109 36.1 29.2 43.8
65 62.8 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 53.202 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

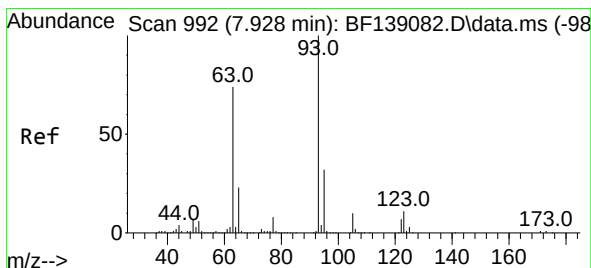
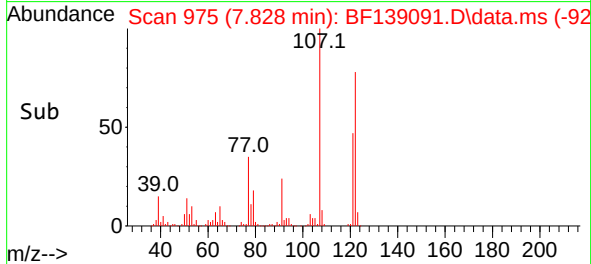
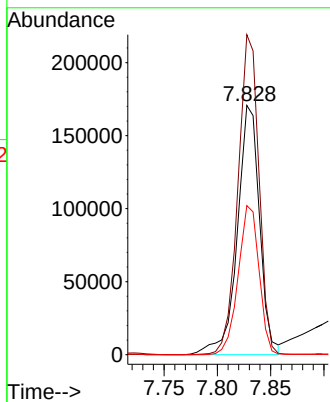
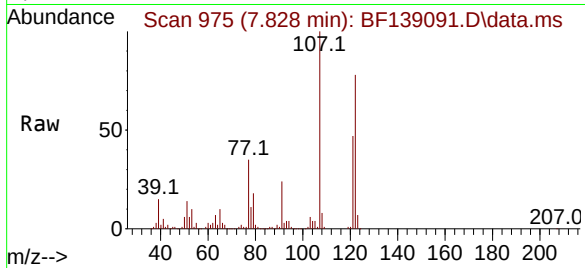
Tgt Ion:122 Resp: 248167

Ion Ratio Lower Upper

122 100

107 128.4 101.1 151.7

121 59.8 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.968 ng

RT: 7.934 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

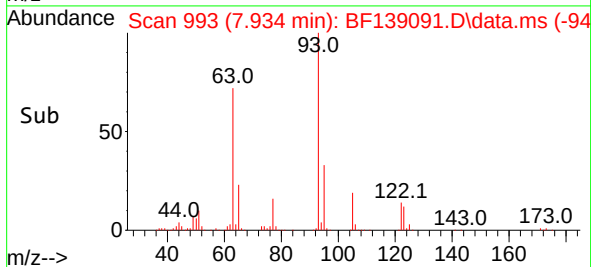
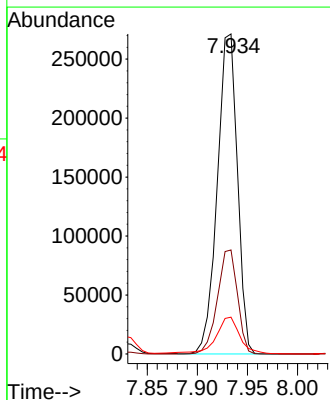
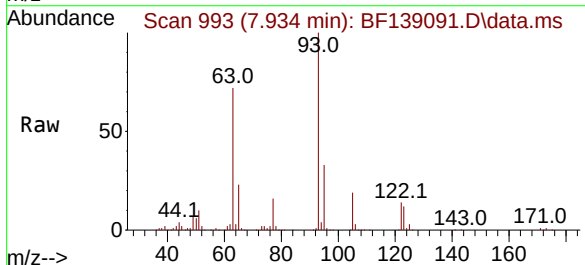
Tgt Ion: 93 Resp: 377910

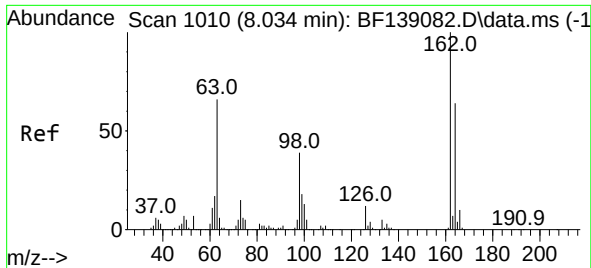
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.8

123 11.5 8.9 13.3

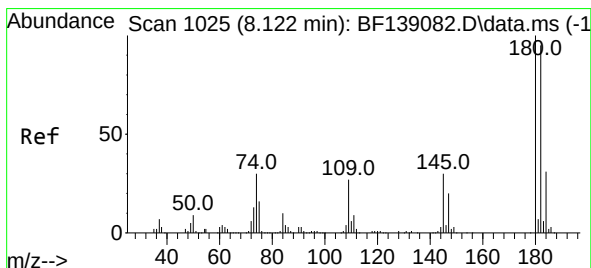
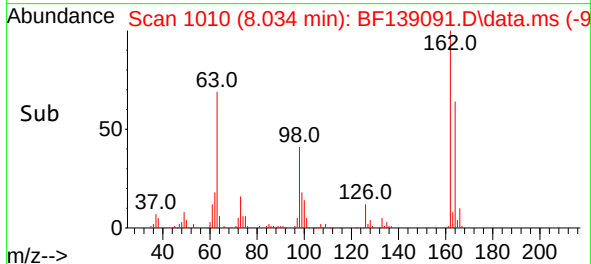
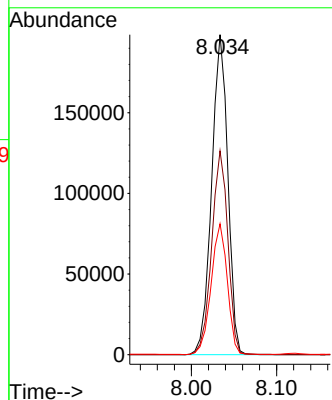
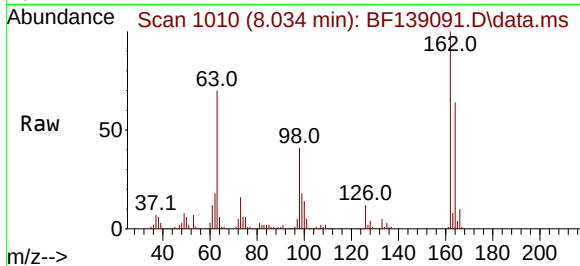




#29
2,4-Dichlorophenol
Concen: 44.951 ng
RT: 8.034 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

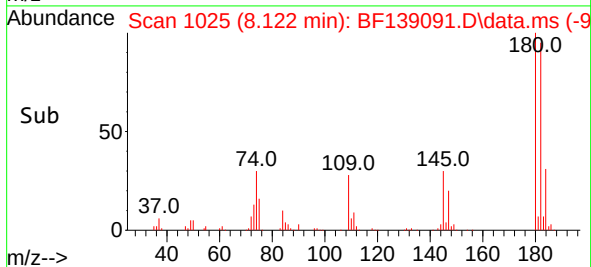
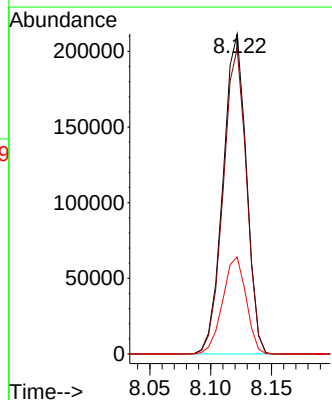
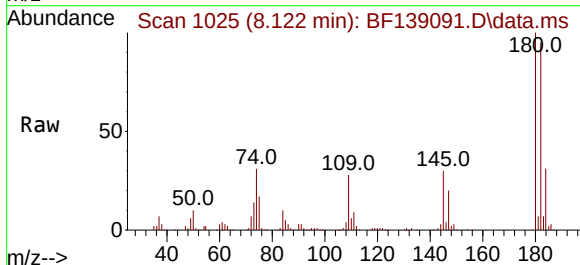
Instrument :
BNA_F
ClientSampleId :
PB162850BS

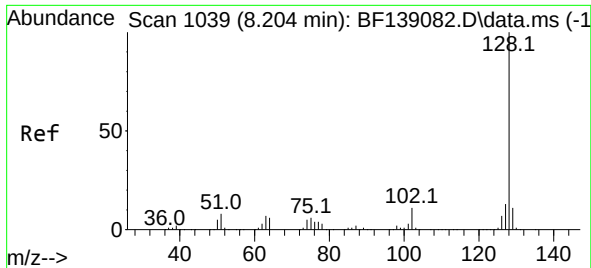
Tgt Ion:162 Resp: 261221
Ion Ratio Lower Upper
162 100
164 63.7 43.9 83.9
98 40.9 19.7 59.7



#30
1,2,4-Trichlorobenzene
Concen: 41.498 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:180 Resp: 282377
Ion Ratio Lower Upper
180 100
182 95.5 76.1 114.1
145 30.3 23.9 35.9

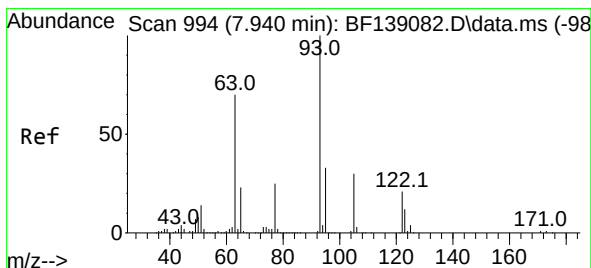
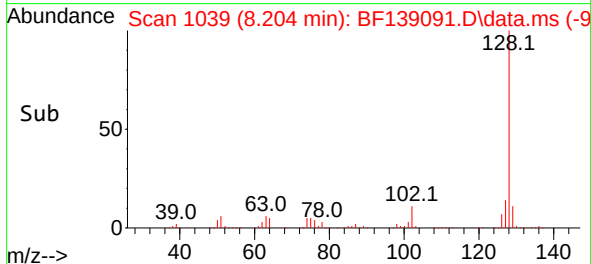
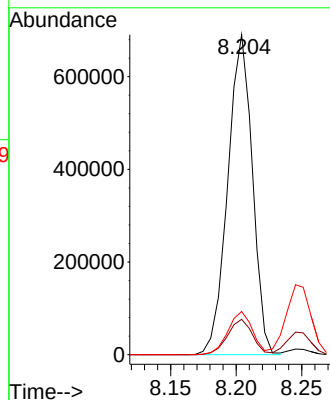
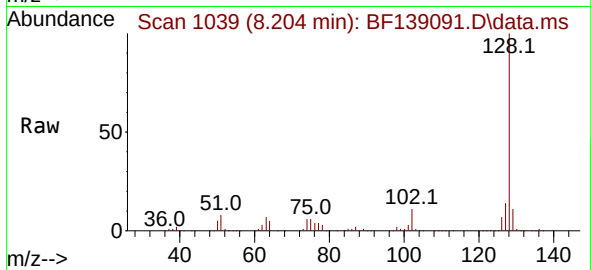




#31
Naphthalene
Concen: 44.142 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

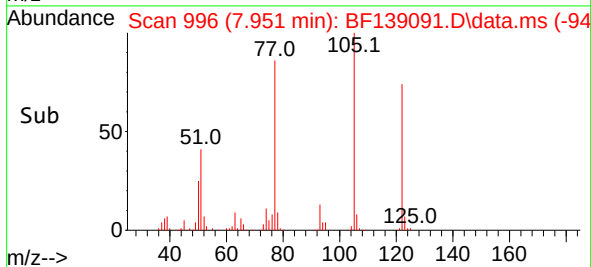
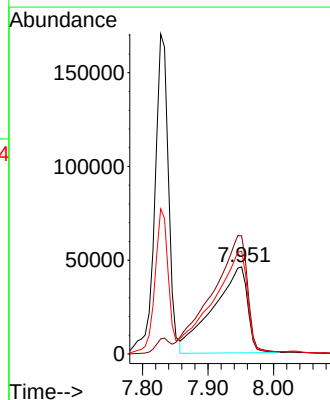
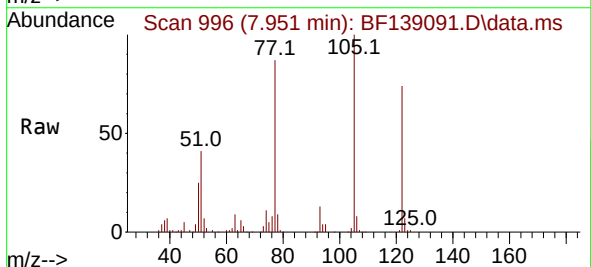
Instrument :
BNA_F
ClientSampleId :
PB162850BS

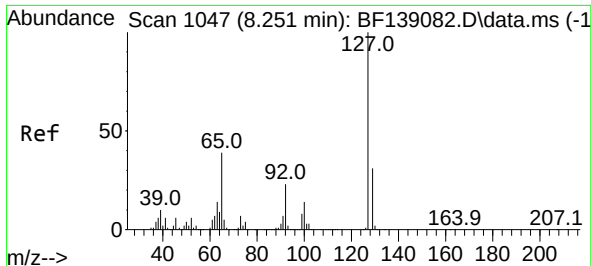
Tgt Ion:128 Resp: 902082
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 43.974 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.011 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:122 Resp: 167526
Ion Ratio Lower Upper
122 100
105 135.5 119.6 159.6
77 117.9 97.6 137.6

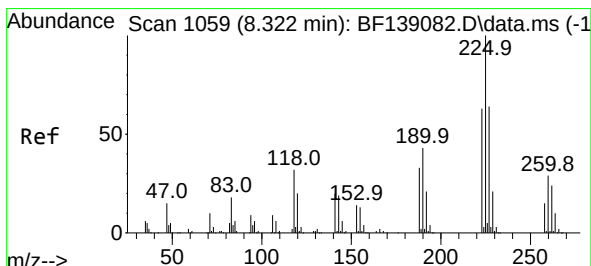
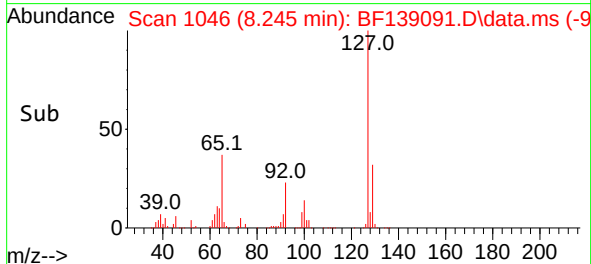
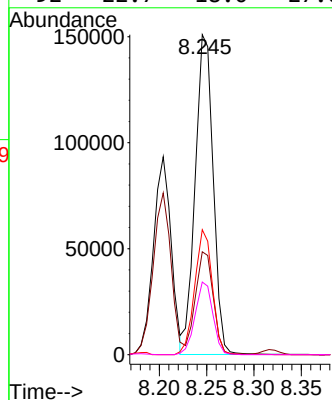
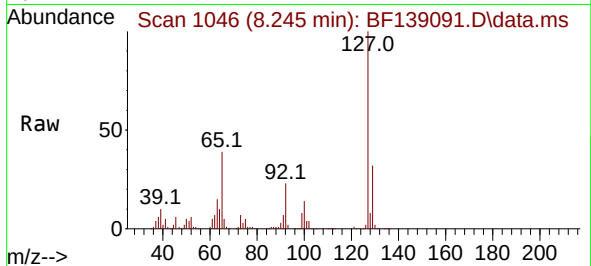




#33
4-Chloroaniline
Concen: 28.539 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

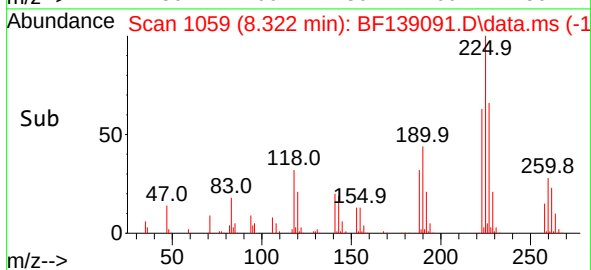
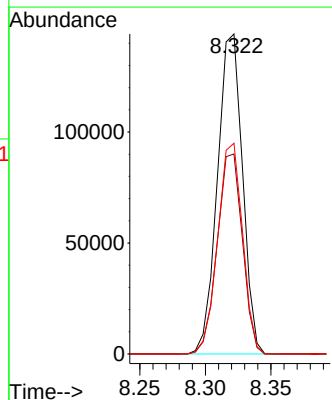
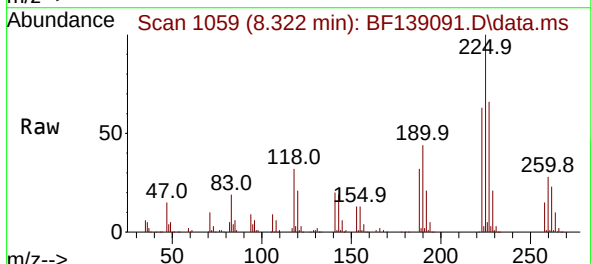
Instrument :
BNA_F
ClientSampleId :
PB162850BS

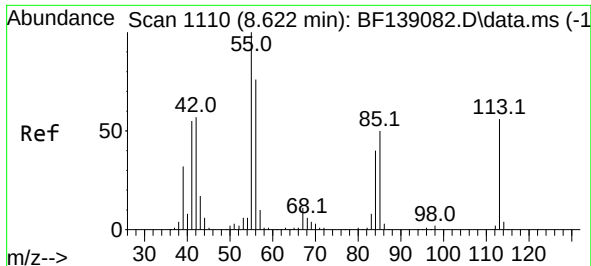
Tgt Ion:	127	Resp:	199743
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	39.0	30.3	45.5
92	22.7	18.0	27.0



#34
Hexachlorobutadiene
Concen: 43.088 ng
RT: 8.322 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:	225	Resp:	191531
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.0	75.0
227	65.8	51.4	77.2

