

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139550.D
 Acq On : 26 Sep 2024 16:27
 Operator : RC/JU
 Sample : PB163677BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163677BS

Quant Time: Sep 26 16:56:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	76718	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	291390	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	157795	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	273650	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	141027	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	157414	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	455807	96.924	ng	0.01
7) Phenol-d6	6.510	99	589843	95.557	ng	0.00
23) Nitrobenzene-d5	7.445	82	566637	91.418	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	145537	86.633	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1003901	89.229	ng	0.00
79) Terphenyl-d14	12.986	244	843977	98.229	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	84024	44.534	ng	96
3) Pyridine	3.481	79	225395	54.183	ng	95
4) n-Nitrosodimethylamine	3.446	42	163224	45.270	ng	# 77
6) Aniline	6.539	93	291527	62.582	ng	# 80
8) 2-Chlorophenol	6.663	128	255737	52.829	ng	99
9) Benzaldehyde	6.428	77	43034	12.067	ng	95
10) Phenol	6.528	94	329398	52.395	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	249616	52.240	ng	100
12) 1,3-Dichlorobenzene	6.822	146	271944	49.396	ng	98
13) 1,4-Dichlorobenzene	6.898	146	278393	50.040	ng	98
14) 1,2-Dichlorobenzene	7.045	146	264761	50.364	ng	98
15) Benzyl Alcohol	7.022	79	245135	49.777	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	459367	62.380	ng	93
17) 2-Methylphenol	7.134	107	203264	52.849	ng	97
18) Hexachloroethane	7.392	117	106124	50.081	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	194408	53.148	ng	97
20) 3+4-Methylphenols	7.287	107	256021	48.791	ng	# 87
22) Acetophenone	7.287	105	355698	46.693	ng	98
24) Nitrobenzene	7.463	77	298523	46.795	ng	98
25) Isophorone	7.698	82	512932	52.326	ng	99
26) 2-Nitrophenol	7.775	139	134893	54.275	ng	91
27) 2,4-Dimethylphenol	7.816	122	203443	62.055	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	294380	52.692	ng	99
29) 2,4-Dichlorophenol	8.022	162	212173	50.944	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	228312	47.048	ng	99
31) Naphthalene	8.181	128	756138	49.706	ng	99
32) Benzoic acid	7.939	122	143548	46.788	ng	92
33) 4-Chloroaniline	8.233	127	112704	24.218	ng	95
34) Hexachlorobutadiene	8.298	225	150506	45.651	ng	99
35) Caprolactam	8.604	113	52941	41.323	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	231096	48.551	ng	95
37) 2-Methylnaphthalene	8.875	142	486413	50.376	ng	97
38) 1-Methylnaphthalene	8.975	142	448706	47.334	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	229499	49.074	ng	98
41) Hexachlorocyclopentadiene	9.028	237	281551	172.429	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	152987	50.283	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139550.D
 Acq On : 26 Sep 2024 16:27
 Operator : RC/JU
 Sample : PB163677BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

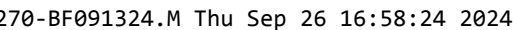
Instrument :
 BNA_F
 ClientSampleId :
 PB163677BS

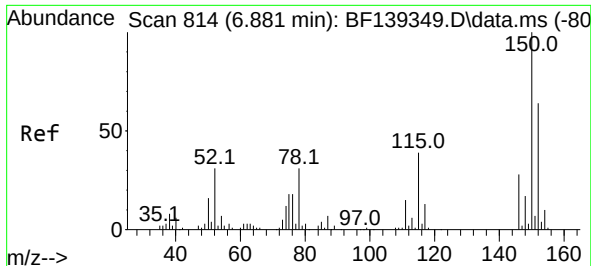
Quant Time: Sep 26 16:56:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	160556	50.027	ng	97
46) 1,1'-Biphenyl	9.339	154	593968	48.928	ng	99
47) 2-Chloronaphthalene	9.363	162	449119	49.480	ng	100
48) 2-Nitroaniline	9.463	65	164340	48.678	ng	95
49) Acenaphthylene	9.780	152	732546	53.614	ng	100
50) Dimethylphthalate	9.639	163	527386	50.922	ng	100
51) 2,6-Dinitrotoluene	9.704	165	116202	50.647	ng	89
52) Acenaphthene	9.951	154	465410	48.806	ng	100
53) 3-Nitroaniline	9.869	138	79577	34.705	ng	89
54) 2,4-Dinitrophenol	9.980	184	133467	104.397	ng	# 86
55) Dibenzofuran	10.122	168	657178	49.444	ng	96
56) 4-Nitrophenol	10.039	139	166202	87.600	ng	# 81
57) 2,4-Dinitrotoluene	10.104	165	155138	50.084	ng	98
58) Fluorene	10.463	166	521627	48.101	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	132495	49.906	ng	96
60) Diethylphthalate	10.339	149	521356	48.781	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	249104	47.265	ng	95
62) 4-Nitroaniline	10.486	138	115850	46.294	ng	# 85
63) Azobenzene	10.616	77	533082	50.712	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	83643	57.913	ng	90
66) n-Nitrosodiphenylamine	10.575	169	444458	55.553	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	147425	54.364	ng	98
68) Hexachlorobenzene	11.010	284	164386	51.651	ng	99
69) Atrazine	11.104	200	138347	72.635	ng	99
70) Pentachlorophenol	11.210	266	179434	93.958	ng	99
71) Phenanthrene	11.427	178	703100	53.255	ng	99
72) Anthracene	11.480	178	712603	55.205	ng	99
73) Carbazole	11.633	167	608538	49.256	ng	99
74) Di-n-butylphthalate	11.957	149	710117	51.598	ng	99
75) Fluoranthene	12.616	202	647259	45.908	ng	98
77) Benzidine	12.739	184	219934	108.851	ng	99
78) Pyrene	12.845	202	657905	54.332	ng	100
80) Butylbenzylphthalate	13.457	149	226361	54.920	ng	97
81) Benzo(a)anthracene	14.027	228	493342	52.811	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	121888	44.555	ng	98
83) Chrysene	14.068	228	473184	55.058	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	276633	52.759	ng	100
85) Di-n-octyl phthalate	14.627	149	463322	60.001	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	533603	57.007	ng	96
88) Benzo(b)fluoranthene	15.080	252	506753	52.198	ng	# 99
89) Benzo(k)fluoranthene	15.110	252	426384	47.634	ng	# 98
90) Benzo(a)pyrene	15.451	252	459262	57.040	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	433005	55.983	ng	98
92) Benzo(g,h,i)perylene	17.445	276	397246	51.871	ng	# 96

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

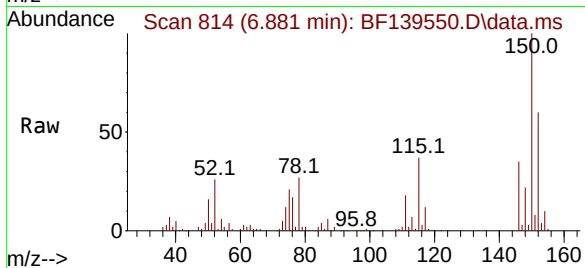
Quant Time: Sep 26 16:56:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



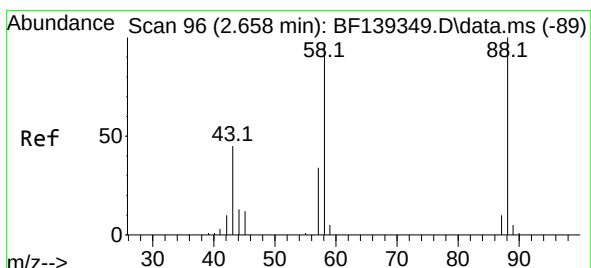
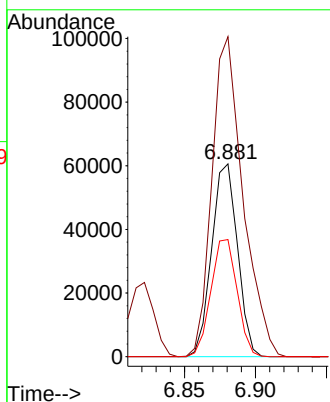
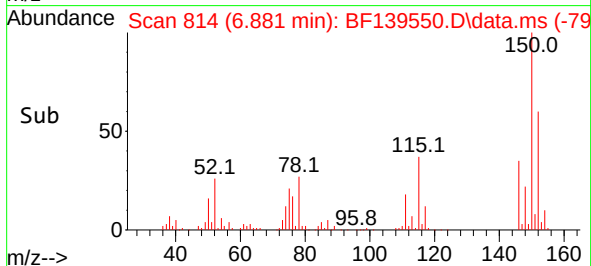


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139550.D
 Acq: 26 Sep 2024 16:27

Instrument :
 BNA_F
 ClientSampleId :
 PB163677BS

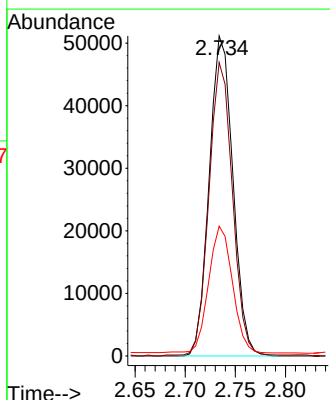
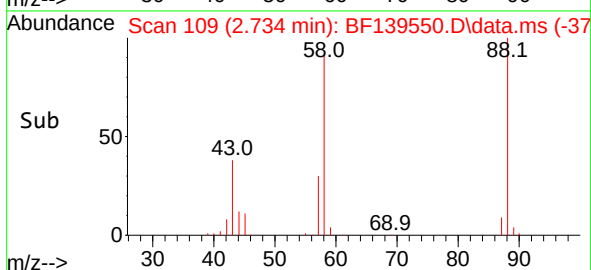
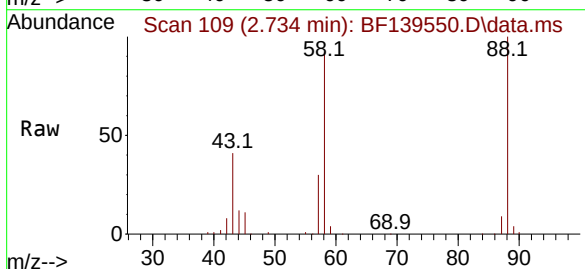


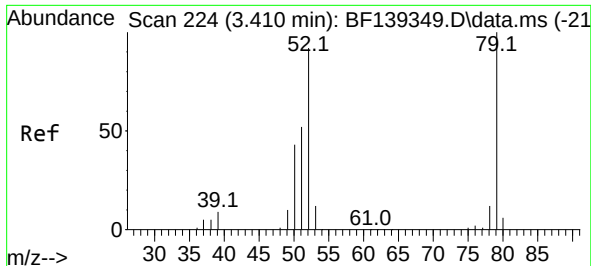
Tgt Ion:152 Resp: 76718
 Ion Ratio Lower Upper
 152 100
 150 166.0 124.1 186.1
 115 60.7 48.1 72.1



#2
 1,4-Dioxane
 Concen: 44.534 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.076 min
 Lab File: BF139550.D
 Acq: 26 Sep 2024 16:27

Tgt Ion: 88 Resp: 84024
 Ion Ratio Lower Upper
 88 100
 58 91.4 74.8 112.2
 43 39.9 36.4 54.6





#3

Pyridine

Concen: 54.183 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.070 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

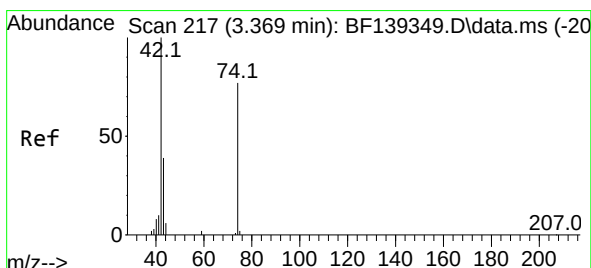
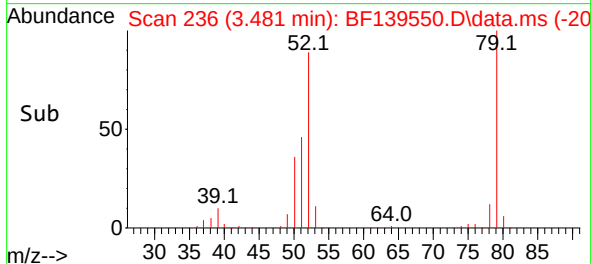
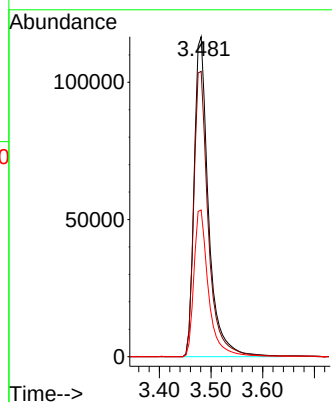
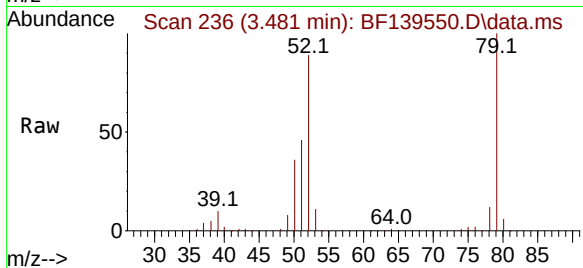
Tgt Ion: 79 Resp: 225395

Ion Ratio Lower Upper

79 100

52 89.2 73.8 110.8

51 45.9 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 45.270 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.076 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

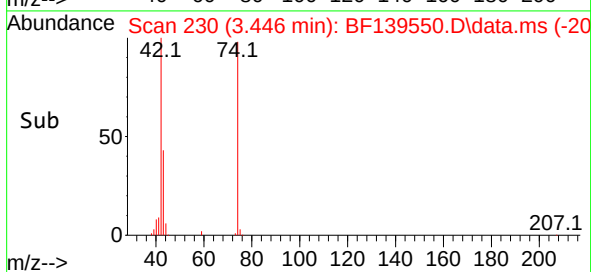
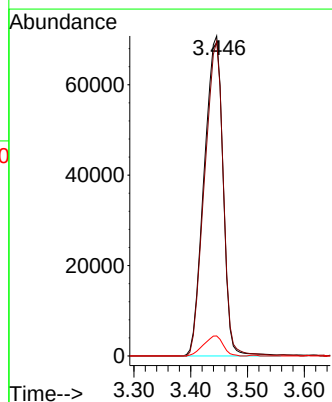
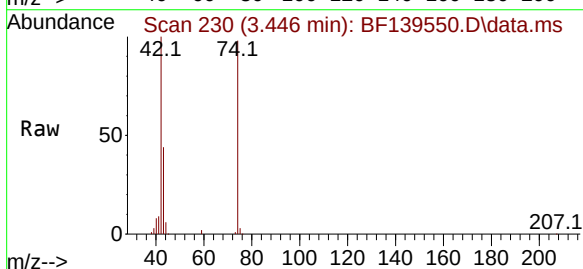
Tgt Ion: 42 Resp: 163224

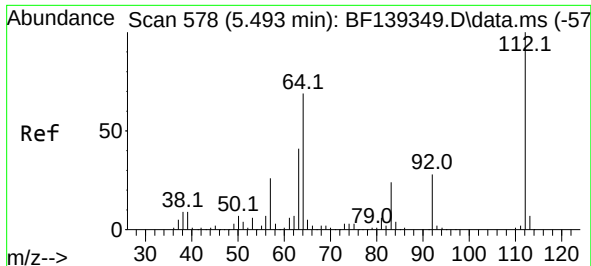
Ion Ratio Lower Upper

42 100

74 98.3 61.8 92.8#

44 6.3 4.8 7.2

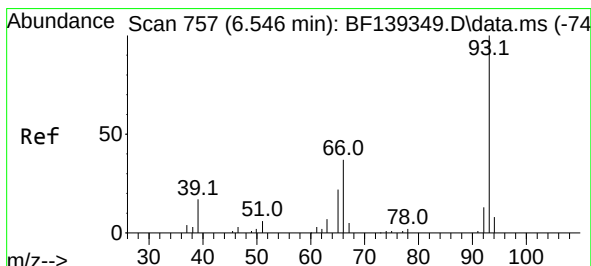
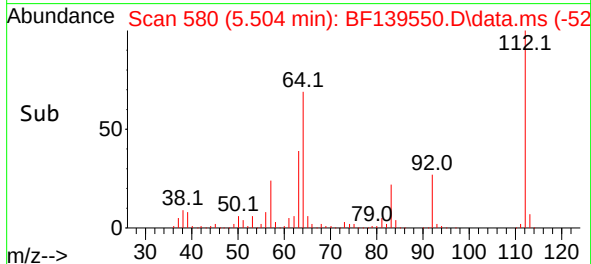
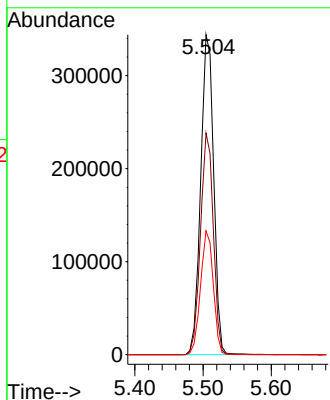
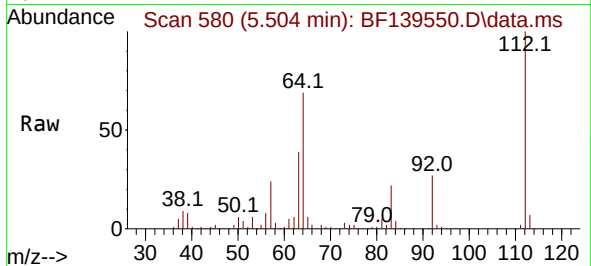




#5
2-Fluorophenol
Concen: 96.924 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

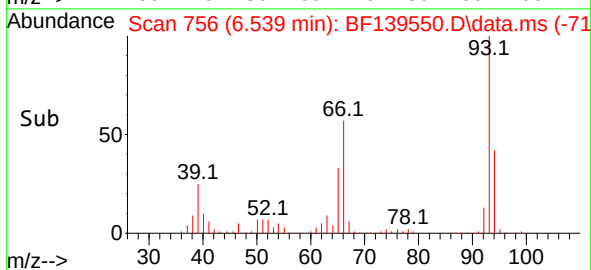
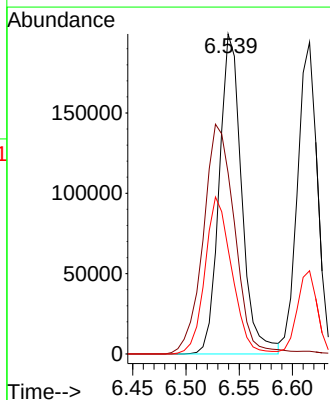
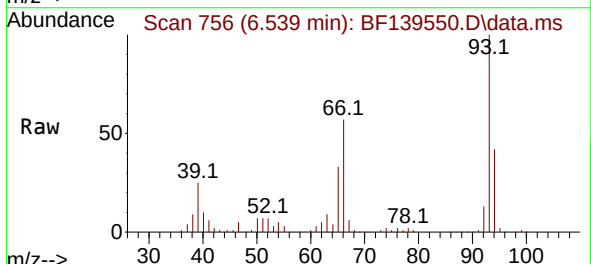
Instrument :
BNA_F
ClientSampleId :
PB163677BS

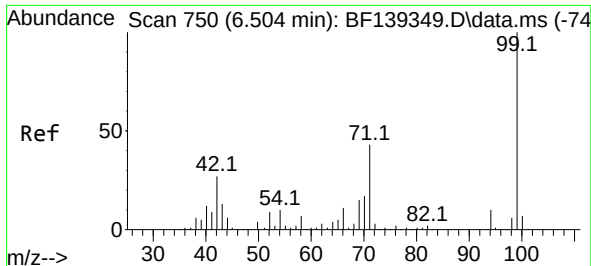
Tgt Ion:112 Resp: 455807
Ion Ratio Lower Upper
112 100
64 69.2 54.8 82.2
63 38.7 33.0 49.4



#6
Aniline
Concen: 62.582 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.030 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion: 93 Resp: 291527
Ion Ratio Lower Upper
93 100
66 56.6 35.4 53.0#
65 32.8 18.2 27.4#





#7

Phenol-d6

Concen: 95.557 ng

RT: 6.510 min Scan# 710

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

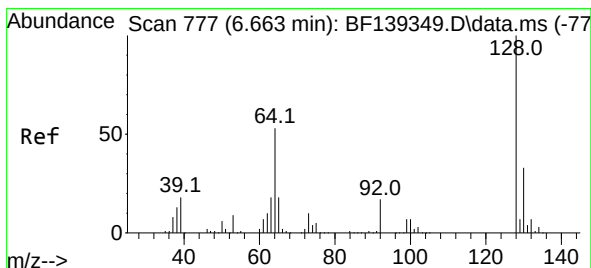
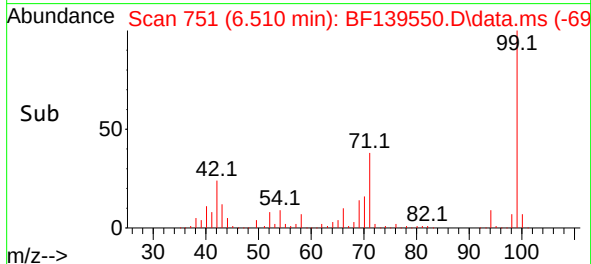
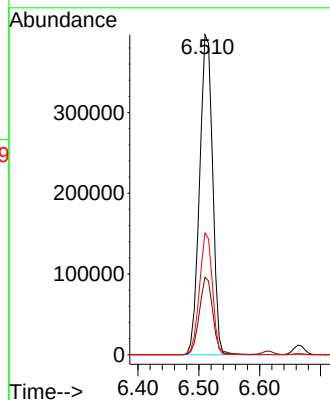
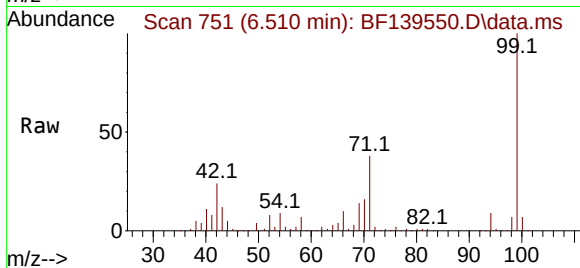
Tgt Ion: 99 Resp: 589843

Ion Ratio Lower Upper

99 100

42 24.2 21.9 32.9

71 38.0 34.6 52.0



#8

2-Chlorophenol

Concen: 52.829 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

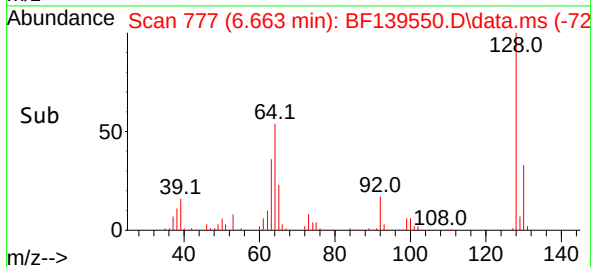
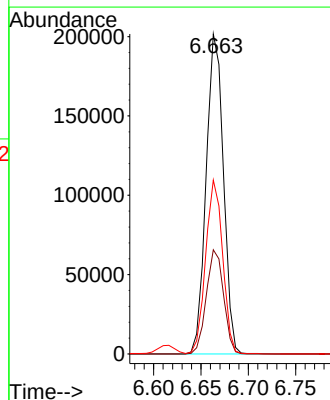
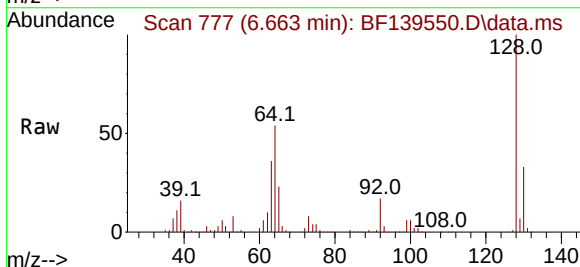
Tgt Ion:128 Resp: 255737

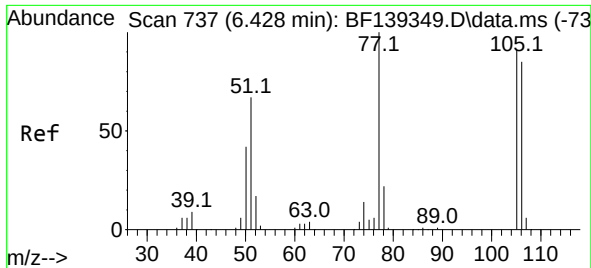
Ion Ratio Lower Upper

128 100

130 32.6 12.8 52.8

64 54.4 35.1 75.1





#9

Benzaldehyde

Concen: 12.067 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

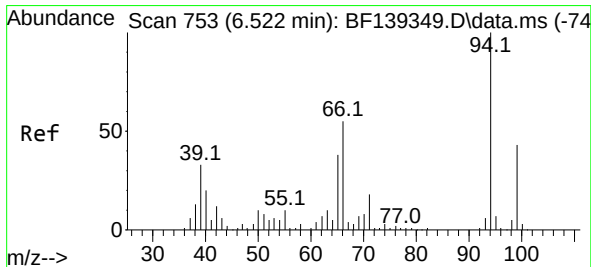
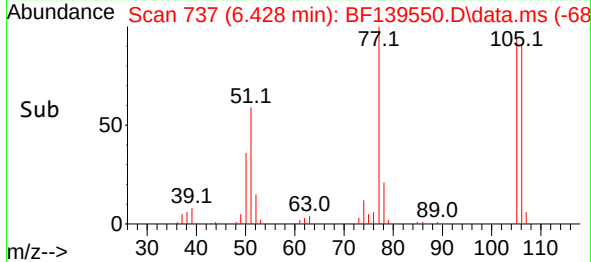
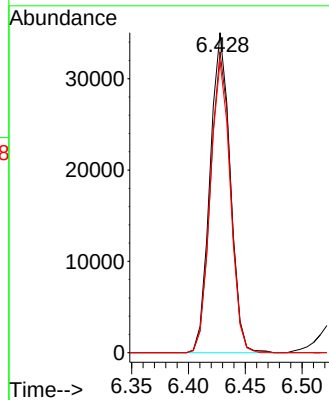
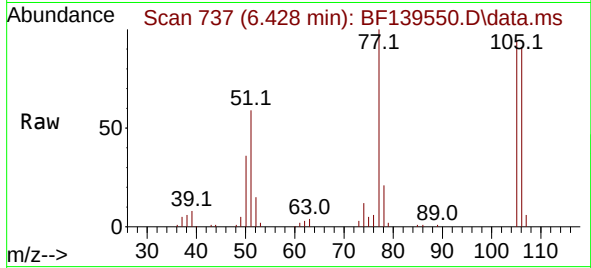
Tgt Ion: 77 Resp: 43034

