

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139622.D
 Acq On : 03 Oct 2024 10:52
 Operator : RC/JU
 Sample : PB163811BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163811BS

Quant Time: Oct 03 11:42:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	96222	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	375547	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	222937	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	435381	20.000	ng	0.00
76) Chrysene-d12	14.033	240	246712	20.000	ng	0.00
86) Perylene-d12	15.504	264	200731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	775737	139.733	ng	0.02
7) Phenol-d6	6.504	99	1033654	138.455	ng	0.00
23) Nitrobenzene-d5	7.434	82	685298	92.390	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	302860	140.728	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1285824	88.544	ng	0.00
79) Terphenyl-d14	12.980	244	1514848	100.749	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	95948	39.976	ng	98
3) Pyridine	3.499	79	256208	43.891	ng	98
4) n-Nitrosodimethylamine	3.457	42	177629	46.488	ng	97
6) Aniline	6.534	93	330726	49.922	ng	100
8) 2-Chlorophenol	6.657	128	293078	49.275	ng	98
9) Benzaldehyde	6.422	77	108822	27.517	ng	99
10) Phenol	6.522	94	382950	48.783	ng	87
11) bis(2-Chloroethyl)ether	6.604	93	280316	43.856	ng	98
12) 1,3-Dichlorobenzene	6.810	146	295911	44.225	ng	99
13) 1,4-Dichlorobenzene	6.887	146	298129	43.993	ng	99
14) 1,2-Dichlorobenzene	7.040	146	288407	45.409	ng	99
15) Benzyl Alcohol	7.010	79	283318	49.668	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	513005	46.362	ng	89
17) 2-Methylphenol	7.128	107	237541	47.839	ng	97
18) Hexachloroethane	7.381	117	111389	44.067	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	223731	46.613	ng	98
20) 3+4-Methylphenols	7.281	107	303702	48.695	ng	96
22) Acetophenone	7.281	105	400856	44.968	ng	99
24) Nitrobenzene	7.451	77	336298	43.785	ng	99
25) Isophorone	7.692	82	612019	46.456	ng	99
26) 2-Nitrophenol	7.769	139	156234	47.316	ng	99
27) 2,4-Dimethylphenol	7.804	122	245424	60.715	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	359165	45.655	ng	98
29) 2,4-Dichlorophenol	8.010	162	251522	47.705	ng	100
30) 1,2,4-Trichlorobenzene	8.092	180	257077	43.115	ng	99
31) Naphthalene	8.175	128	868099	45.210	ng	100
32) Benzoic acid	7.940	122	191471	47.637	ng	98
33) 4-Chloroaniline	8.222	127	165621	25.482	ng	99
34) Hexachlorobutadiene	8.287	225	162533	42.122	ng	100
35) Caprolactam	8.598	113	45102	26.081	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	288911	48.406	ng	100
37) 2-Methylnaphthalene	8.863	142	576252	46.080	ng	100
38) 1-Methylnaphthalene	8.963	142	534496	43.725	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	264850	42.782	ng	98
41) Hexachlorocyclopentadiene	9.016	237	308462	162.501	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	194168	46.526	ng	98

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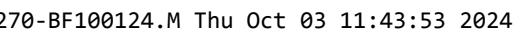
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	205263	45.608	ng	98
46) 1,1'-Biphenyl	9.328	154	730471	44.054	ng	100
47) 2-Chloronaphthalene	9.357	162	541267	43.543	ng	98
48) 2-Nitroaniline	9.451	65	213000	47.734	ng	99
49) Acenaphthylene	9.769	152	905179	47.883	ng	99
50) Dimethylphthalate	9.634	163	689912	47.275	ng	100
51) 2,6-Dinitrotoluene	9.692	165	151014	45.808	ng	99
52) Acenaphthene	9.939	154	565123	43.546	ng	100
53) 3-Nitroaniline	9.863	138	111361	33.056	ng	96
54) 2,4-Dinitrophenol	9.975	184	182032	102.661	ng	98
55) Dibenzofuran	10.116	168	827547	45.543	ng	99
56) 4-Nitrophenol	10.034	139	257969	100.413	ng	96
57) 2,4-Dinitrotoluene	10.098	165	207970	48.263	ng	99
58) Fluorene	10.457	166	658960	45.532	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	177991	48.966	ng	99
60) Diethylphthalate	10.333	149	708106	46.977	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	321522	44.407	ng	99
62) 4-Nitroaniline	10.481	138	161674	46.917	ng	98
63) Azobenzene	10.610	77	717386	47.324	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	119838	48.735	ng	97
66) n-Nitrosodiphenylamine	10.569	169	588868	45.885	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	198607	44.491	ng	99
68) Hexachlorobenzene	11.004	284	224401	45.302	ng	97
69) Atrazine	11.098	200	197798	57.445	ng	99
70) Pentachlorophenol	11.198	266	259744	88.063	ng	99
71) Phenanthrene	11.422	178	953514	46.448	ng	100
72) Anthracene	11.475	178	966226	47.576	ng	100
73) Carbazole	11.628	167	900592	46.171	ng	100
74) Di-n-butylphthalate	11.951	149	1133962	47.807	ng	100
75) Fluoranthene	12.610	202	1033844	46.070	ng	100
77) Benzidine	12.727	184	325922	74.895	ng	100
78) Pyrene	12.839	202	1053459	47.742	ng	99
80) Butylbenzylphthalate	13.451	149	412512	52.265	ng	100
81) Benzo(a)anthracene	14.021	228	790537	48.737	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	177324	35.721	ng	99
83) Chrysene	14.063	228	682122	45.998	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	542609	55.056	ng	99
85) Di-n-octyl phthalate	14.621	149	760344	52.514	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	601432	50.906	ng	100
88) Benzo(b)fluoranthene	15.074	252	578398	44.564	ng	100
89) Benzo(k)fluoranthene	15.104	252	571175	51.880	ng	100
90) Benzo(a)pyrene	15.439	252	526977	51.493	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	496262	50.643	ng	99
92) Benzo(g,h,i)perylene	17.427	276	455577	46.357	ng	99

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

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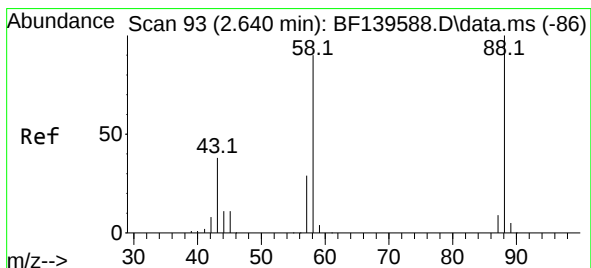
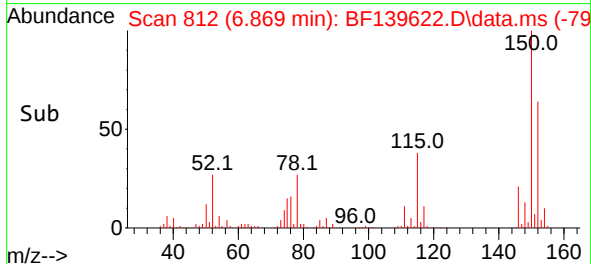
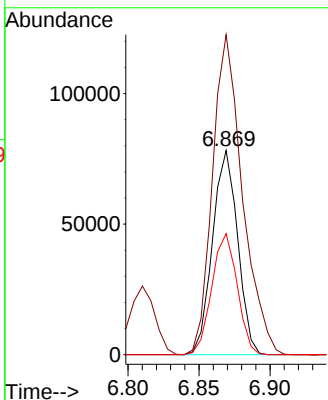
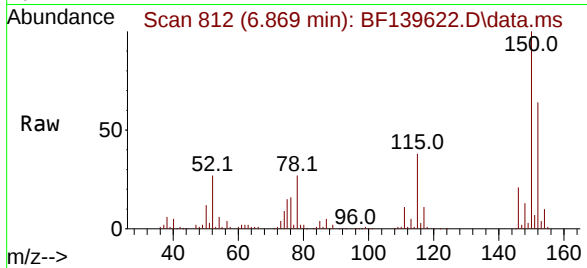




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF139622.D
 Acq: 03 Oct 2024 10:52

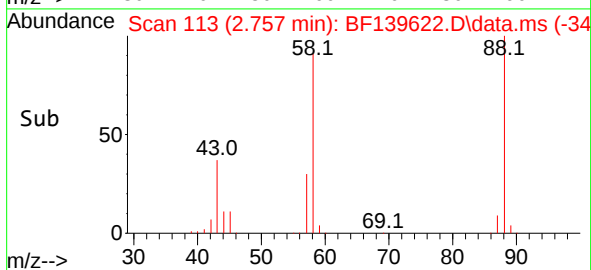
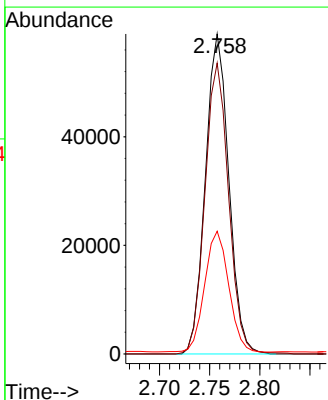
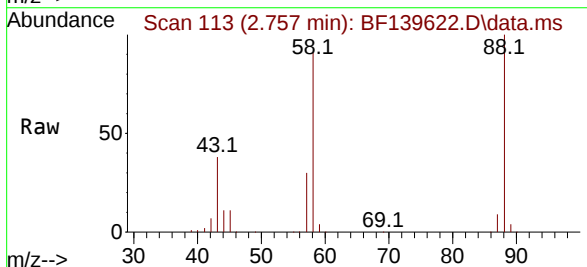
Instrument :
 BNA_F
 ClientSampleId :
 PB163811BS