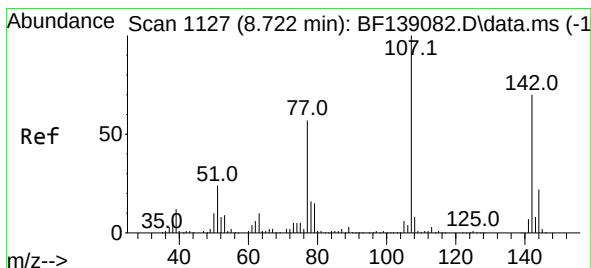
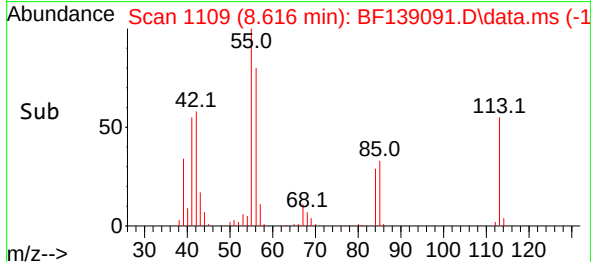
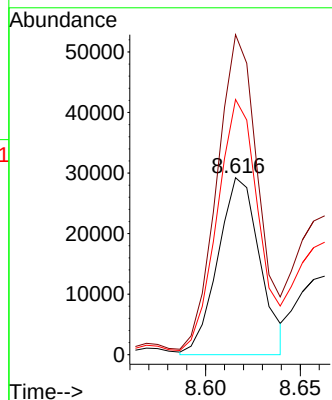
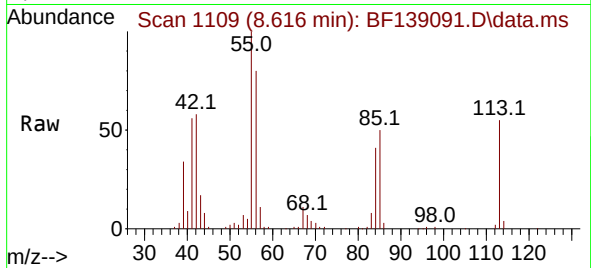




#35
 Caprolactam
 Concen: 24.506 ng
 RT: 8.616 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF139091.D
 Acq: 21 Aug 2024 09:49

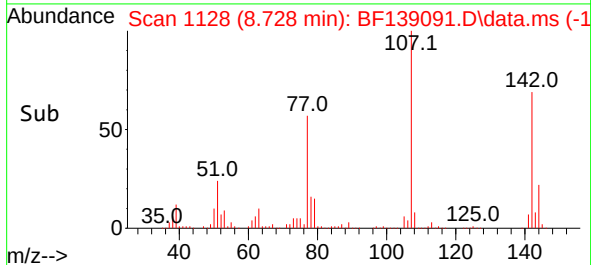
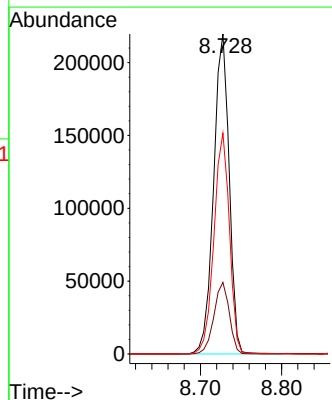
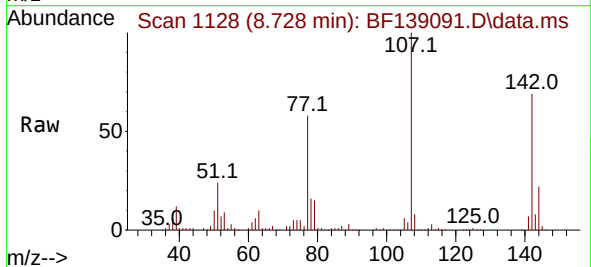
Instrument :
 BNA_F
 ClientSampleId :
 PB162850BS

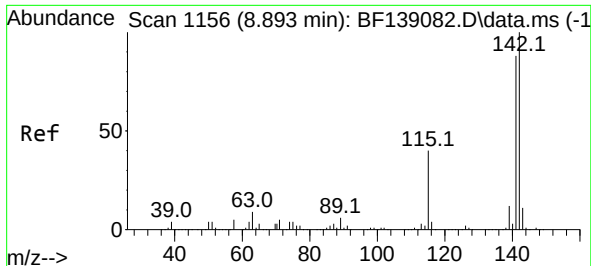
Tgt Ion:113 Resp: 45150
 Ion Ratio Lower Upper
 113 100
 55 180.8 158.6 198.6
 56 144.2 115.9 155.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.438 ng
 RT: 8.728 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: BF139091.D
 Acq: 21 Aug 2024 09:49

Tgt Ion:107 Resp: 292367
 Ion Ratio Lower Upper
 107 100
 144 22.4 17.7 26.5
 142 69.0 55.6 83.4





#37

2-Methylnaphthalene

Concen: 44.363 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

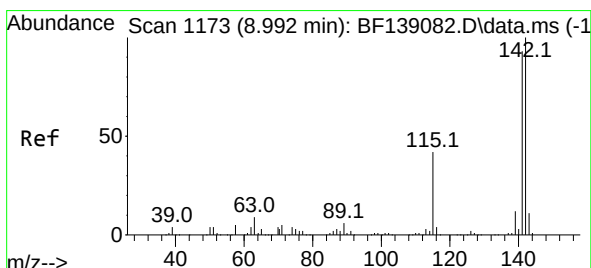
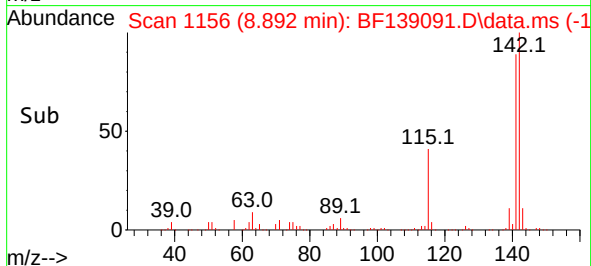
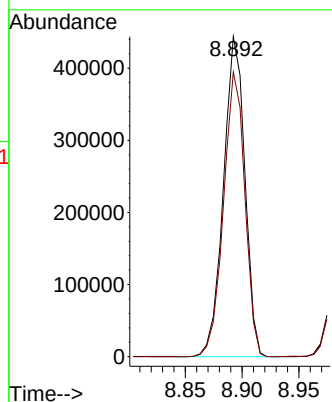
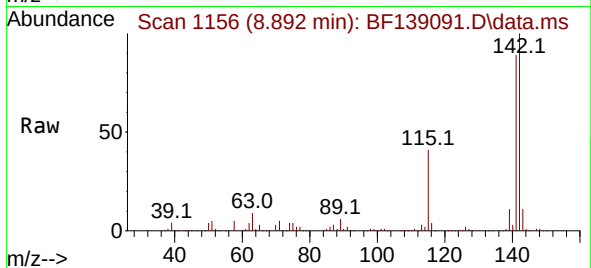
PB162850BS

Tgt Ion:142 Resp: 581517

Ion Ratio Lower Upper

142 100

141 89.0 70.6 105.8



#38

1-Methylnaphthalene

Concen: 42.598 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF139091.D

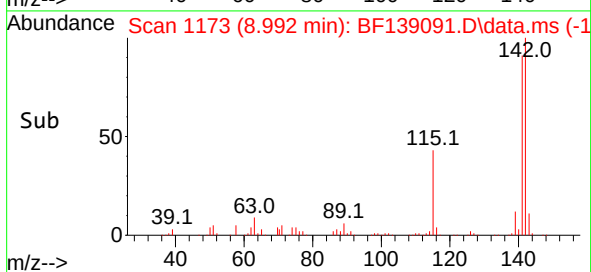
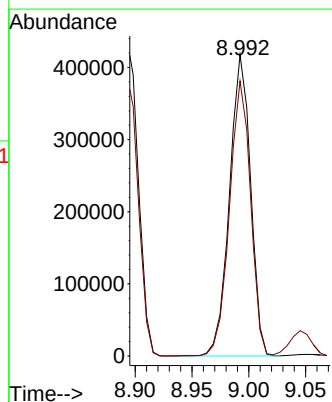
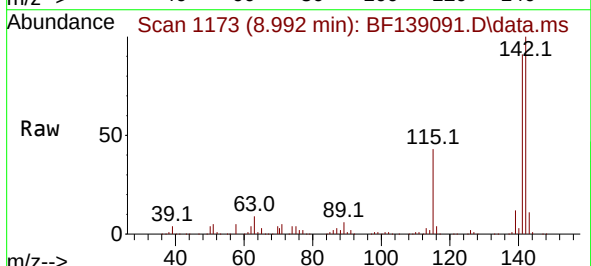
Acq: 21 Aug 2024 09:49

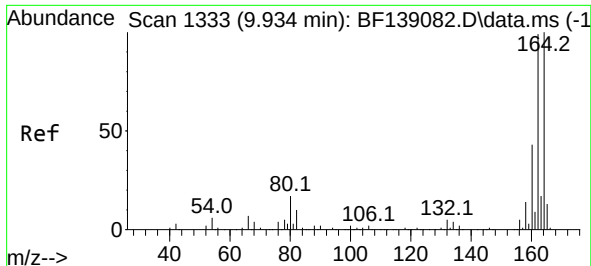
Tgt Ion:142 Resp: 538908

Ion Ratio Lower Upper

142 100

141 91.3 74.1 111.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 11

Delta R.T. 0.005 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

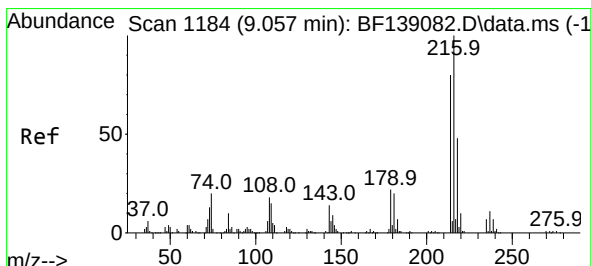
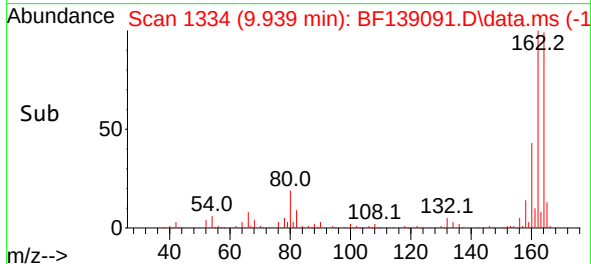
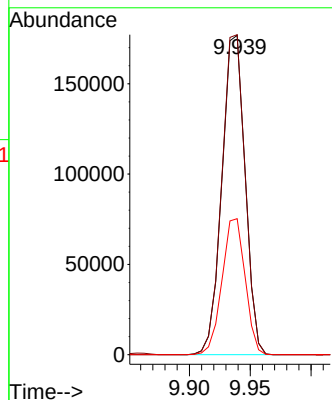
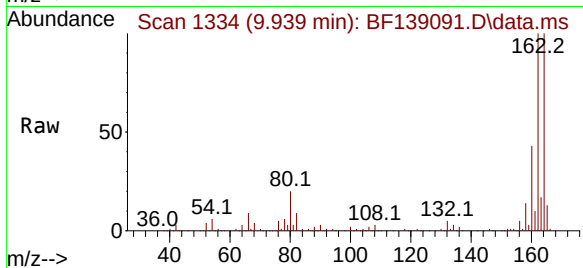
Tgt Ion:164 Resp: 234232

Ion Ratio Lower Upper

164 100

162 100.2 79.5 119.3

160 42.6 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.938 ng

RT: 9.057 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Tgt Ion:216 Resp: 287580

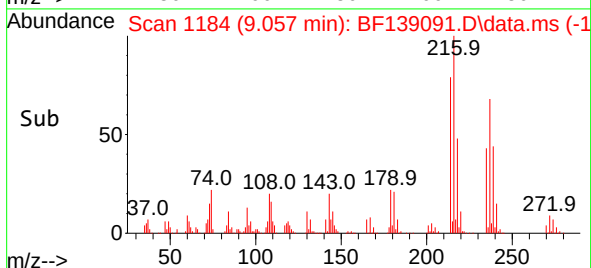
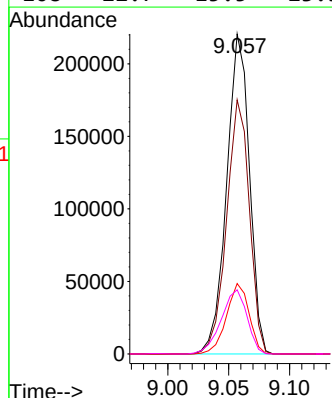
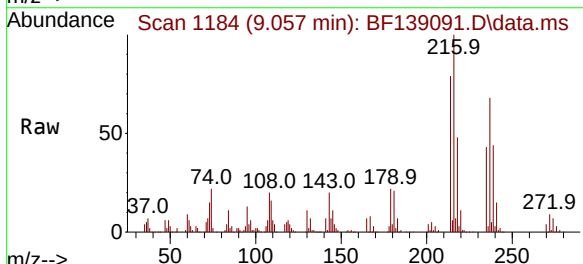
Ion Ratio Lower Upper

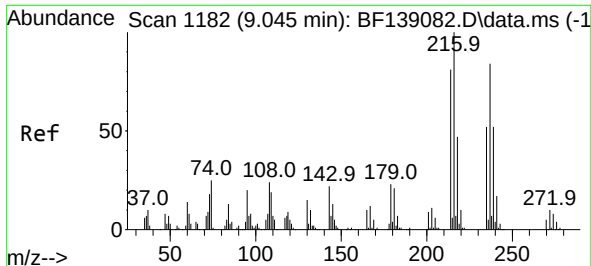
216 100

214 79.2 64.2 96.2

179 21.8 17.4 26.2

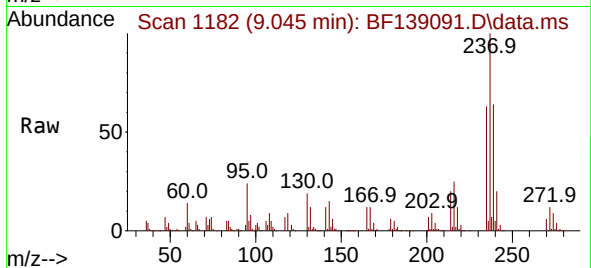
108 22.7 15.5 23.3



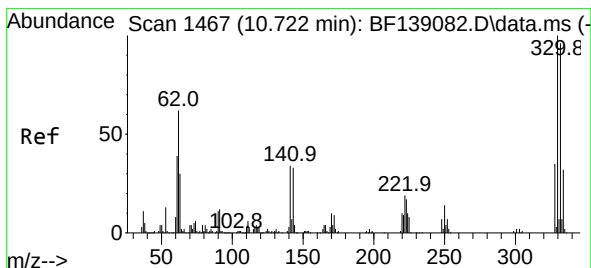
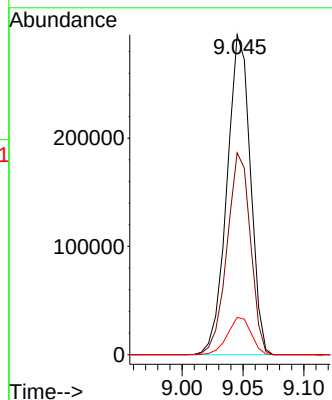
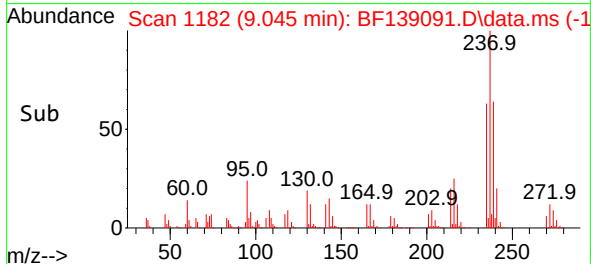


#41
Hexachlorocyclopentadiene
Concen: 160.535 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

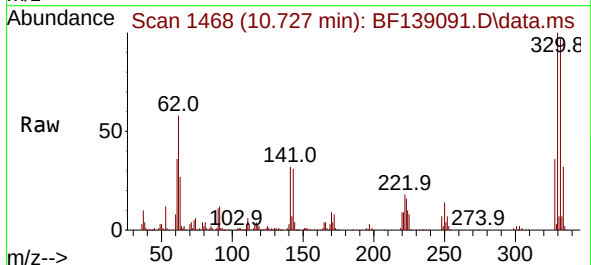
Instrument :
BNA_F
ClientSampleId :
PB162850BS



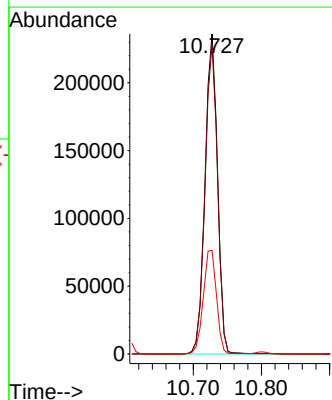
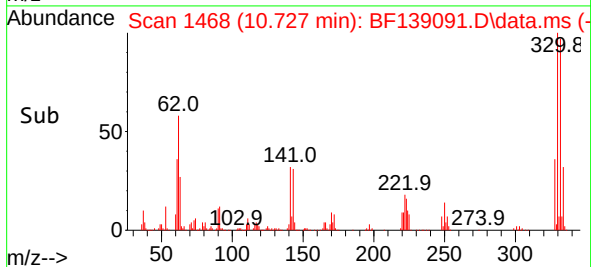
Tgt Ion:237 Resp: 395659
Ion Ratio Lower Upper
237 100
235 63.1 42.5 82.5
272 11.6 0.0 32.0

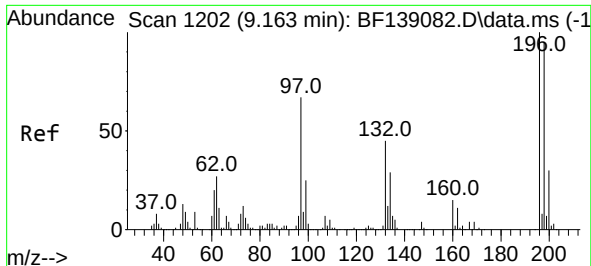


#42
2,4,6-Tribromophenol
Concen: 141.903 ng
RT: 10.727 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49



Tgt Ion:330 Resp: 300902
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 34.3 27.5 41.3