Ion Ratio Lower Upper

77 100

105 93.9 71.0 111.0

106 91.0 64.9 104.9



#10

Phenol

Concen: 52.395 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

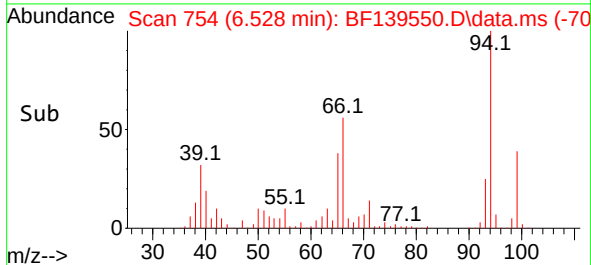
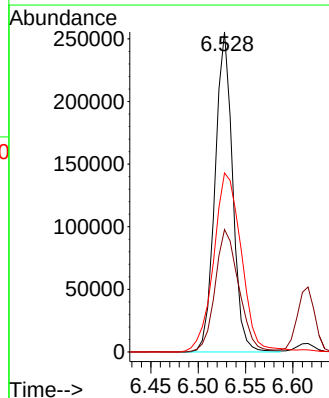
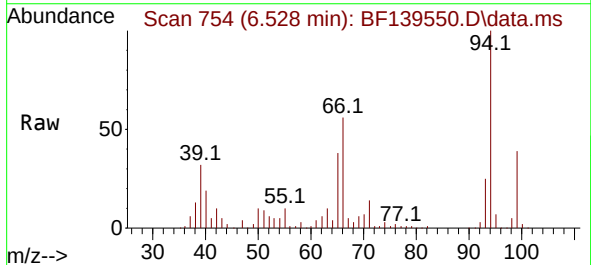
Tgt Ion: 94 Resp: 329398

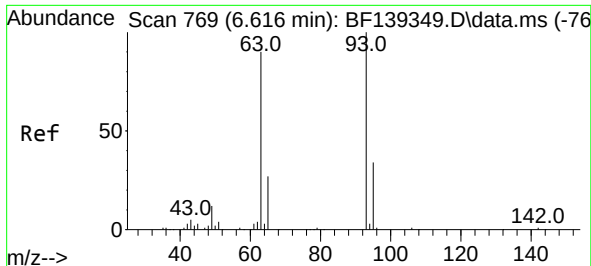
Ion Ratio Lower Upper

94 100

65 38.2 17.6 57.6

66 55.9 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 52.240 ng

RT: 6.616 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

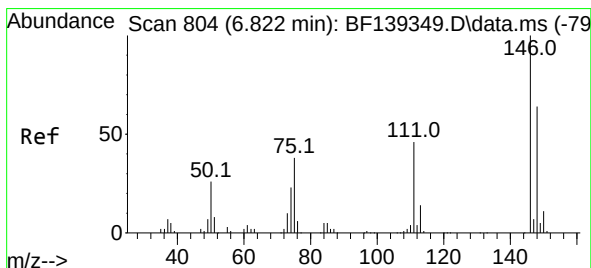
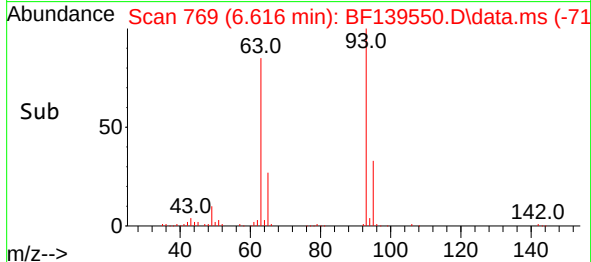
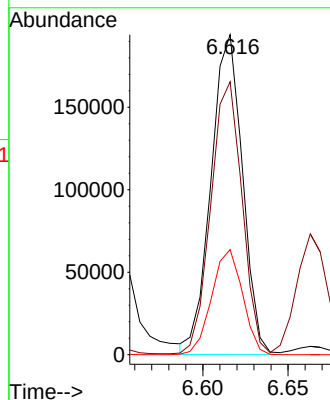
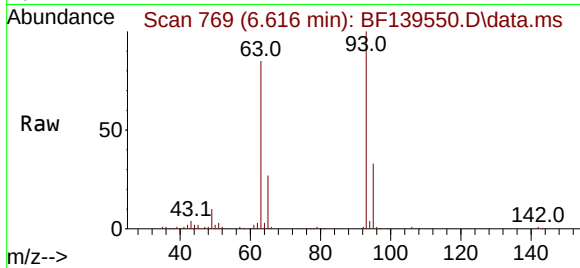
BNA_F

ClientSampleId :

PB163677BS

Tgt Ion: 93 Resp: 249616

Ion	Ratio	Lower	Upper
93	100		
63	85.3	65.3	105.3
95	32.9	12.4	52.4



#12

1,3-Dichlorobenzene

Concen: 49.396 ng

RT: 6.822 min Scan# 804

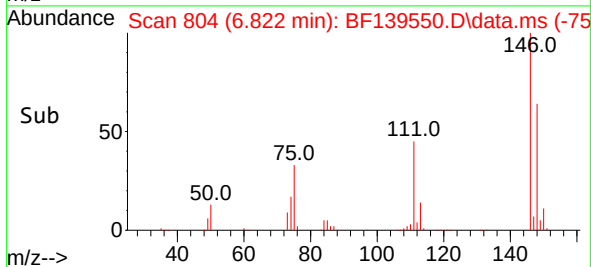
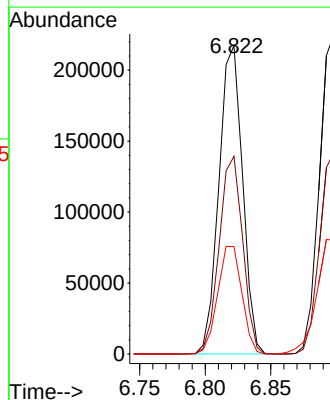
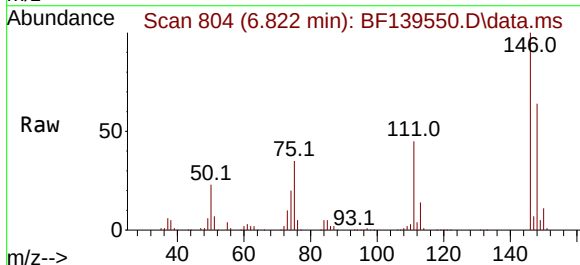
Delta R.T. -0.000 min

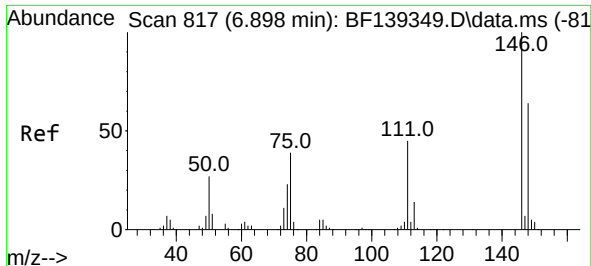
Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Tgt Ion: 146 Resp: 271944

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
75	34.8	30.6	46.0

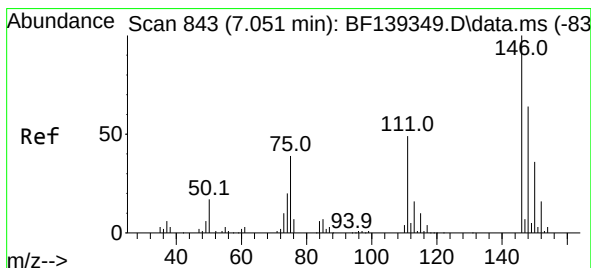
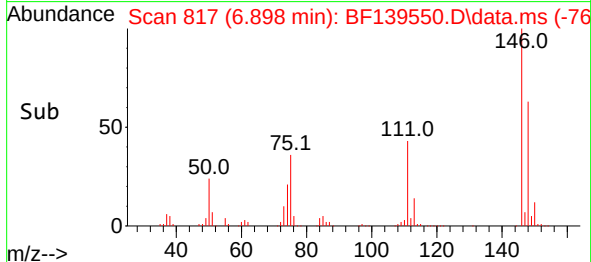
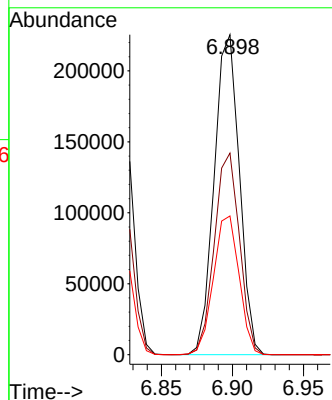
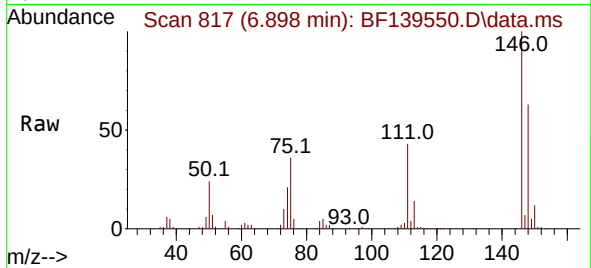




#13
1,4-Dichlorobenzene
Concen: 50.040 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

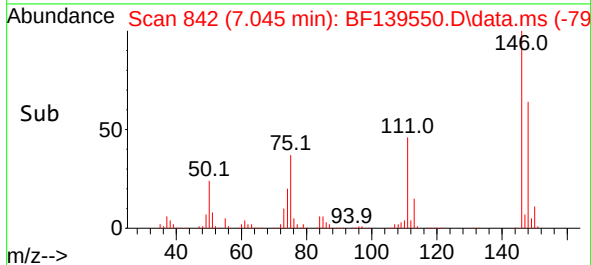
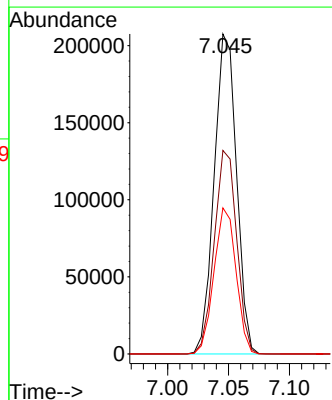
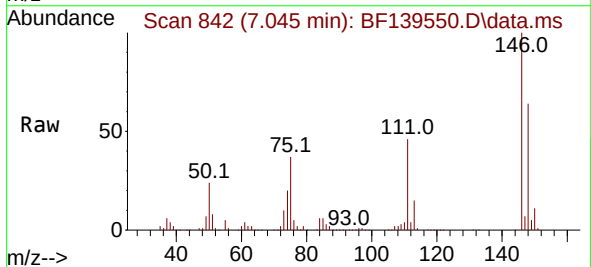
Instrument :
BNA_F
ClientSampleId :
PB163677BS

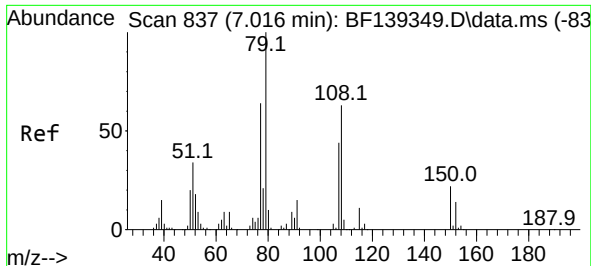
Tgt Ion:146 Resp: 278393
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
111 43.4 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 50.364 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:146 Resp: 264761
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
111 45.7 38.9 58.3

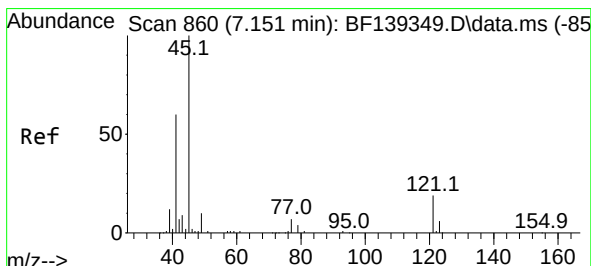
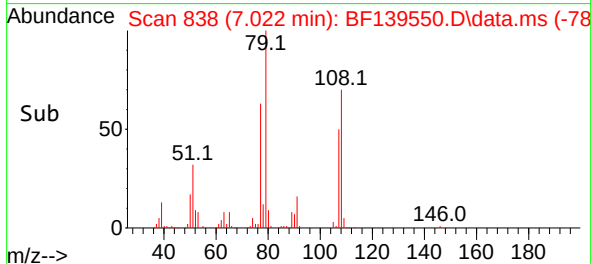
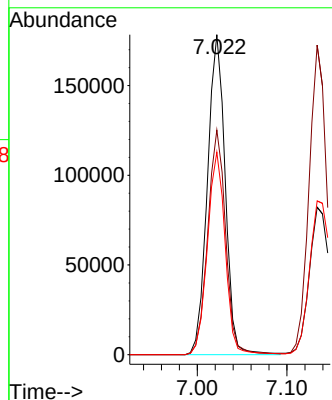
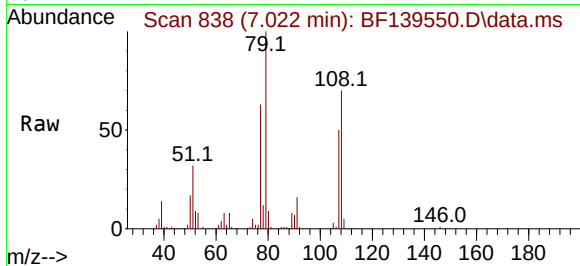




#15
Benzyl Alcohol
Concen: 49.777 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

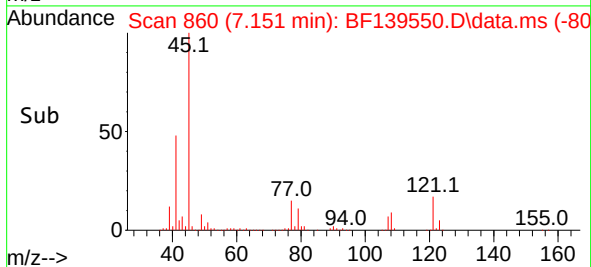
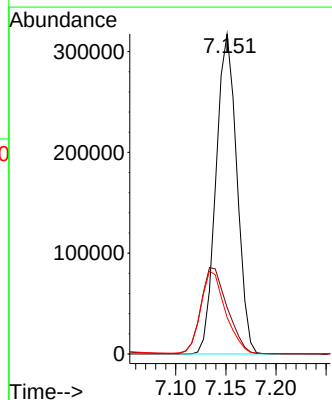
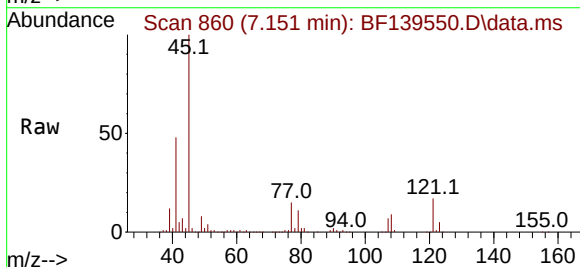
Instrument :
BNA_F
ClientSampleId :
PB163677BS

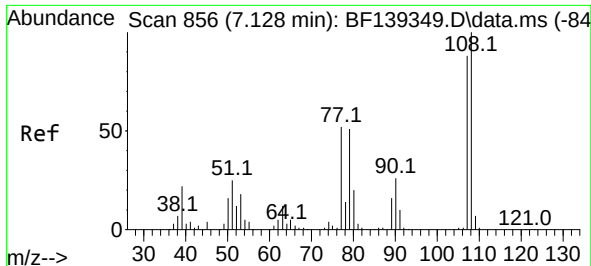
Tgt Ion: 79 Resp: 245135
Ion Ratio Lower Upper
79 100
108 70.2 50.4 75.6
77 63.3 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 62.380 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion: 45 Resp: 459367
Ion Ratio Lower Upper
45 100
77 14.5 0.0 32.0
79 11.5 0.0 29.1





#17
2-Methylphenol
Concen: 52.849 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

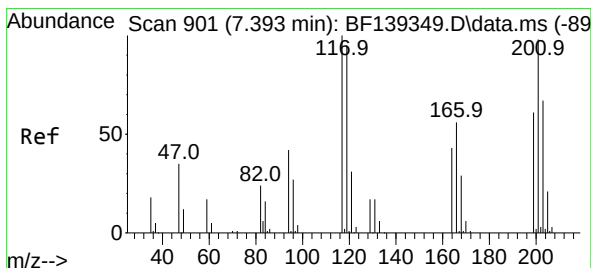
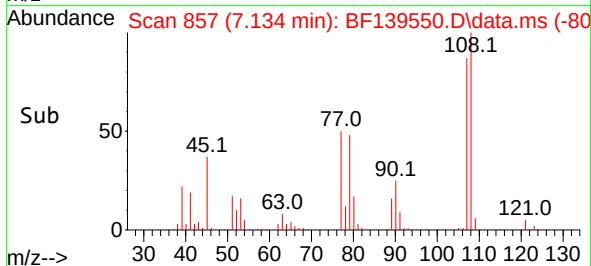
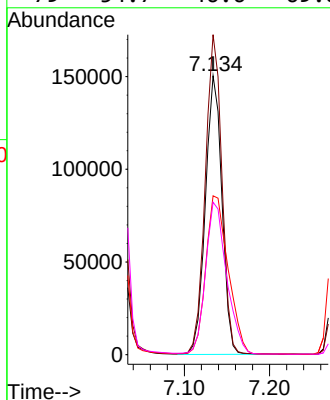
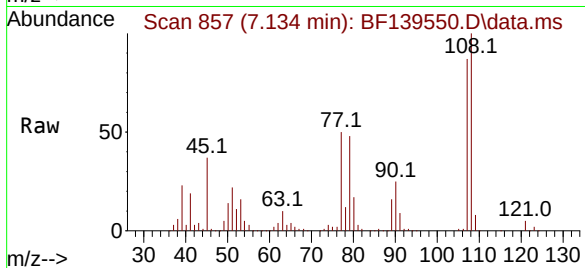
Instrument :

BNA_F

ClientSampleId :

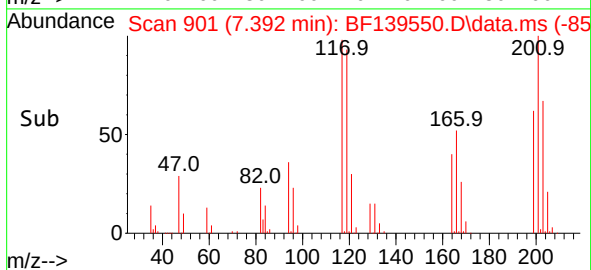
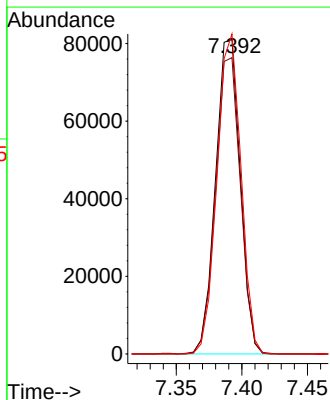
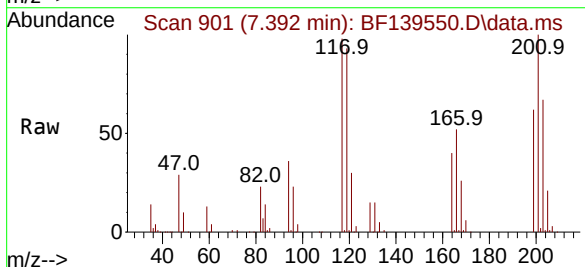
PB163677BS

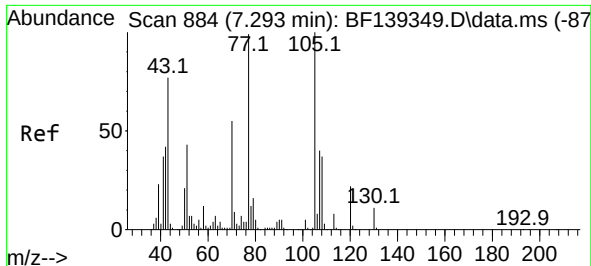
Tgt Ion:107 Resp: 203264
Ion Ratio Lower Upper
107 100
108 114.7 90.5 135.7
77 57.0 47.1 70.7
79 54.7 46.6 69.8



#18
Hexachloroethane
Concen: 50.081 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:117 Resp: 106124
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.8
201 101.8 78.6 118.0

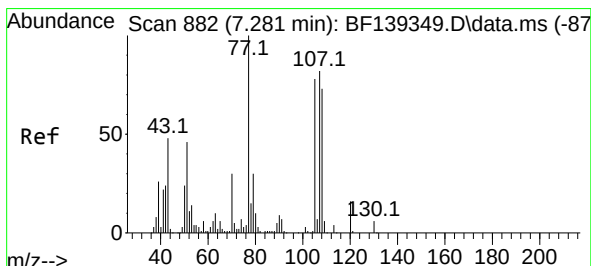
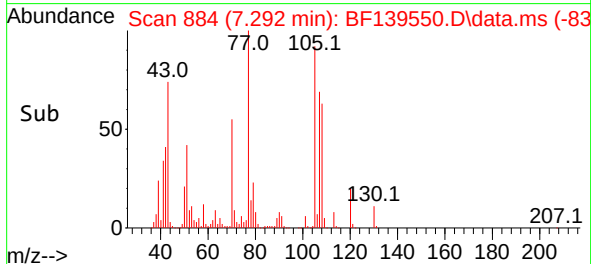
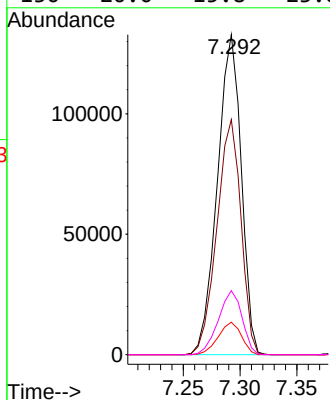
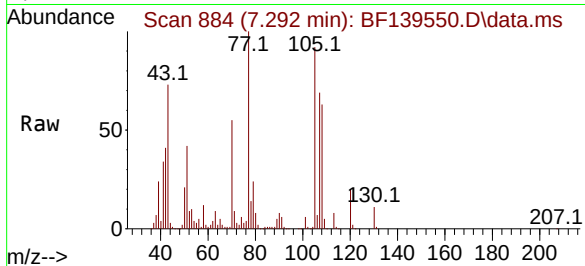




#19
n-Nitroso-di-n-propylamine
Concen: 53.148 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

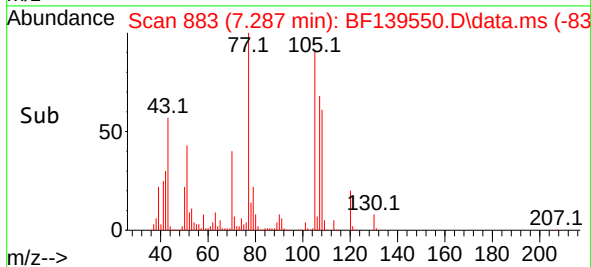
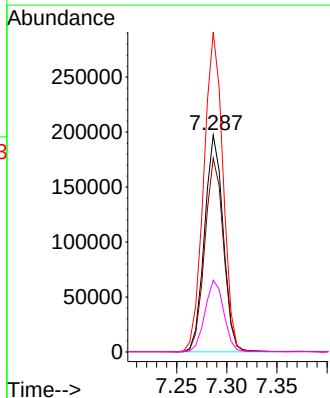
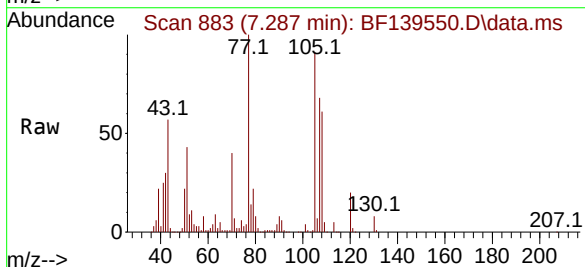
Instrument :
BNA_F
ClientSampleId :
PB163677BS

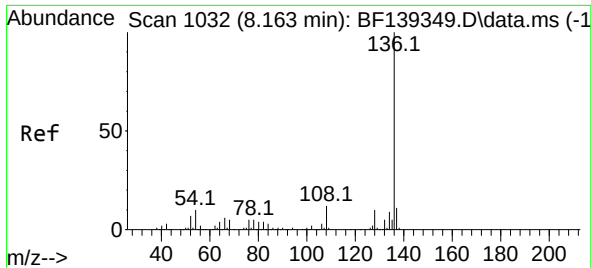
Tgt Ion: 70 Resp: 194408
Ion Ratio Lower Upper
70 100
42 73.5 61.2 91.8
101 10.1 7.5 11.3
130 20.0 15.8 23.8



#20
3+4-Methylphenols
Concen: 48.791 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:107 Resp: 256021
Ion Ratio Lower Upper
107 100
108 89.4 68.6 108.6
77 147.5 101.6 141.6#
79 33.1 16.3 56.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