Tgt Ion:152 Resp: 96222
 Ion Ratio Lower Upper
 152 100
 150 156.7 127.2 190.8
 115 59.3 49.0 73.4



#2
 1,4-Dioxane
 Concen: 39.976 ng
 RT: 2.757 min Scan# 113
 Delta R.T. 0.118 min
 Lab File: BF139622.D
 Acq: 03 Oct 2024 10:52

Tgt Ion: 88 Resp: 95948
 Ion Ratio Lower Upper
 88 100
 58 91.9 72.0 108.0
 43 38.8 30.8 46.2





#3

Pyridine

Concen: 43.891 ng

RT: 3.499 min Scan# 21

Delta R.T. 0.106 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

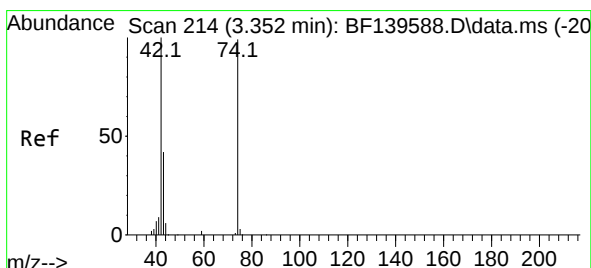
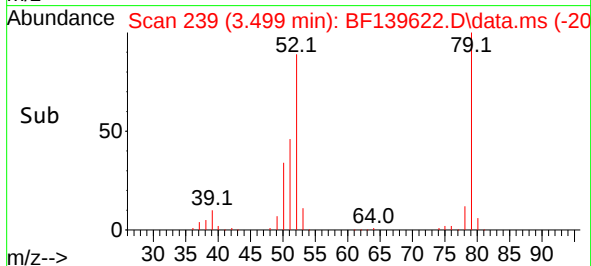
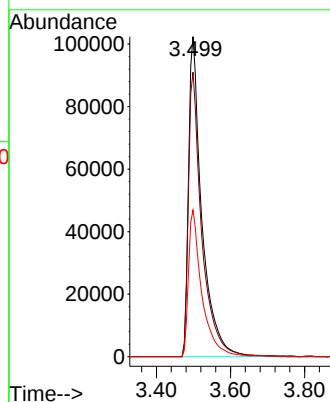
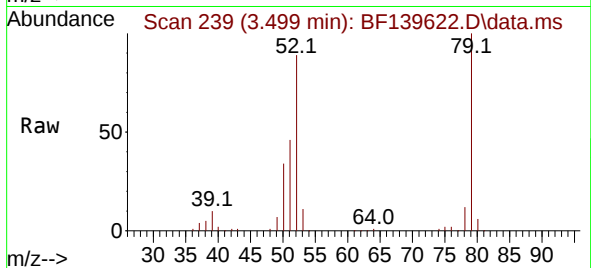
Tgt Ion: 79 Resp: 256208

Ion Ratio Lower Upper

79 100

52 88.9 72.6 109.0

51 45.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 46.488 ng

RT: 3.457 min Scan# 232

Delta R.T. 0.106 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

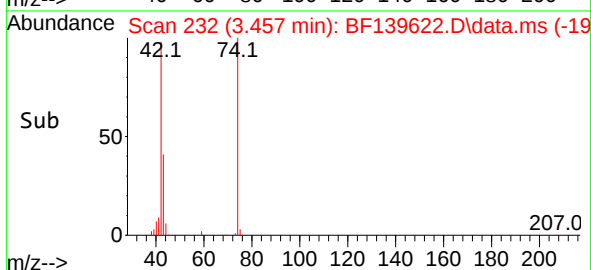
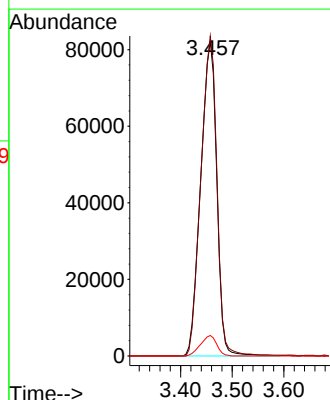
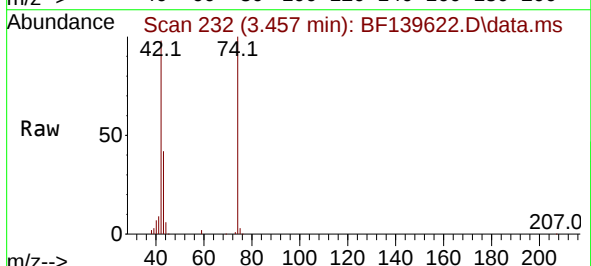
Tgt Ion: 42 Resp: 177629

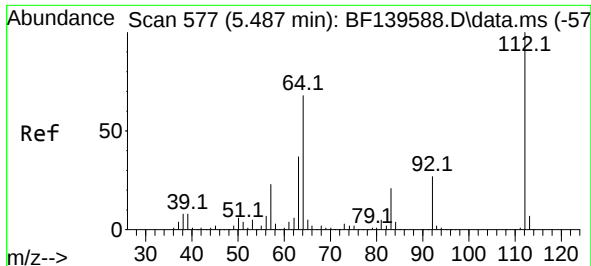
Ion Ratio Lower Upper

42 100

74 101.7 79.0 118.6

44 6.5 5.2 7.8

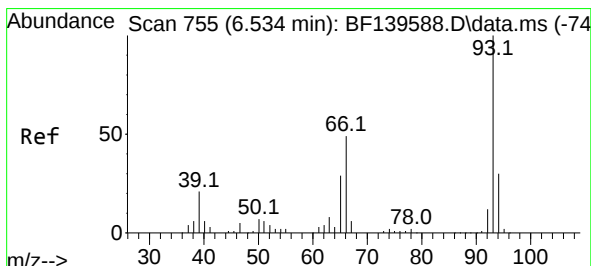
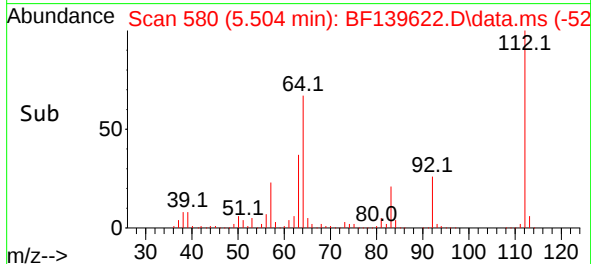
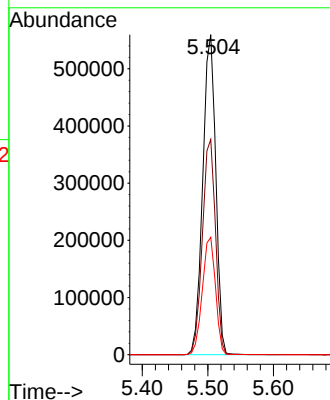
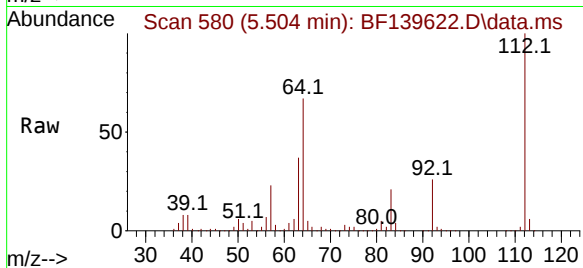




#5
2-Fluorophenol
Concen: 139.733 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

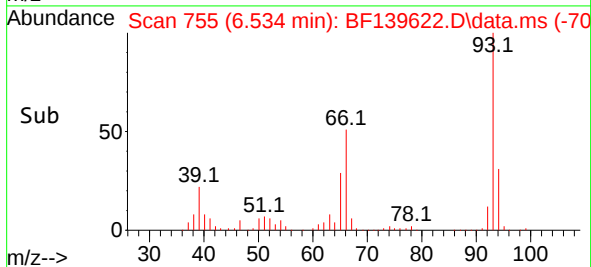
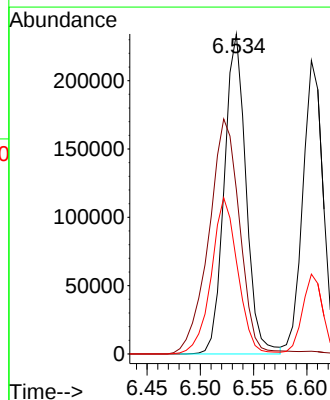
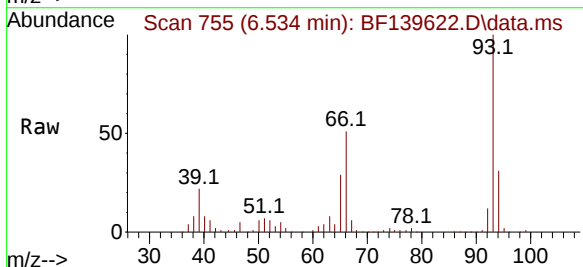
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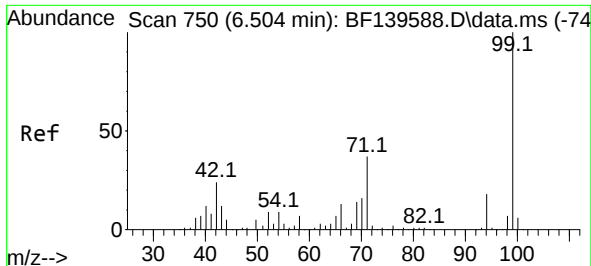
Tgt Ion:112 Resp: 775737
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 36.7 29.4 44.2