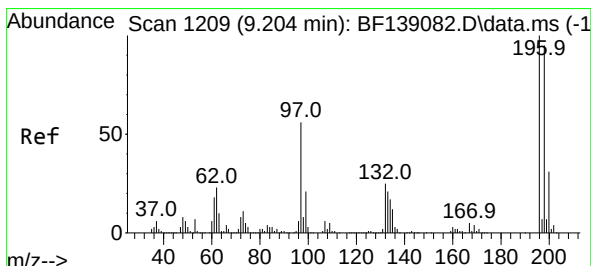
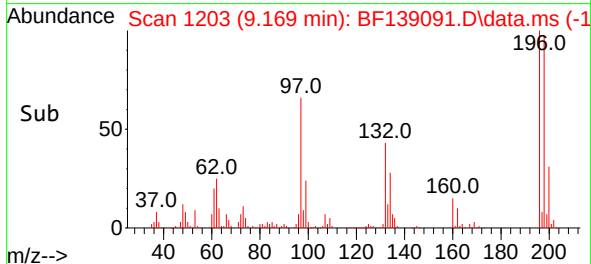
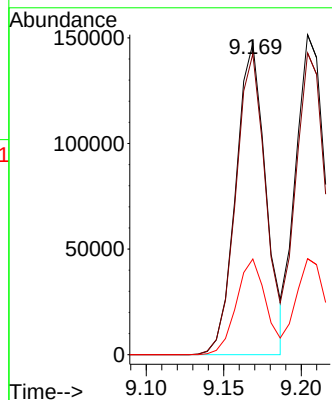
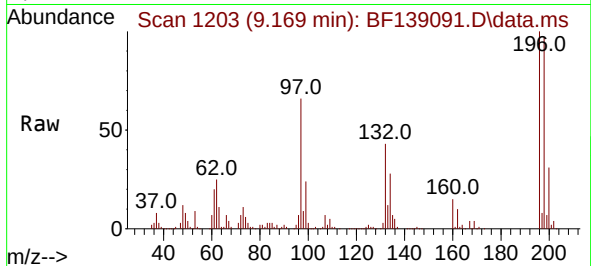




#43
2,4,6-Trichlorophenol
Concen: 45.902 ng
RT: 9.169 min Scan# 1202
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

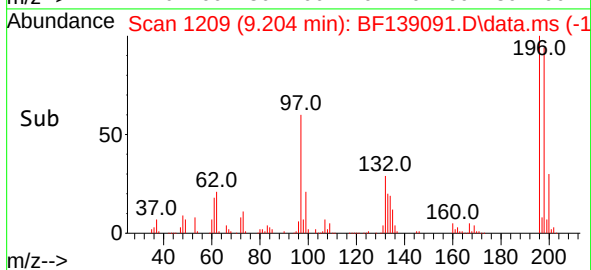
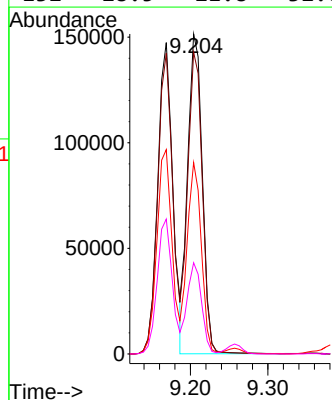
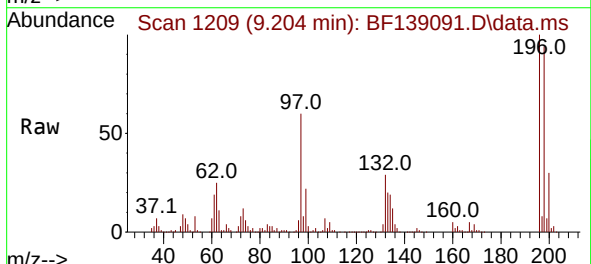
Instrument :
BNA_F
ClientSampleId :
PB162850BS

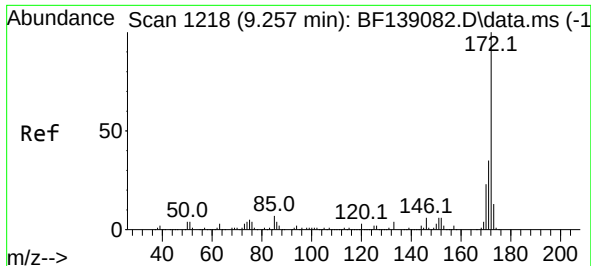
Tgt Ion:196 Resp: 198643
Ion Ratio Lower Upper
196 100
198 96.6 76.4 114.6
200 30.7 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 44.804 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:196 Resp: 199021
Ion Ratio Lower Upper
196 100
198 94.3 76.6 114.8
97 59.8 44.6 67.0
132 28.5 21.8 32.6

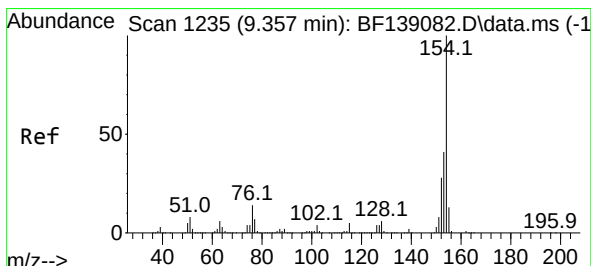
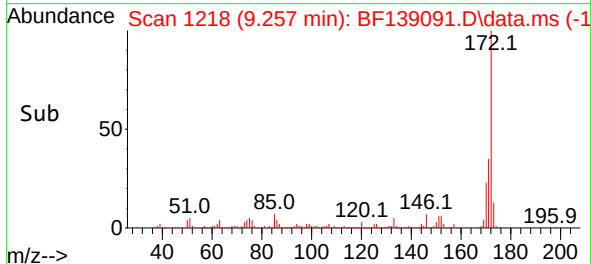
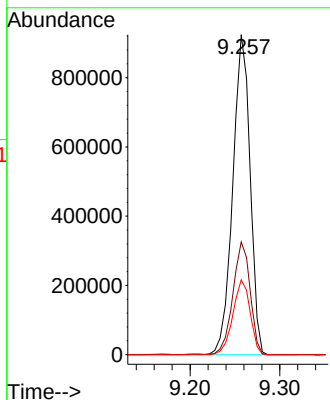
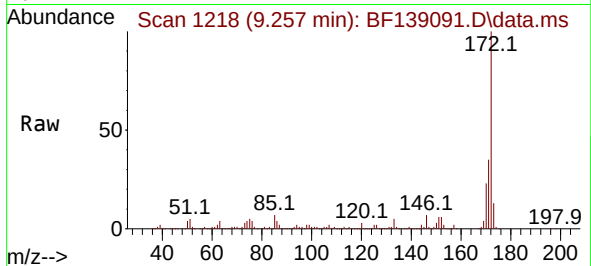




#45
2-Fluorobiphenyl
Concen: 83.739 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

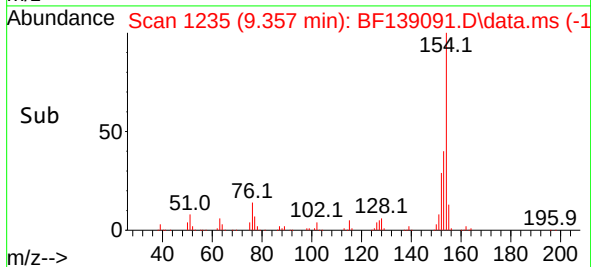
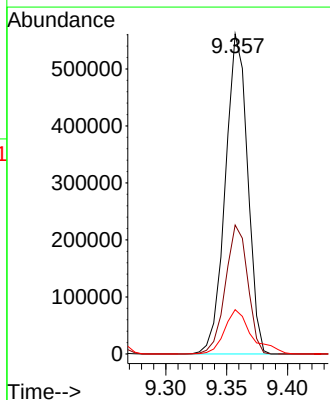
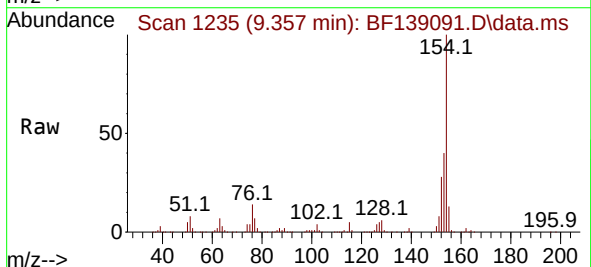
Instrument :
BNA_F
ClientSampleId :
PB162850BS

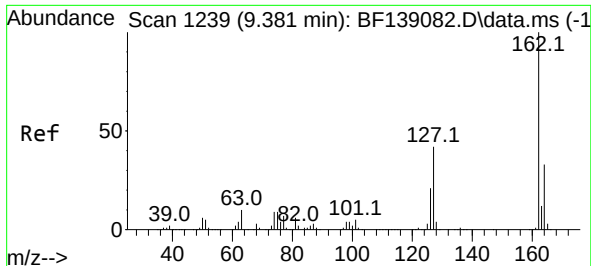
Tgt Ion:172 Resp: 1236239
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 44.511 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:154 Resp: 714199
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 13.8 0.0 33.6





#47

2-Chloronaphthalene

Concen: 42.650 ng

RT: 9.380 min Scan# 1239

Delta R.T. -0.001 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

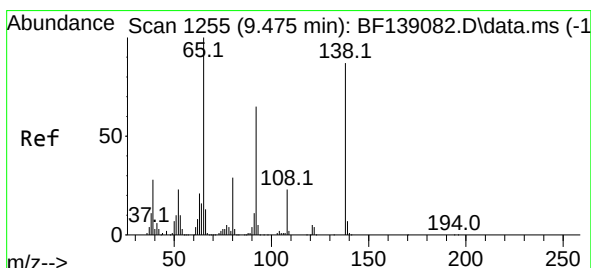
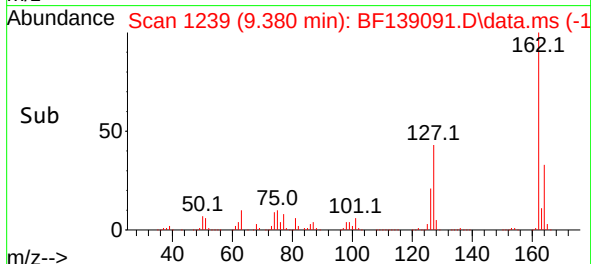
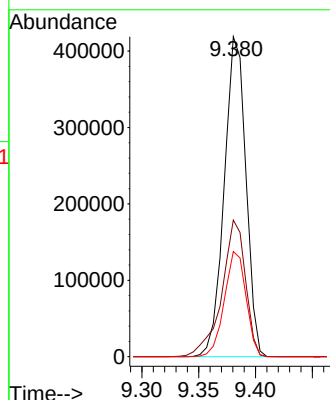
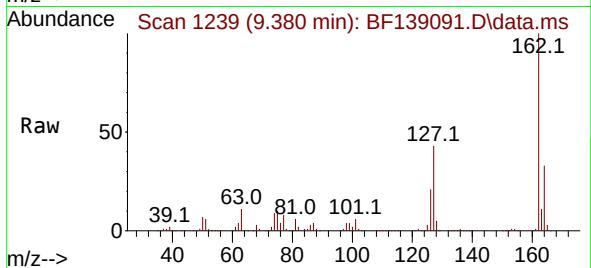
Tgt Ion:162 Resp: 556041

Ion Ratio Lower Upper

162 100

127 42.7 33.8 50.6

164 32.8 26.3 39.5



#48

2-Nitroaniline

Concen: 48.785 ng

RT: 9.475 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

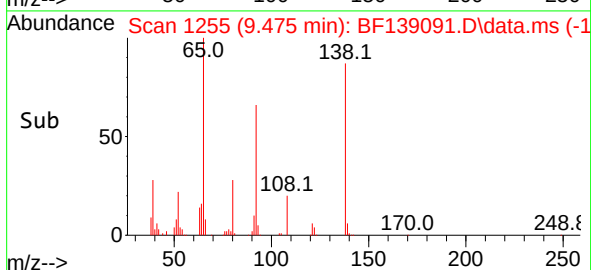
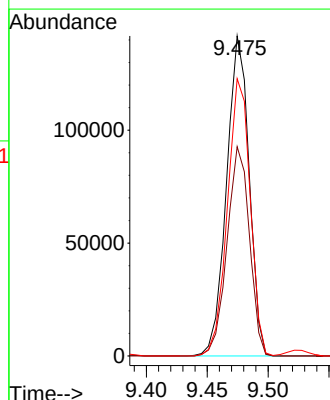
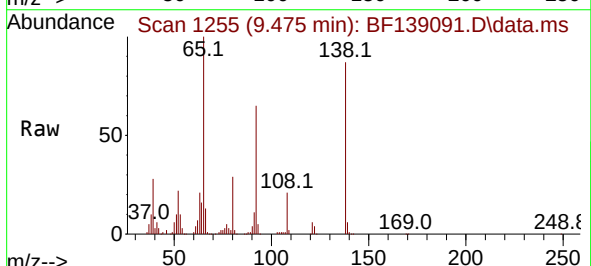
Tgt Ion: 65 Resp: 182682

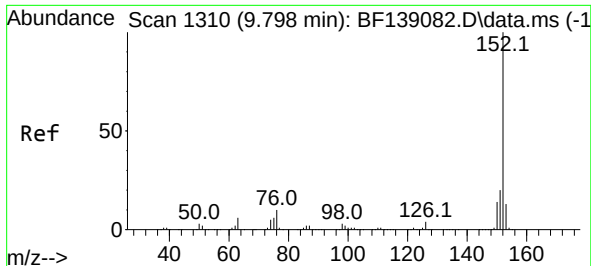
Ion Ratio Lower Upper

65 100

92 65.4 52.4 78.6

138 86.7 69.4 104.0





#49

Acenaphthylene

Concen: 47.586 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

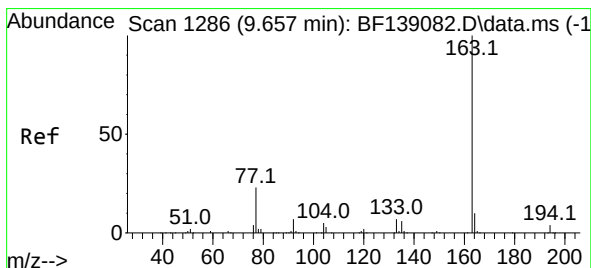
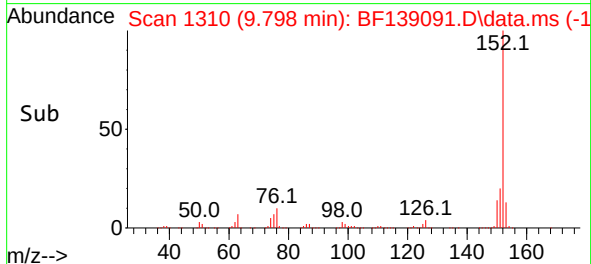
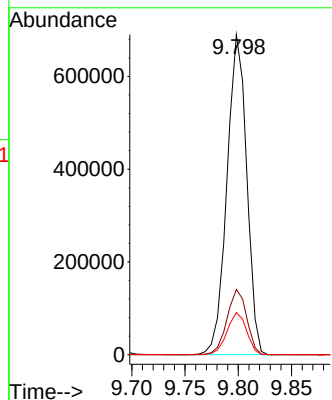
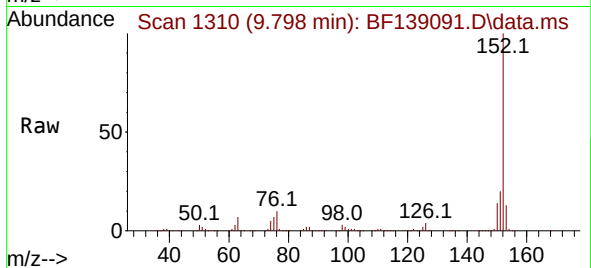
Tgt Ion:152 Resp: 888722

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 46.033 ng

RT: 9.663 min Scan# 1287

Delta R.T. 0.006 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

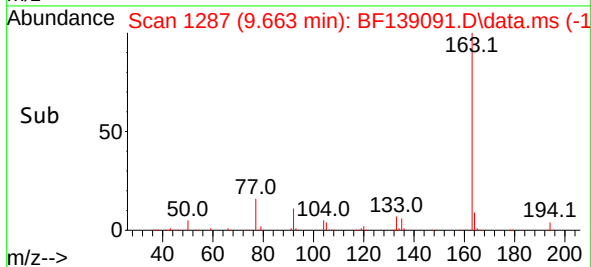
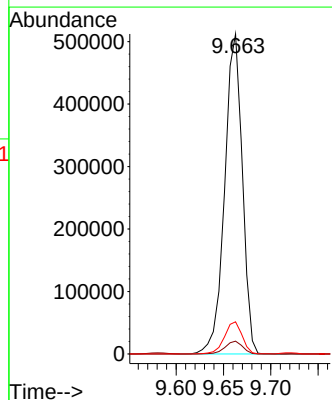
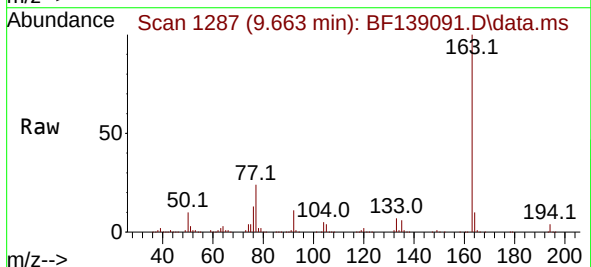
Tgt Ion:163 Resp: 665662

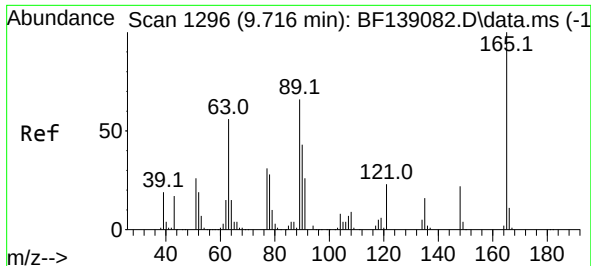
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.966 ng