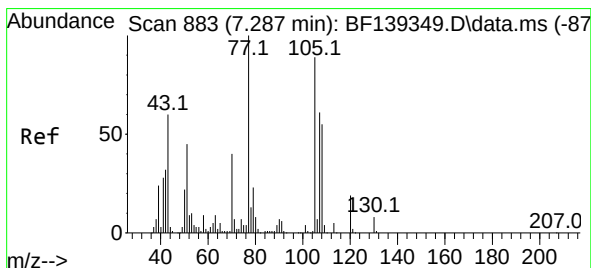
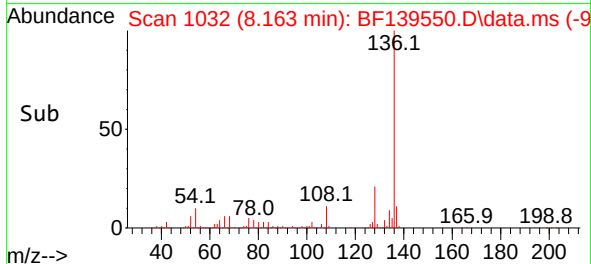
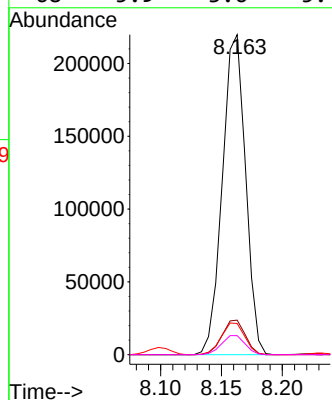
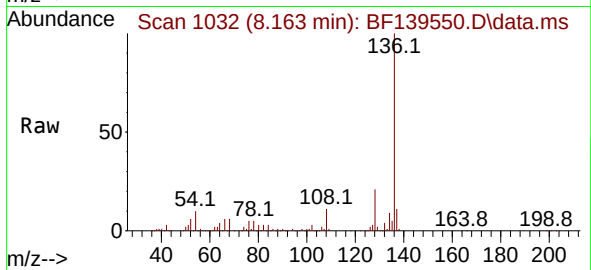
Instrument :

BNA_F

ClientSampleId :

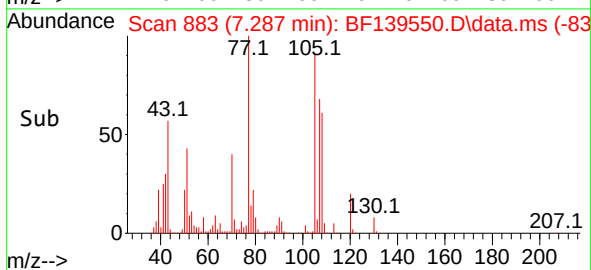
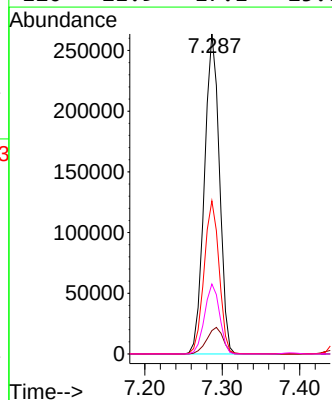
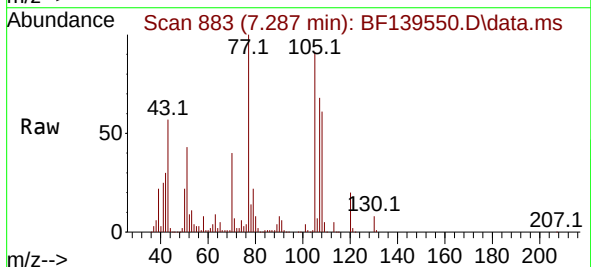
PB163677BS

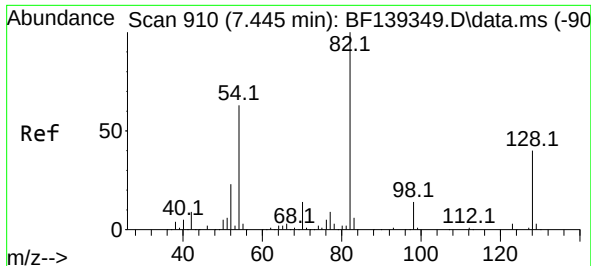
Tgt Ion:136 Resp: 291390
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.8 7.8 11.8
68 5.9 3.6 5.4#



#22
Acetophenone
Concen: 46.693 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:105 Resp: 355698
Ion Ratio Lower Upper
105 100
71 7.3 5.9 8.9
51 47.9 40.0 60.0
120 21.9 17.1 25.7





#23

Nitrobenzene-d5

Concen: 91.418 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

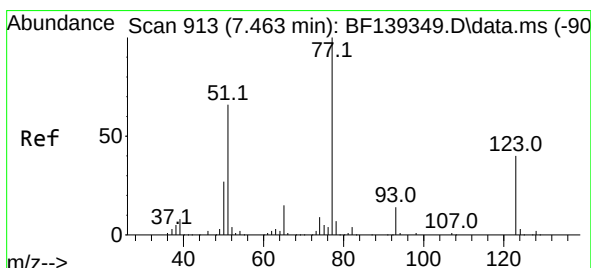
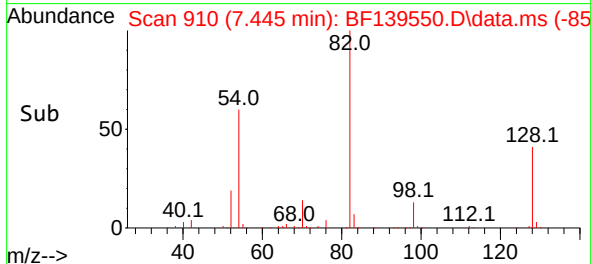
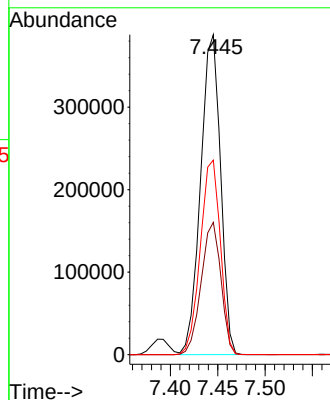
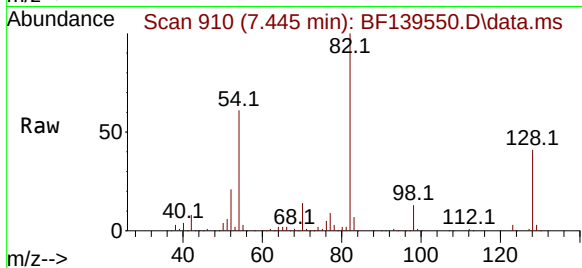
Tgt Ion: 82 Resp: 566637

Ion Ratio Lower Upper

82 100

128 41.4 31.8 47.6

54 60.8 50.6 75.8



#24

Nitrobenzene

Concen: 46.795 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

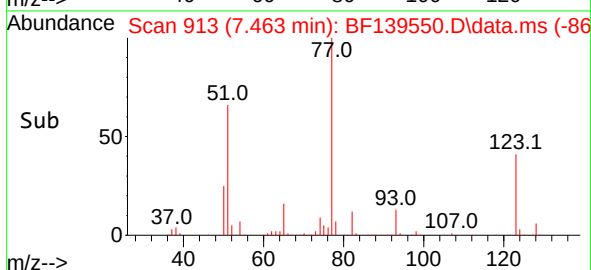
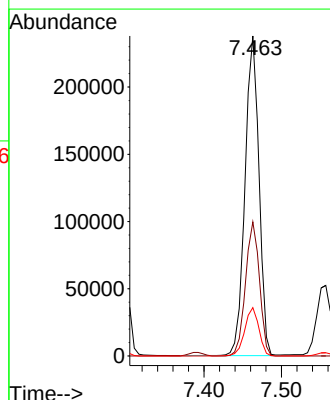
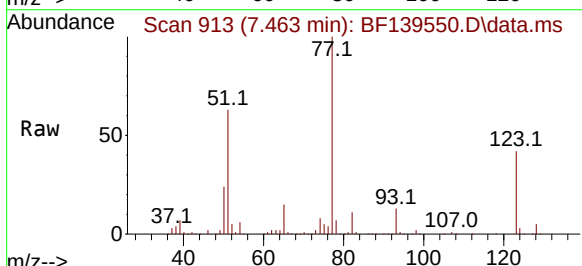
Tgt Ion: 77 Resp: 298523

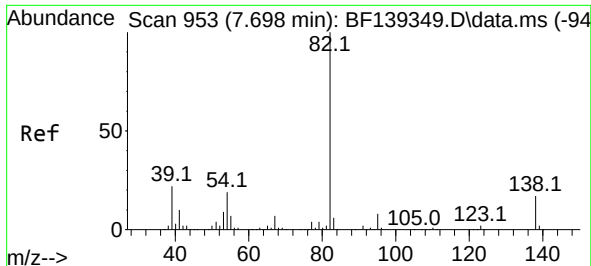
Ion Ratio Lower Upper

77 100

123 41.9 32.2 48.4

65 15.1 12.2 18.4

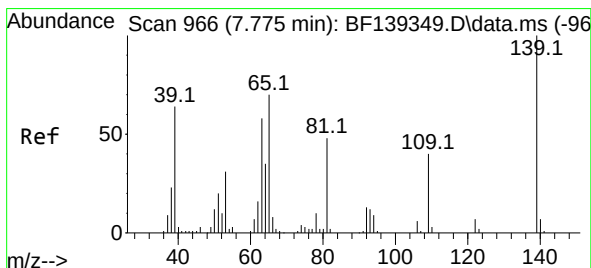
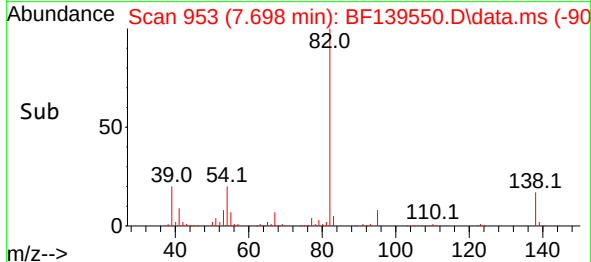
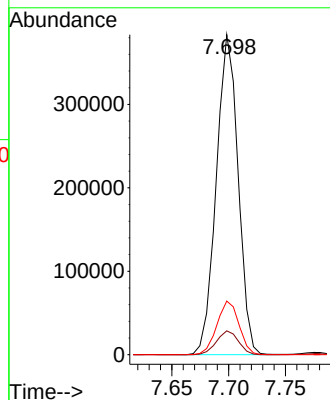
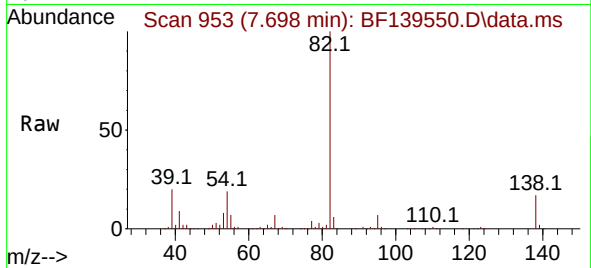




#25
Isophorone
Concen: 52.326 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

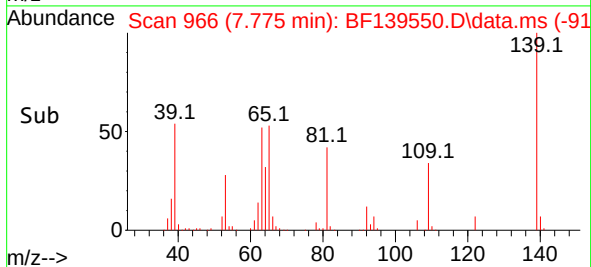
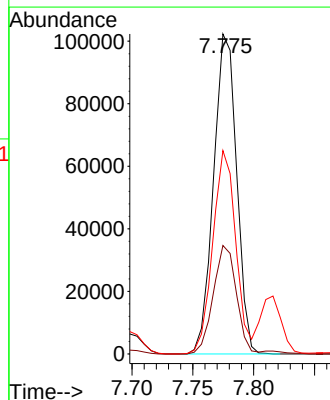
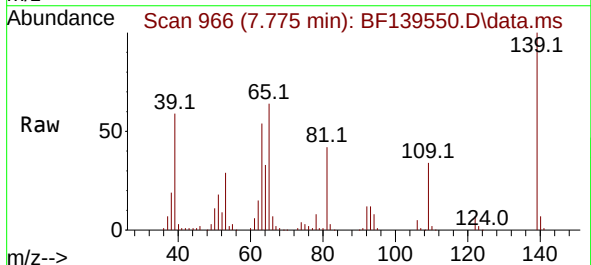
Instrument :
BNA_F
ClientSampleId :
PB163677BS

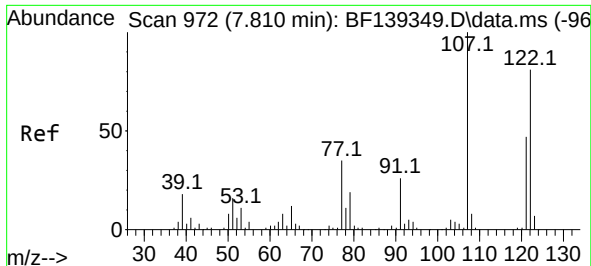
Tgt Ion: 82 Resp: 512932
Ion Ratio Lower Upper
82 100
95 7.4 6.7 10.1
138 16.8 13.3 19.9



#26
2-Nitrophenol
Concen: 54.275 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:139 Resp: 134893
Ion Ratio Lower Upper
139 100
109 33.9 32.2 48.2
65 63.6 55.8 83.8

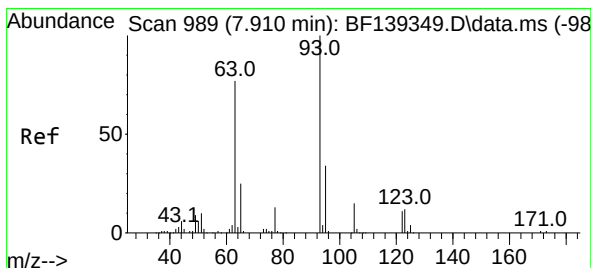
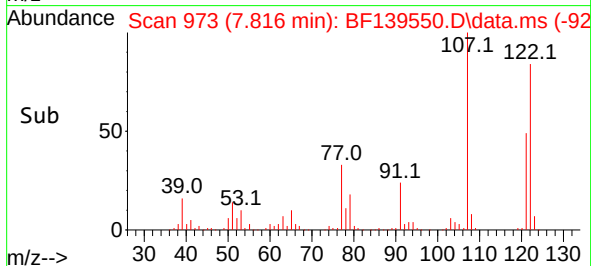
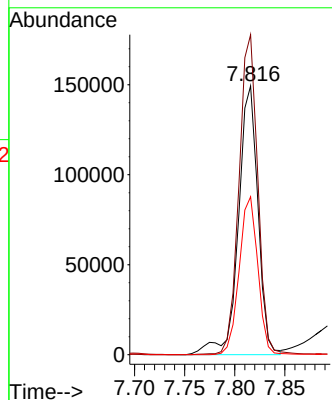
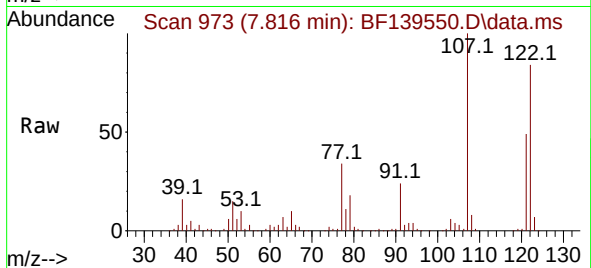




#27
2,4-Dimethylphenol
Concen: 62.055 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

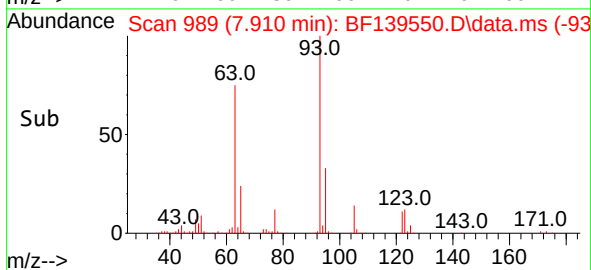
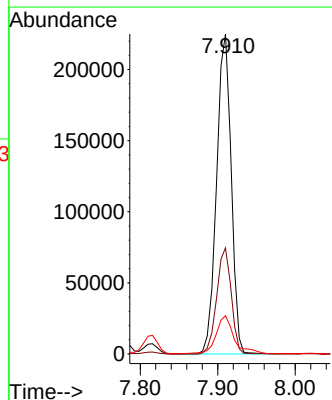
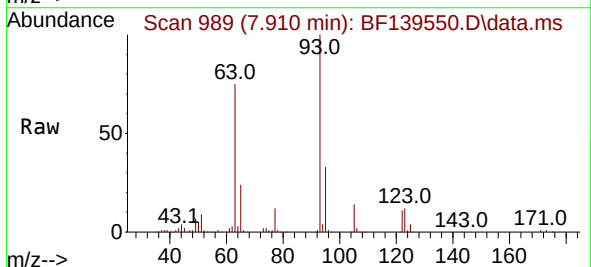
Instrument :
BNA_F
ClientSampleId :
PB163677BS

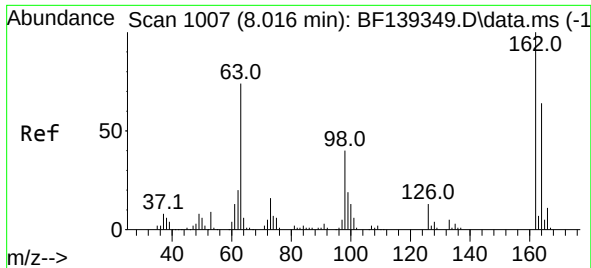
Tgt Ion:122 Resp: 203443
Ion Ratio Lower Upper
122 100
107 119.1 99.1 148.7
121 58.8 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 52.692 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion: 93 Resp: 294380
Ion Ratio Lower Upper
93 100
95 33.2 26.9 40.3
123 12.0 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 50.944 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

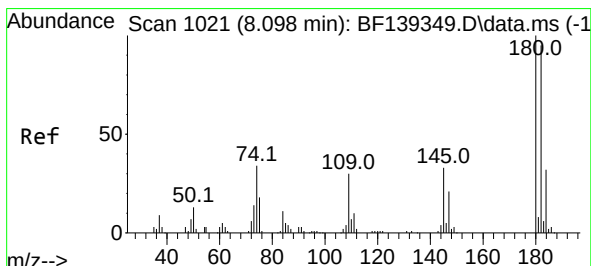
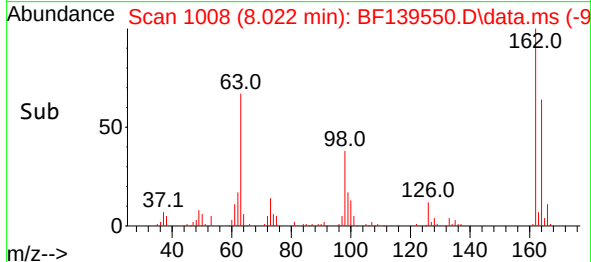
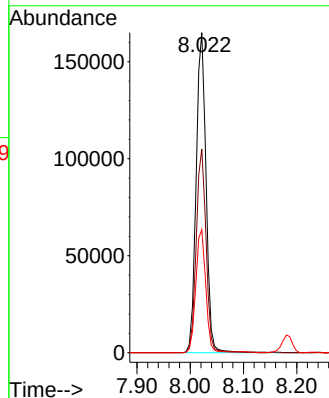
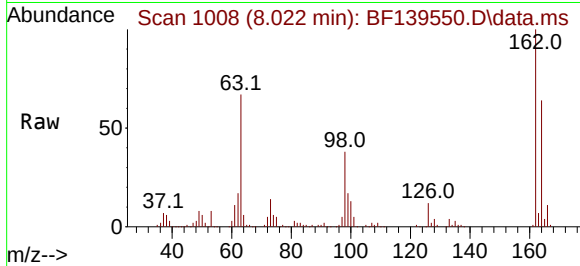
Tgt Ion:162 Resp: 212173

Ion Ratio Lower Upper

162 100

164 63.7 43.6 83.6

98 38.5 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 47.048 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

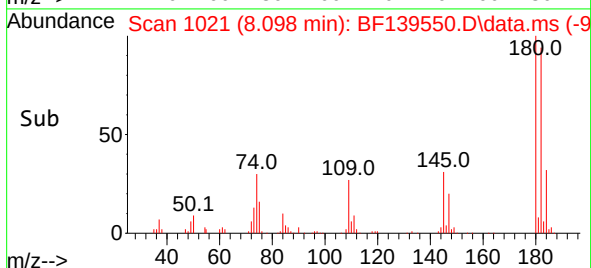
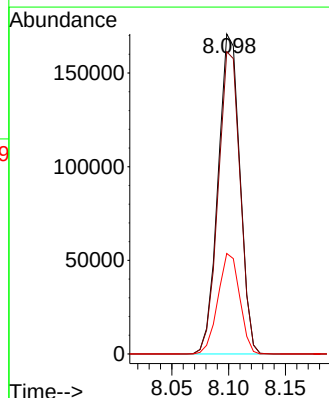
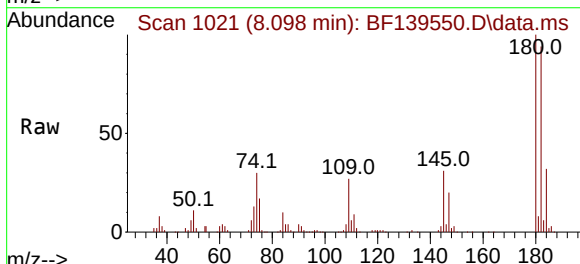
Tgt Ion:180 Resp: 228312

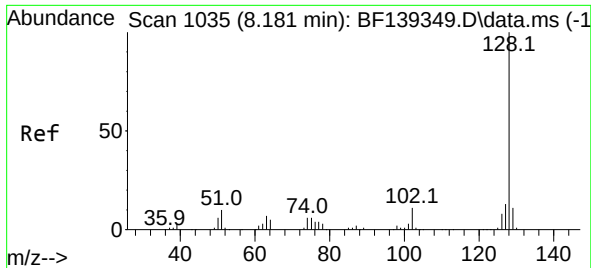
Ion Ratio Lower Upper

180 100

182 94.5 75.7 113.5

145 31.4 26.5 39.7

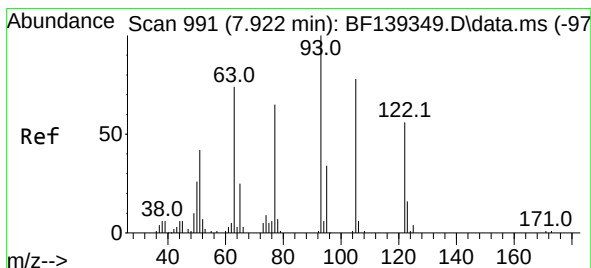
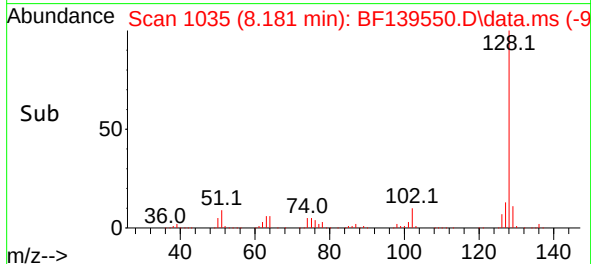
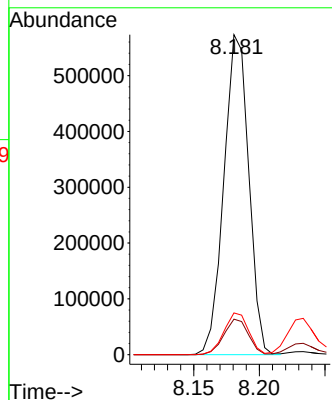
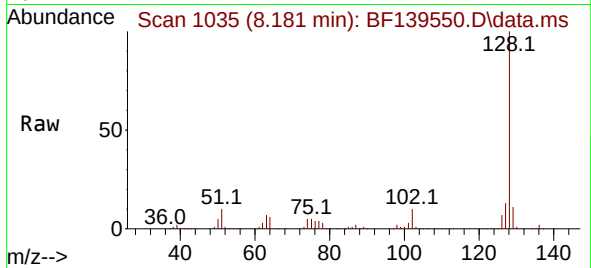




#31
Naphthalene
Concen: 49.706 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

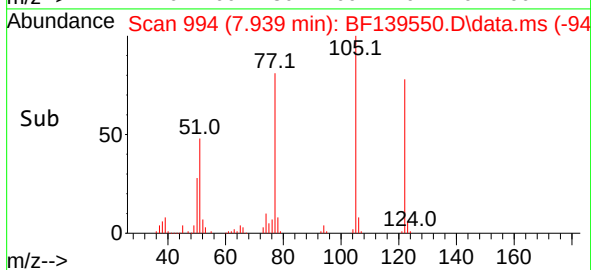
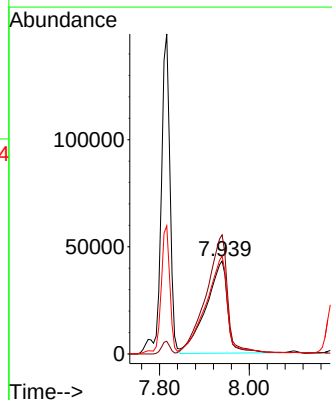
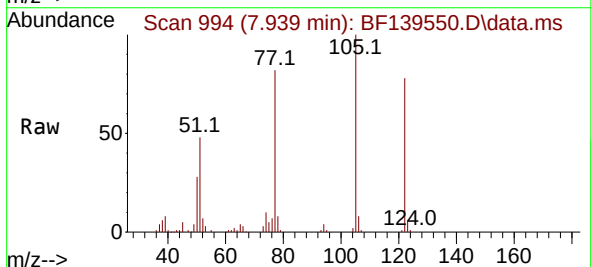
Instrument :
BNA_F
ClientSampleId :
PB163677BS

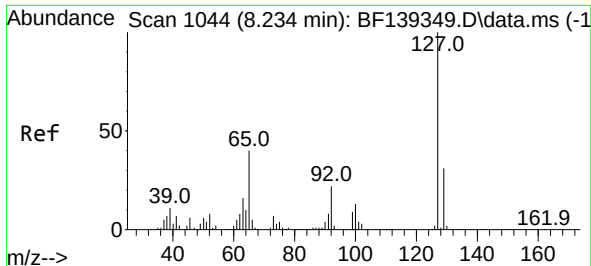
Tgt Ion:128 Resp: 756138
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 46.788 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:122 Resp: 143548
Ion Ratio Lower Upper
122 100
105 128.1 117.1 157.1
77 105.2 95.4 135.4