#6
Aniline
Concen: 49.922 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion: 93 Resp: 330726
Ion Ratio Lower Upper
93 100
66 51.4 40.9 61.3
65 29.0 23.3 34.9



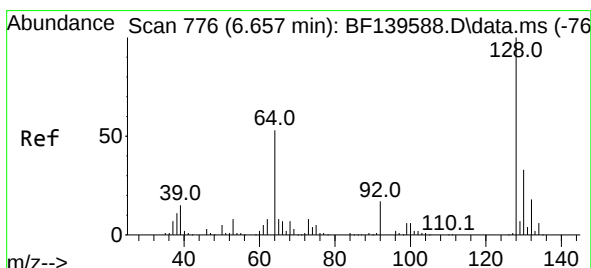
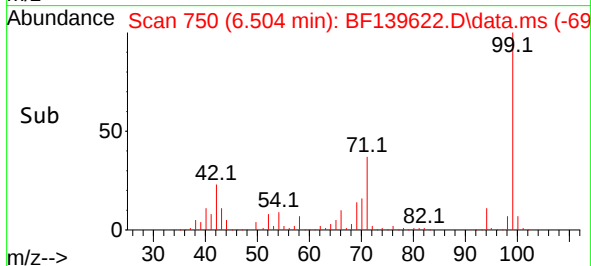
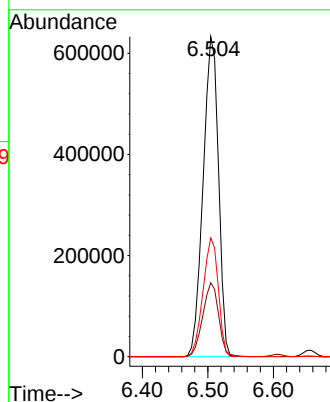
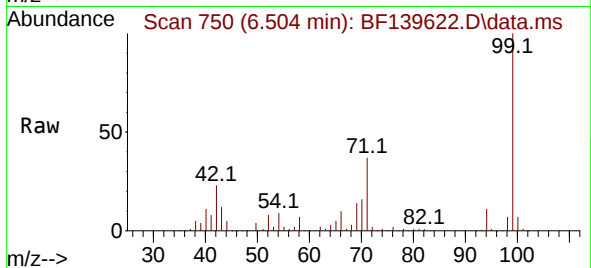


#7
Phenol-d6
Concen: 138.455 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Instrument :
BNA_F
ClientSampleId :
PB163811BS

Tgt Ion: 99 Resp: 1033654

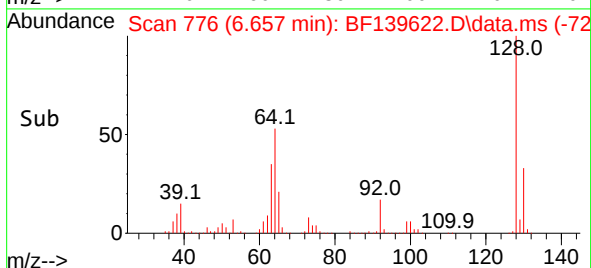
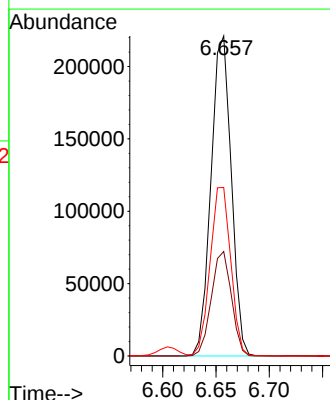
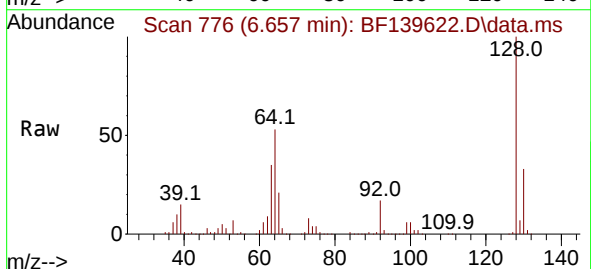
Ion	Ratio	Lower	Upper
99	100		
42	23.1	19.1	28.7
71	37.1	29.7	44.5



#8
2-Chlorophenol
Concen: 49.275 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:128 Resp: 293078

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.2	53.2
64	52.6	35.1	75.1





#9

Benzaldehyde

Concen: 27.517 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

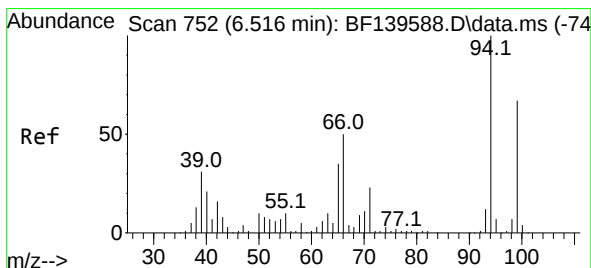
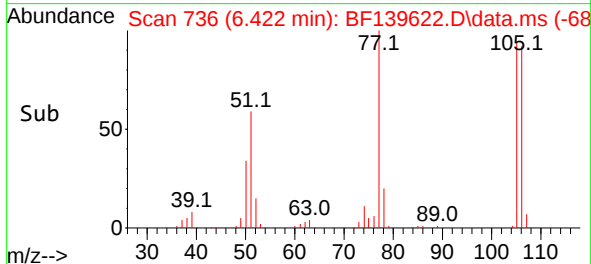
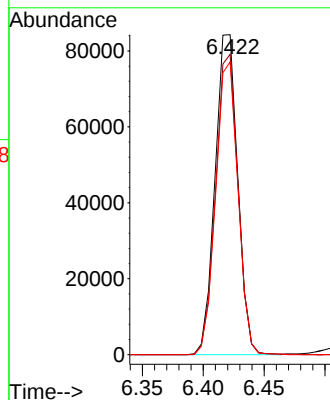
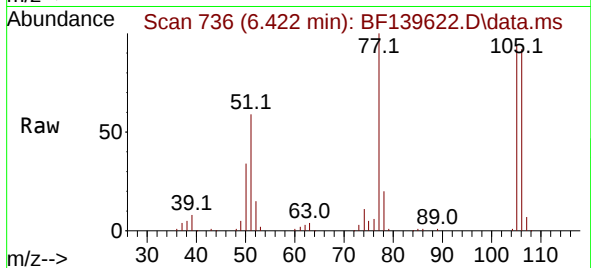
Tgt Ion: 77 Resp: 108822

Ion Ratio Lower Upper

77 100

105 93.9 72.7 112.7

106 91.5 70.1 110.1



#10

Phenol

Concen: 48.783 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

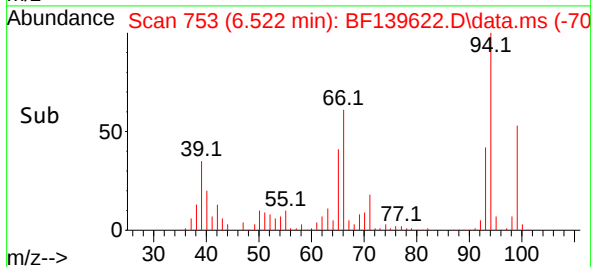
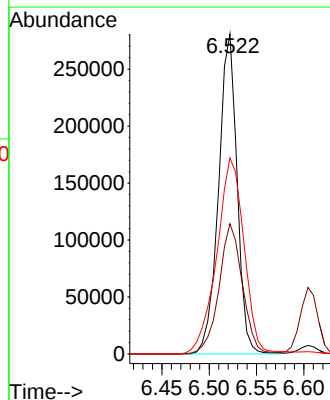
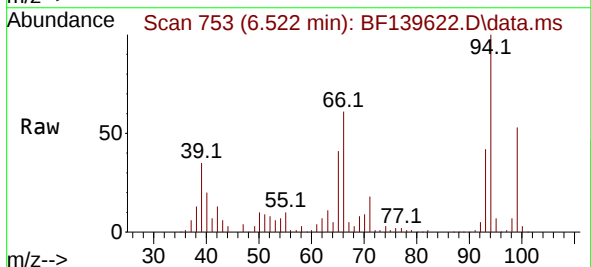
Tgt Ion: 94 Resp: 382950