RT: 9.722 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

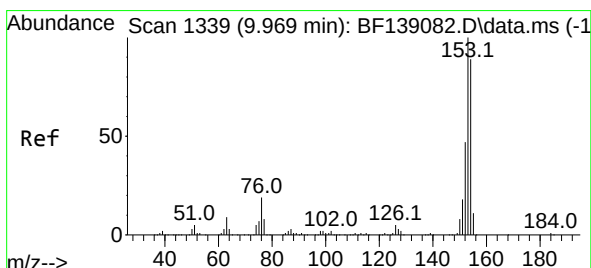
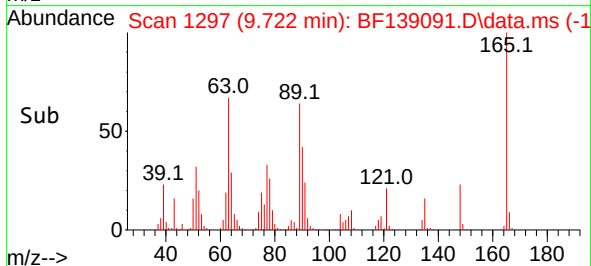
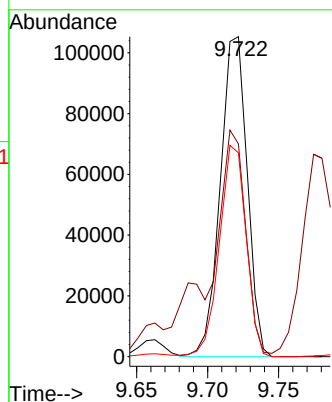
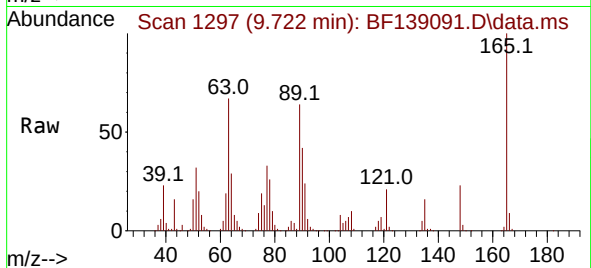
Tgt Ion:165 Resp: 139115

Ion Ratio Lower Upper

165 100

63 66.5 58.0 87.0

89 63.7 53.3 79.9



#52

Acenaphthene

Concen: 49.512 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

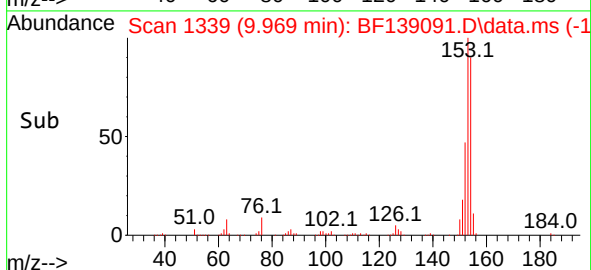
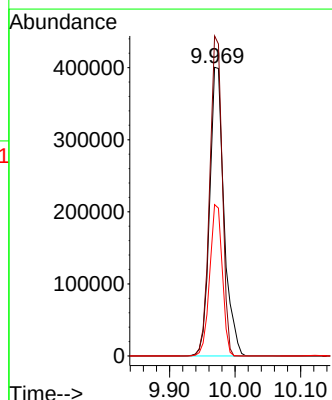
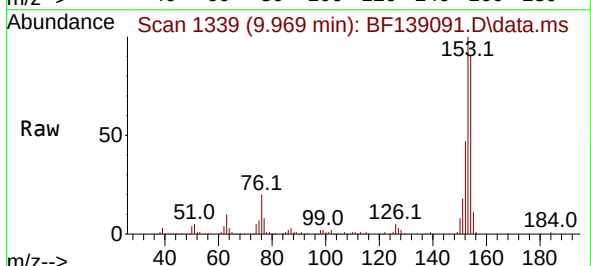
Tgt Ion:154 Resp: 610821

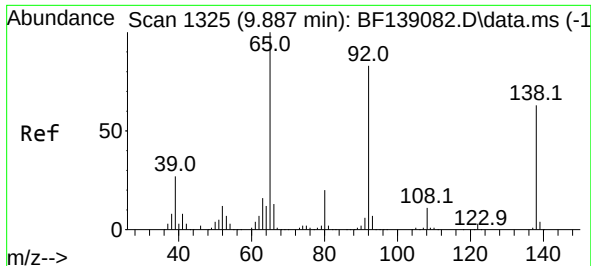
Ion Ratio Lower Upper

154 100

153 110.9 89.7 134.5

152 52.5 42.3 63.5

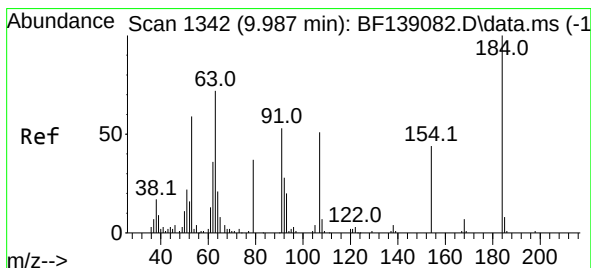
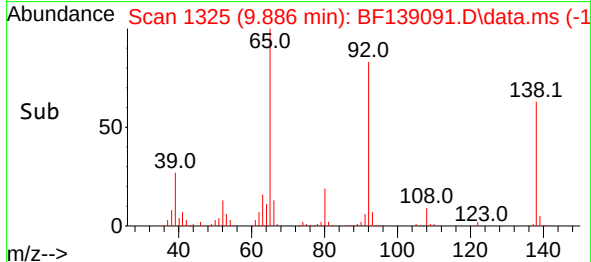
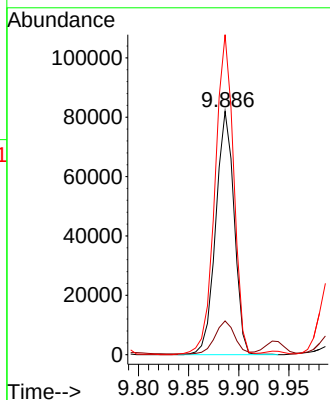
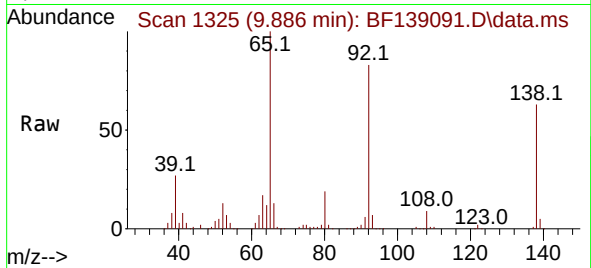




#53
3-Nitroaniline
Concen: 36.683 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

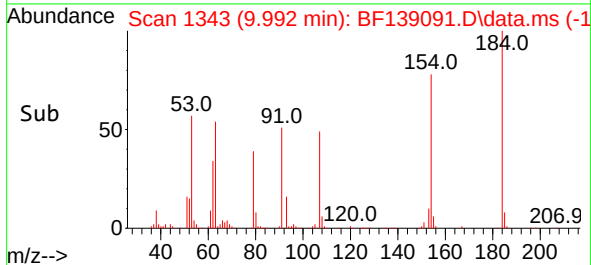
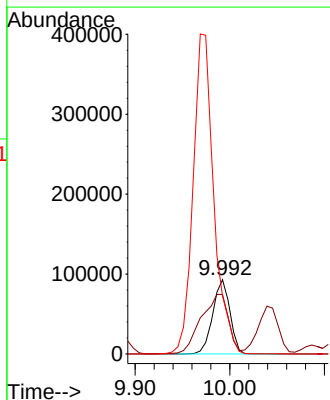
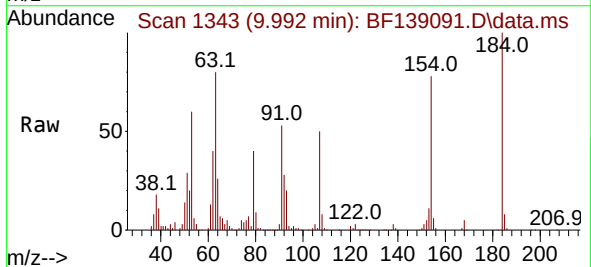
Instrument :
BNA_F
ClientSampleId :
PB162850BS

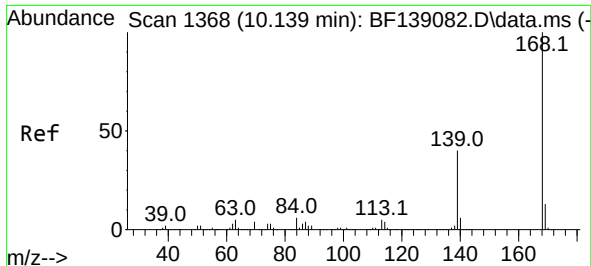
Tgt Ion:138 Resp: 104496
Ion Ratio Lower Upper
138 100
108 13.9 14.6 21.8#
92 131.5 105.9 158.9



#54
2,4-Dinitrophenol
Concen: 87.500 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:184 Resp: 117283
Ion Ratio Lower Upper
184 100
63 80.3 70.5 105.7
154 78.1 135.0 202.6#

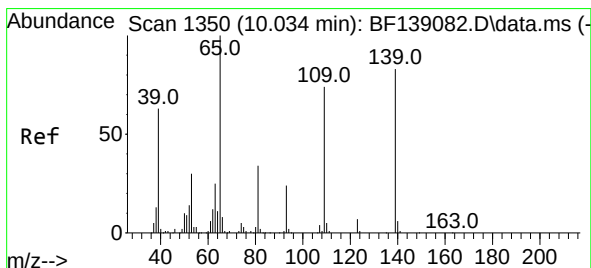
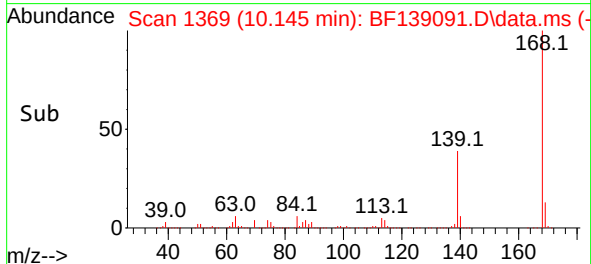
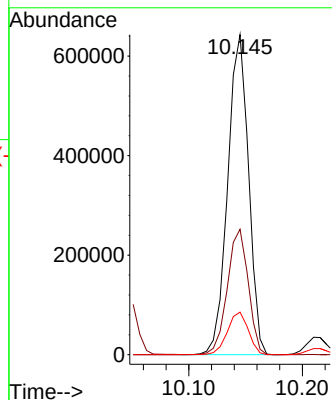
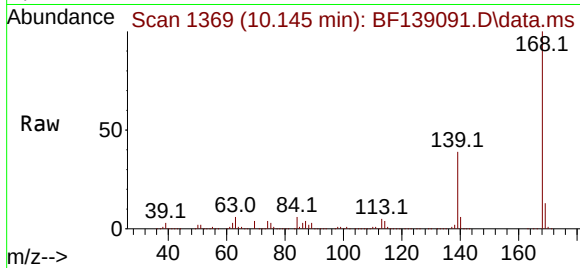




#55
Dibenzenofuran
Concen: 45.705 ng
RT: 10.145 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

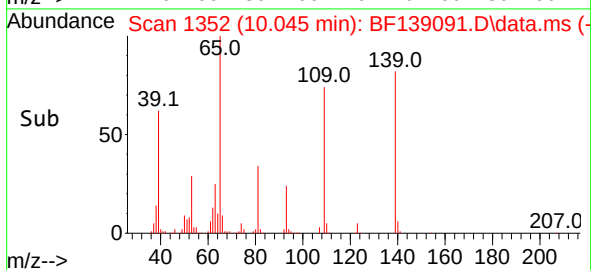
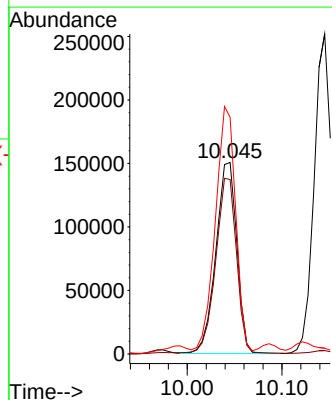
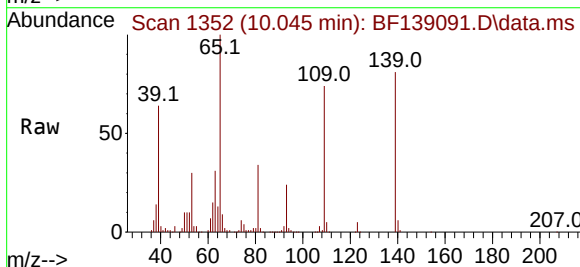
Instrument :
BNA_F
ClientSampleId :
PB162850BS

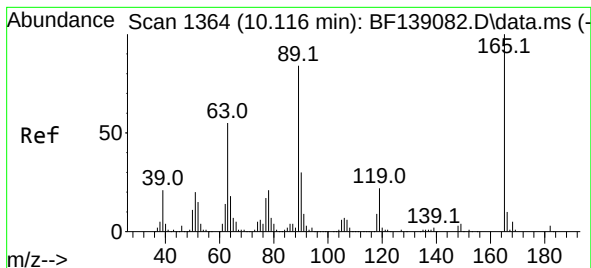
Tgt Ion:168 Resp: 818990
Ion Ratio Lower Upper
168 100
139 39.2 31.6 47.4
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 106.091 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.011 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:139 Resp: 231894
Ion Ratio Lower Upper
139 100
109 91.0 68.8 108.8
65 123.6 101.3 141.3

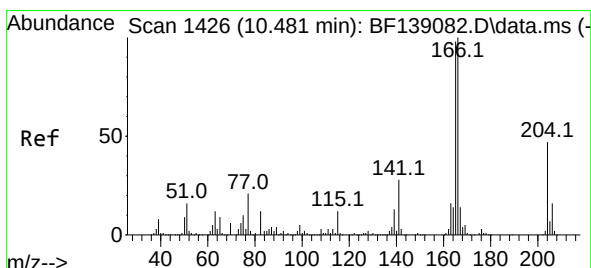
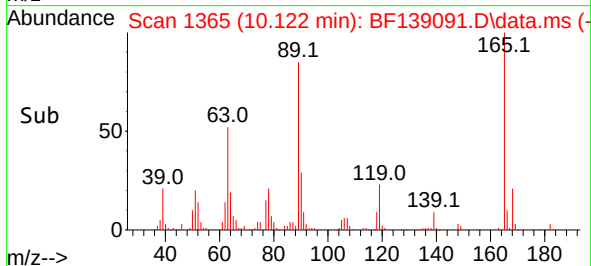
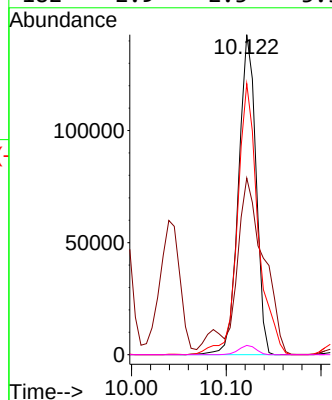
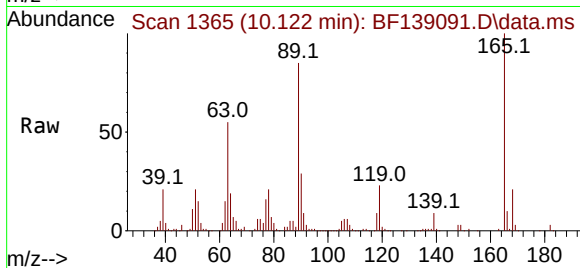




#57
2,4-Dinitrotoluene
Concen: 49.999 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

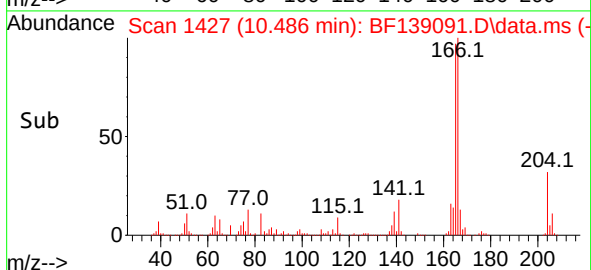
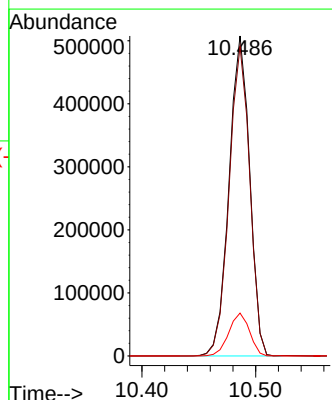
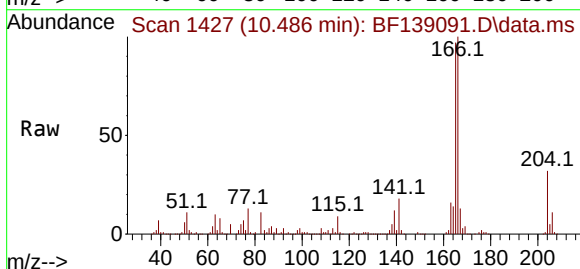
Instrument :
BNA_F
ClientSampleId :
PB162850BS

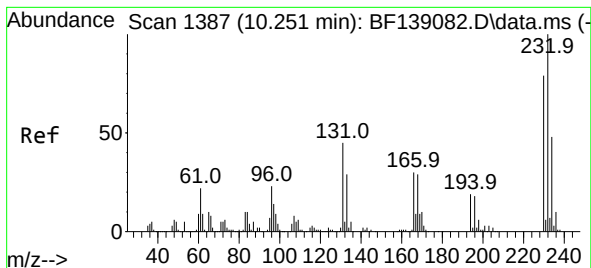
Tgt Ion:165 Resp: 182760
Ion Ratio Lower Upper
165 100
63 55.2 44.2 66.4
89 84.7 67.4 101.2
182 2.9 2.3 3.5



#58
Fluorene
Concen: 44.741 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:166 Resp: 640696
Ion Ratio Lower Upper
166 100
165 96.7 78.0 117.0
167 13.4 11.0 16.4