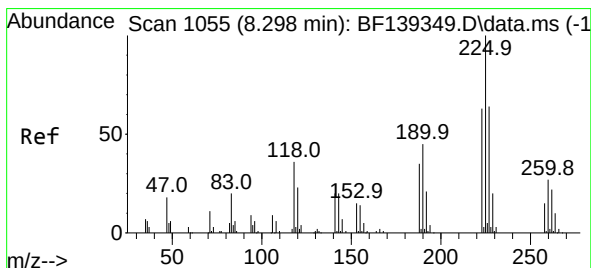
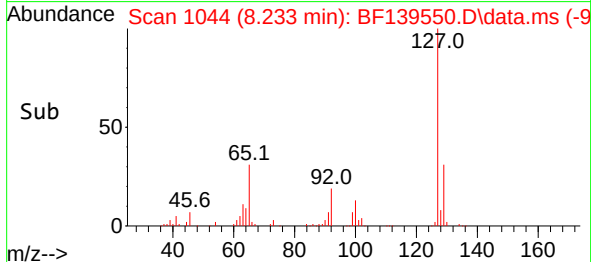
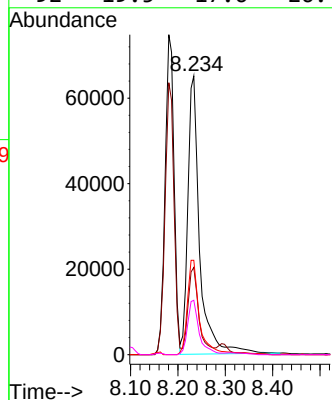
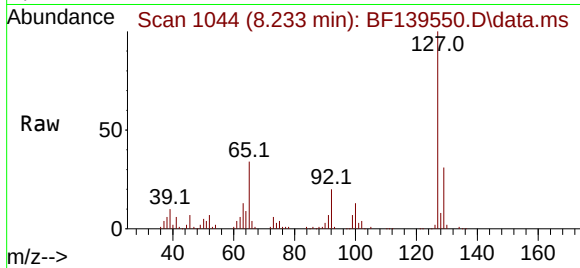




#33
4-Chloroaniline
Concen: 24.218 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

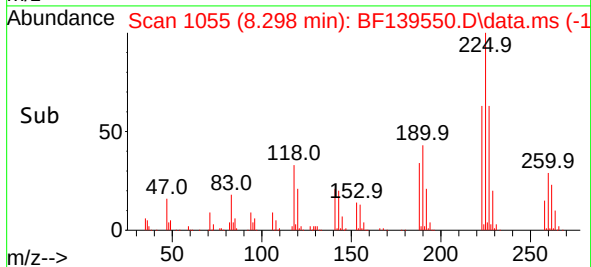
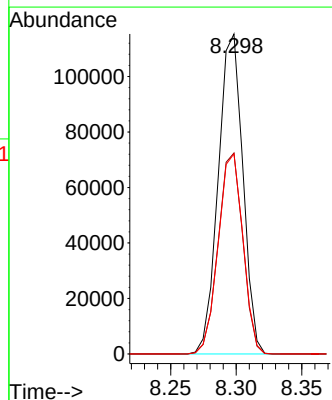
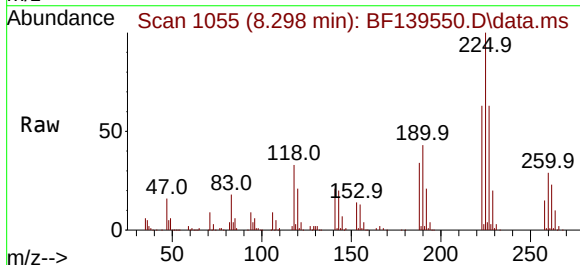
Instrument :
BNA_F
ClientSampleId :
PB163677BS

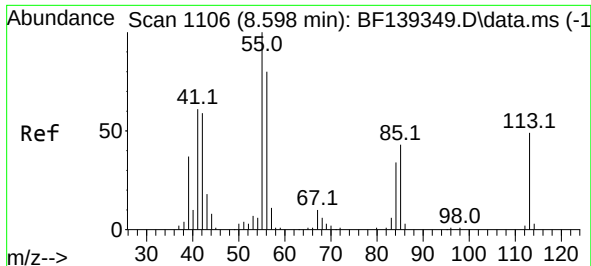
Tgt Ion:	127	Resp:	112704
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.5	38.3
65	33.9	31.5	47.3
92	19.5	17.6	26.4



#34
Hexachlorobutadiene
Concen: 45.651 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:	225	Resp:	150506
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.1	75.1
227	62.6	51.0	76.6





#35

Caprolactam

Concen: 41.323 ng

RT: 8.604 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

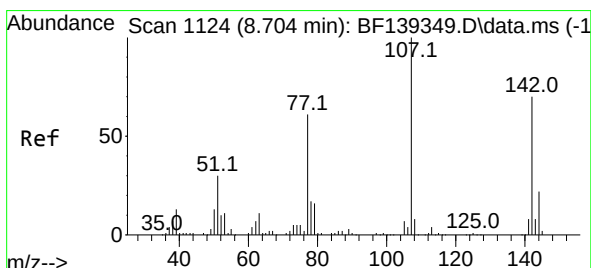
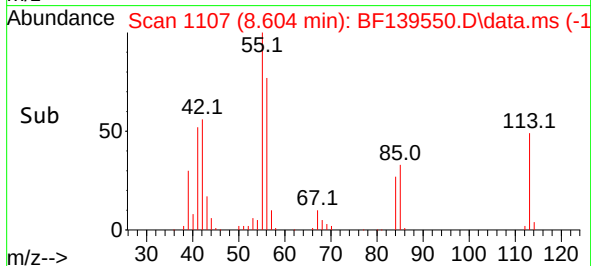
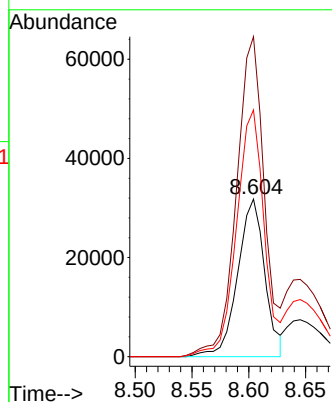
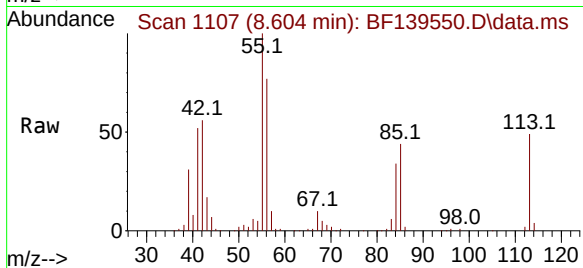
Tgt Ion:113 Resp: 52941

Ion Ratio Lower Upper

113 100

55 203.0 186.1 226.1

56 156.5 144.9 184.9



#36

4-Chloro-3-methylphenol

Concen: 48.551 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.017 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

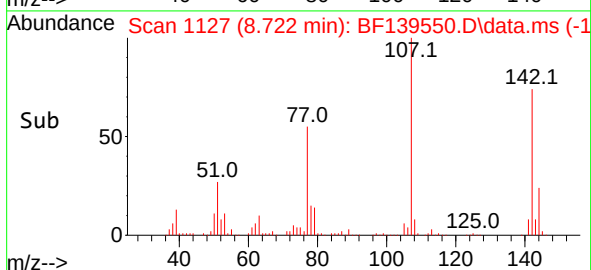
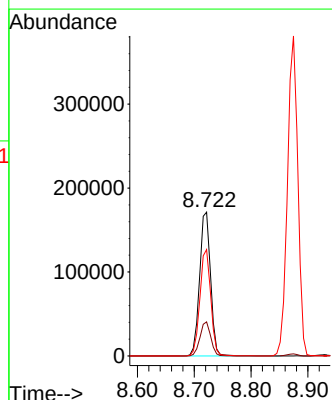
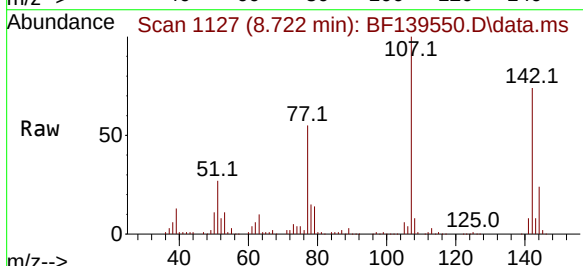
Tgt Ion:107 Resp: 231096

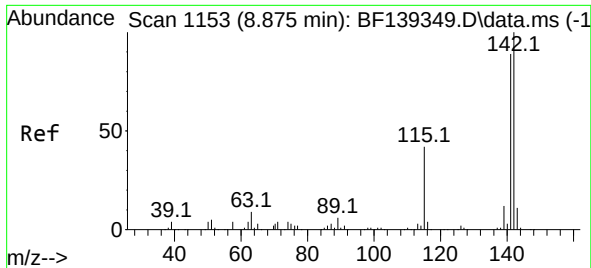
Ion Ratio Lower Upper

107 100

144 23.6 17.5 26.3

142 73.9 55.8 83.8





#37

2-Methylnaphthalene

Concen: 50.376 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

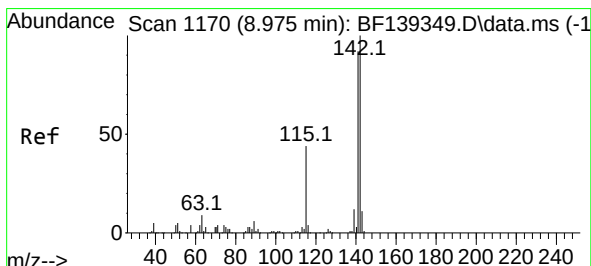
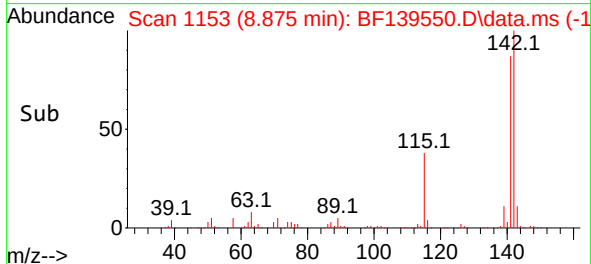
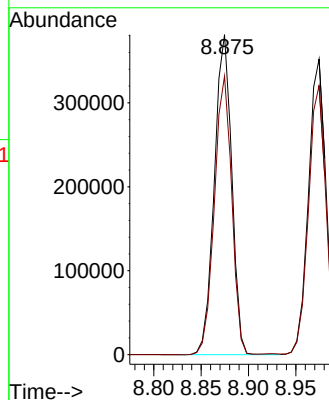
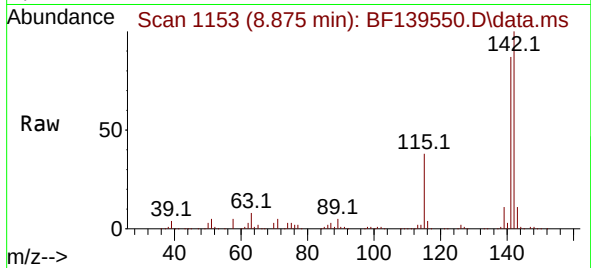
PB163677BS

Tgt Ion:142 Resp: 486413

Ion Ratio Lower Upper

142 100

141 87.1 71.6 107.4



#38

1-Methylnaphthalene

Concen: 47.334 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139550.D

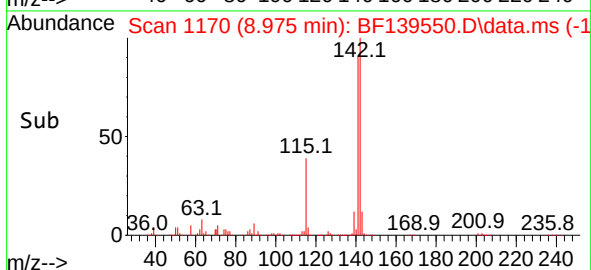
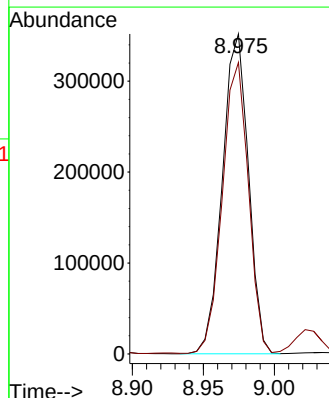
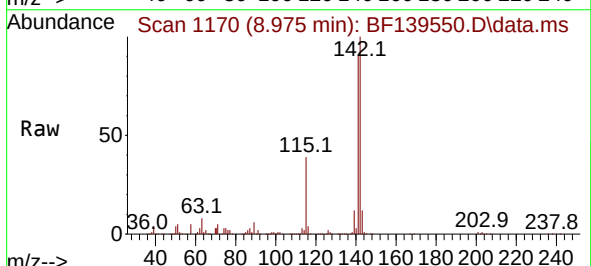
Acq: 26 Sep 2024 16:27

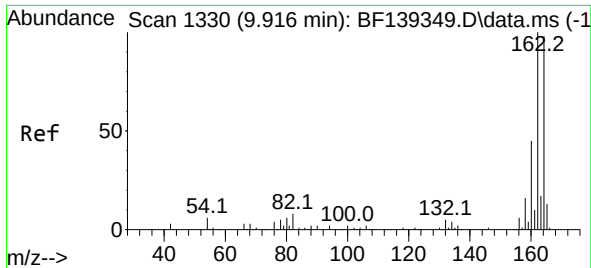
Tgt Ion:142 Resp: 448706

Ion Ratio Lower Upper

142 100

141 91.1 73.2 109.8

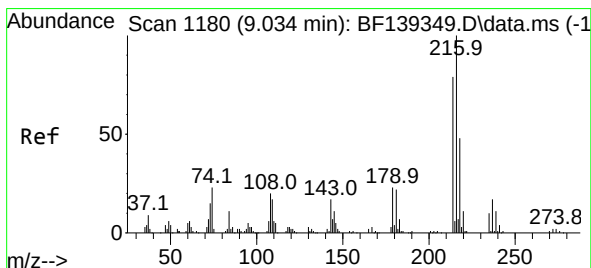
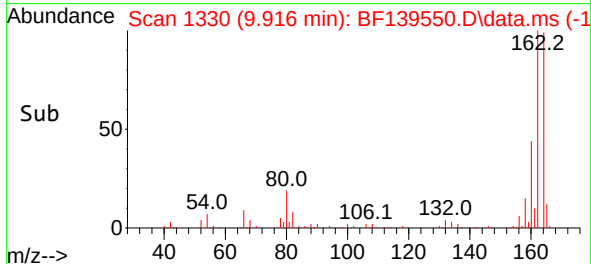
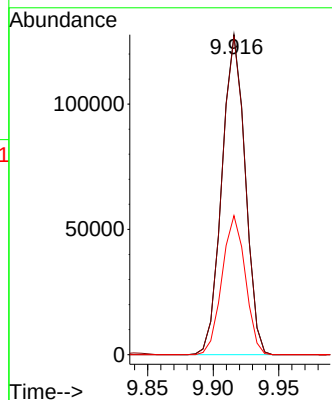
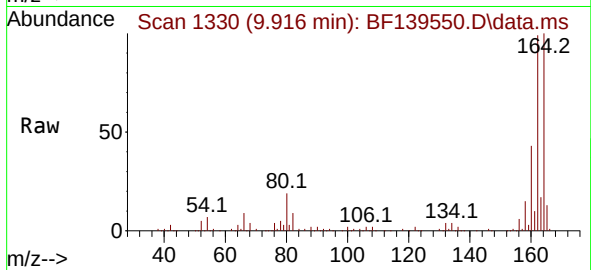




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

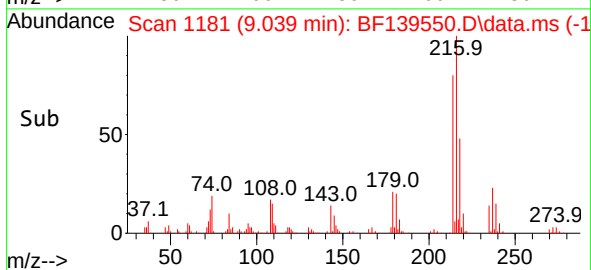
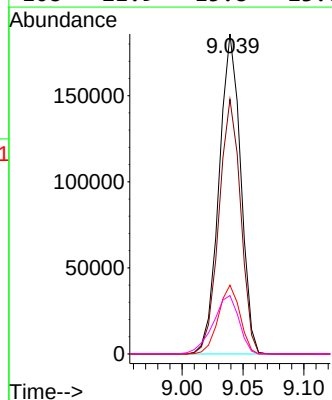
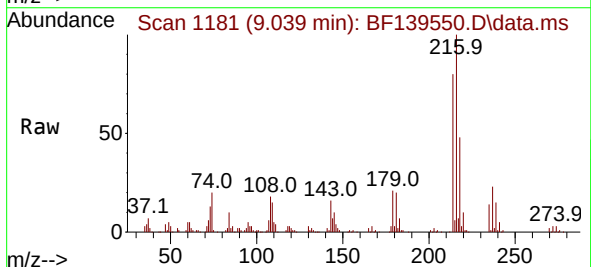
Instrument :
BNA_F
ClientSampleId :
PB163677BS

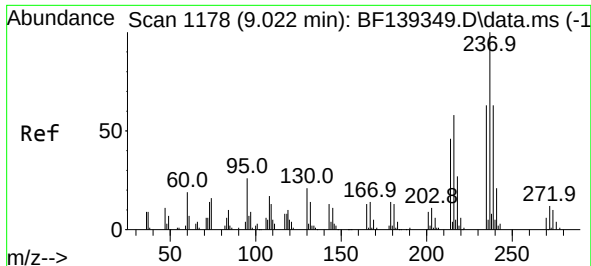
Tgt Ion:164 Resp: 157795
Ion Ratio Lower Upper
164 100
162 99.4 81.3 121.9
160 43.5 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.074 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:216 Resp: 229499
Ion Ratio Lower Upper
216 100
214 79.8 63.4 95.0
179 21.5 18.2 27.2
108 21.9 15.8 23.6

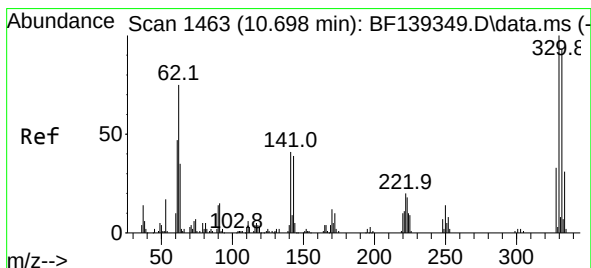
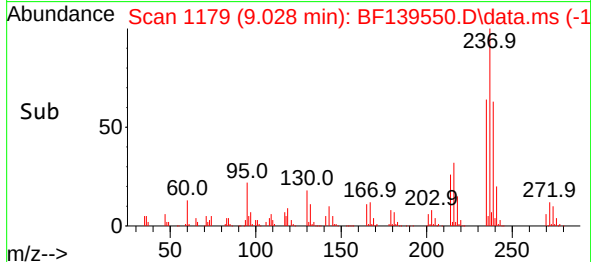
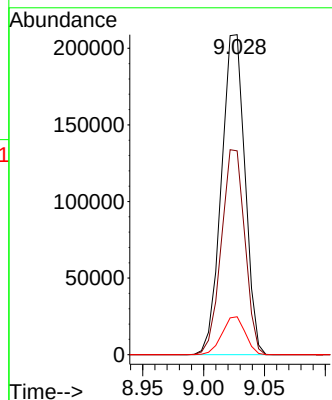
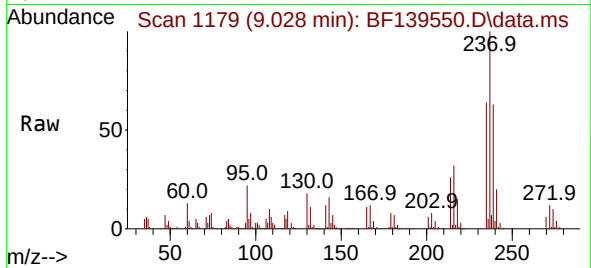




#41
Hexachlorocyclopentadiene
Concen: 172.429 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

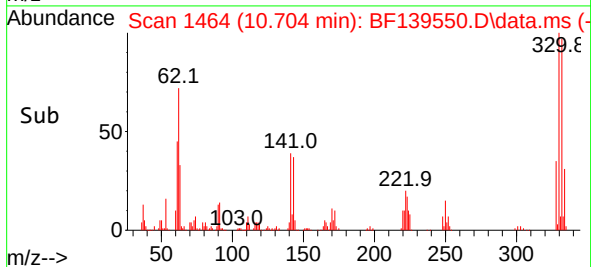
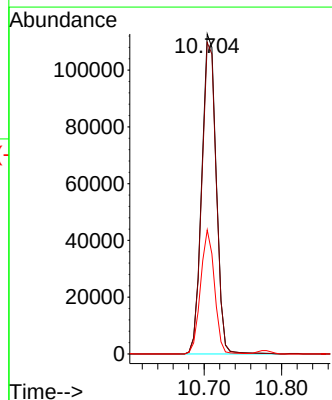
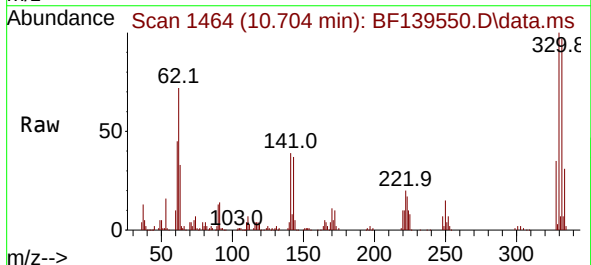
Instrument :
BNA_F
ClientSampleId :
PB163677BS

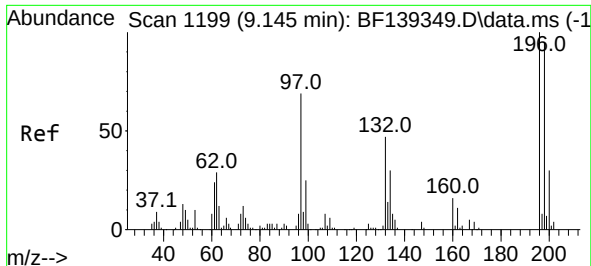
Tgt Ion:237 Resp: 281551
Ion Ratio Lower Upper
237 100
235 63.7 42.7 82.7
272 11.9 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 86.633 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:330 Resp: 145537
Ion Ratio Lower Upper
330 100
332 97.7 75.2 112.8
141 37.4 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 50.283 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

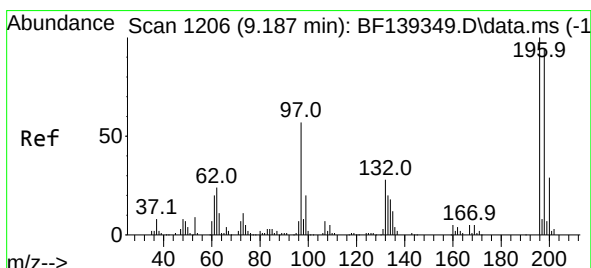
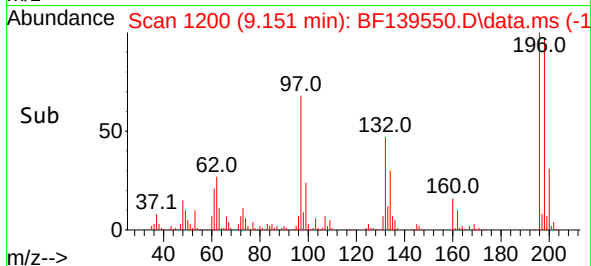
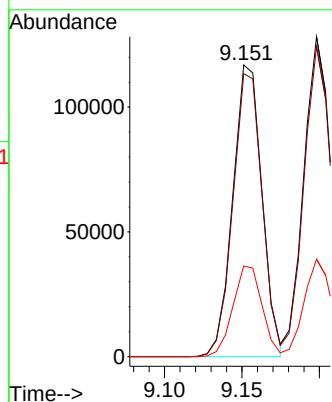
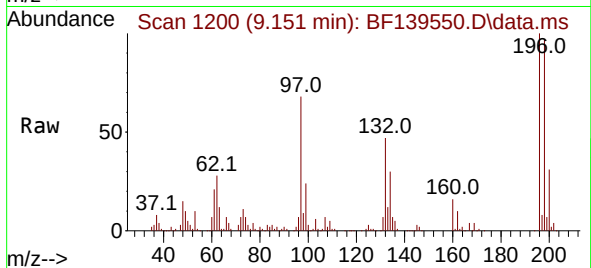
Tgt Ion:196 Resp: 152987

Ion Ratio Lower Upper

196 100

198 97.0 75.8 113.6

200 31.1 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 50.027 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Tgt Ion:196 Resp: 160556

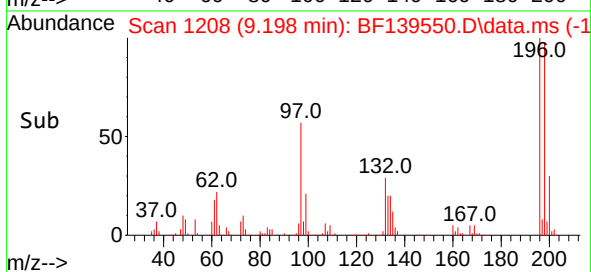
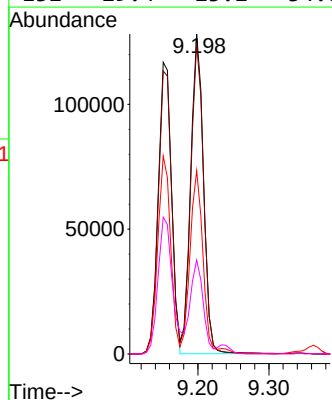
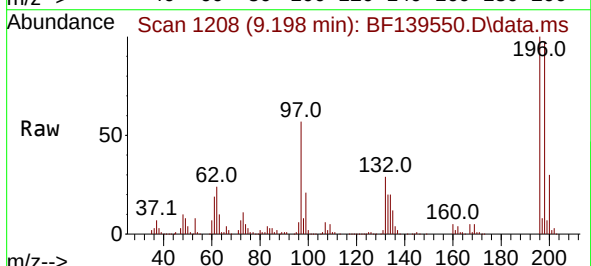
Ion Ratio Lower Upper