Ion Ratio Lower Upper

94 100

65 40.7 15.3 55.3

66 61.2 30.5 70.5

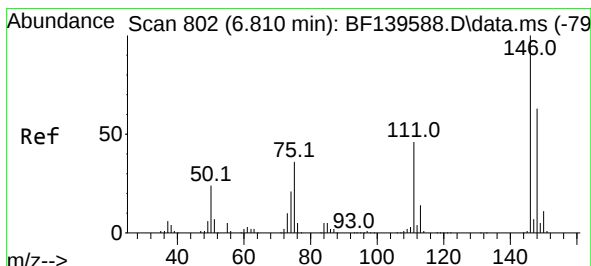
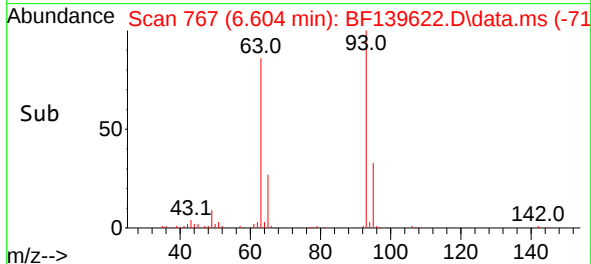
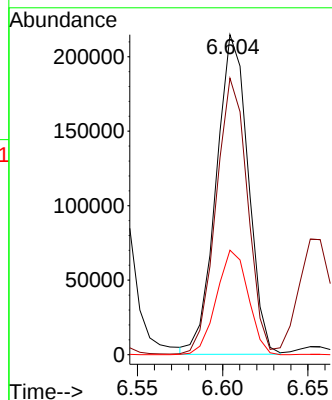
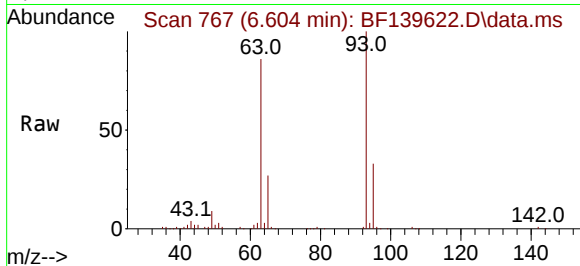




#11
bis(2-Chloroethyl)ether
Concen: 43.856 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

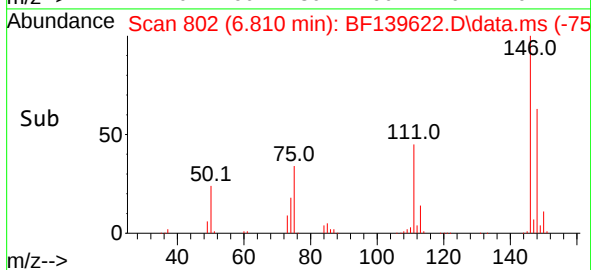
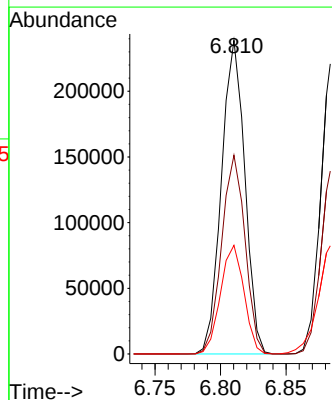
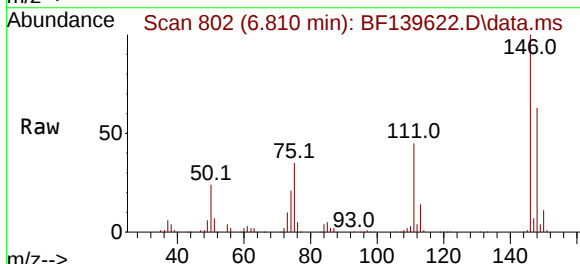
Instrument :
BNA_F
ClientSampleId :
PB163811BS

Tgt Ion: 93 Resp: 280316
Ion Ratio Lower Upper
93 100
63 86.4 64.1 104.1
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.225 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion: 146 Resp: 295911
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.4
75 34.7 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 43.993 ng

RT: 6.887 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

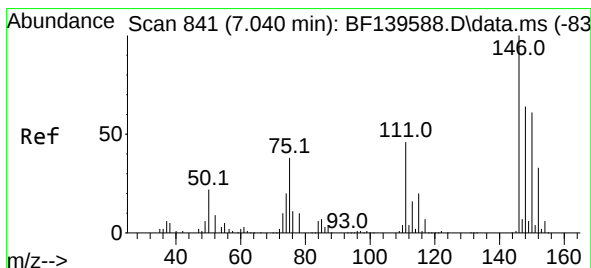
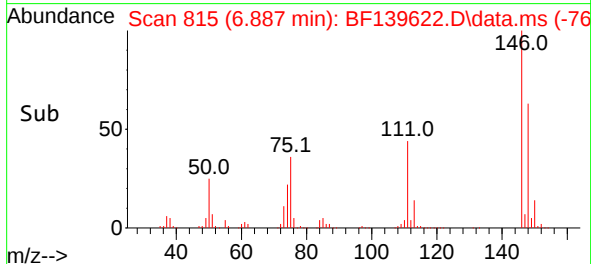
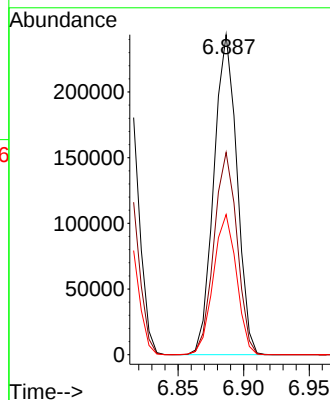
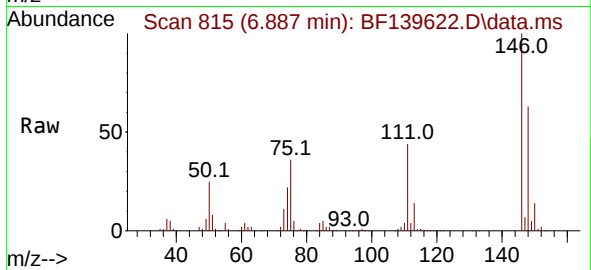
Tgt Ion:146 Resp: 298129

Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.6

111 43.8 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 45.409 ng

RT: 7.040 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

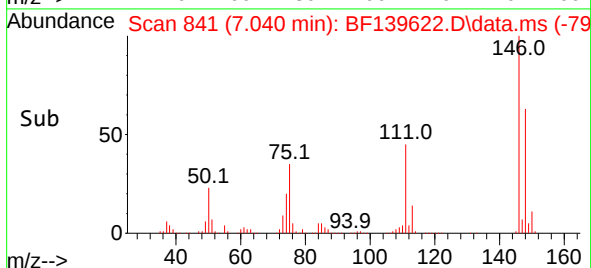
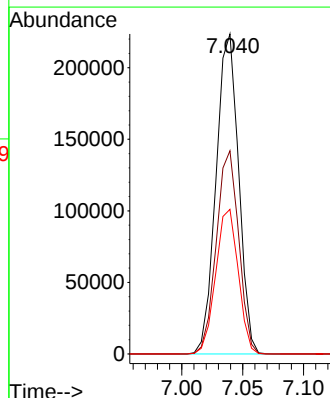
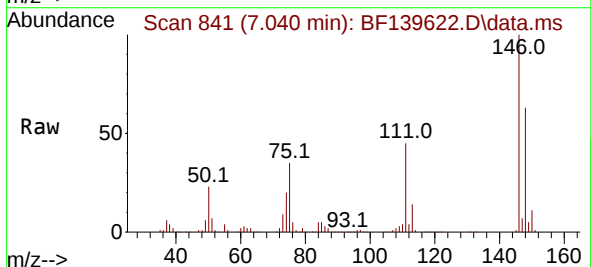
Tgt Ion:146 Resp: 288407

Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

111 45.2 37.0 55.6

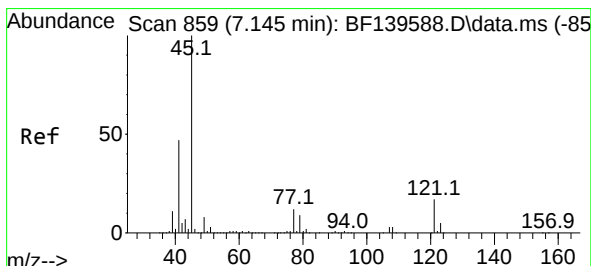
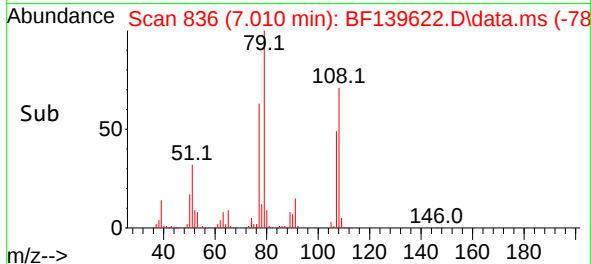
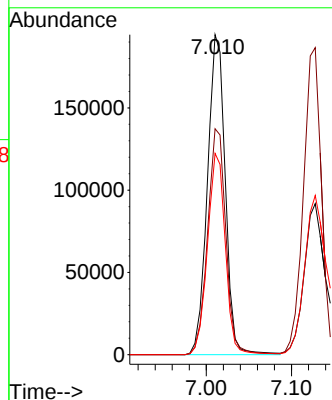
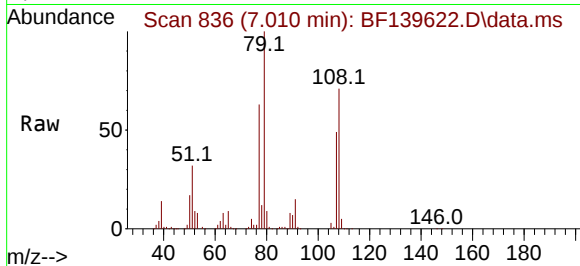




#15
Benzyl Alcohol
Concen: 49.668 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