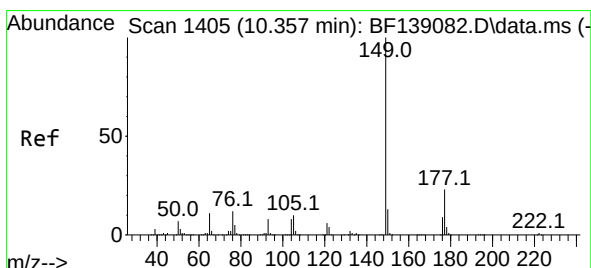
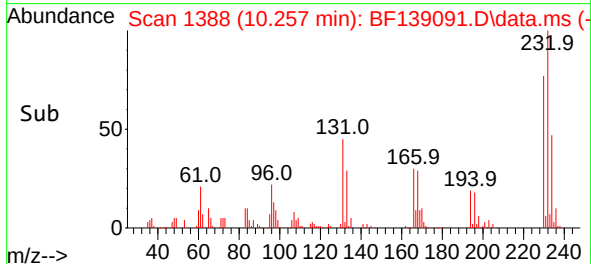
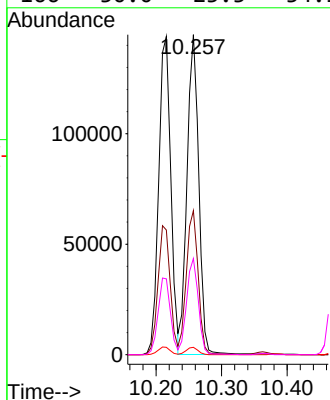
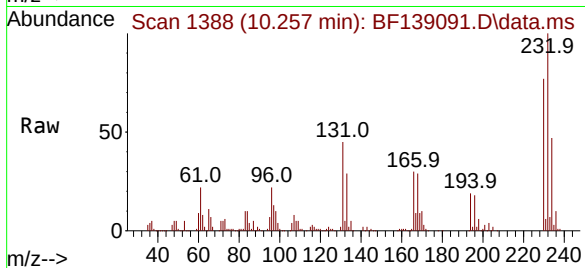




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.340 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

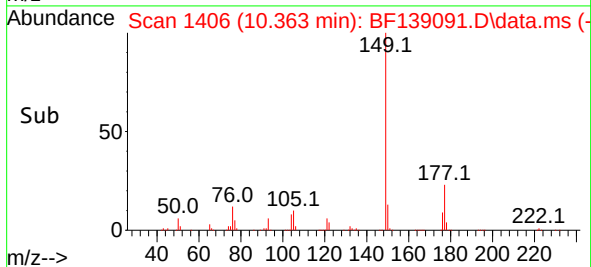
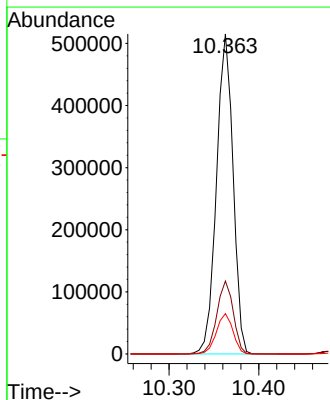
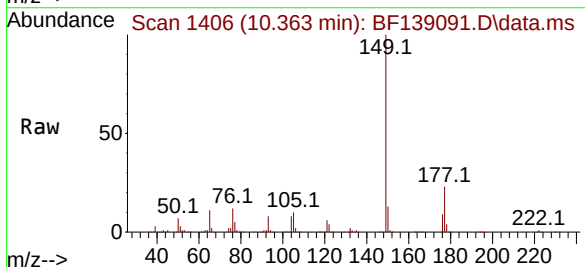
Instrument :
BNA_F
ClientSampleId :
PB162850BS

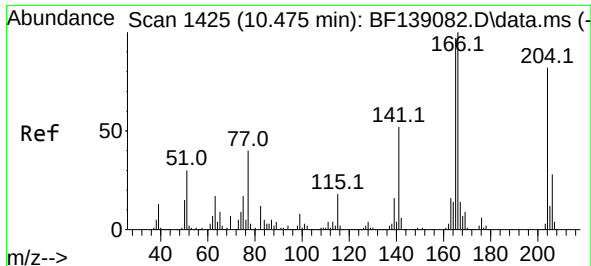
Tgt Ion:232 Resp: 179540
Ion Ratio Lower Upper
232 100
131 45.4 36.0 54.0
130 2.3 2.0 3.0
166 30.0 23.3 34.9



#60
Diethylphthalate
Concen: 46.114 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:149 Resp: 660722
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.6 10.2 15.2

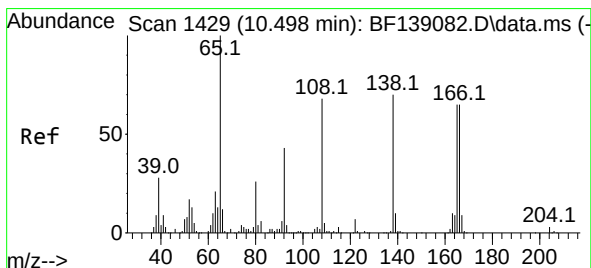
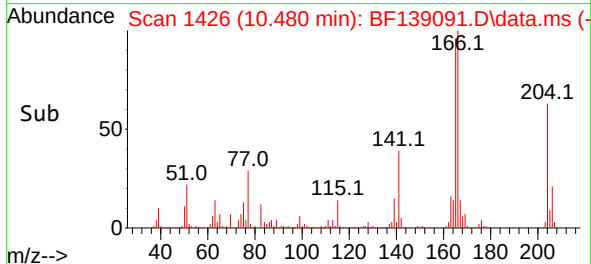
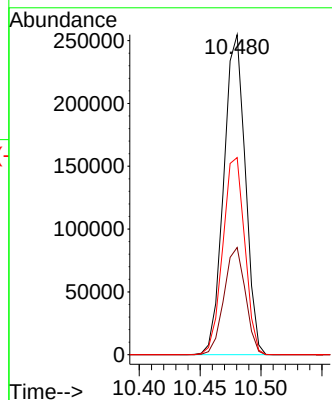
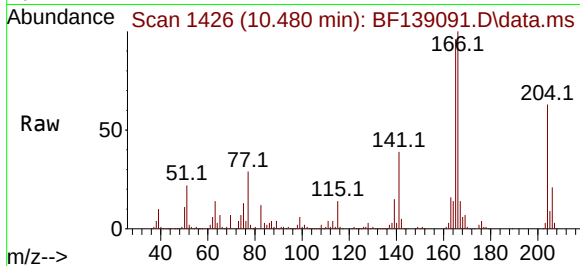




#61
4-Chlorophenyl-phenylether
Concen: 43.952 ng
RT: 10.480 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

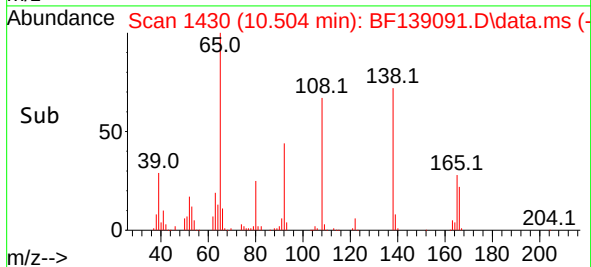
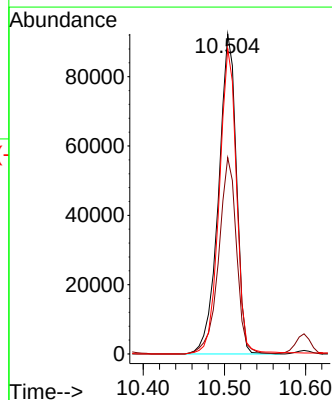
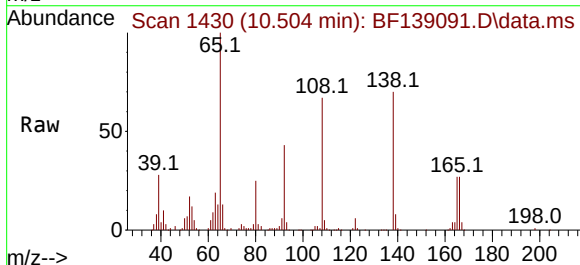
Instrument :
BNA_F
ClientSampleId :
PB162850BS

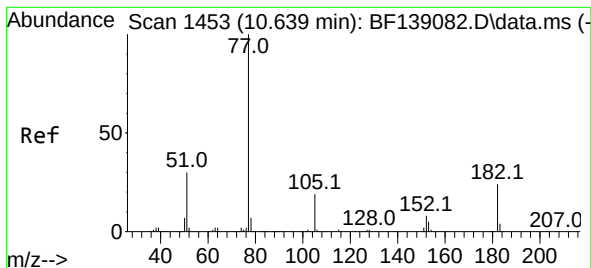
Tgt Ion:204 Resp: 314350
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.4
141 61.6 50.9 76.3



#62
4-Nitroaniline
Concen: 47.613 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:138 Resp: 141222
Ion Ratio Lower Upper
138 100
92 61.3 41.4 81.4
108 95.4 76.8 116.8





#63

Azobenzene

Concen: 46.179 ng

RT: 10.639 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

Tgt Ion: 77 Resp: 735288

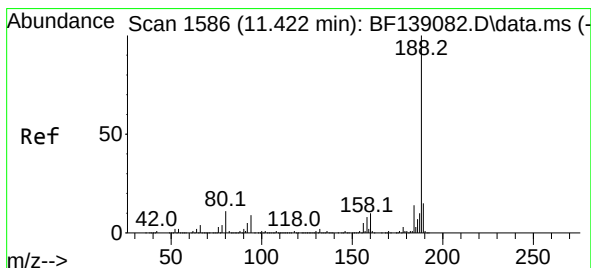
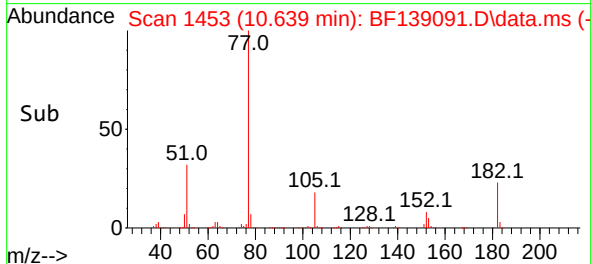
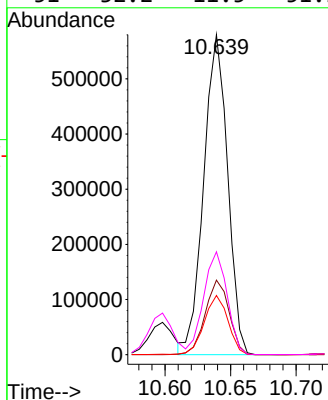
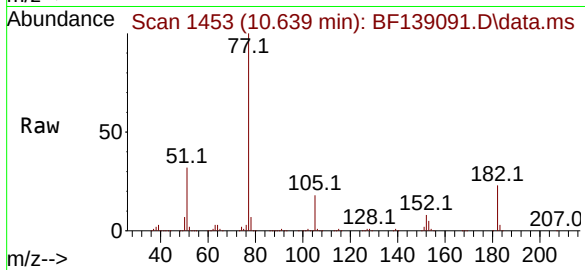
Ion Ratio Lower Upper

77 100

182 23.3 4.0 44.0

105 18.5 0.0 39.1

51 32.2 11.5 51.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

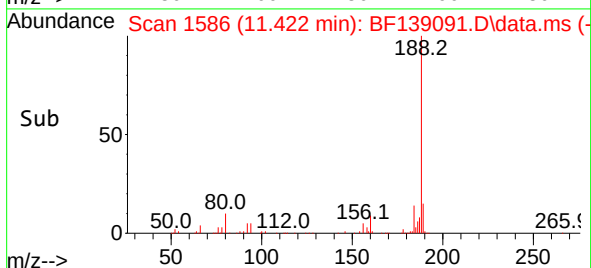
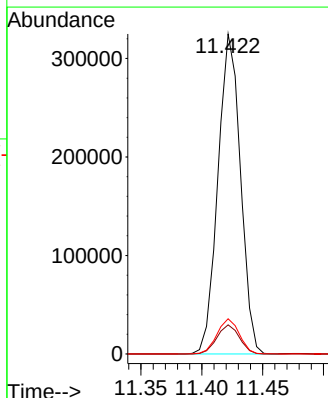
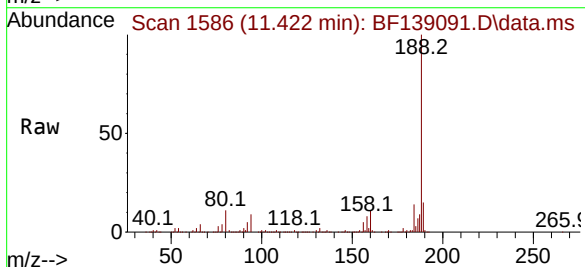
Tgt Ion:188 Resp: 419101

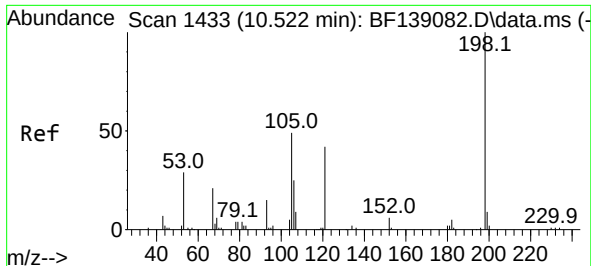
Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 11.0 8.5 12.7

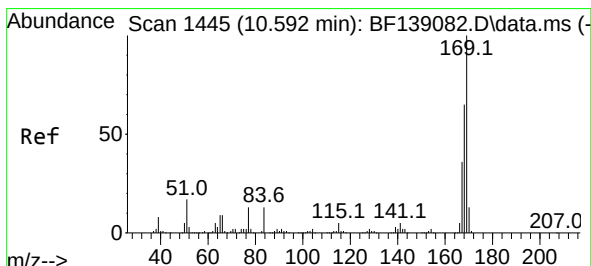
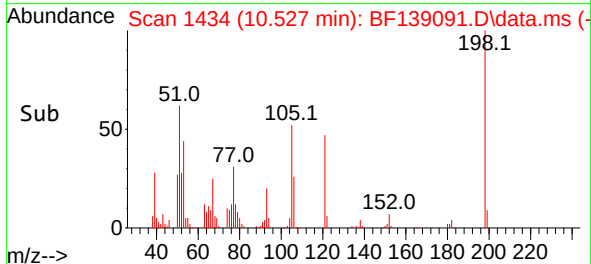
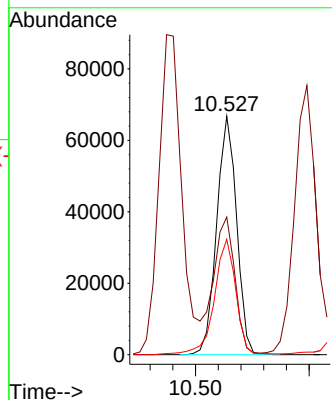
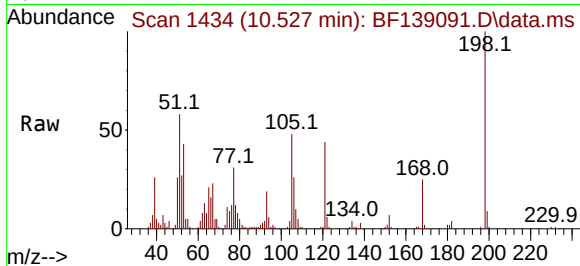




#65
4,6-Dinitro-2-methylphenol
Concen: 52.301 ng
RT: 10.527 min Scan# 1433
Delta R.T. 0.005 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

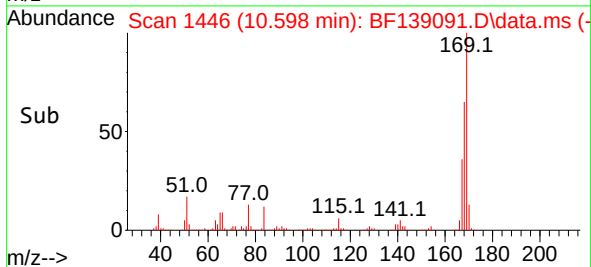
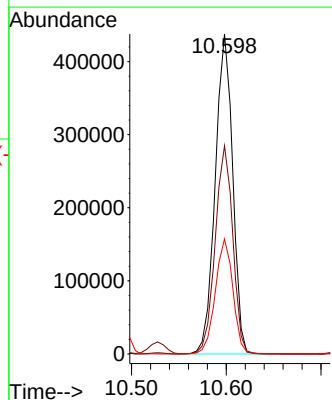
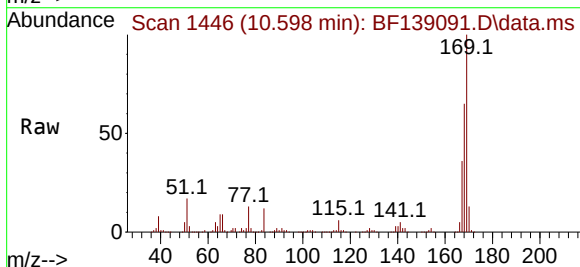
Instrument :
BNA_F
ClientSampleId :
PB162850BS

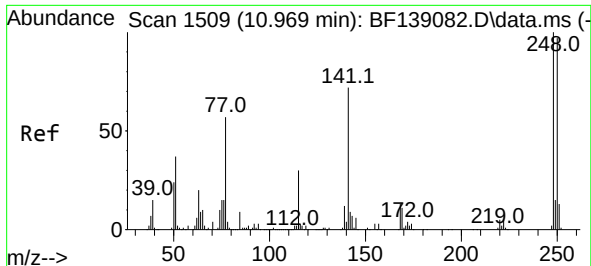
Tgt Ion:198 Resp: 81363
Ion Ratio Lower Upper
198 100
51 57.8 40.8 80.8
105 48.4 30.9 70.9



#66
n-Nitrosodiphenylamine
Concen: 45.144 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:169 Resp: 559826
Ion Ratio Lower Upper
169 100
168 65.1 52.4 78.6
167 36.0 28.6 43.0