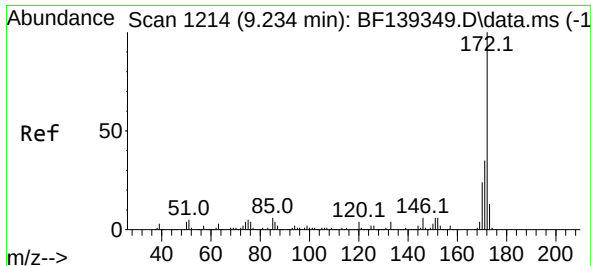
196 100

198 96.9 74.8 112.2

97 57.3 47.3 70.9

132 29.4 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 89.229 ng

RT: 9.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

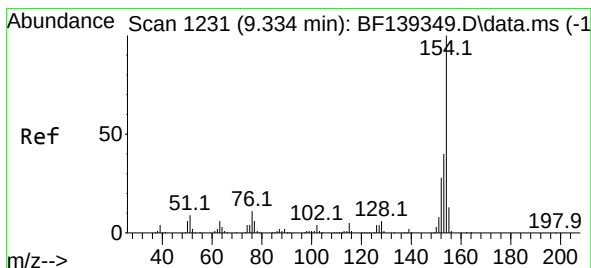
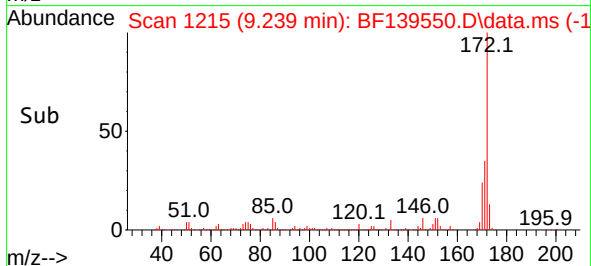
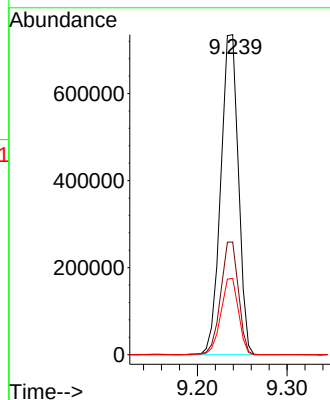
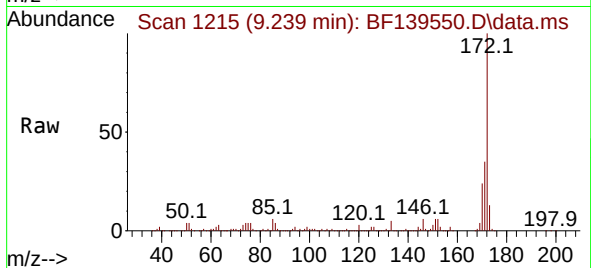
Tgt Ion:172 Resp: 1003901

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 48.928 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

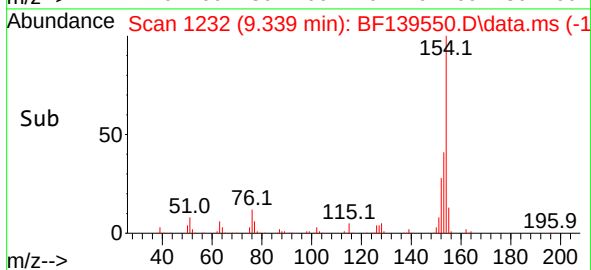
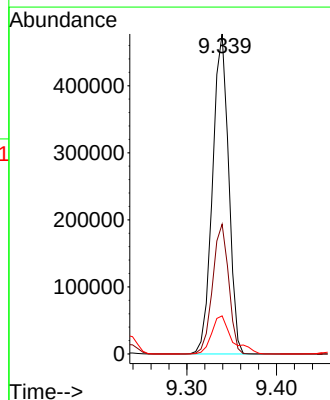
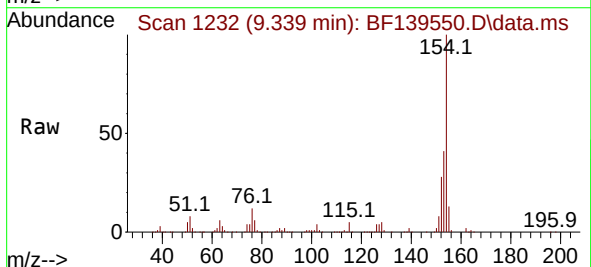
Tgt Ion:154 Resp: 593968

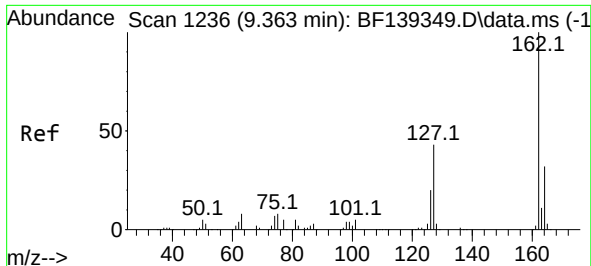
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 11.9 0.0 31.1





#47

2-Chloronaphthalene

Concen: 49.480 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

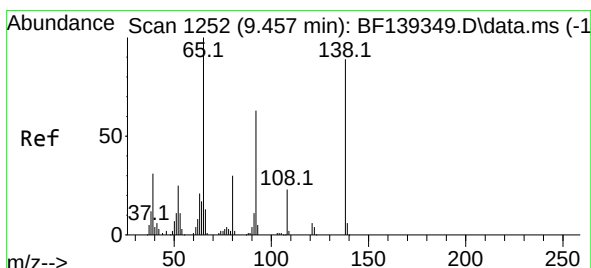
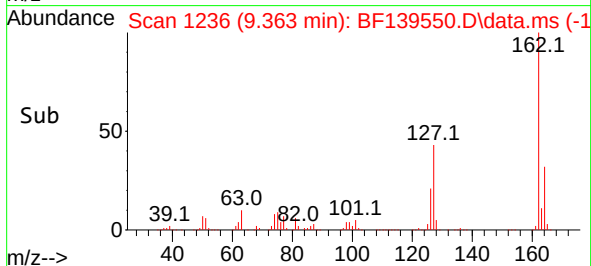
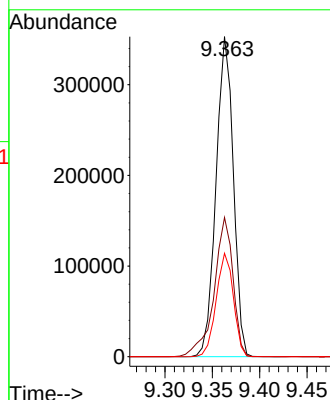
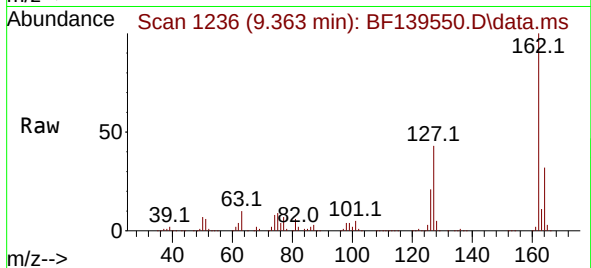
Tgt Ion:162 Resp: 449119

Ion Ratio Lower Upper

162 100

127 43.5 35.0 52.4

164 32.3 25.8 38.6



#48

2-Nitroaniline

Concen: 48.678 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

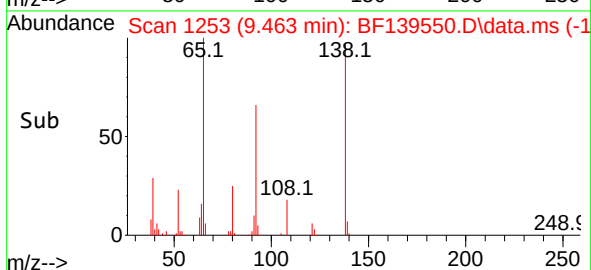
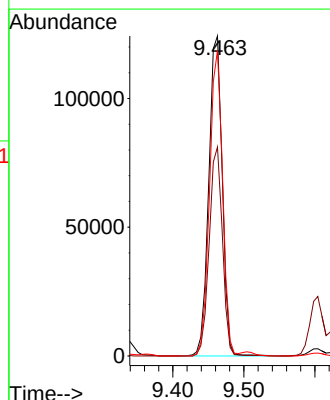
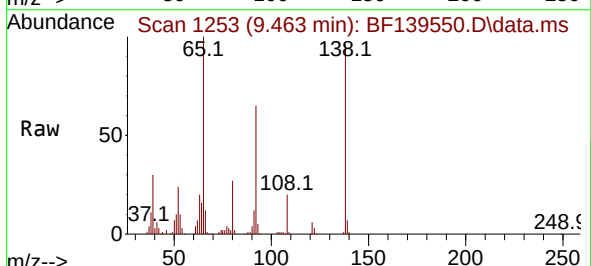
Tgt Ion: 65 Resp: 164340

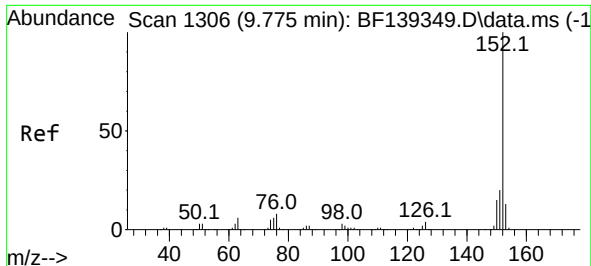
Ion Ratio Lower Upper

65 100

92 65.3 50.3 75.5

138 95.5 71.3 106.9





#49

Acenaphthylene

Concen: 53.614 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.005 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

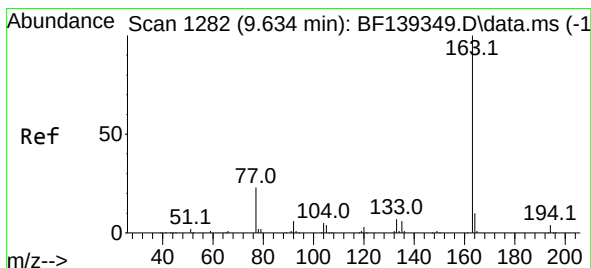
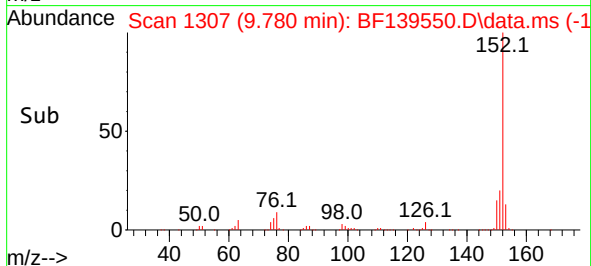
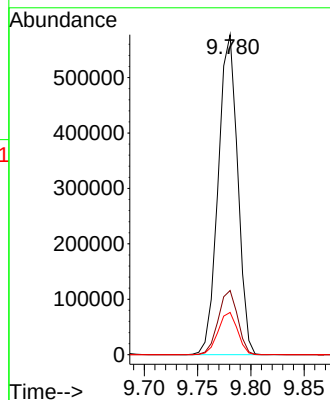
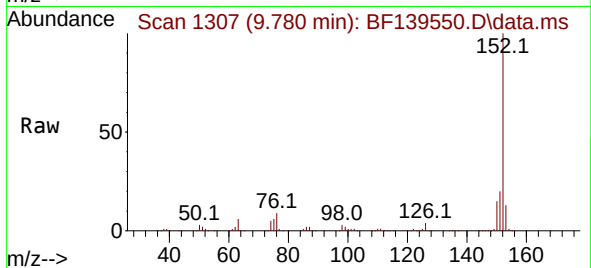
Tgt Ion:152 Resp: 732546

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.2 10.3 15.5



#50

Dimethylphthalate

Concen: 50.922 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

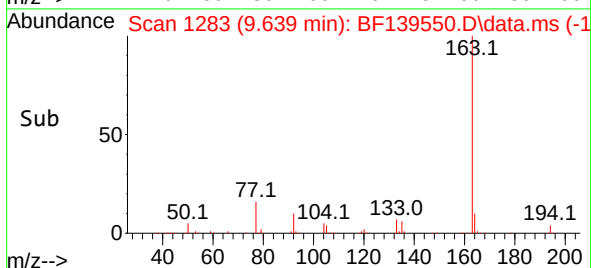
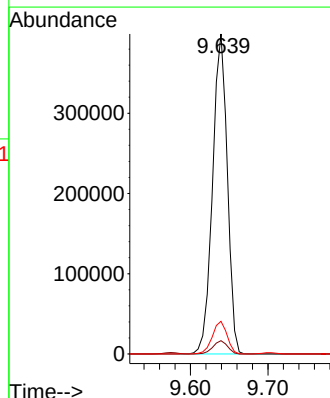
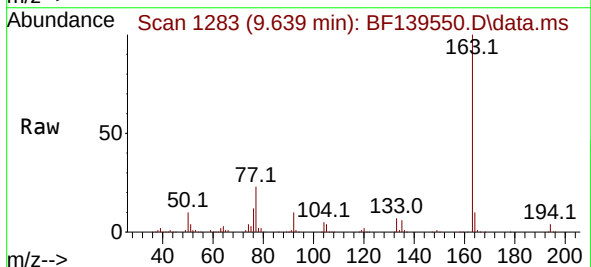
Tgt Ion:163 Resp: 527386

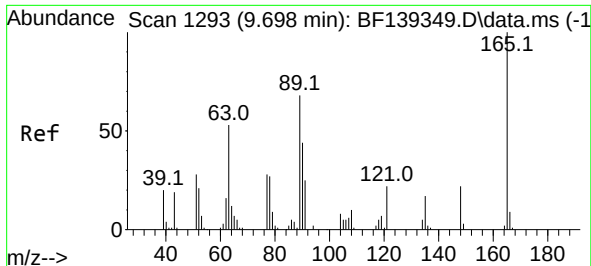
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.2 8.2 12.2

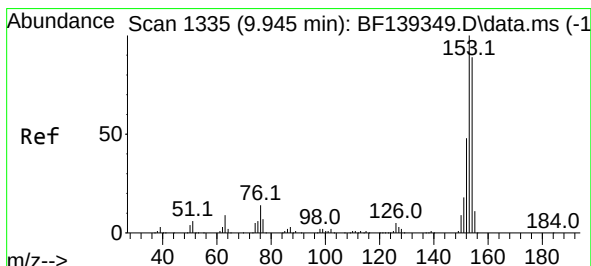
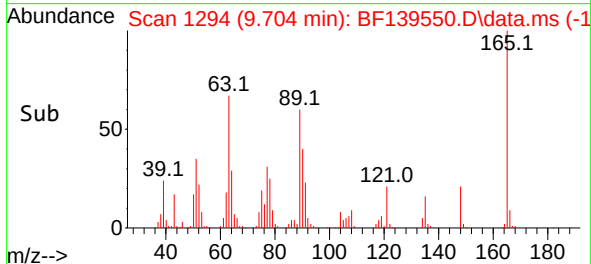
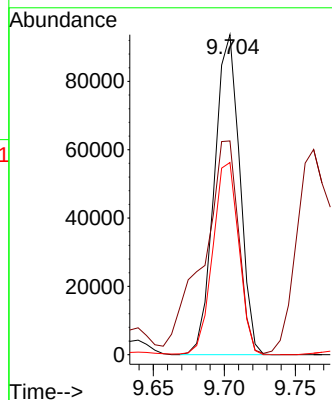
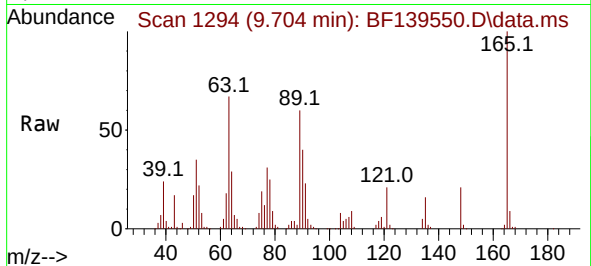




#51
2,6-Dinitrotoluene
Concen: 50.647 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

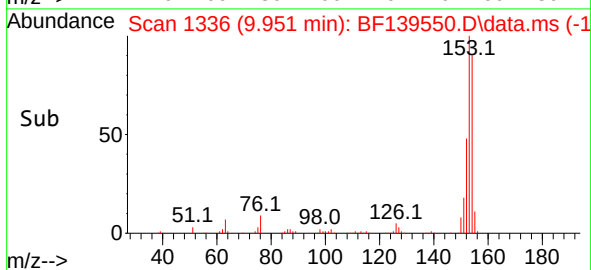
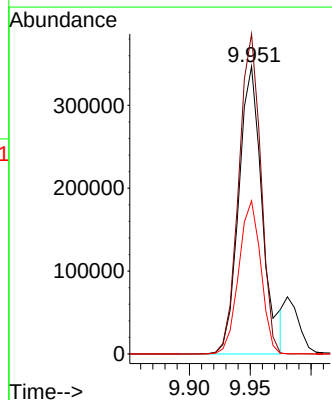
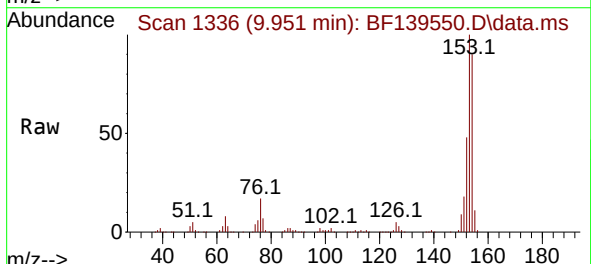
Instrument :
BNA_F
ClientSampleId :
PB163677BS

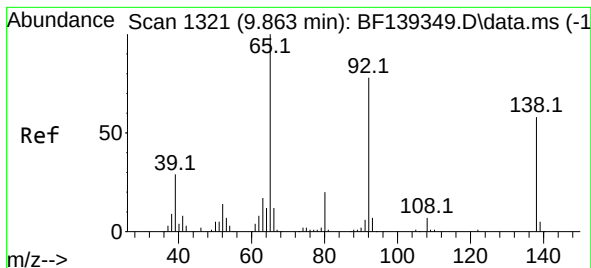
Tgt Ion:165 Resp: 116202
Ion Ratio Lower Upper
165 100
63 66.8 60.9 91.3
89 60.1 54.7 82.1



#52
Acenaphthene
Concen: 48.806 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:154 Resp: 465410
Ion Ratio Lower Upper
154 100
153 111.3 89.5 134.3
152 53.3 42.6 64.0





#53

3-Nitroaniline

Concen: 34.705 ng

RT: 9.869 min Scan# 1321

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

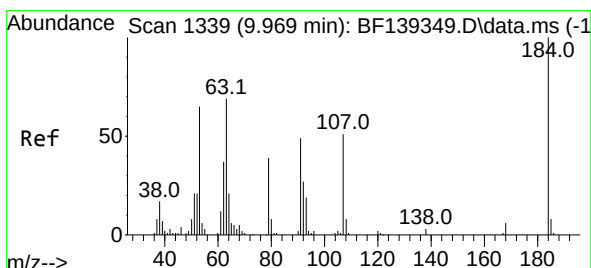
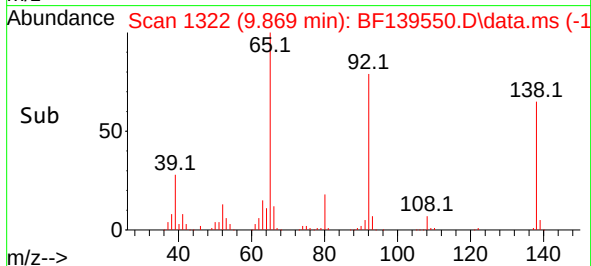
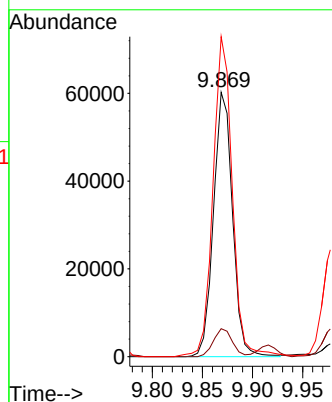
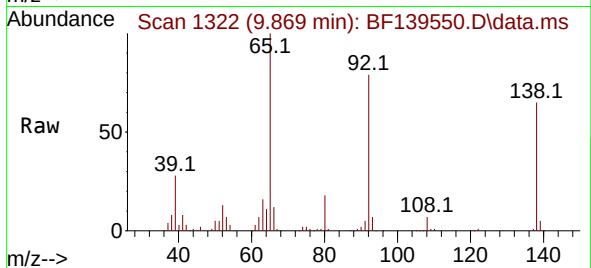
Tgt Ion:138 Resp: 79577

Ion Ratio Lower Upper

138 100

108 10.6 9.8 14.8

92 121.0 107.4 161.2



#54

2,4-Dinitrophenol

Concen: 104.397 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.011 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

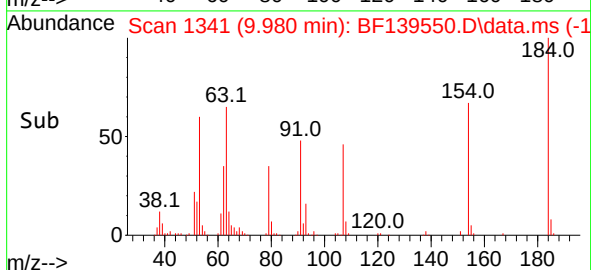
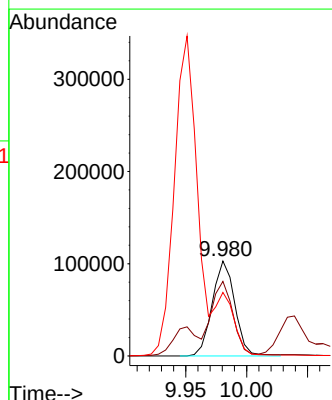
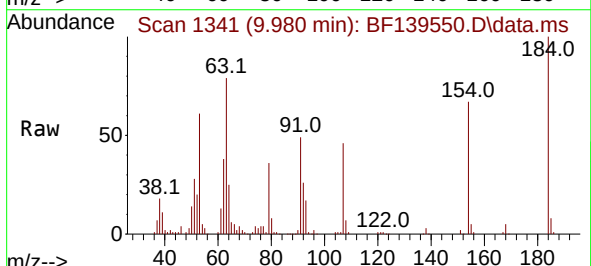
Tgt Ion:184 Resp: 133467

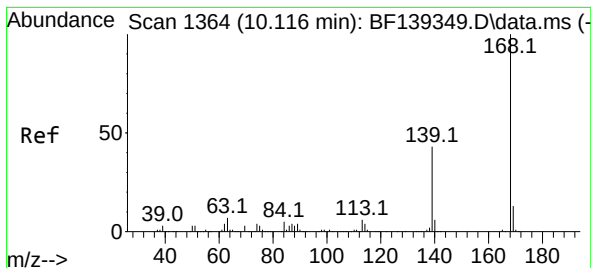
Ion Ratio Lower Upper

184 100

63 78.5 69.3 103.9

154 67.0 67.5 101.3#





#55

Dibenzenofuran

Concen: 49.444 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

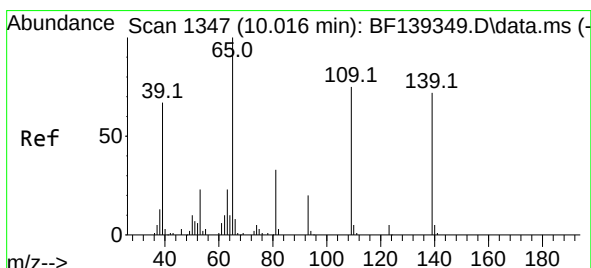
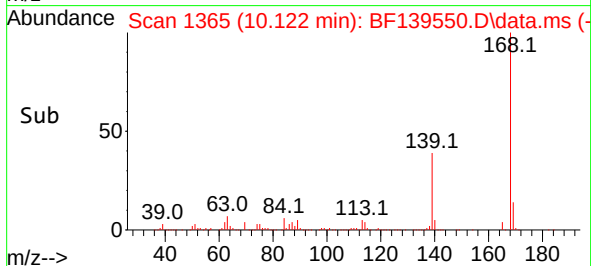
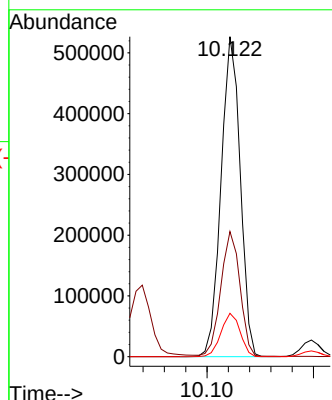
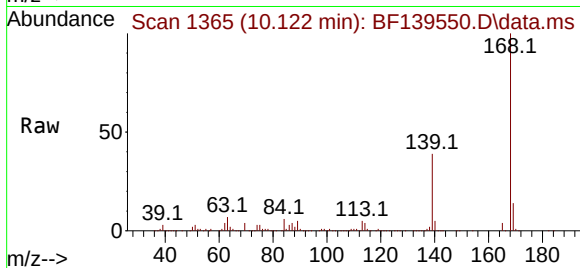
Tgt Ion:168 Resp: 657178

Ion Ratio Lower Upper

168 100

139 39.1 34.1 51.1

169 13.6 10.5 15.7



#56

4-Nitrophenol

Concen: 87.600 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.023 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

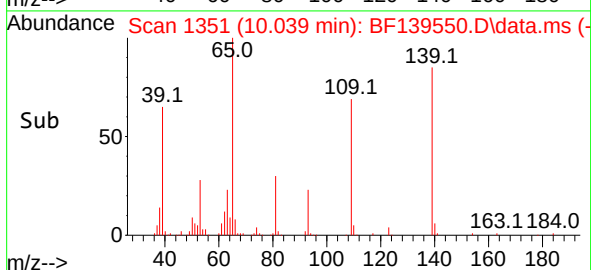
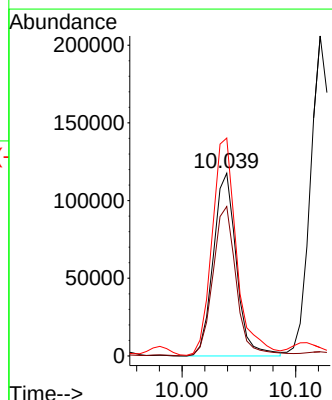
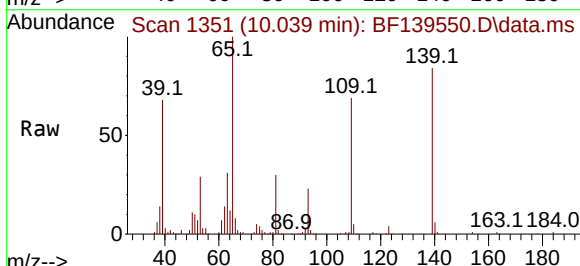
Tgt Ion:139 Resp: 166202