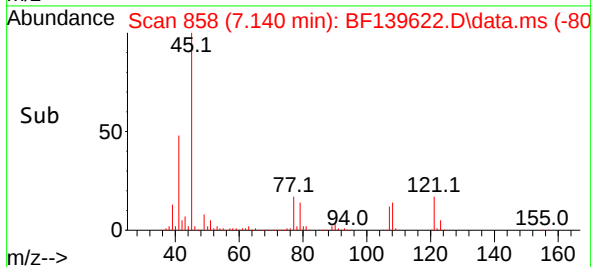
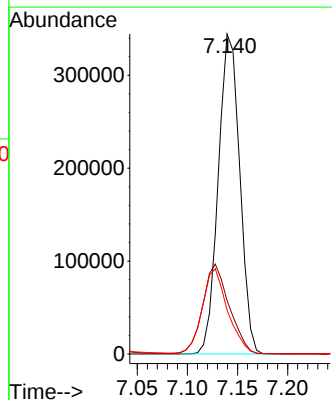
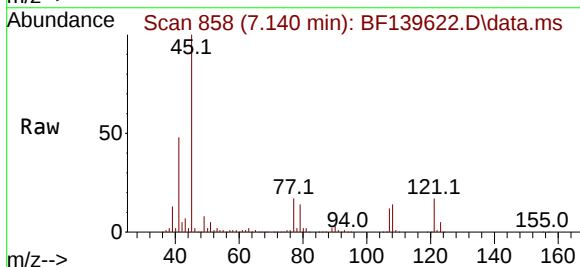
Instrument :
BNA_F
ClientSampleId :
PB163811BS

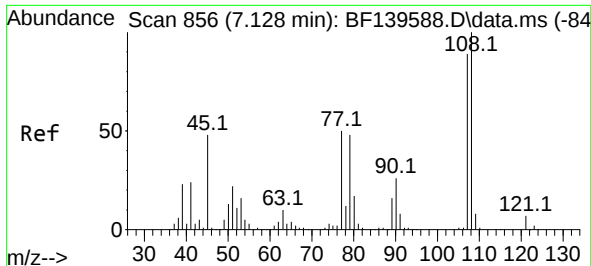
Tgt Ion: 79 Resp: 283318
Ion Ratio Lower Upper
79 100
108 70.6 55.1 82.7
77 62.9 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.362 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion: 45 Resp: 513005
Ion Ratio Lower Upper
45 100
77 16.7 0.0 32.5
79 13.7 0.0 29.7

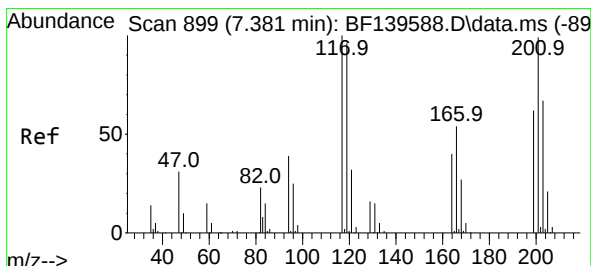
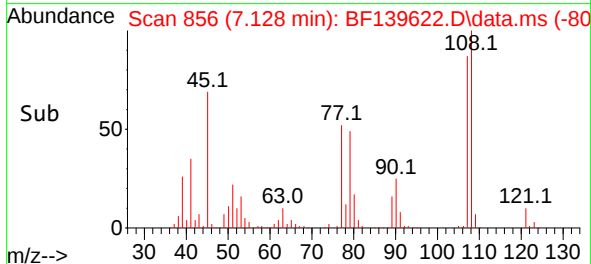
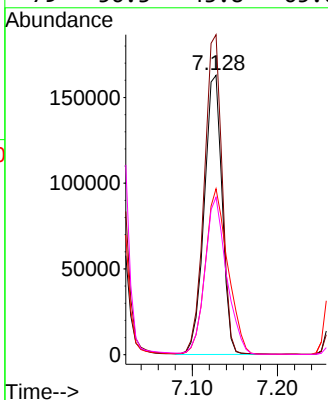
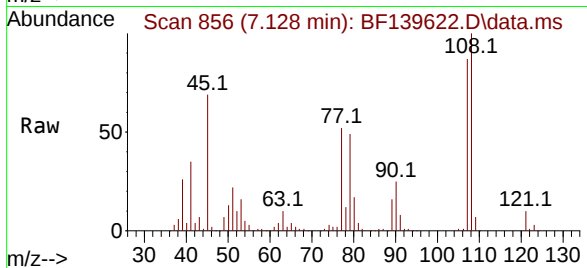




#17
2-Methylphenol
Concen: 47.839 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

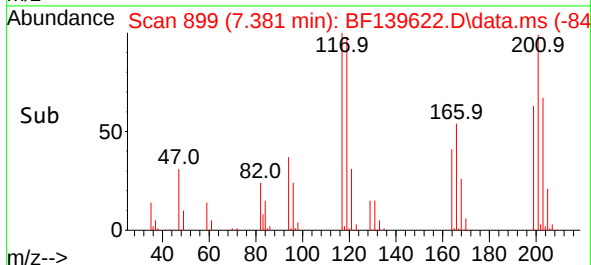
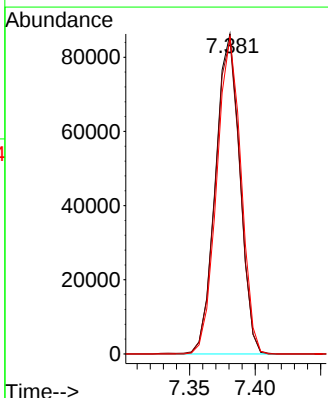
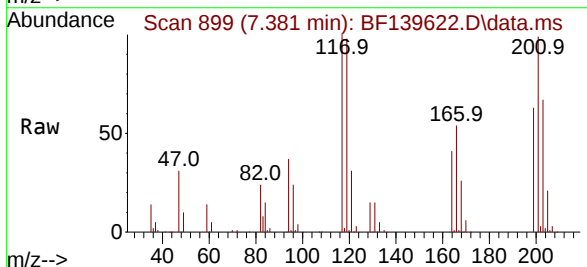
Instrument :
BNA_F
ClientSampleId :
PB163811BS

Tgt Ion:107 Resp: 237541
Ion Ratio Lower Upper
107 100
108 114.5 89.8 134.6
77 59.4 44.6 67.0
79 56.3 43.8 65.6



#18
Hexachloroethane
Concen: 44.067 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:117 Resp: 111389
Ion Ratio Lower Upper
117 100
119 98.2 77.0 115.6
201 99.2 79.2 118.8

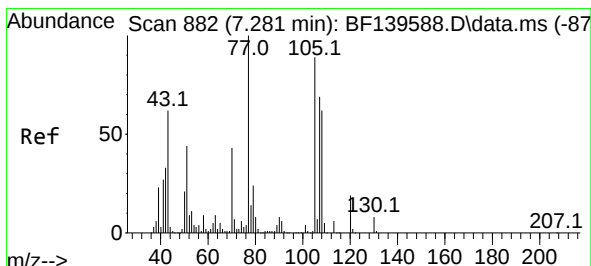
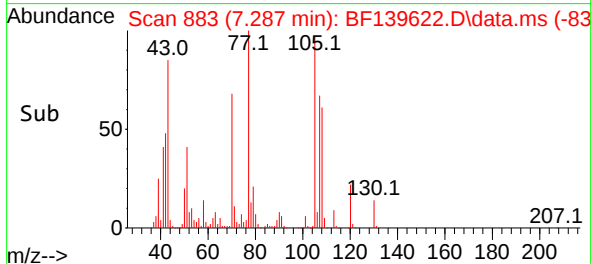
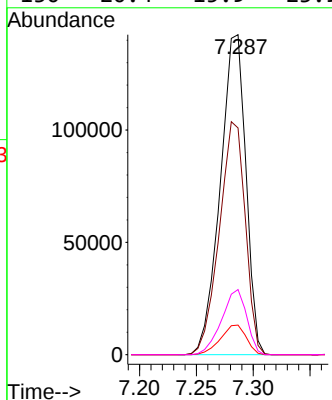
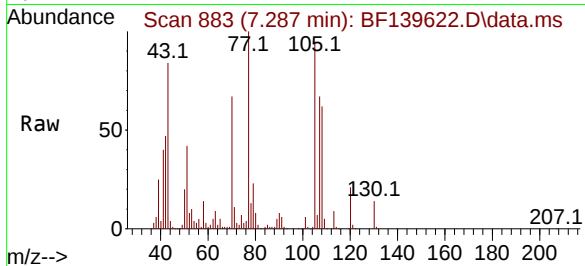




#19
n-Nitroso-di-n-propylamine
Concen: 46.613 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

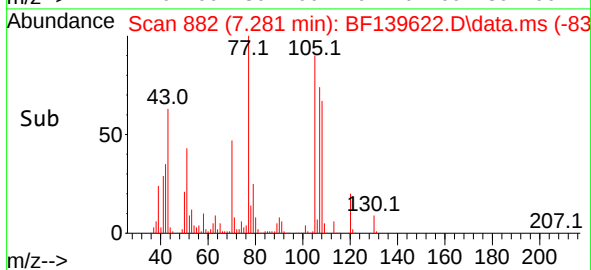
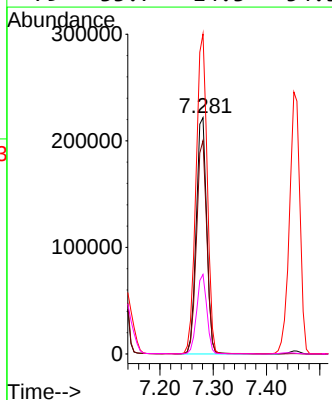
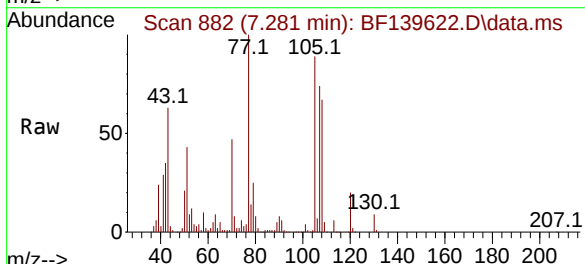
Instrument :
BNA_F
ClientSampleId :
PB163811BS