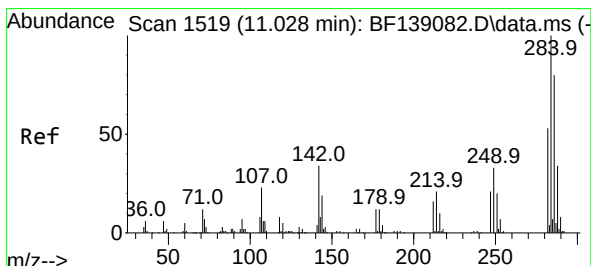
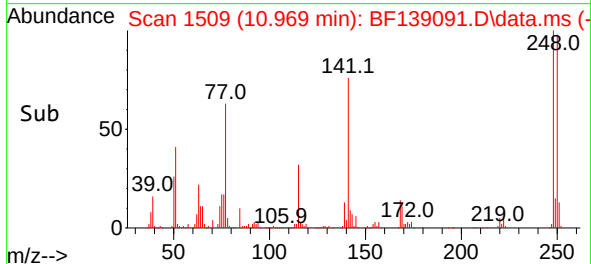
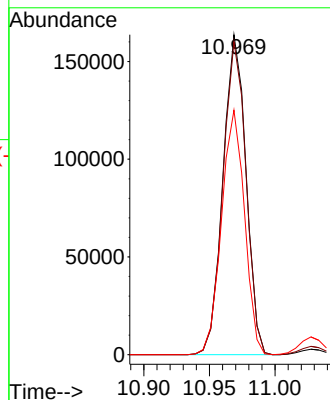
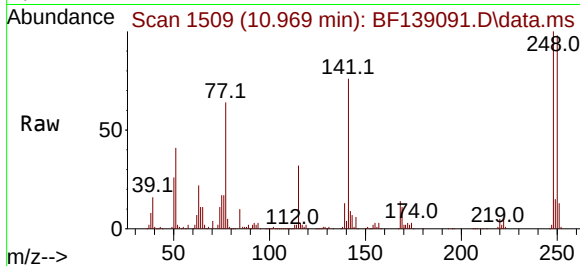




#67
4-Bromophenyl-phenylether
Concen: 45.011 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

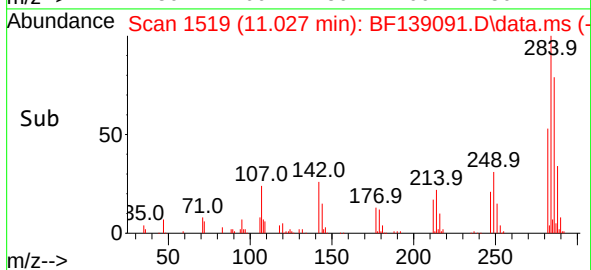
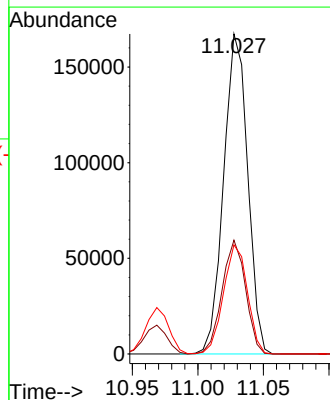
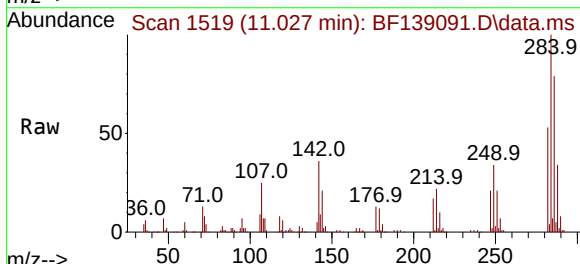
Instrument :
BNA_F
ClientSampleId :
PB162850BS

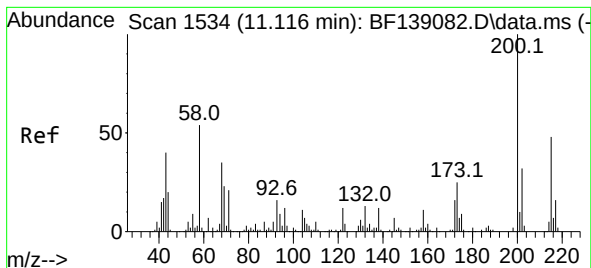
Tgt Ion:248 Resp: 199890
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.8
141 76.4 57.9 86.9



#68
Hexachlorobenzene
Concen: 44.753 ng
RT: 11.027 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:284 Resp: 213221
Ion Ratio Lower Upper
284 100
142 35.5 27.1 40.7
249 34.1 26.8 40.2





#69

Atrazine

Concen: 52.697 ng

RT: 11.122 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

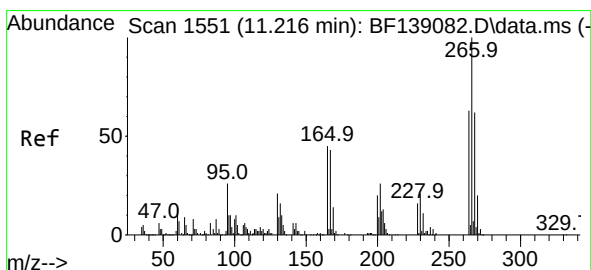
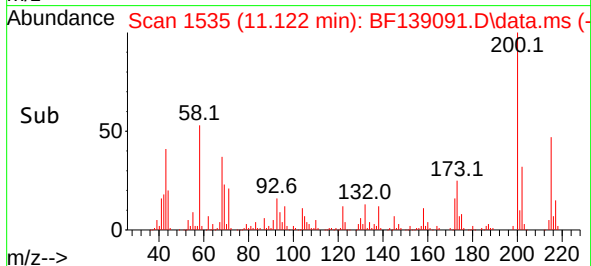
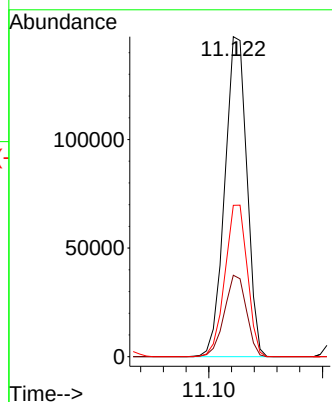
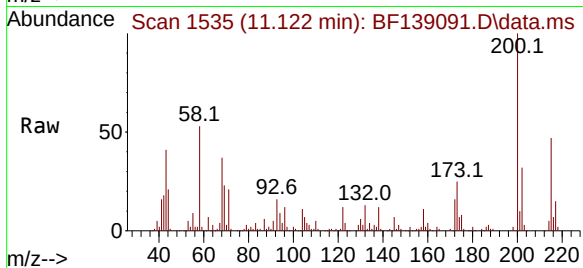
Tgt Ion:200 Resp: 199579

Ion Ratio Lower Upper

200 100

173 25.5 5.2 45.2

215 47.3 27.9 67.9



#70

Pentachlorophenol

Concen: 93.312 ng

RT: 11.222 min Scan# 1552

Delta R.T. 0.006 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

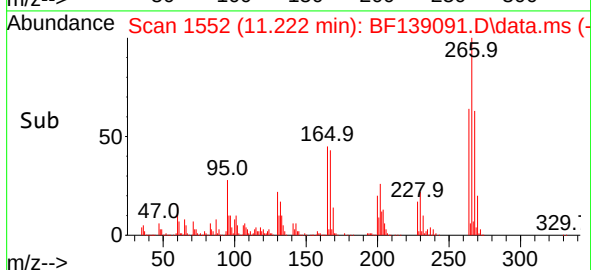
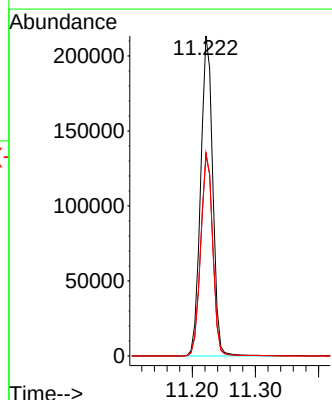
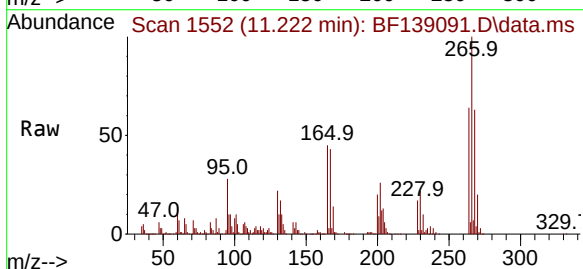
Tgt Ion:266 Resp: 283984

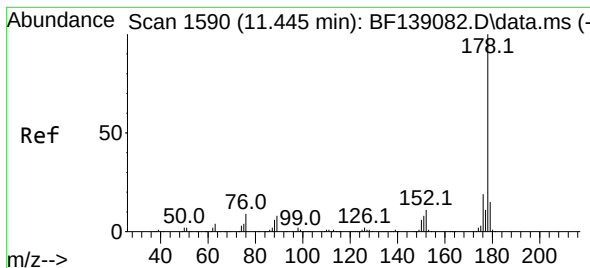
Ion Ratio Lower Upper

266 100

268 62.8 49.5 74.3

264 63.5 50.0 75.0





#71

Phenanthrene

Concen: 45.322 ng

RT: 11.451 min Scan# 1591

Delta R.T. 0.006 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

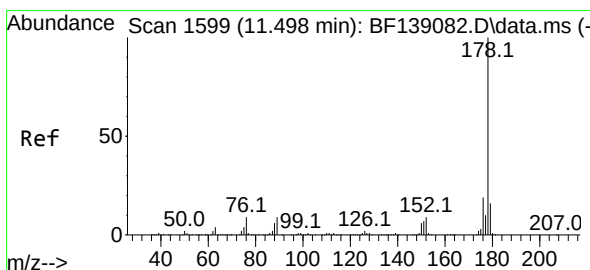
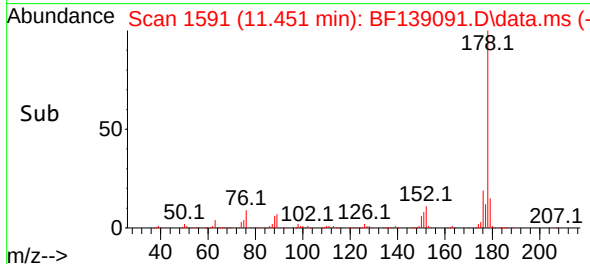
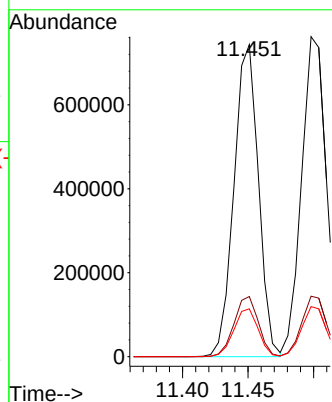
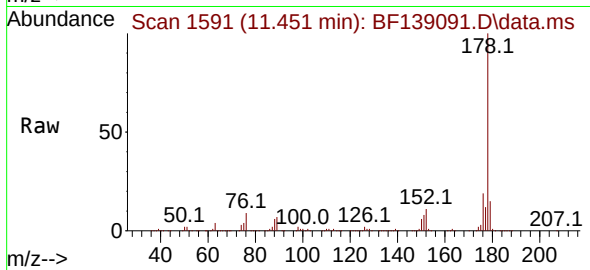
Tgt Ion:178 Resp: 965444

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.3 12.3 18.5



#72

Anthracene

Concen: 47.547 ng

RT: 11.498 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

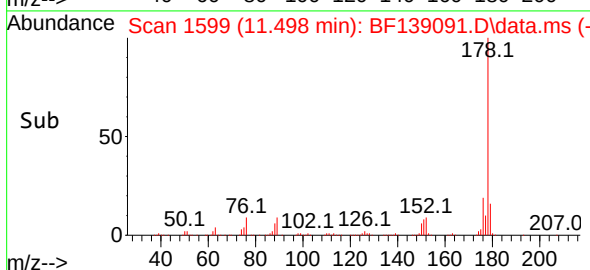
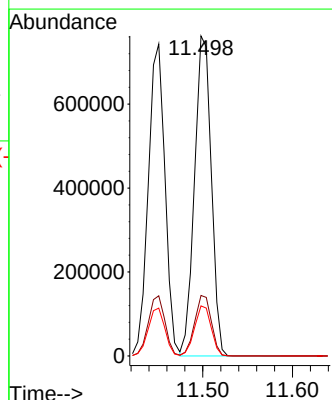
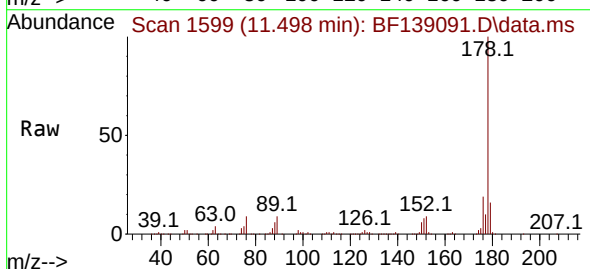
Tgt Ion:178 Resp: 990528

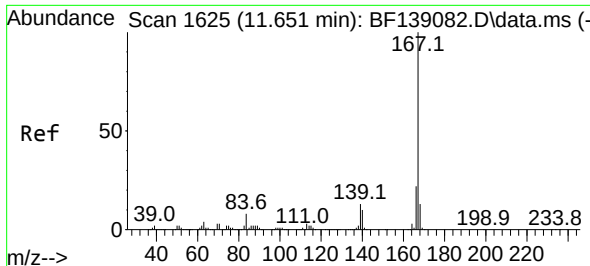
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.7 12.4 18.6

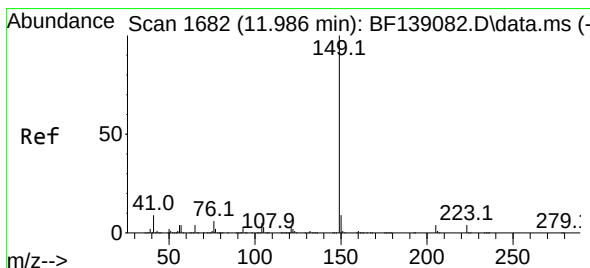
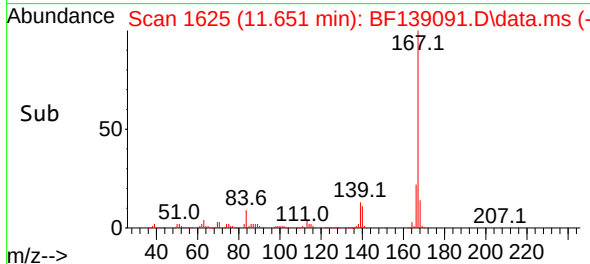
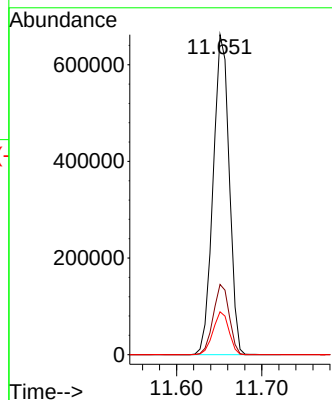
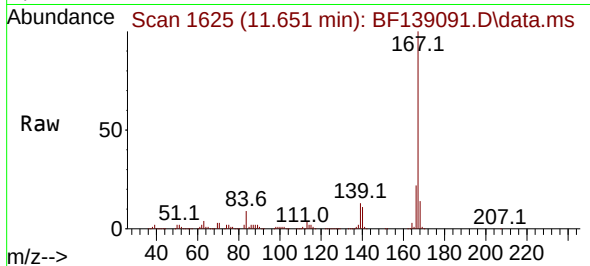




#73
 Carbazole
 Concen: 44.809 ng
 RT: 11.651 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF139091.D
 Acq: 21 Aug 2024 09:49

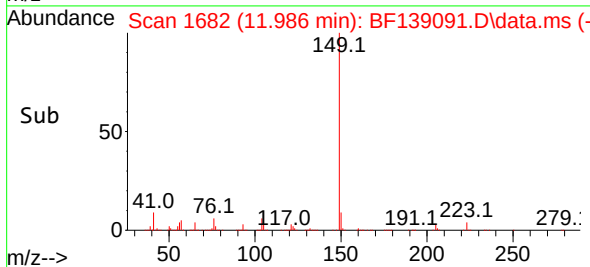
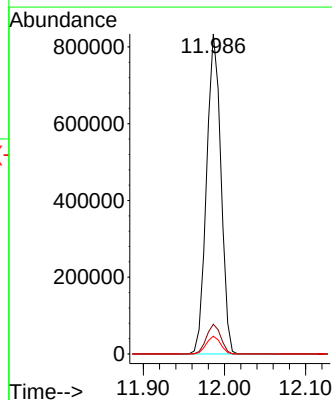
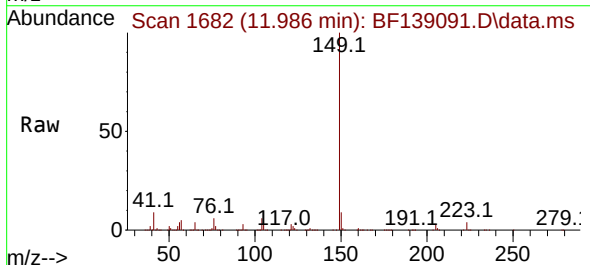
Instrument :
 BNA_F
 ClientSampleId :
 PB162850BS

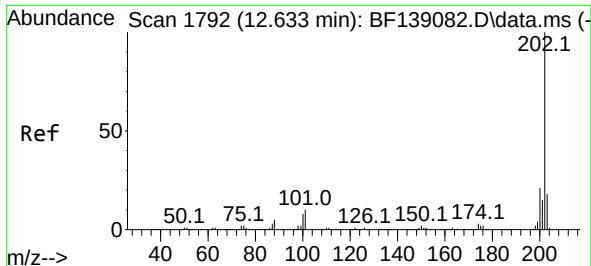
Tgt Ion:167 Resp: 871678
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 13.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 45.227 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: BF139091.D
 Acq: 21 Aug 2024 09:49

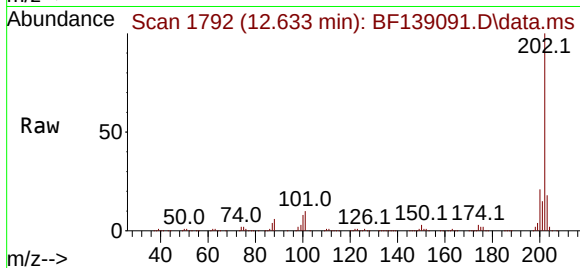
Tgt Ion:149 Resp: 1020162
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.5 4.3 6.5