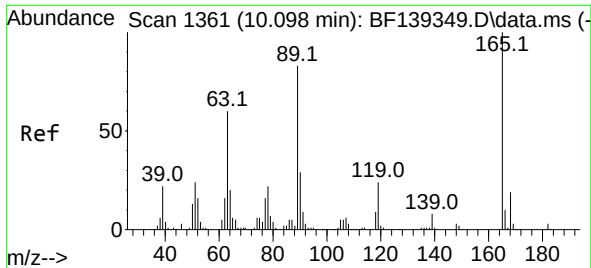
Ion Ratio Lower Upper

139 100

109 81.7 84.1 124.1#

65 119.2 120.0 160.0#

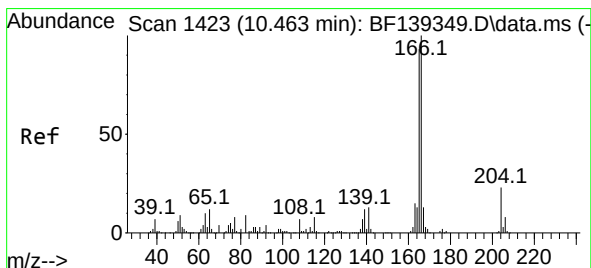
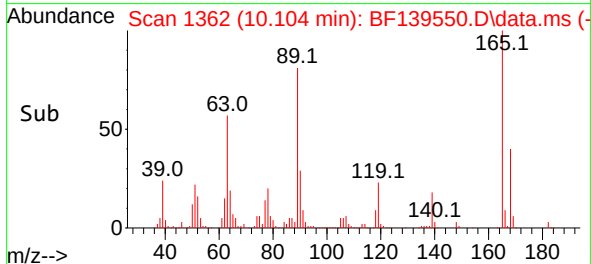
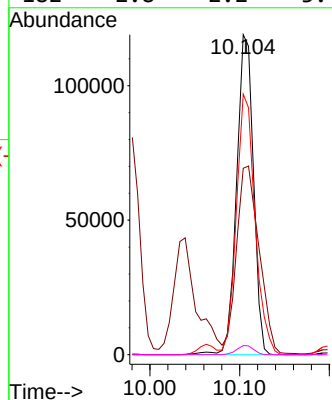
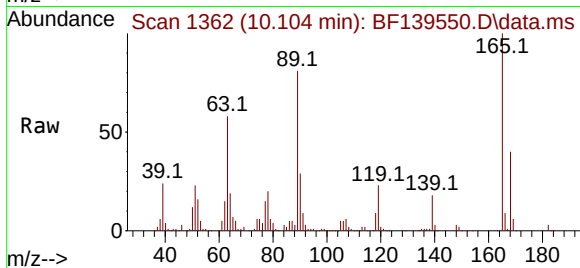




#57
2,4-Dinitrotoluene
Concen: 50.084 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

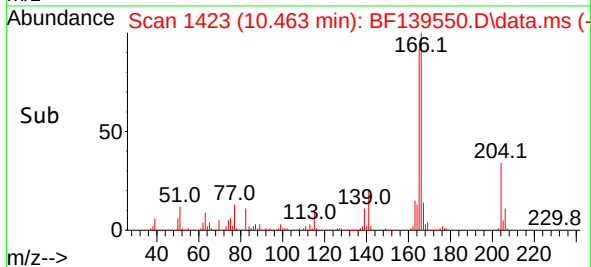
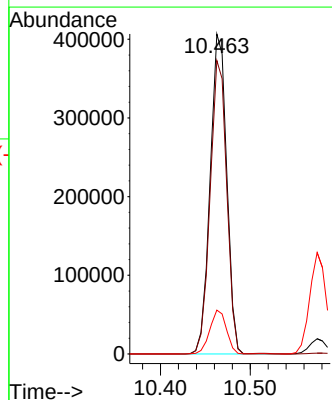
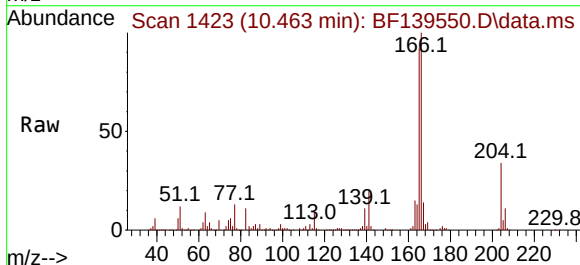
Instrument :
BNA_F
ClientSampleId :
PB163677BS

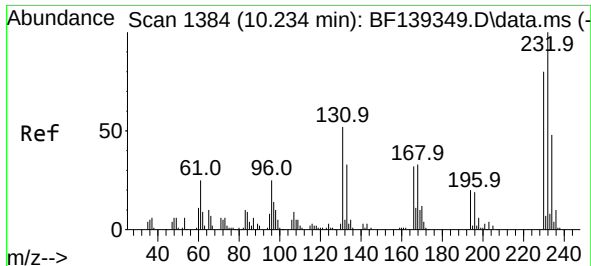
Tgt Ion:165 Resp: 155138
Ion Ratio Lower Upper
165 100
63 58.3 47.8 71.6
89 81.5 66.7 100.1
182 2.8 2.2 3.4



#58
Fluorene
Concen: 48.101 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:166 Resp: 521627
Ion Ratio Lower Upper
166 100
165 91.7 74.5 111.7
167 13.7 10.6 16.0

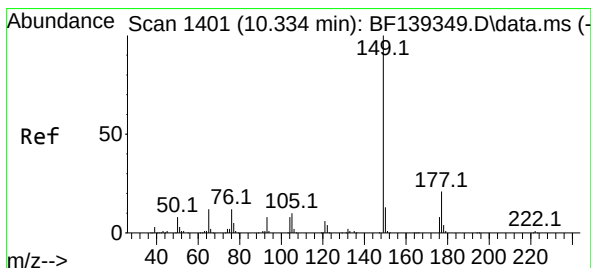
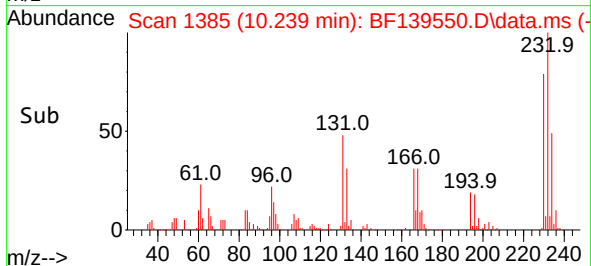
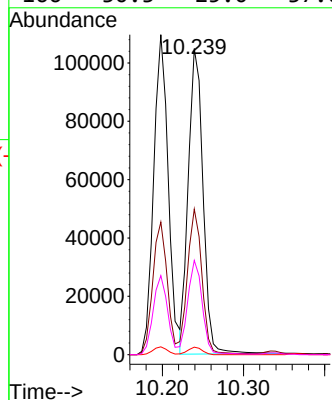
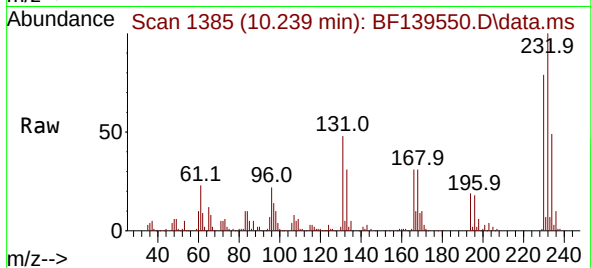




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.906 ng
RT: 10.239 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

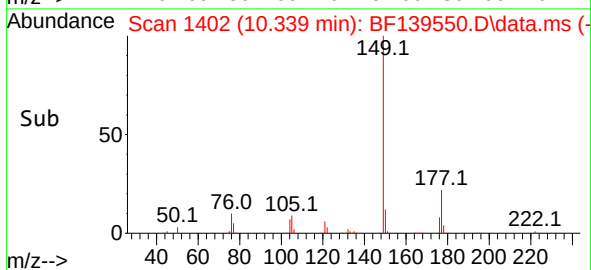
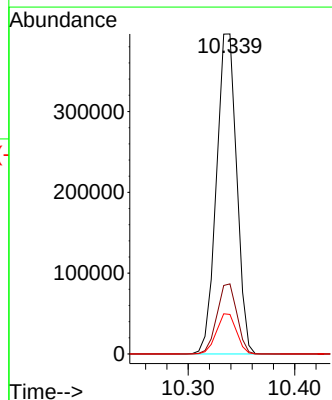
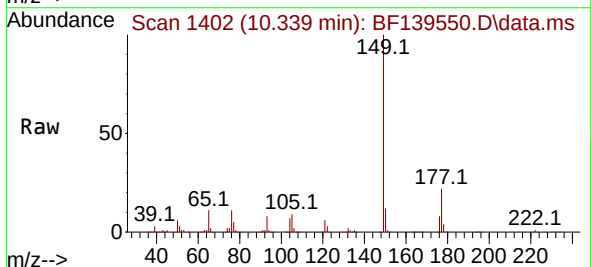
Instrument :
BNA_F
ClientSampleId :
PB163677BS

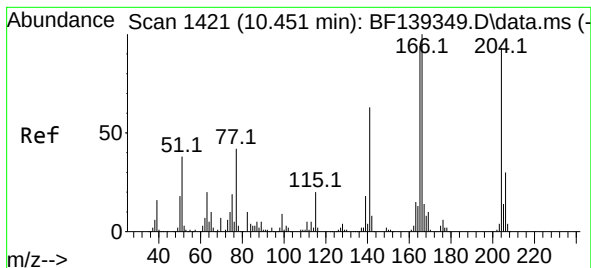
Tgt Ion:232 Resp: 132495
Ion Ratio Lower Upper
232 100
131 47.2 40.7 61.1
130 2.4 2.2 3.2
166 30.3 25.0 37.6



#60
Diethylphthalate
Concen: 48.781 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:149 Resp: 521356
Ion Ratio Lower Upper
149 100
177 21.9 16.6 24.8
150 12.4 10.6 15.8

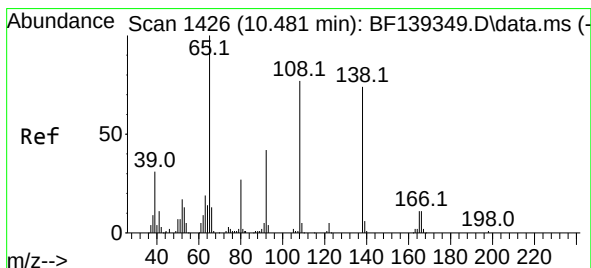
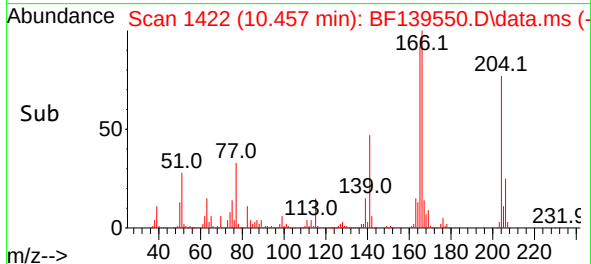
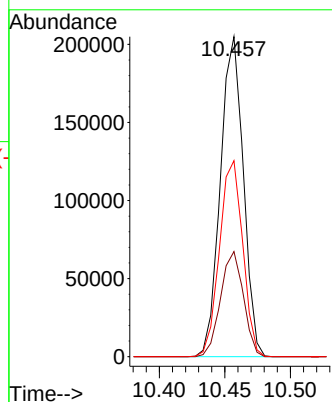
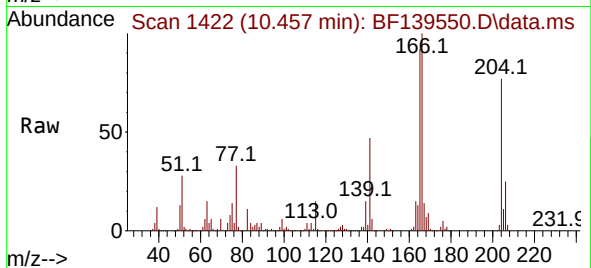




#61
4-Chlorophenyl-phenylether
Concen: 47.265 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

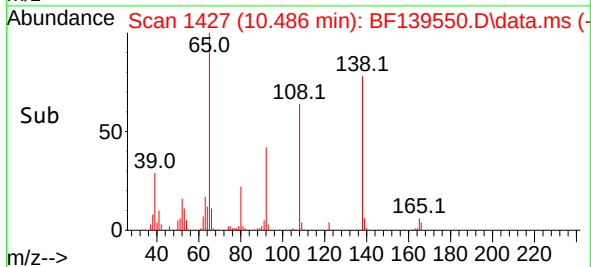
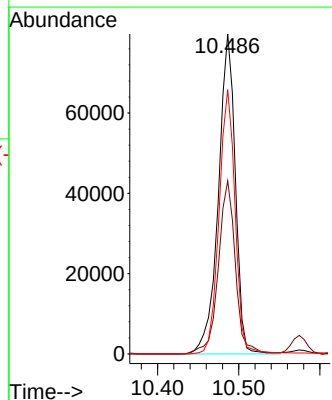
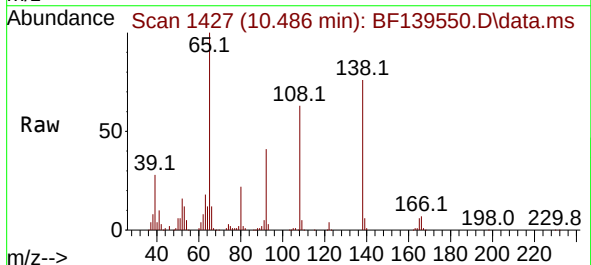
Instrument :
BNA_F
ClientSampleId :
PB163677BS

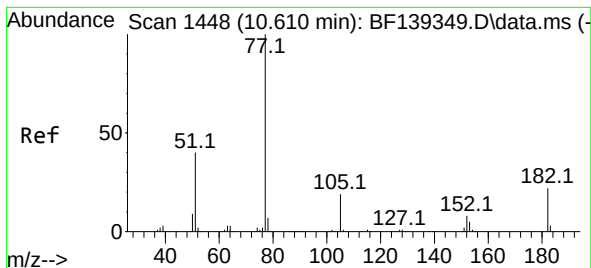
Tgt Ion:204 Resp: 249104
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 61.3 53.9 80.9



#62
4-Nitroaniline
Concen: 46.294 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:138 Resp: 115850
Ion Ratio Lower Upper
138 100
92 54.1 37.0 77.0
108 82.6 84.4 124.4#





#63

Azobenzene

Concen: 50.712 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

Tgt Ion: 77 Resp: 533082

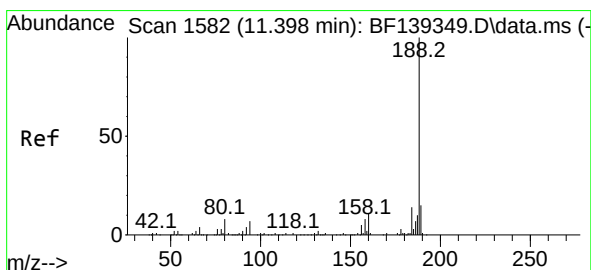
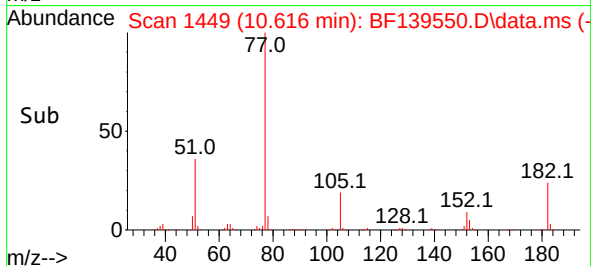
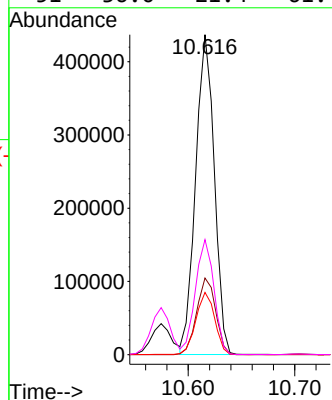
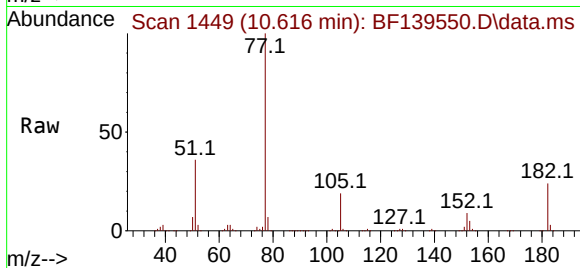
Ion Ratio Lower Upper

77 100

182 23.9 1.8 41.8

105 19.5 0.0 38.6

51 36.0 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

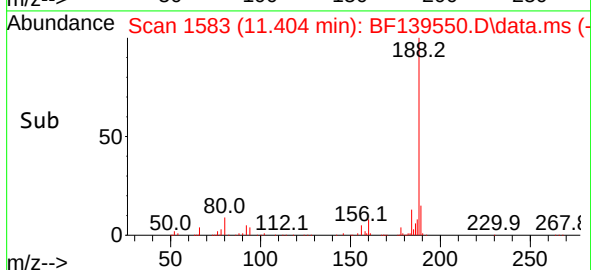
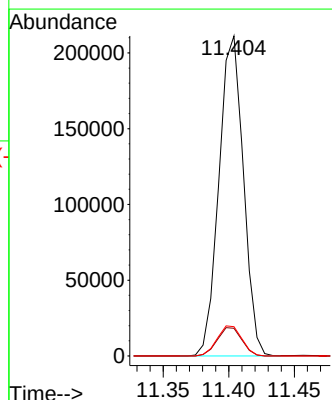
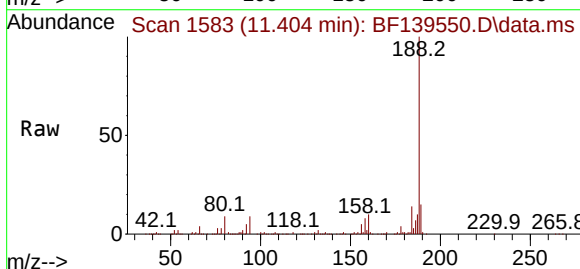
Tgt Ion:188 Resp: 273650

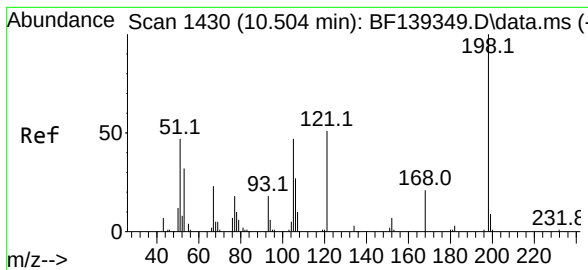
Ion Ratio Lower Upper

188 100

94 8.7 5.5 8.3#

80 9.2 6.6 9.8

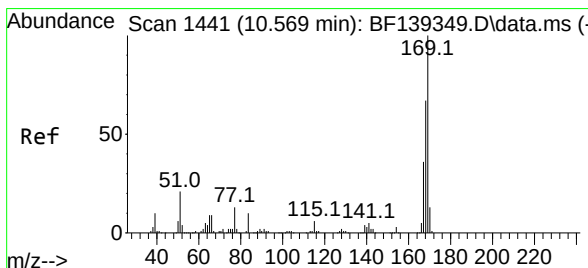
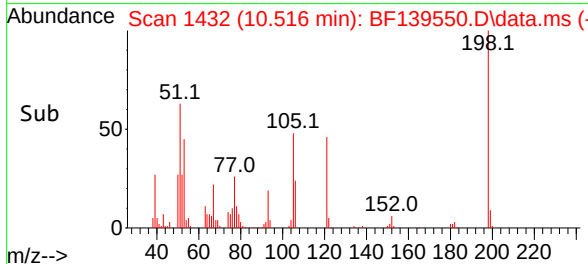
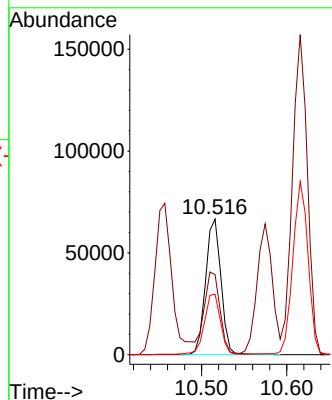
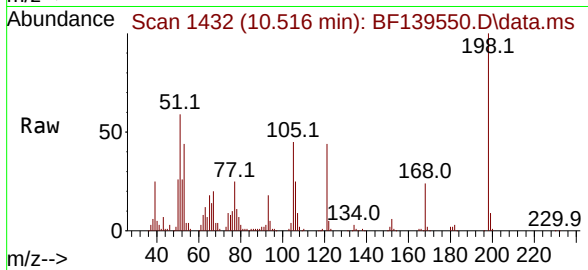




#65
4,6-Dinitro-2-methylphenol
Concen: 57.913 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

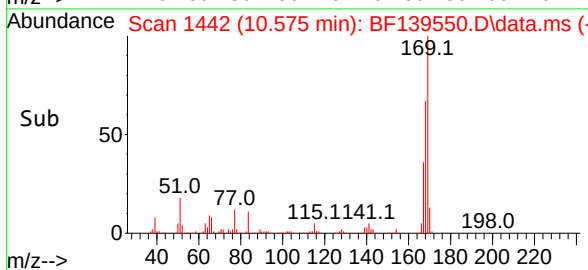
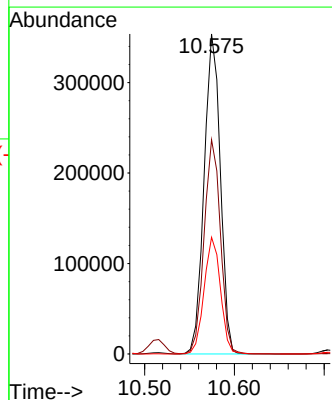
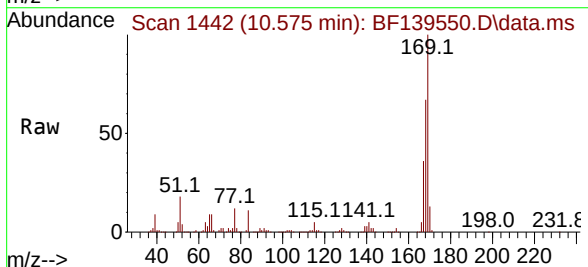
Instrument :
BNA_F
ClientSampleId :
PB163677BS

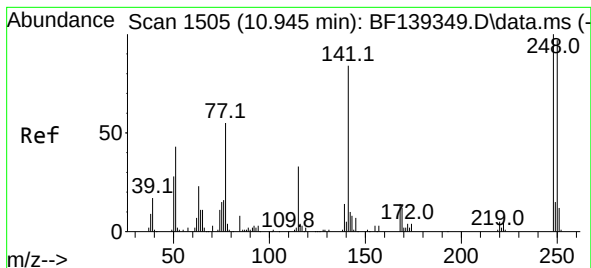
Tgt Ion:198 Resp: 83643
Ion Ratio Lower Upper
198 100
51 59.0 50.4 90.4
105 44.6 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 55.553 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:169 Resp: 444458
Ion Ratio Lower Upper
169 100
168 67.0 53.6 80.4
167 36.4 28.7 43.1

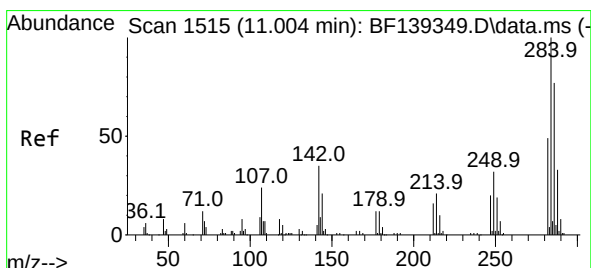
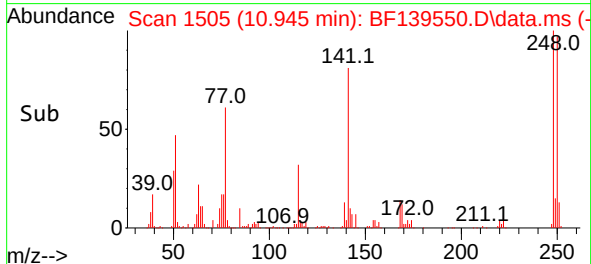
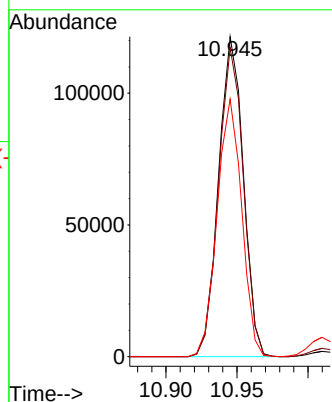
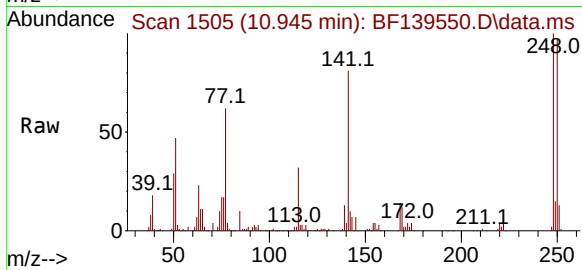




#67
4-Bromophenyl-phenylether
Concen: 54.364 ng
RT: 10.945 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