Tgt Ion: 70 Resp: 223731
Ion Ratio Lower Upper
70 100
42 70.9 58.0 87.0
101 9.3 7.8 11.8
130 20.4 15.9 23.9



#20
3+4-Methylphenols
Concen: 48.695 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion: 107 Resp: 303702
Ion Ratio Lower Upper
107 100
108 90.3 70.2 110.2
77 135.5 125.3 165.3
79 33.7 14.3 54.3

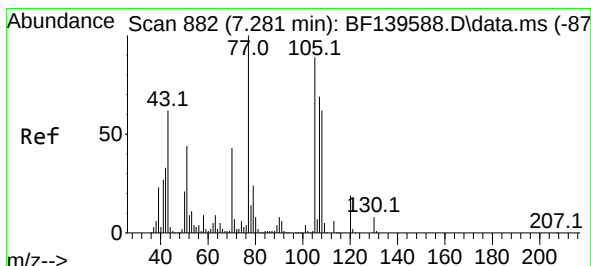
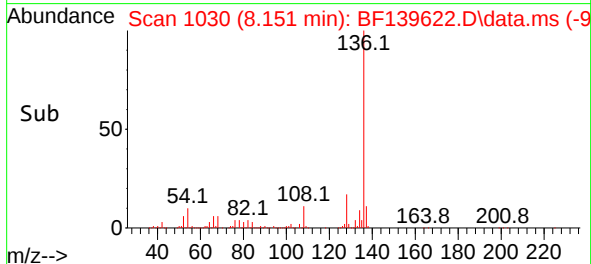
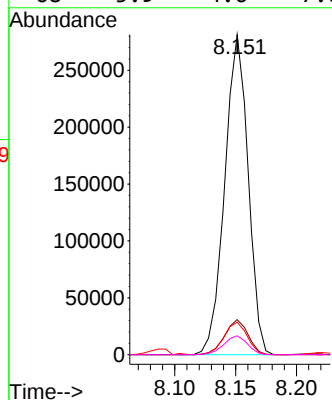
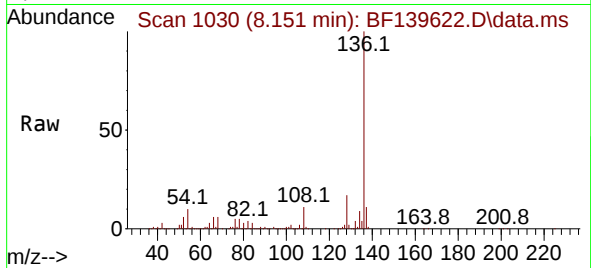




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

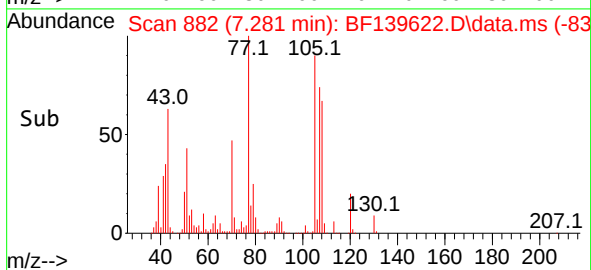
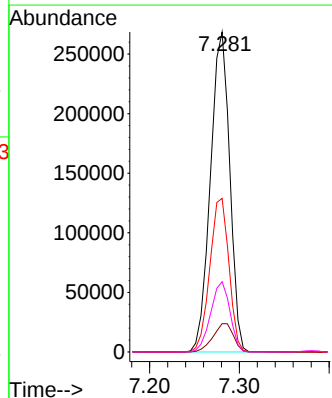
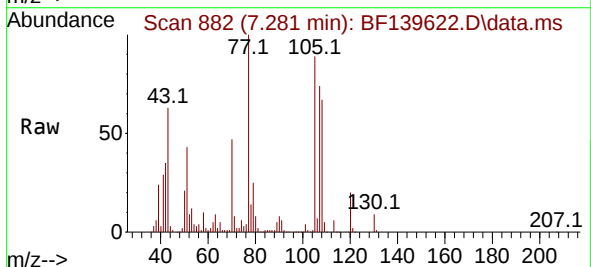
Instrument :
BNA_F
ClientSampleId :
PB163811BS

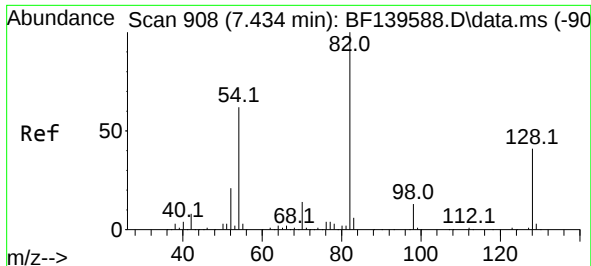
Tgt Ion:	136	Resp:	375547
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.1	8.3	12.5
68	5.9	4.6	7.0



#22
Acetophenone
Concen: 44.968 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:	105	Resp:	400856
Ion	Ratio	Lower	Upper
105	100		
71	8.9	6.6	10.0
51	48.0	39.4	59.0
120	21.9	17.4	26.2





#23

Nitrobenzene-d5

Concen: 92.390 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

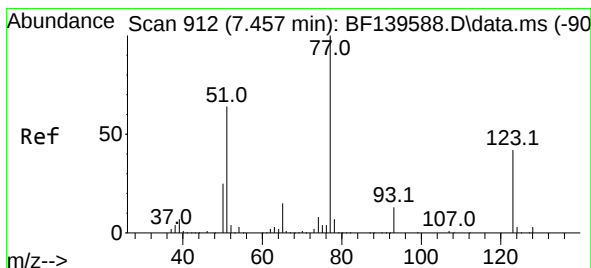
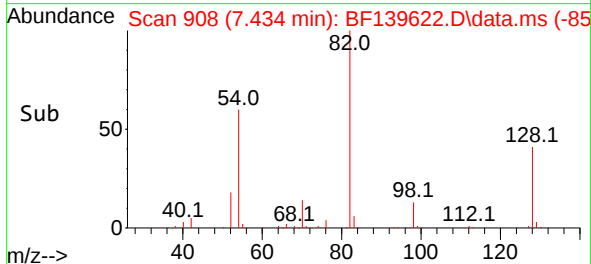
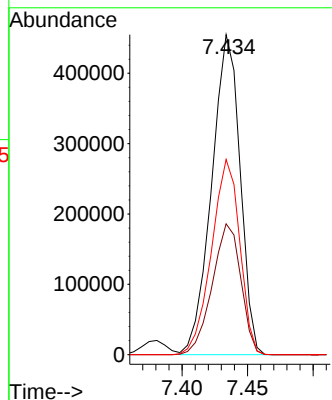
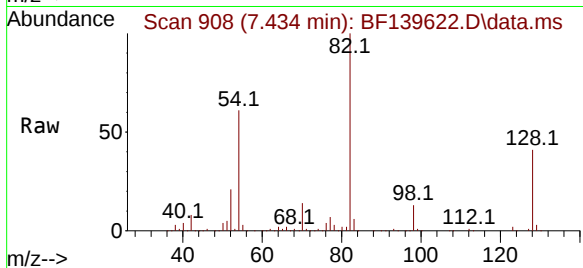
BNA_F

ClientSampleId :

PB163811BS

Tgt Ion: 82 Resp: 685298

Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.4	48.6
54	61.0	49.1	73.7



#24

Nitrobenzene

Concen: 43.785 ng

RT: 7.451 min Scan# 911

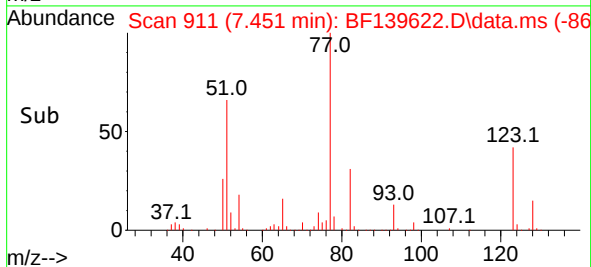
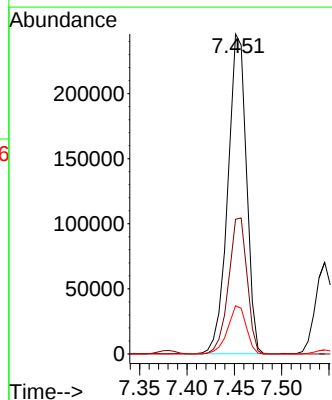
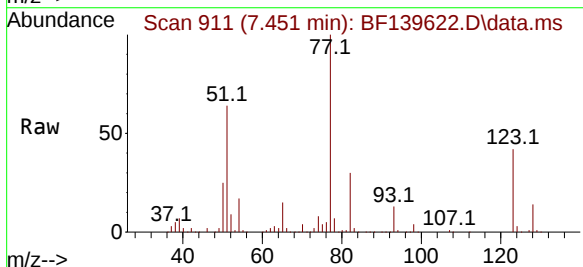
Delta R.T. -0.006 min