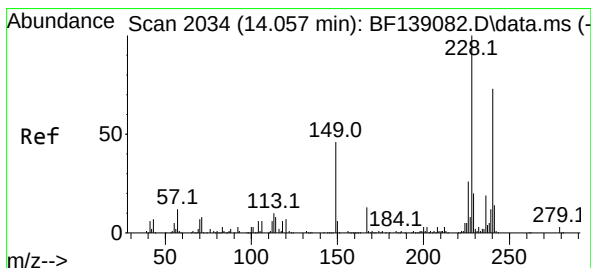
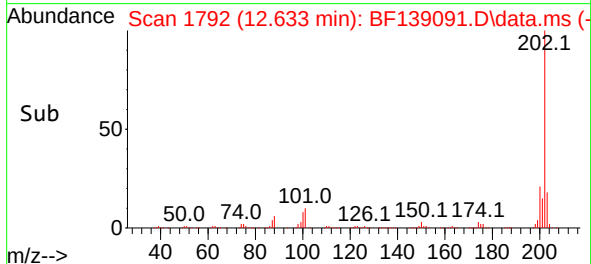
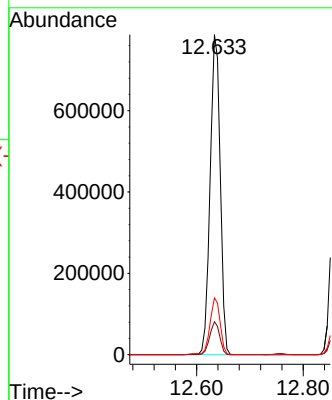


#75
Fluoranthene
Concen: 45.359 ng
RT: 12.633 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Instrument :
BNA_F
ClientSampleId :
PB162850BS

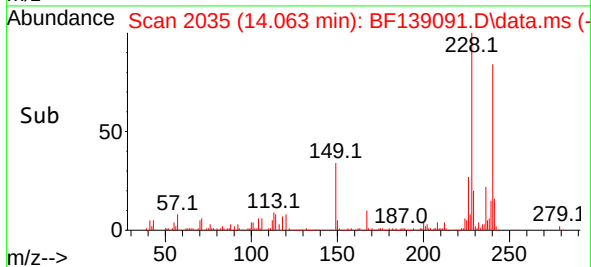
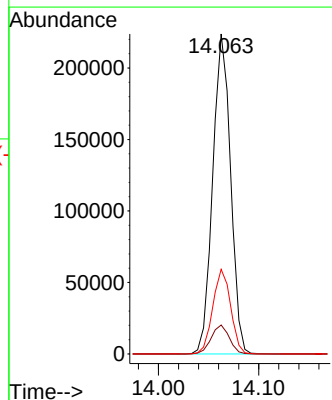
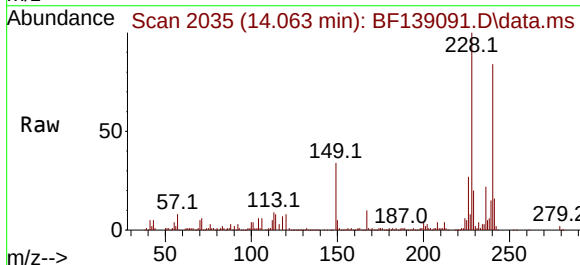


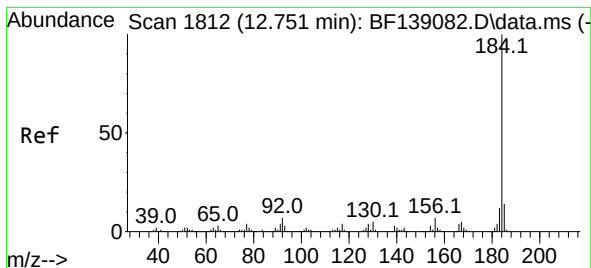
Tgt Ion:202 Resp: 1031294
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:240 Resp: 276239
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 26.5 20.9 31.3





#77

Benzidine

Concen: 78.800 ng

RT: 12.757 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

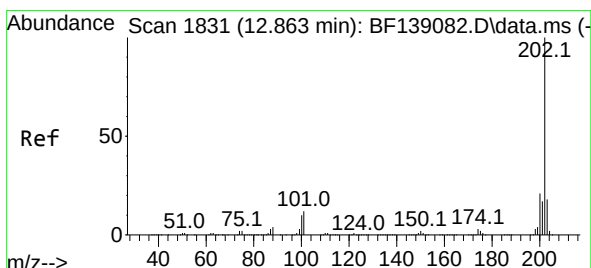
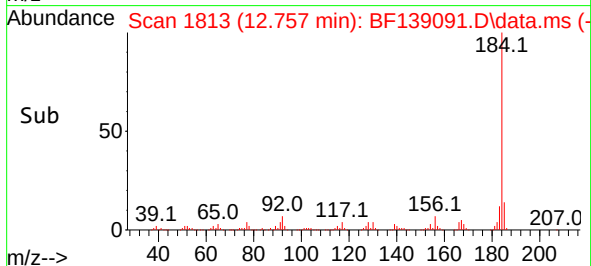
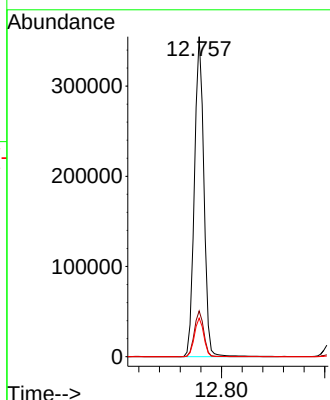
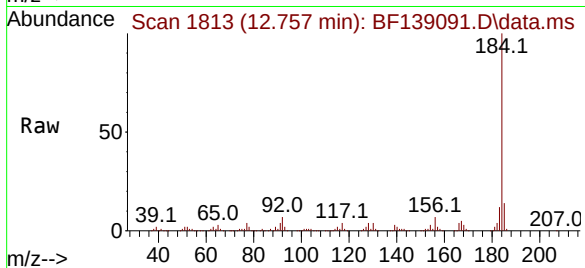
Tgt Ion:184 Resp: 449639

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 12.0 9.8 14.6



#78

Pyrene

Concen: 45.531 ng

RT: 12.863 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

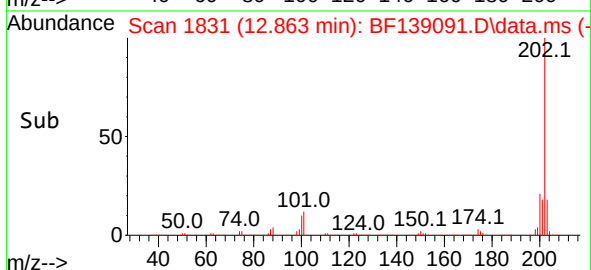
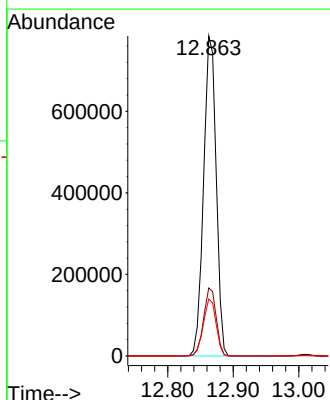
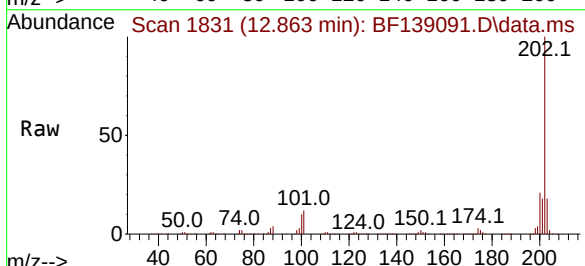
Tgt Ion:202 Resp: 1049602

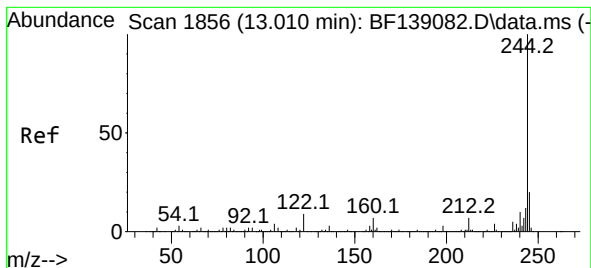
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 92.635 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

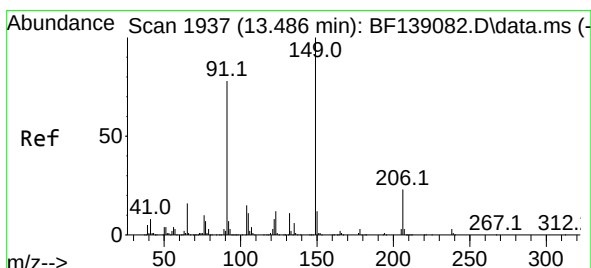
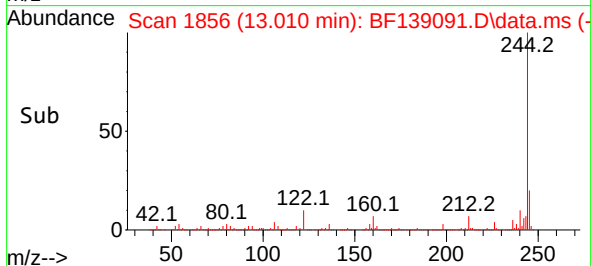
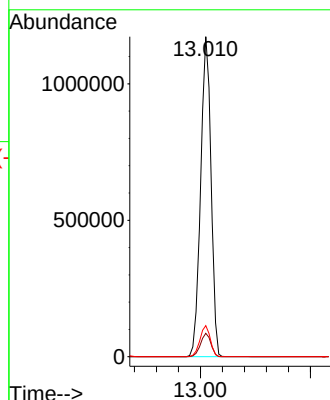
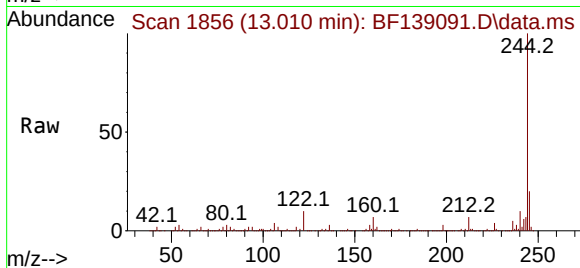
Tgt Ion:244 Resp: 1542179

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.7 7.6 11.4



#80

Butylbenzylphthalate

Concen: 49.830 ng

RT: 13.486 min Scan# 1937

Delta R.T. -0.000 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

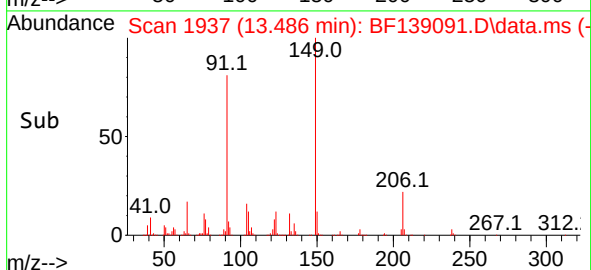
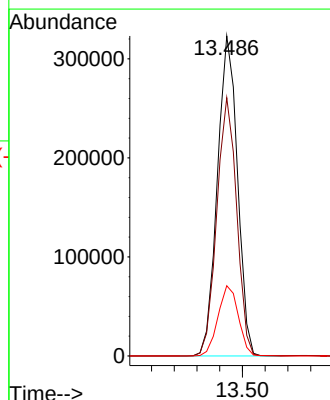
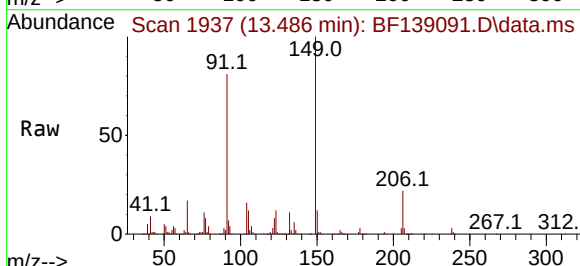
Tgt Ion:149 Resp: 397413

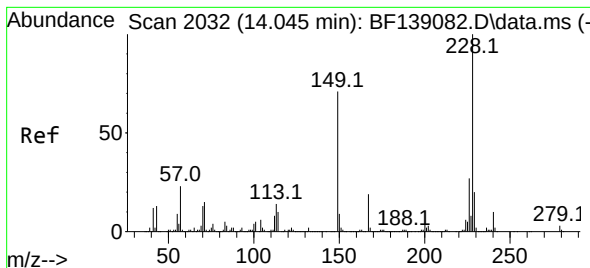
Ion Ratio Lower Upper

149 100

91 80.7 62.1 93.1

206 22.0 18.0 27.0





#81

Benzo(a)anthracene

Concen: 45.692 ng

RT: 14.051 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

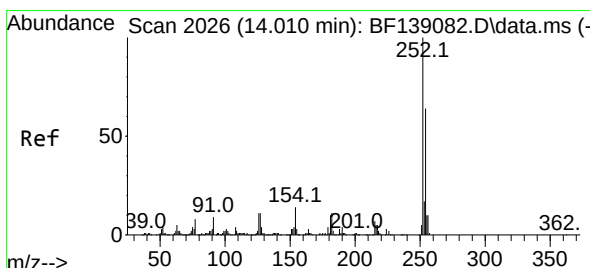
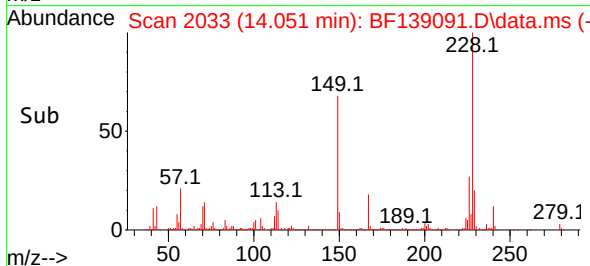
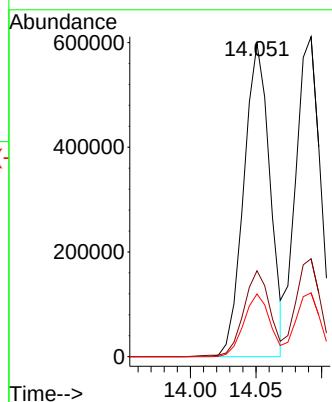
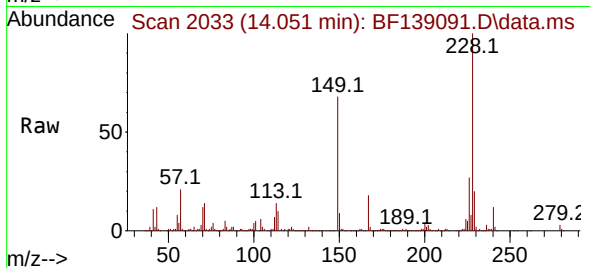
Tgt Ion:228 Resp: 829719

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

229 20.0 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 34.949 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

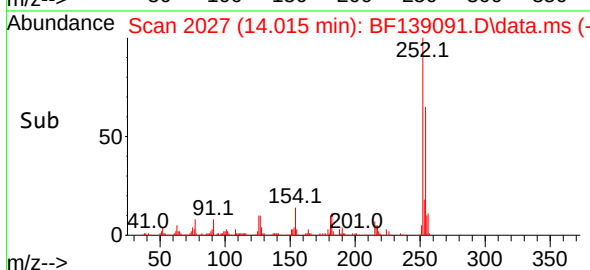
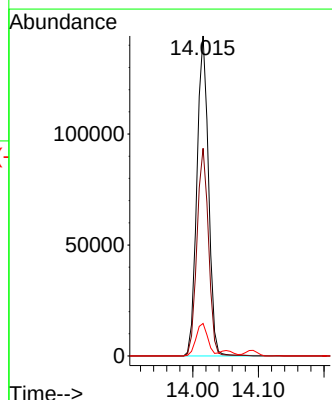
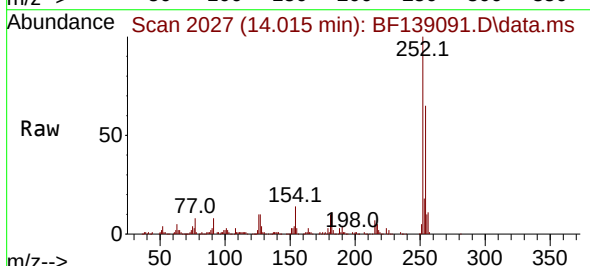
Tgt Ion:252 Resp: 177392

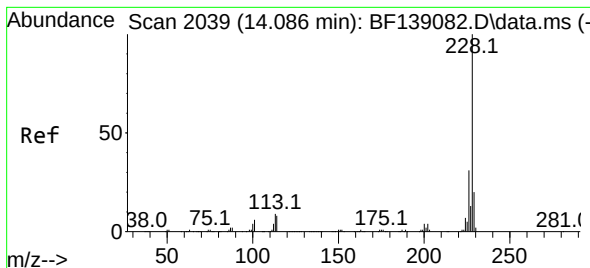
Ion Ratio Lower Upper

252 100

254 64.9 51.4 77.0

126 10.2 8.6 12.8





#83

Chrysene

Concen: 48.115 ng

RT: 14.092 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

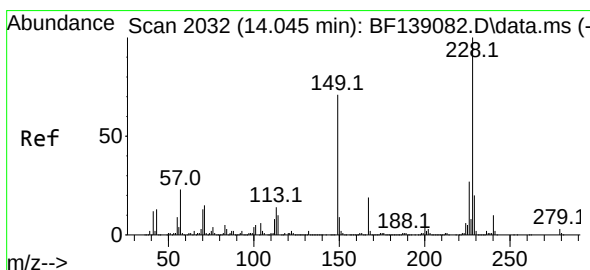
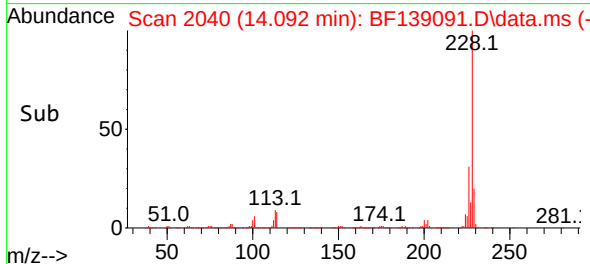
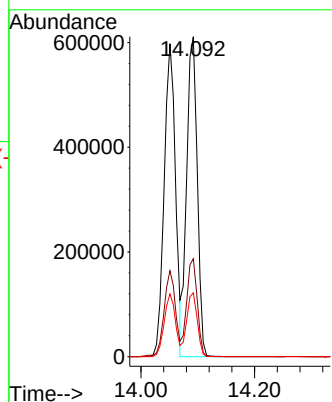
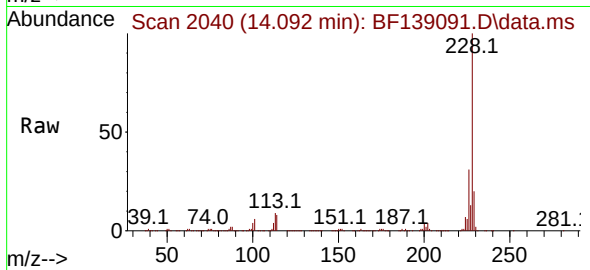
Tgt Ion:228 Resp: 791936