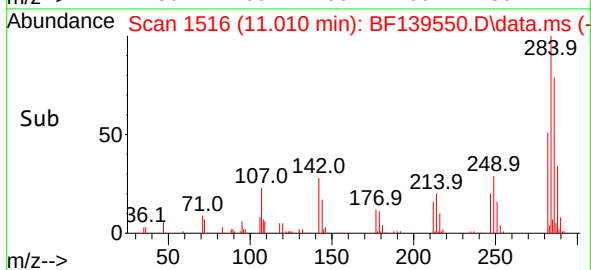
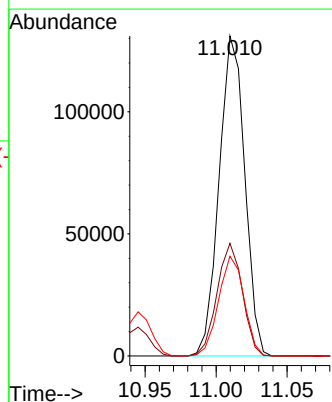
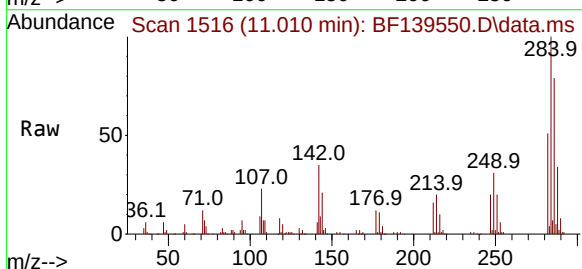
Instrument :
BNA_F
ClientSampleId :
PB163677BS

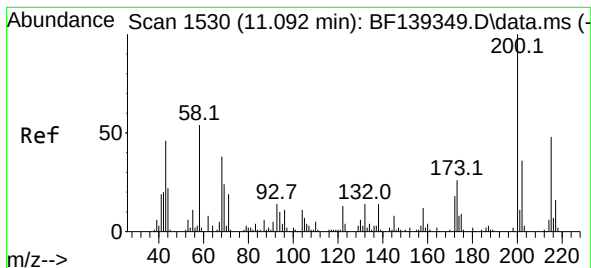
Tgt Ion:248 Resp: 147425
Ion Ratio Lower Upper
248 100
250 96.6 77.6 116.4
141 80.5 66.9 100.3



#68
Hexachlorobenzene
Concen: 51.651 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:284 Resp: 164386
Ion Ratio Lower Upper
284 100
142 35.2 28.0 42.0
249 31.1 25.3 37.9





#69

Atrazine

Concen: 72.635 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

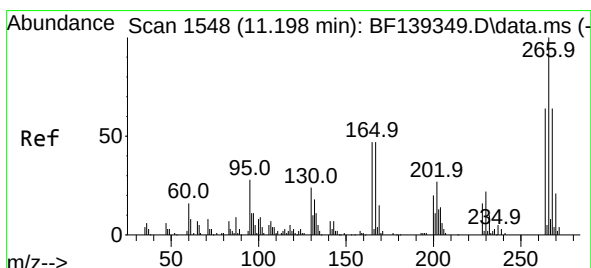
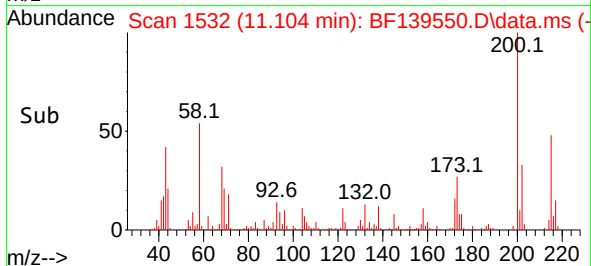
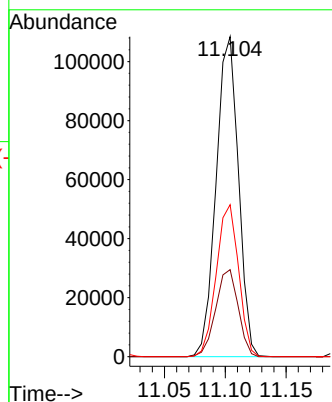
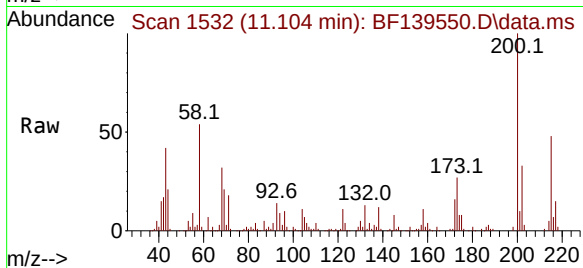
Tgt Ion:200 Resp: 138347

Ion Ratio Lower Upper

200 100

173 27.2 6.1 46.1

215 47.5 28.2 68.2



#70

Pentachlorophenol

Concen: 93.958 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.012 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

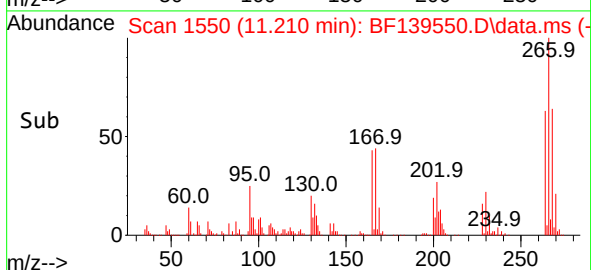
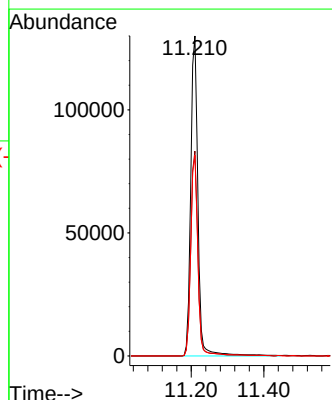
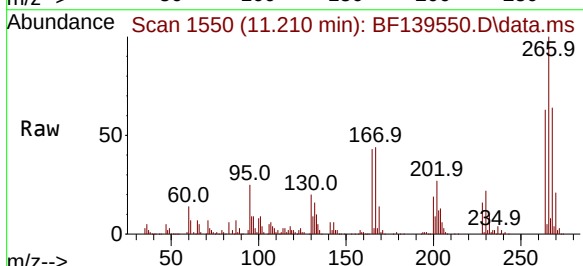
Tgt Ion:266 Resp: 179434

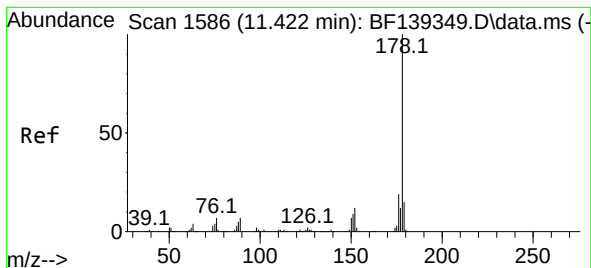
Ion Ratio Lower Upper

266 100

268 64.0 51.1 76.7

264 62.8 51.4 77.0





#71

Phenanthrene

Concen: 53.255 ng

RT: 11.427 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

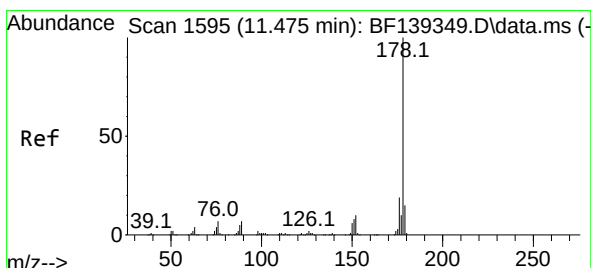
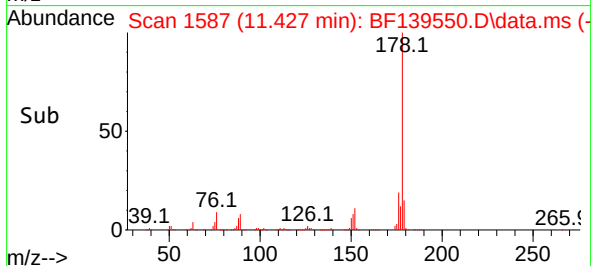
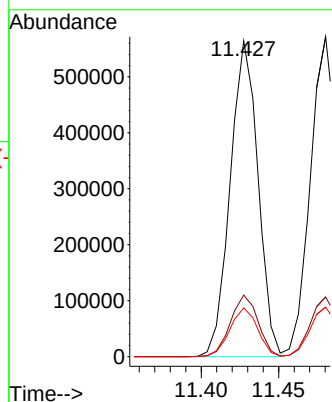
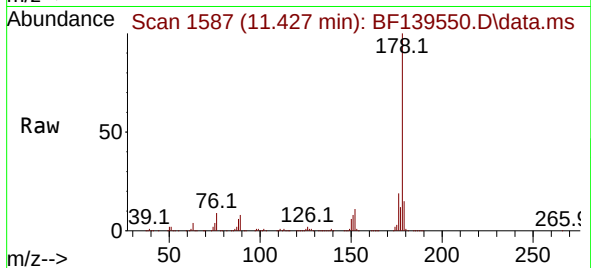
Tgt Ion:178 Resp: 703100

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

179 15.4 12.2 18.4



#72

Anthracene

Concen: 55.205 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

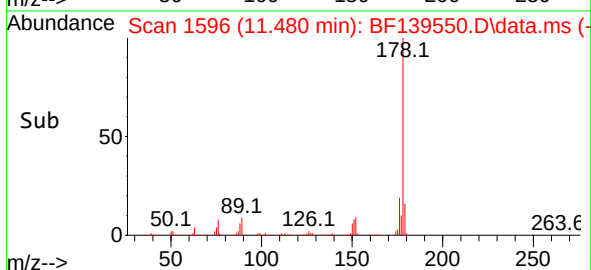
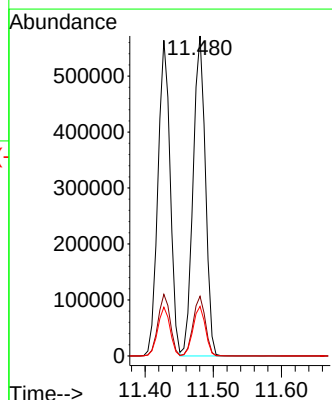
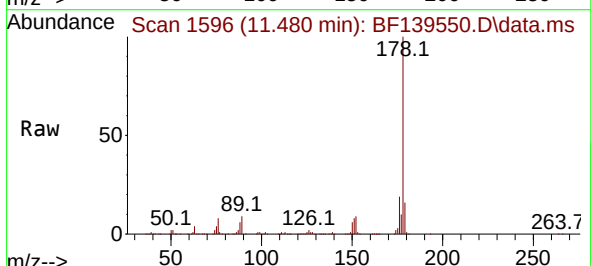
Tgt Ion:178 Resp: 712603

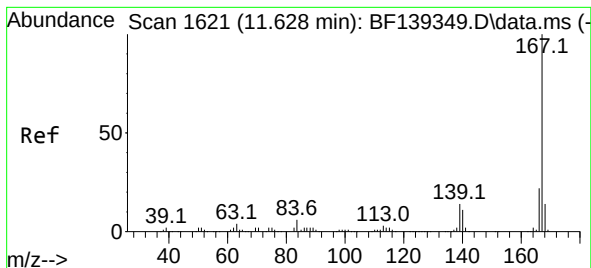
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

179 15.5 12.0 18.0





#73

Carbazole

Concen: 49.256 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

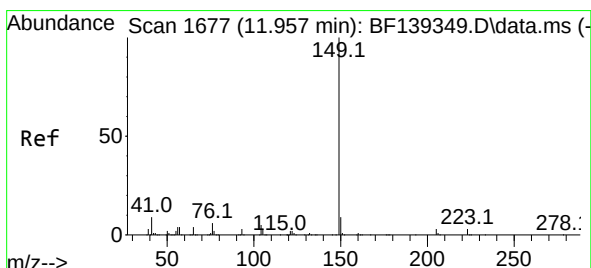
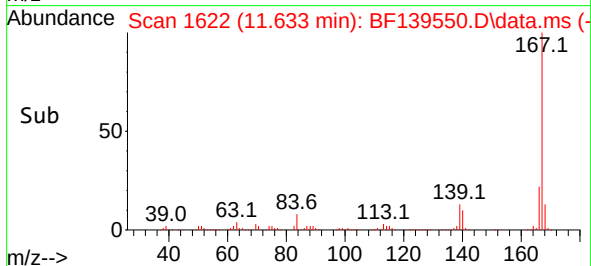
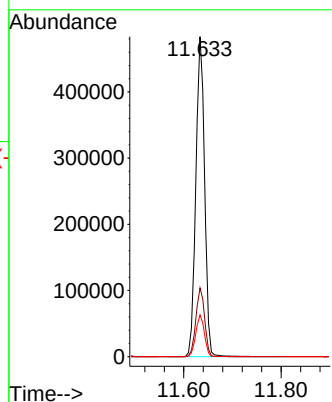
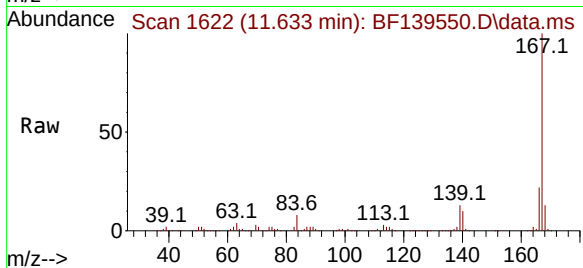
Tgt Ion:167 Resp: 608538

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

139 13.0 10.9 16.3



#74

Di-n-butylphthalate

Concen: 51.598 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

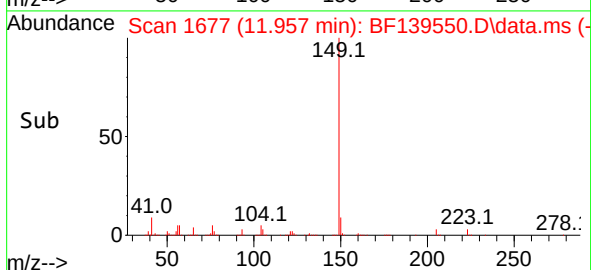
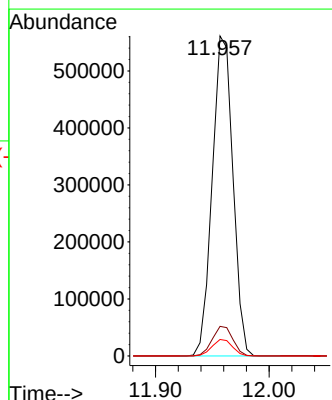
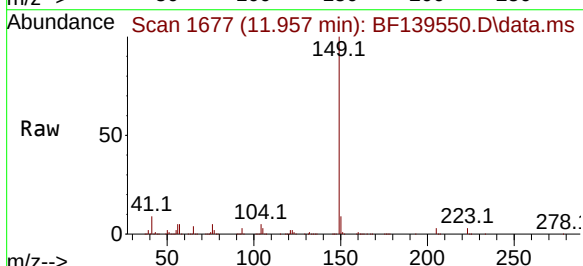
Tgt Ion:149 Resp: 710117

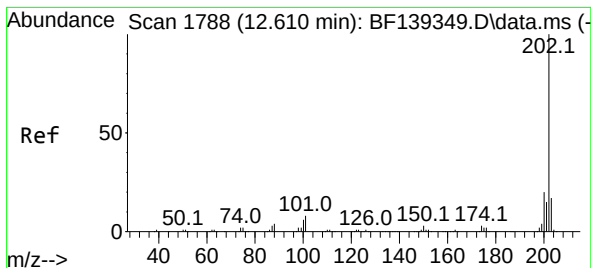
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 45.908 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

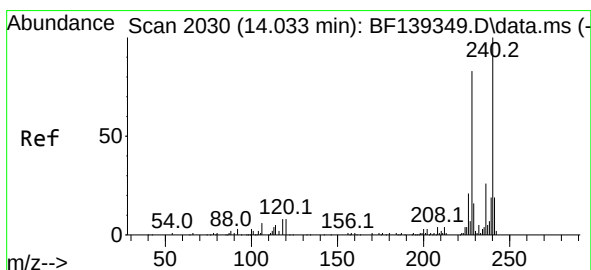
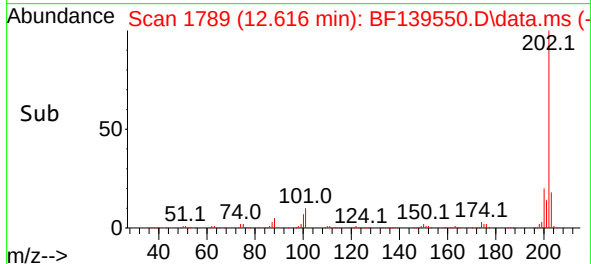
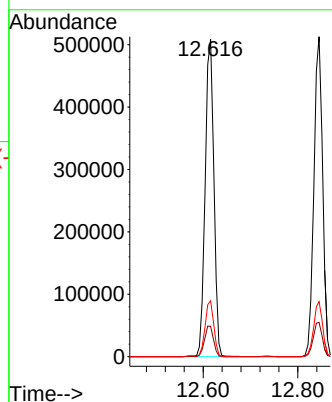
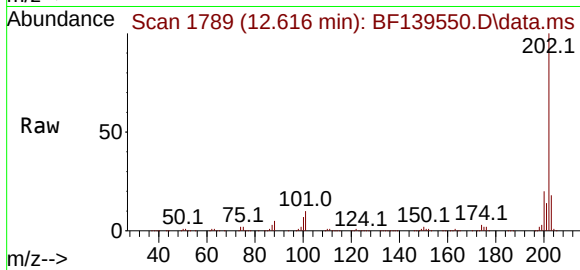
Tgt Ion:202 Resp: 647259

Ion Ratio Lower Upper

202 100

101 9.6 0.0 27.7

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

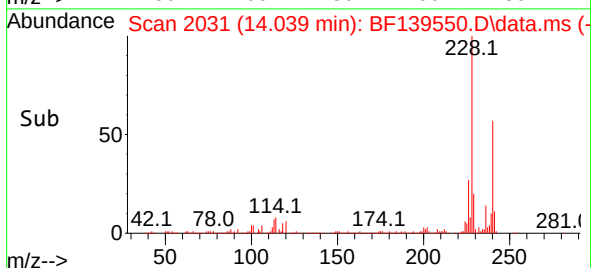
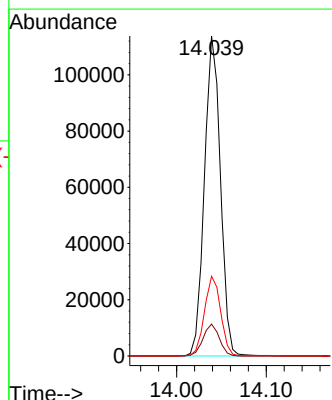
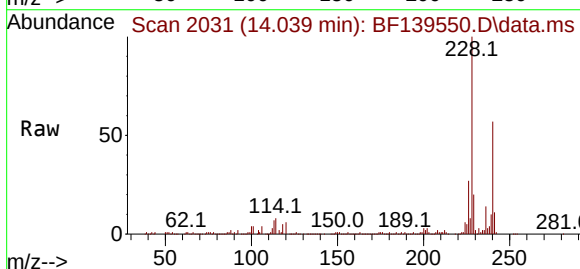
Tgt Ion:240 Resp: 141027

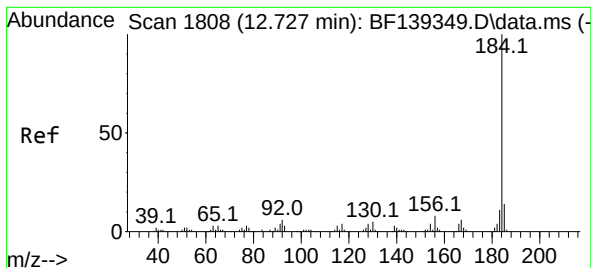
Ion Ratio Lower Upper

240 100

120 10.0 6.2 9.2#

236 24.9 20.9 31.3





#77

Benzidine

Concen: 108.851 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.012 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

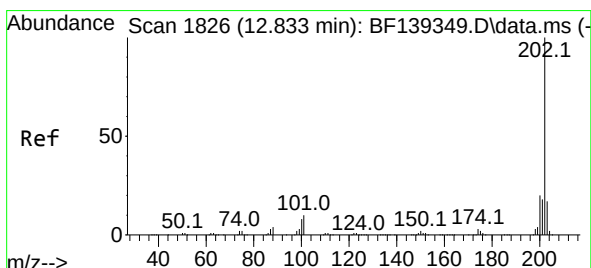
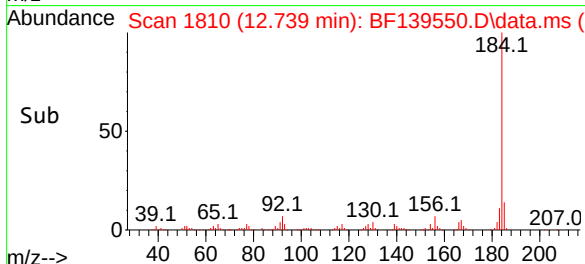
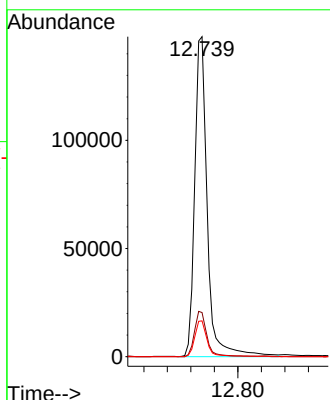
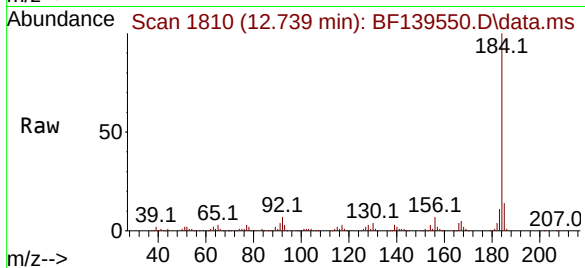
Tgt Ion:184 Resp: 219934

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 11.2 8.9 13.3



#78

Pyrene

Concen: 54.332 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.012 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

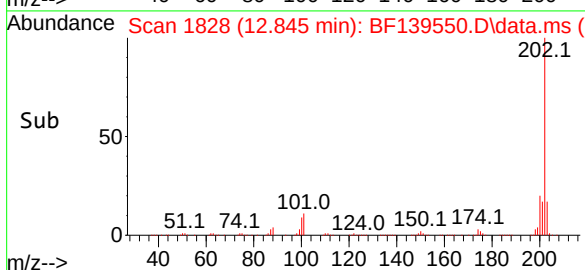
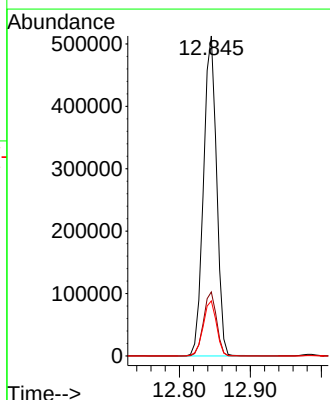
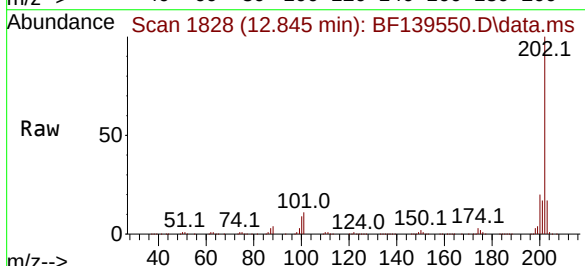
Tgt Ion:202 Resp: 657905

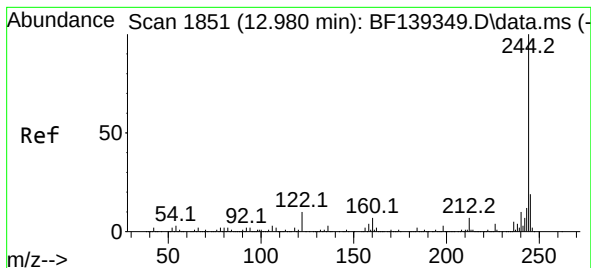
Ion Ratio Lower Upper

202 100

200 20.0 16.2 24.2

203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 98.229 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

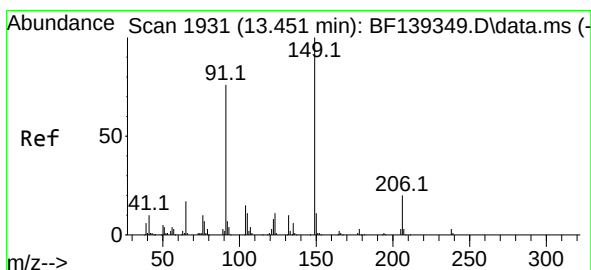
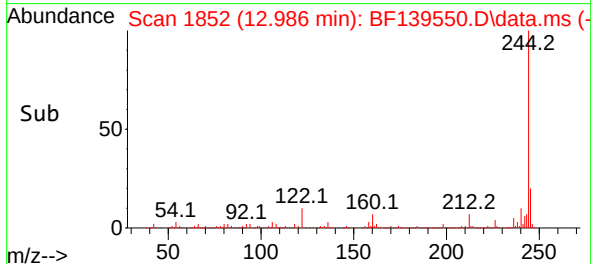
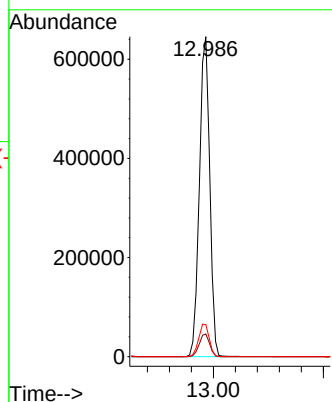
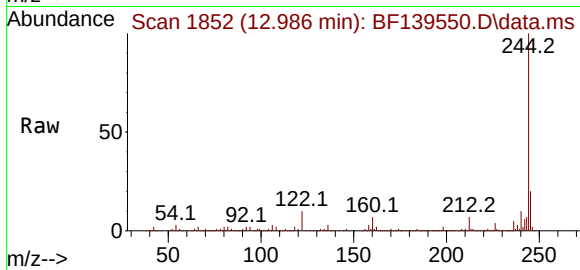
Tgt Ion:244 Resp: 843977