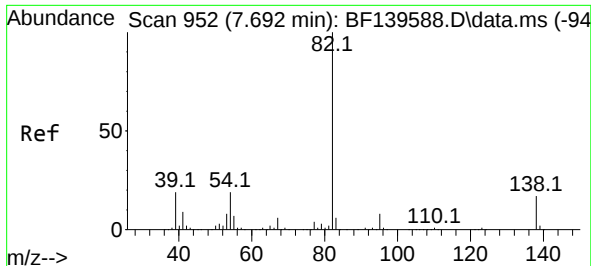
Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Tgt Ion: 77 Resp: 336298

Ion	Ratio	Lower	Upper
77	100		
123	42.1	34.2	51.4
65	15.0	12.1	18.1

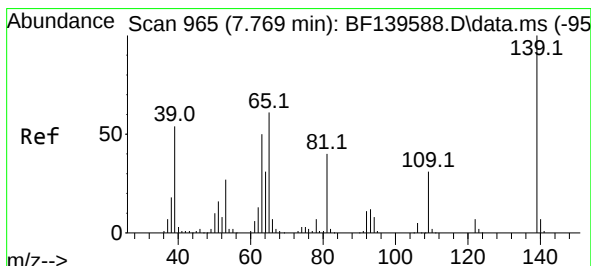
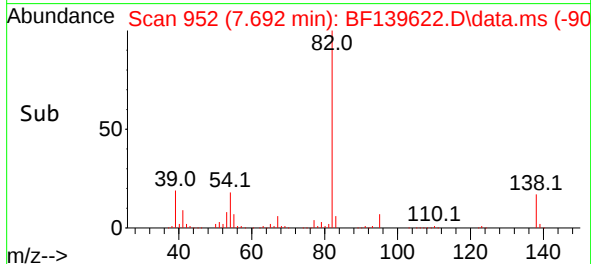
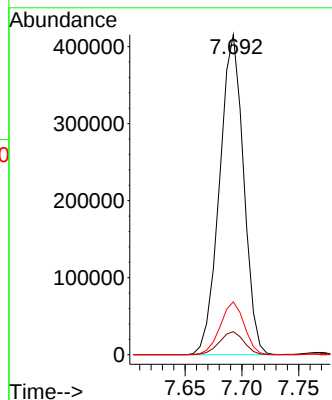
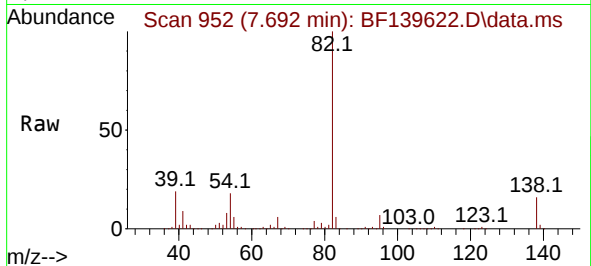




#25
Isophorone
Concen: 46.456 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

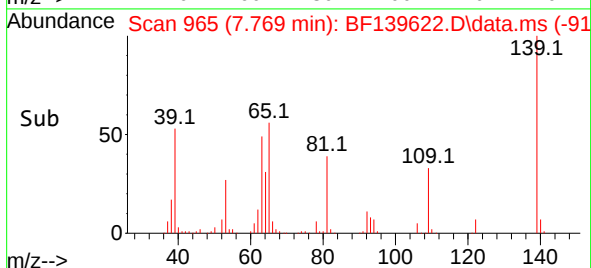
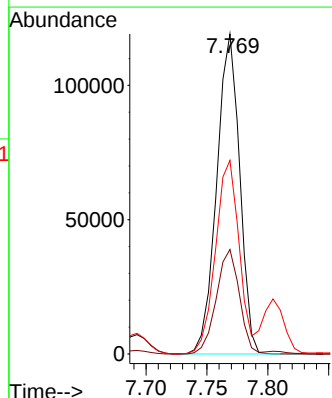
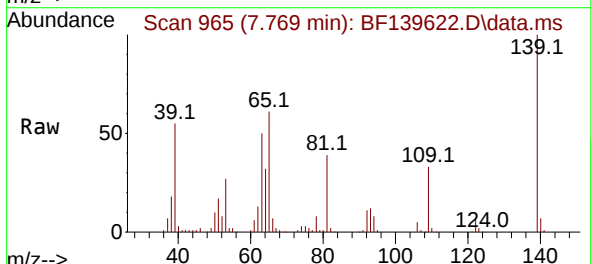
Instrument :
BNA_F
ClientSampleId :
PB163811BS

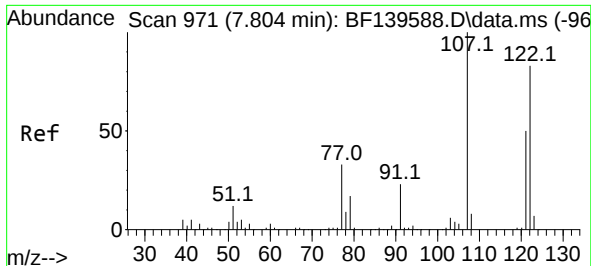
Tgt Ion: 82 Resp: 612019
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 16.5 13.4 20.2



#26
2-Nitrophenol
Concen: 47.316 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:139 Resp: 156234
Ion Ratio Lower Upper
139 100
109 32.6 24.9 37.3
65 60.5 48.6 72.8

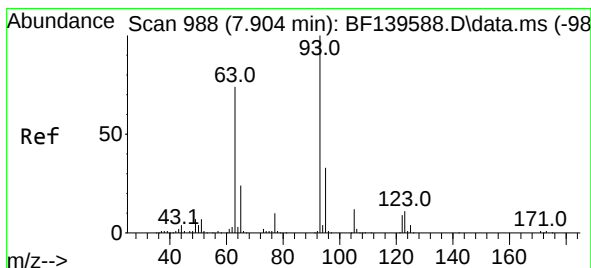
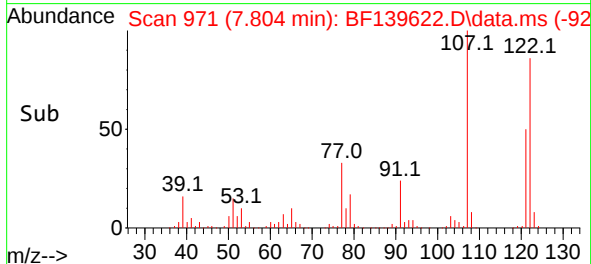
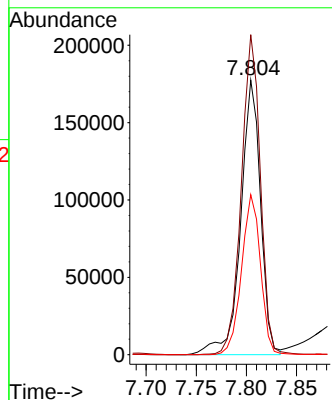
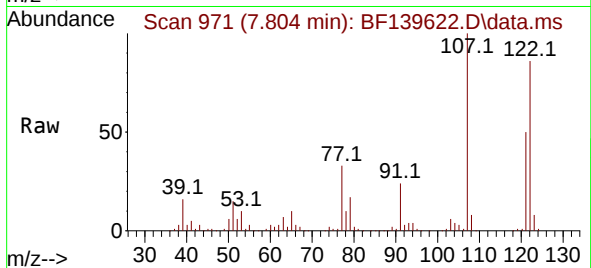




#27
2,4-Dimethylphenol
Concen: 60.715 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

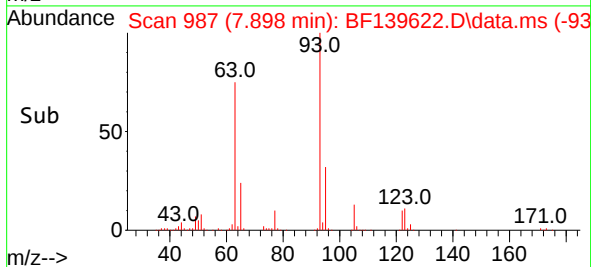
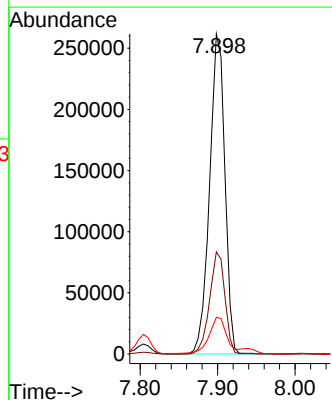
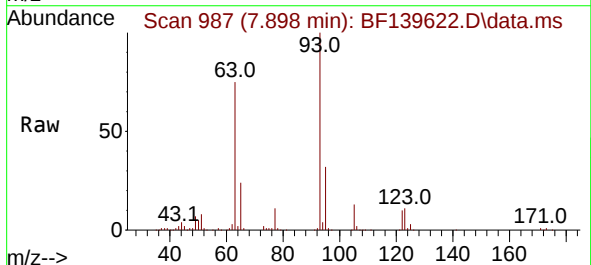
Instrument :
BNA_F
ClientSampleId :
PB163811BS

Tgt Ion:122 Resp: 245424
Ion Ratio Lower Upper
122 100
107 116.6 95.4 143.0
121 58.3 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 45.655 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion: 93 Resp: 359165
Ion Ratio Lower Upper
93 100
95 31.9 26.5 39.7
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.705 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