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.749 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

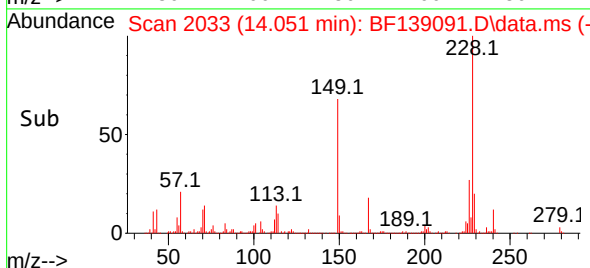
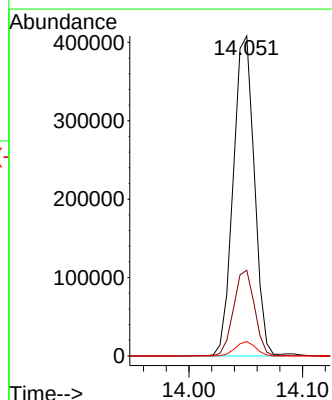
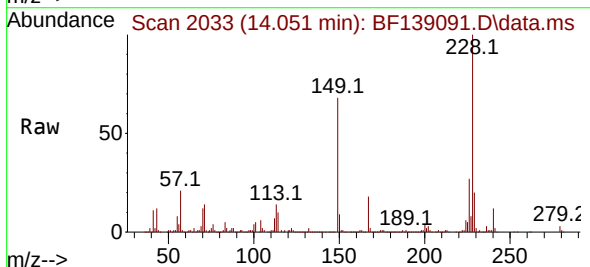
Tgt Ion:149 Resp: 525998

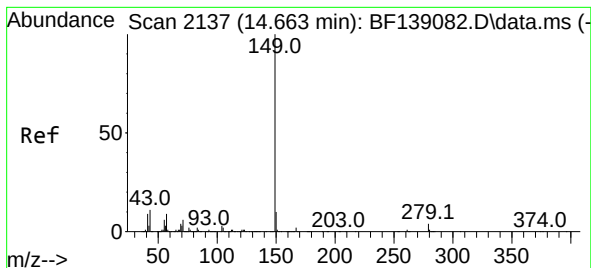
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.6

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 51.467 ng

RT: 14.663 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

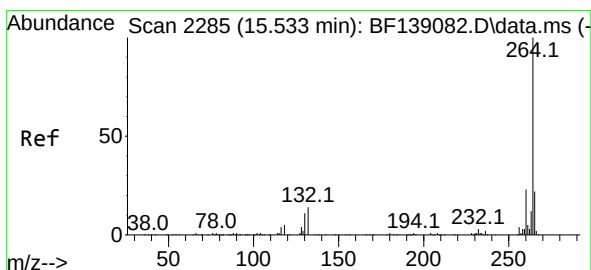
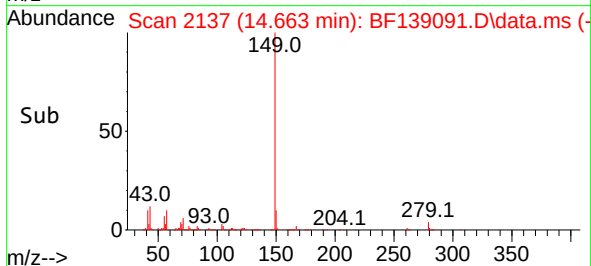
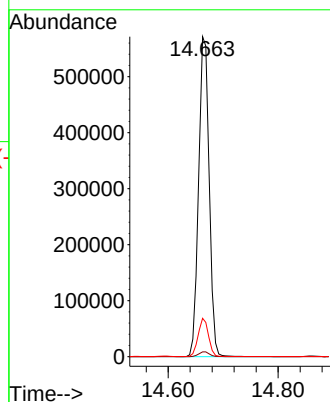
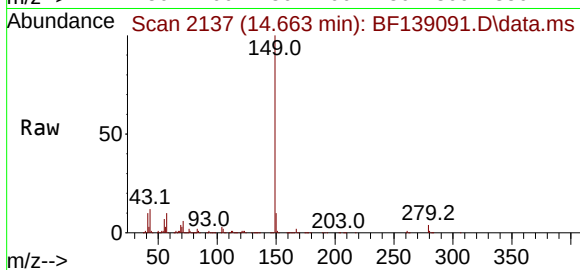
Tgt Ion:149 Resp: 763739

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.6 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.006 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

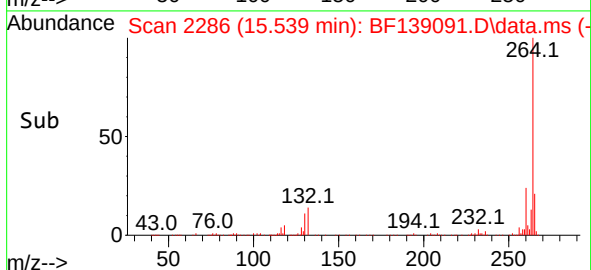
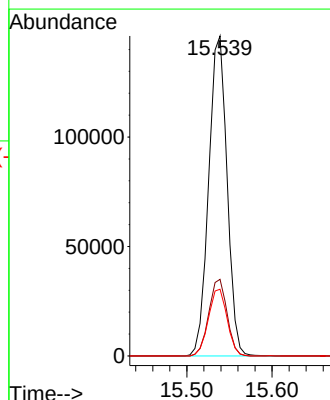
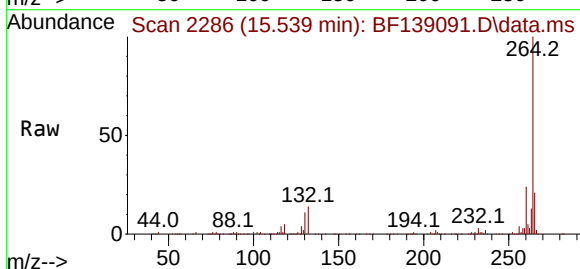
Tgt Ion:264 Resp: 219301

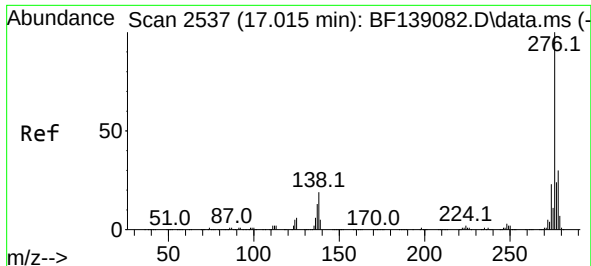
Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 20.8 17.4 26.2

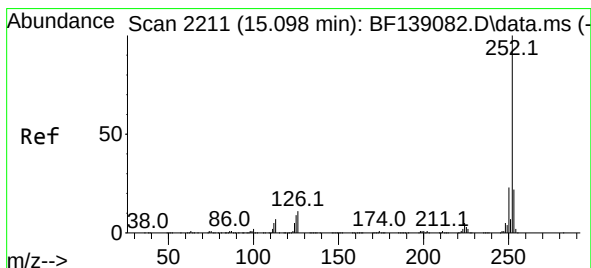
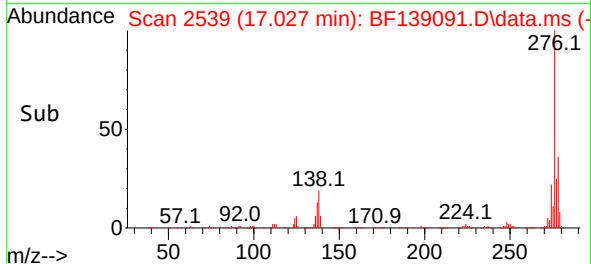
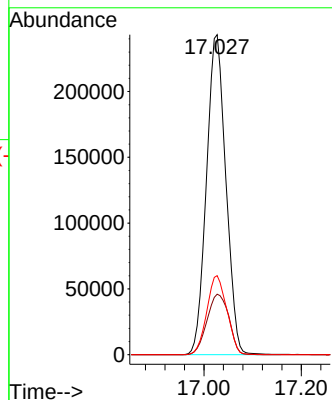
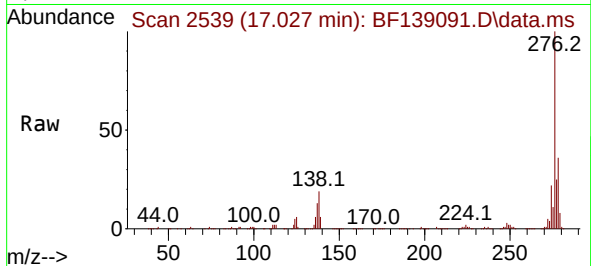




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.321 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

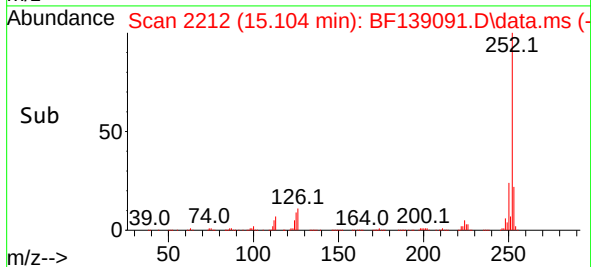
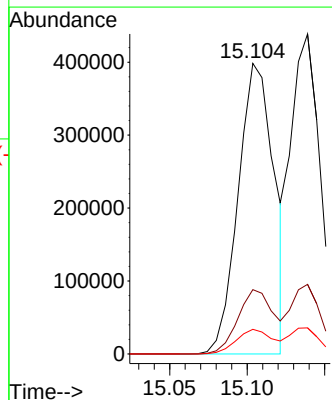
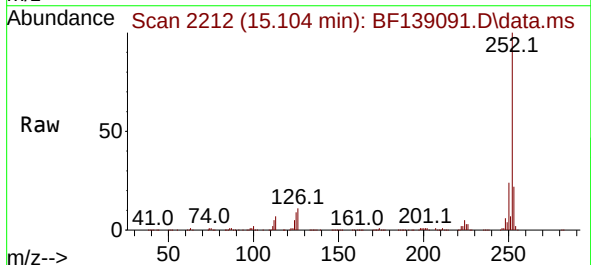
Instrument :
BNA_F
ClientSampleId :
PB162850BS

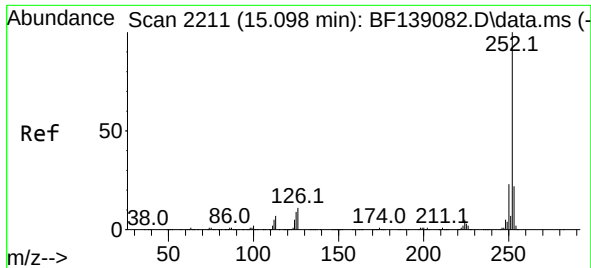
Tgt Ion:276 Resp: 671523
Ion Ratio Lower Upper
276 100
138 21.3 17.3 25.9
277 25.5 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 44.851 ng
RT: 15.104 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:252 Resp: 641232
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 8.5 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 48.349 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB162850BS

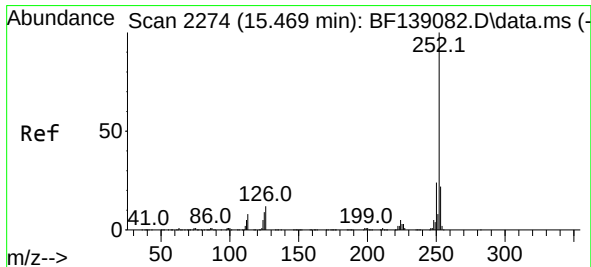
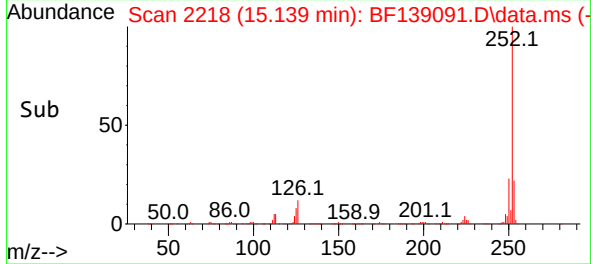
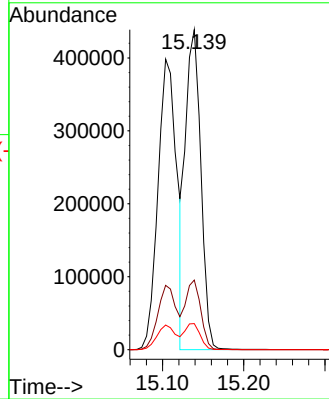
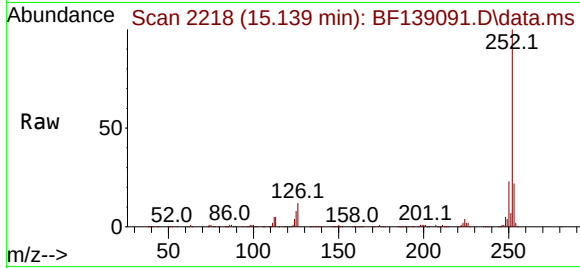
Tgt Ion:252 Resp: 575726

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 8.1 7.0 10.6



#90

Benzo(a)pyrene

Concen: 49.661 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF139091.D

Acq: 21 Aug 2024 09:49

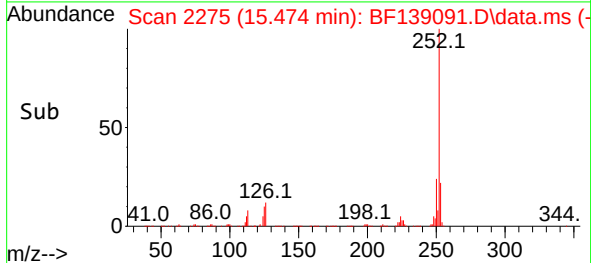
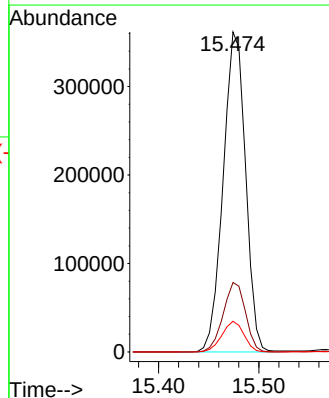
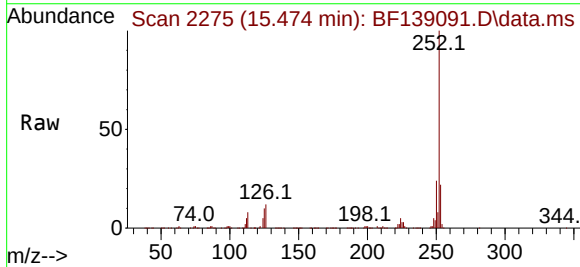
Tgt Ion:252 Resp: 561020

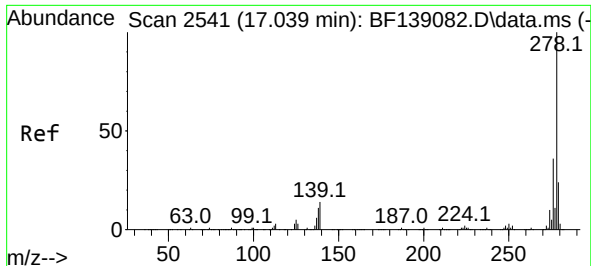
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.6 7.4 11.2

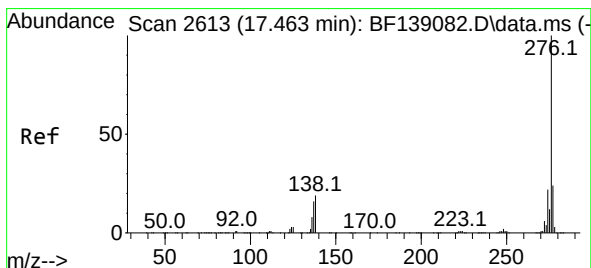
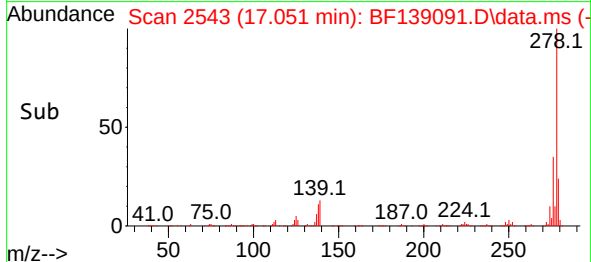
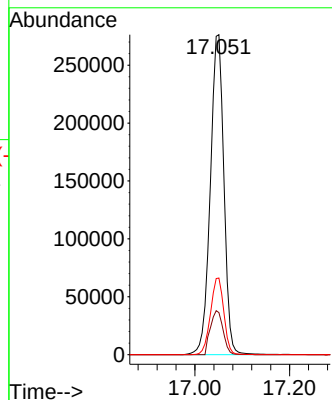
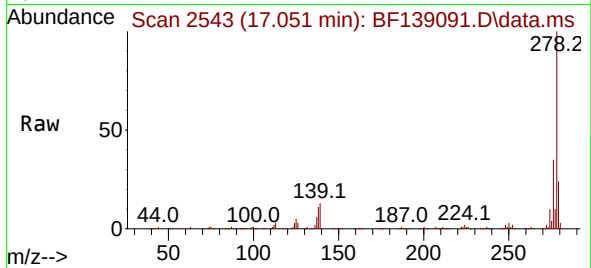




#91
Dibenzo(a,h)anthracene
Concen: 52.257 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Instrument :
BNA_F
ClientSampleId :
PB162850BS

Tgt Ion:278 Resp: 550572
Ion Ratio Lower Upper
278 100
139 13.1 10.8 16.2
279 24.0 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 42.309 ng
RT: 17.474 min Scan# 2615
Delta R.T. 0.011 min
Lab File: BF139091.D
Acq: 21 Aug 2024 09:49

Tgt Ion:276 Resp: 505039
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 18.6 15.0 22.4