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.1 7.6 11.4



#80

Butylbenzylphthalate

Concen: 54.920 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

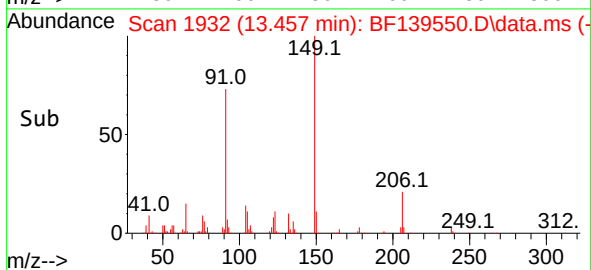
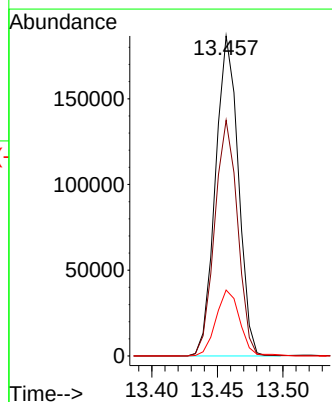
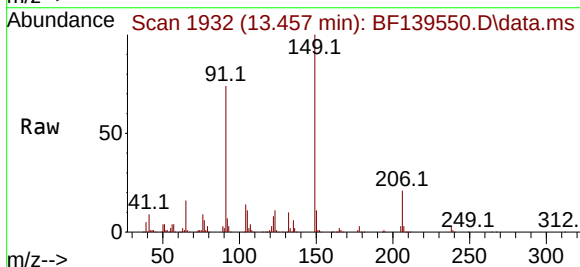
Tgt Ion:149 Resp: 226361

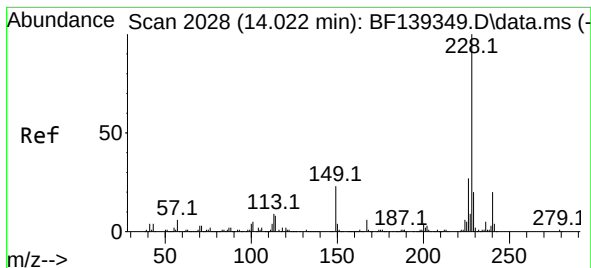
Ion Ratio Lower Upper

149 100

91 73.6 60.9 91.3

206 20.6 15.8 23.8





#81

Benzo(a)anthracene

Concen: 52.811 ng

RT: 14.027 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

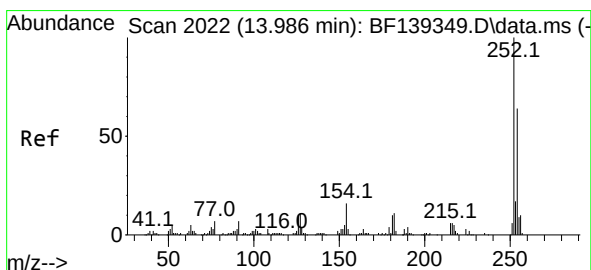
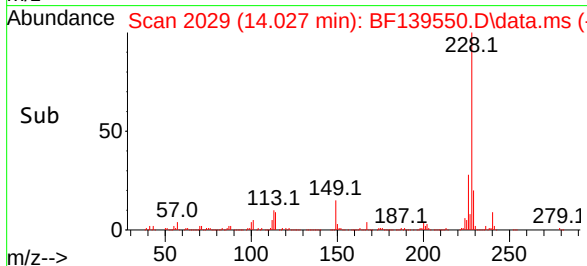
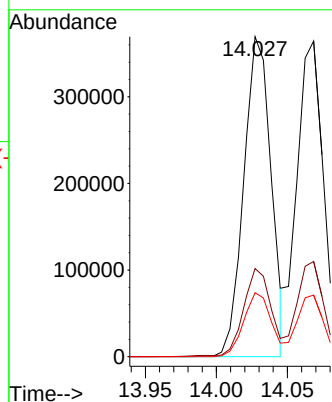
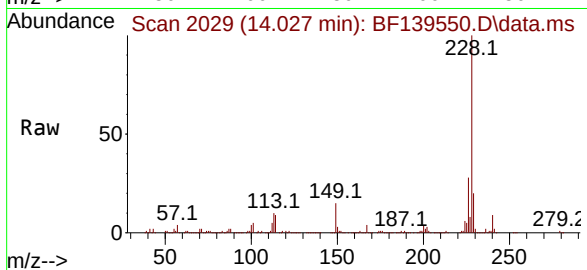
Tgt Ion:228 Resp: 493342

Ion Ratio Lower Upper

228 100

226 27.6 21.6 32.4

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 44.555 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

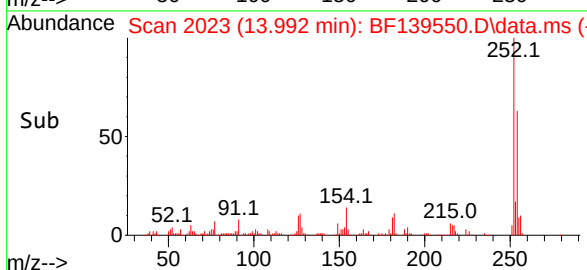
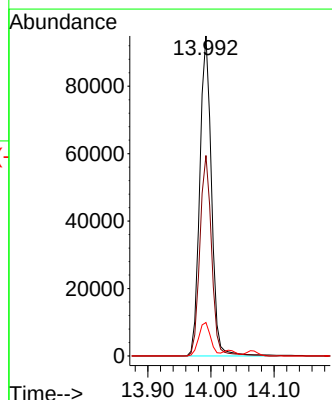
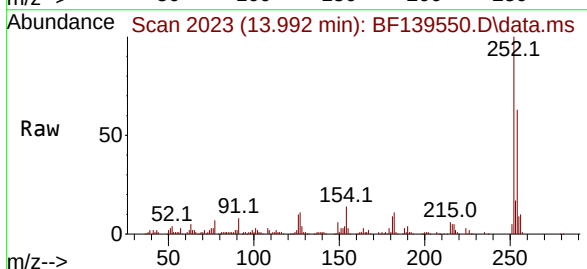
Tgt Ion:252 Resp: 121888

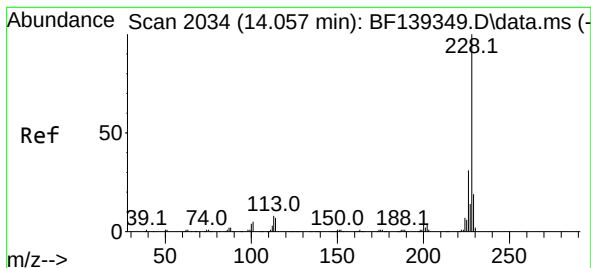
Ion Ratio Lower Upper

252 100

254 62.6 51.4 77.2

126 10.4 7.7 11.5





#83

Chrysene

Concen: 55.058 ng

RT: 14.068 min Scan# 2034

Delta R.T. 0.012 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

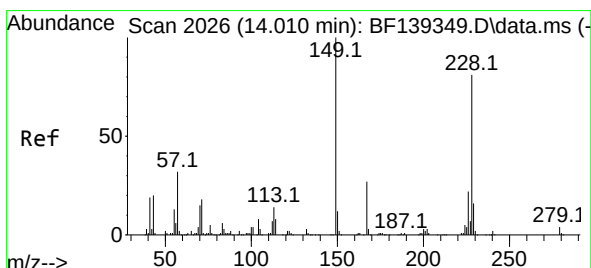
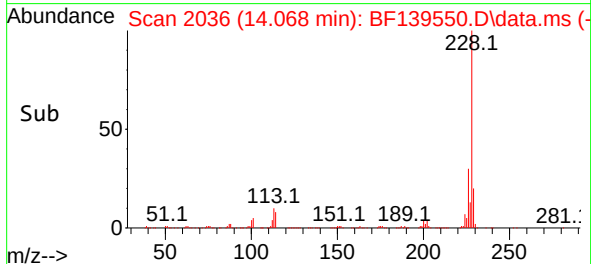
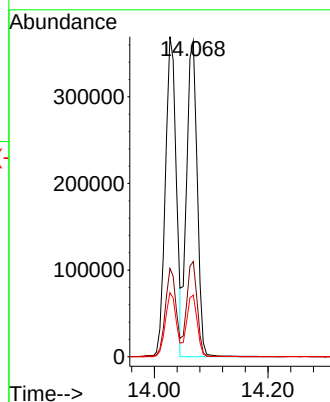
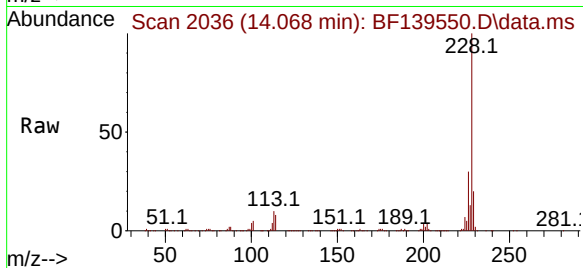
Tgt Ion:228 Resp: 473184

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.5 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.759 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

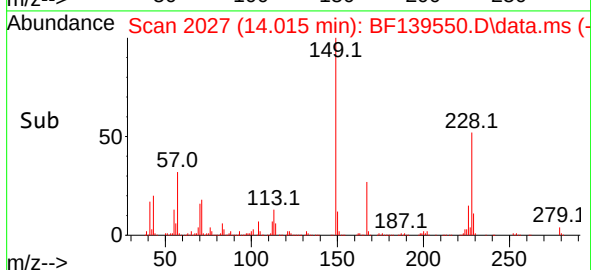
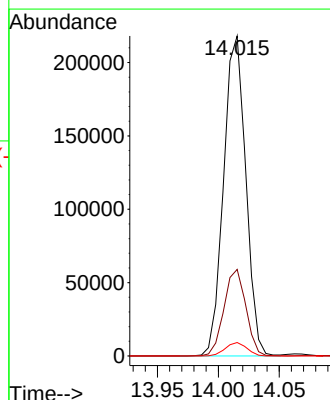
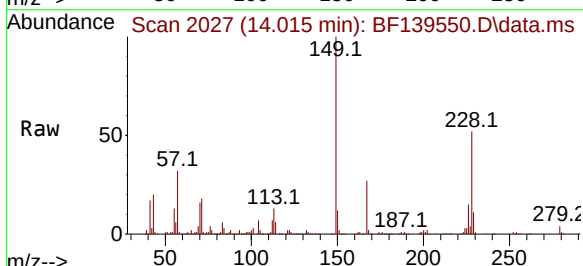
Tgt Ion:149 Resp: 276633

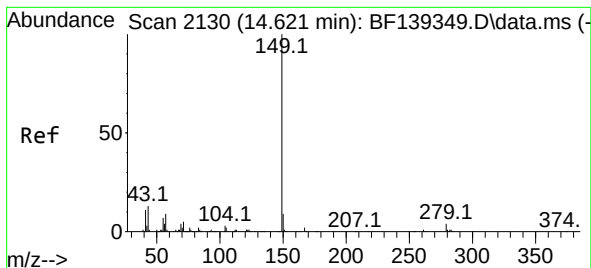
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 60.001 ng

RT: 14.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

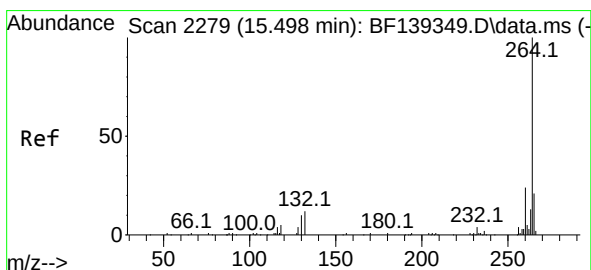
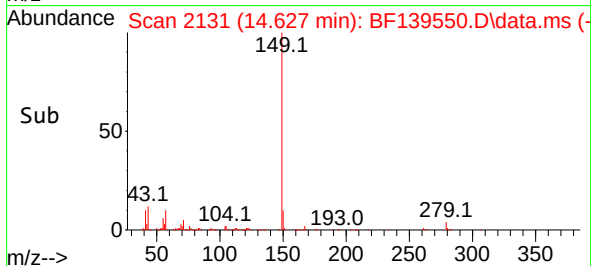
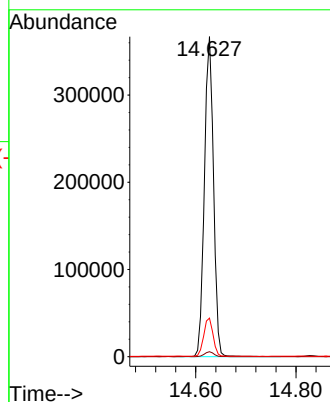
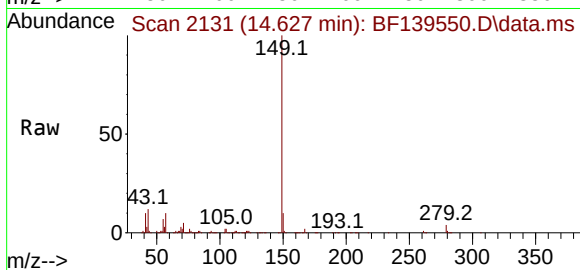
Tgt Ion:149 Resp: 463322

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.3 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

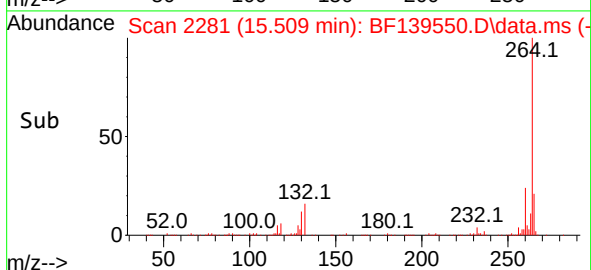
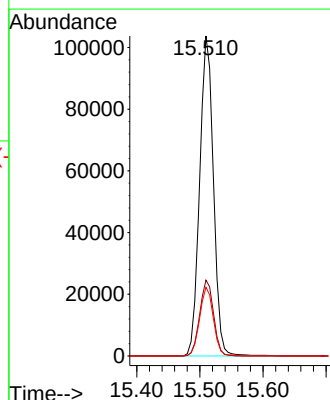
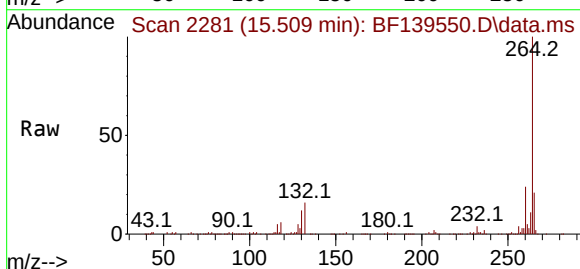
Tgt Ion:264 Resp: 157414

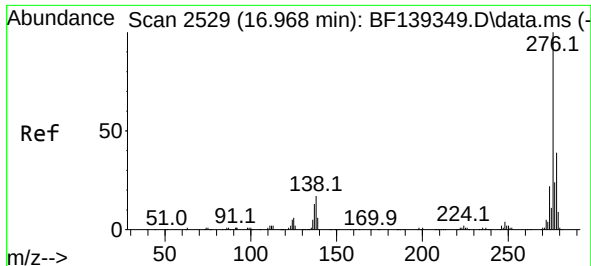
Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.4 16.6 25.0

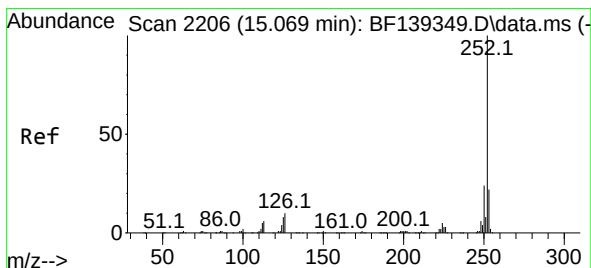
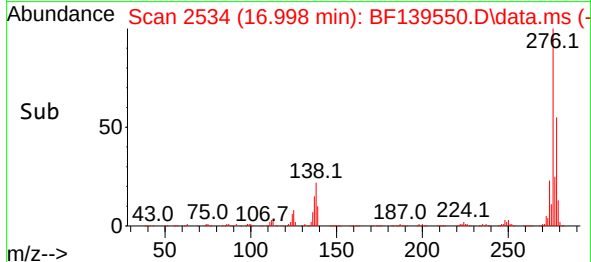
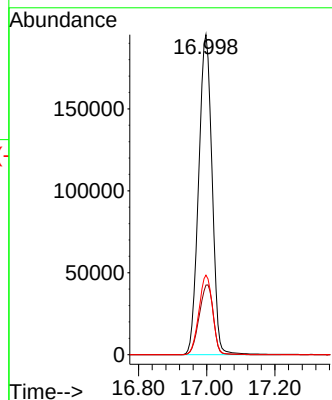
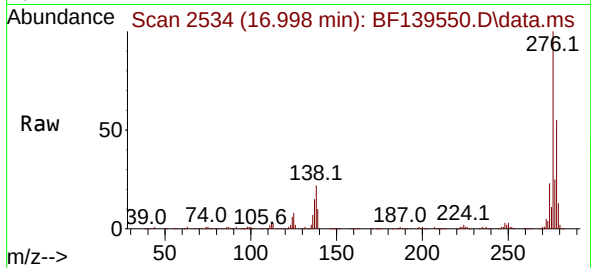




#87
Indeno(1,2,3-cd)pyrene
Concen: 57.007 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

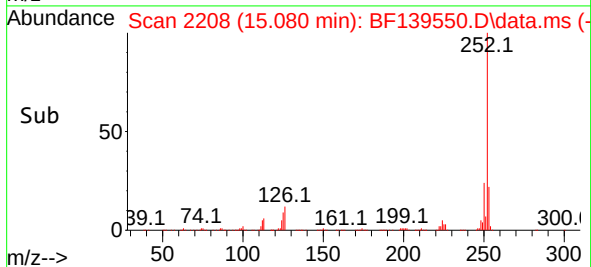
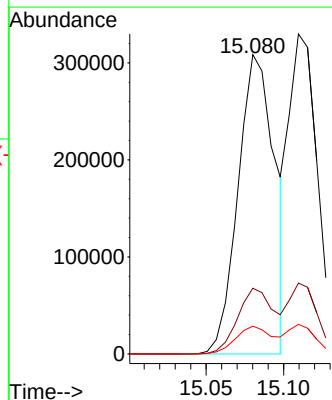
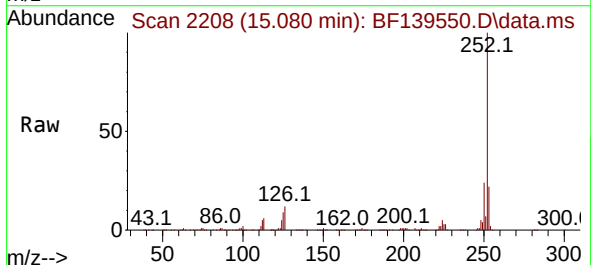
Instrument :
BNA_F
ClientSampleId :
PB163677BS

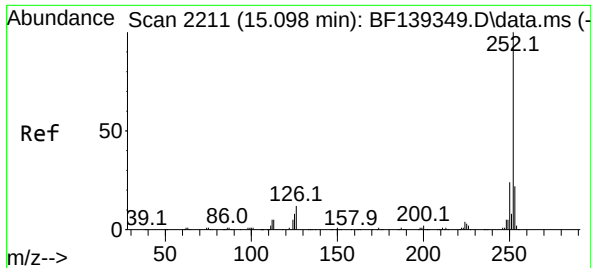
Tgt Ion:276 Resp: 533603
Ion Ratio Lower Upper
276 100
138 22.9 15.4 23.2
277 25.3 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 52.198 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:252 Resp: 506753
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.3 6.2 9.2#

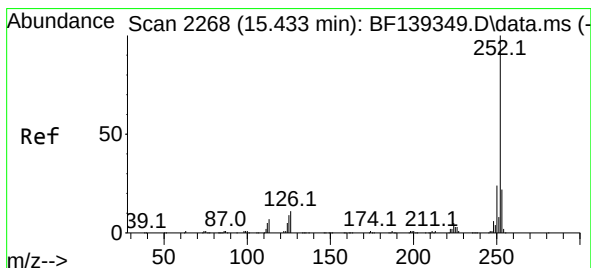
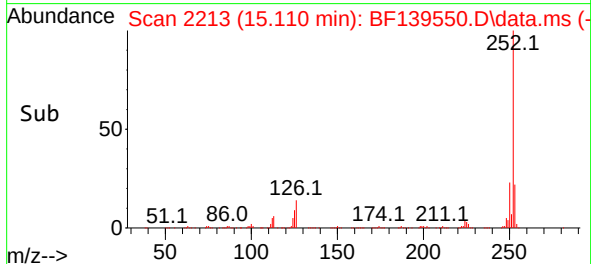
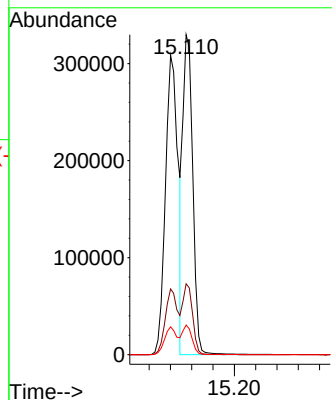
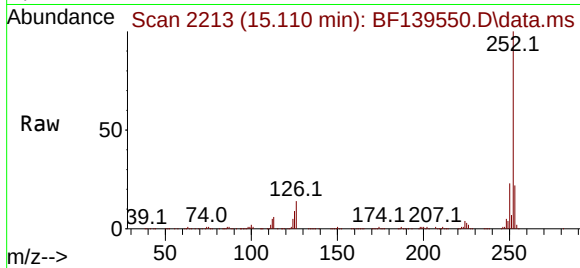




#89
Benzo(k)fluoranthene
Concen: 47.634 ng
RT: 15.110 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

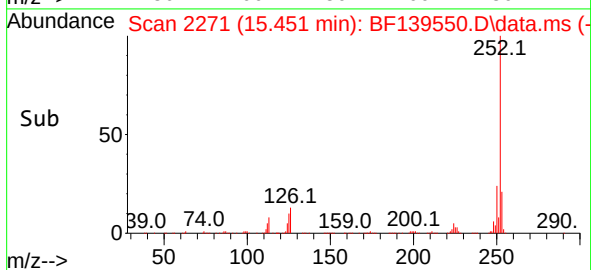
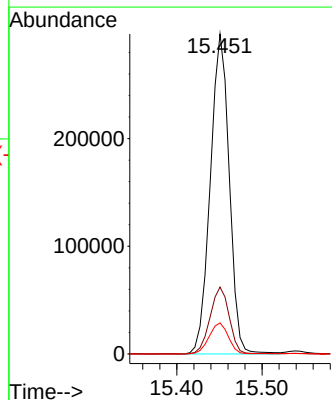
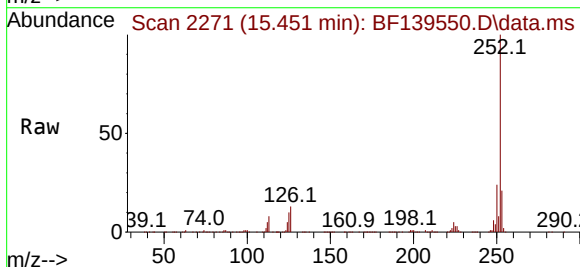
Instrument :
BNA_F
ClientSampleId :
PB163677BS

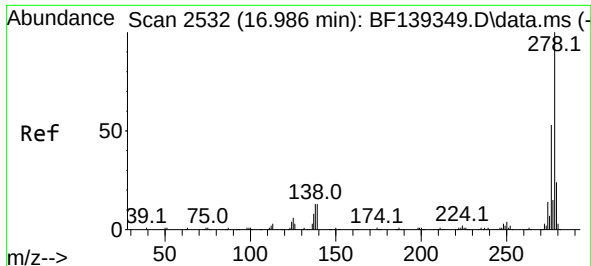
Tgt Ion:252 Resp: 426384
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.3 5.9 8.9#



#90
Benzo(a)pyrene
Concen: 57.040 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.017 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

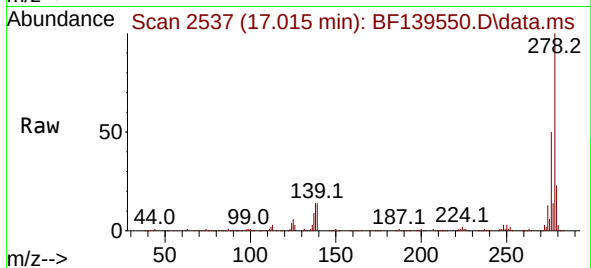
Tgt Ion:252 Resp: 459262
Ion Ratio Lower Upper
252 100
253 20.9 17.3 25.9
125 9.7 6.8 10.2



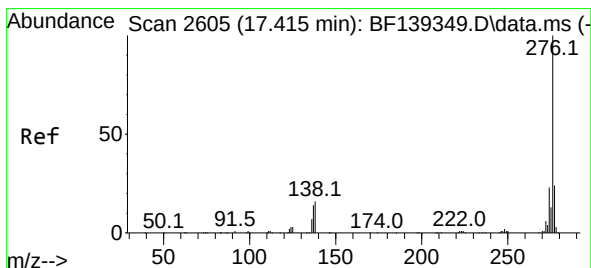
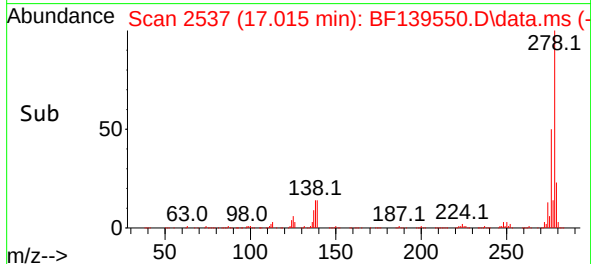
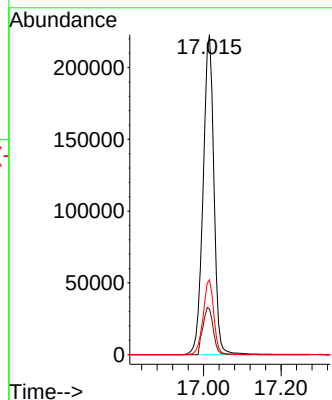


#91
Dibenzo(a,h)anthracene
Concen: 55.983 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :
BNA_F
ClientSampleId :
PB163677BS



Tgt Ion:278 Resp: 433005
Ion Ratio Lower Upper
278 100
139 14.4 10.2 15.2
279 23.4 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 51.871 ng
RT: 17.445 min Scan# 2610
Delta R.T. 0.029 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:276 Resp: 397246
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 20.1 13.0 19.6#