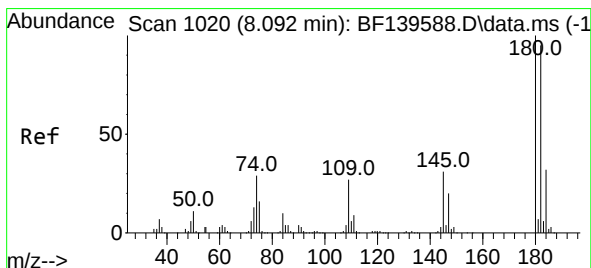
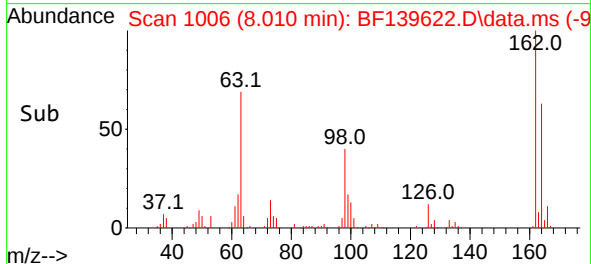
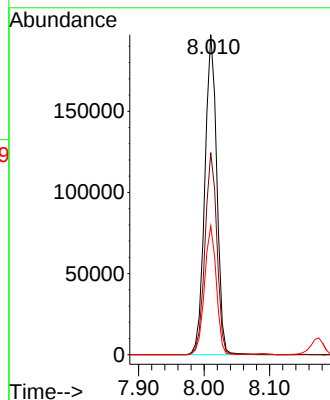
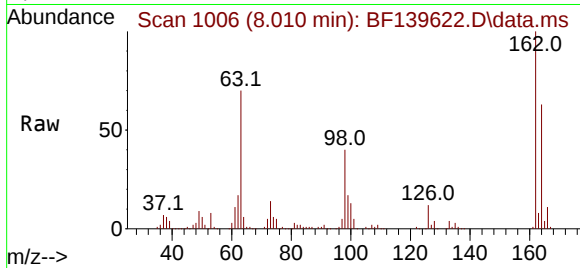
Tgt Ion:162 Resp: 251522

Ion Ratio Lower Upper

162 100

164 63.2 43.1 83.1

98 40.2 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 43.115 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

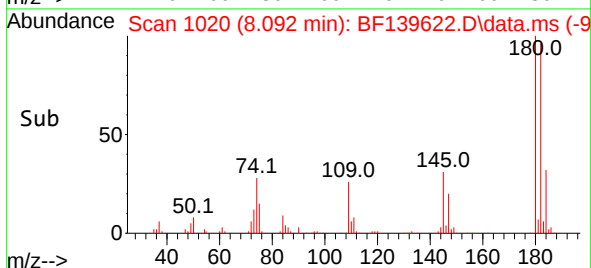
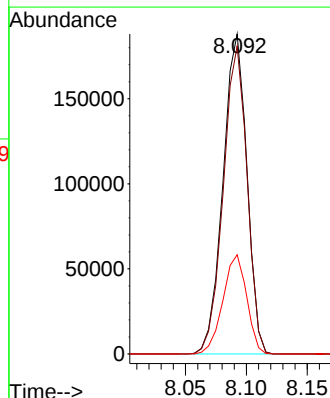
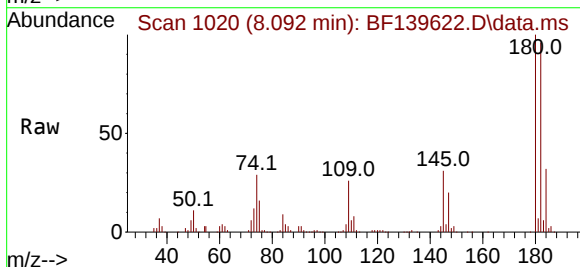
Tgt Ion:180 Resp: 257077

Ion Ratio Lower Upper

180 100

182 96.2 76.0 114.0

145 31.0 25.0 37.6

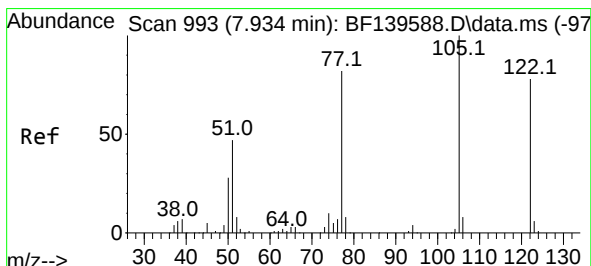
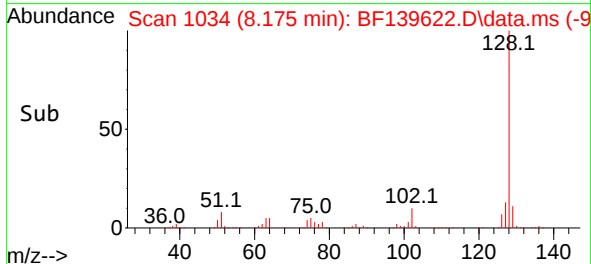
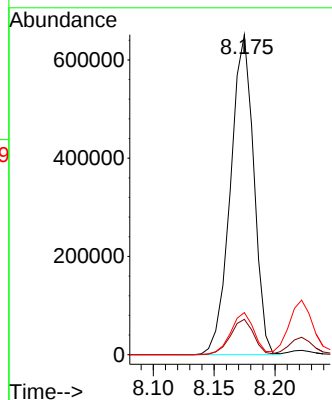
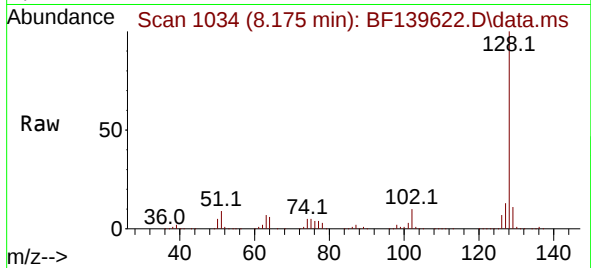




#31
Naphthalene
Concen: 45.210 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

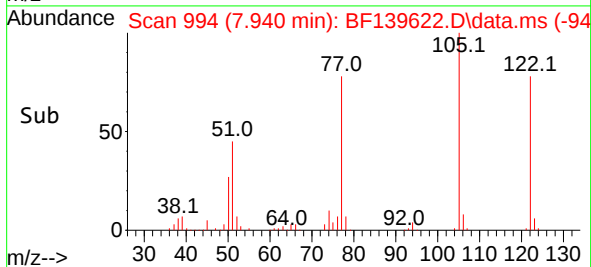
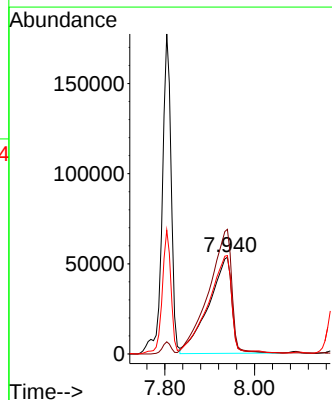
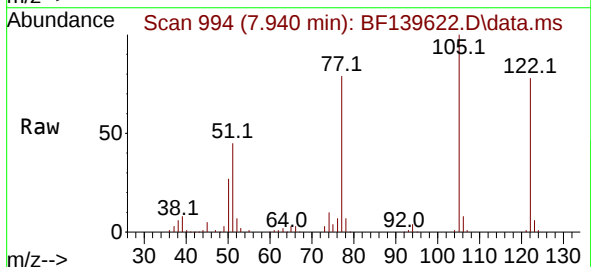
Instrument :
BNA_F
ClientSampleId :
PB163811BS

Tgt Ion:128 Resp: 868099
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 47.637 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:122 Resp: 191471
Ion Ratio Lower Upper
122 100
105 129.0 104.9 144.9
77 101.9 82.7 122.7

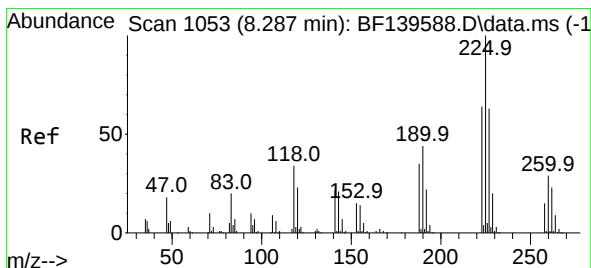
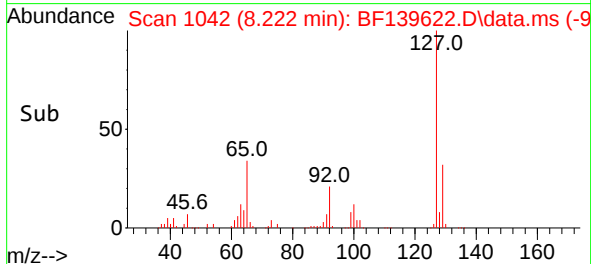
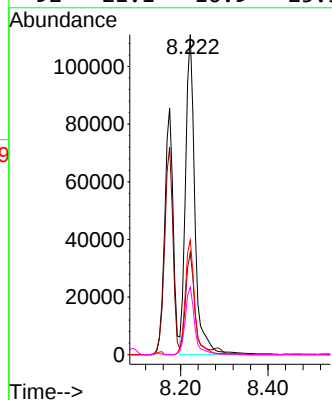
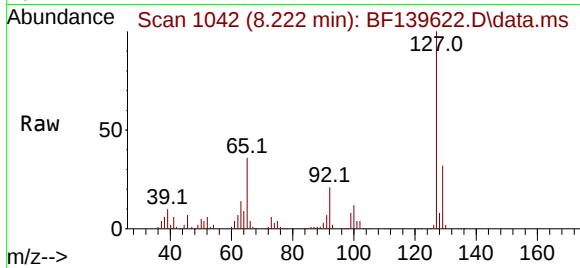




#33
4-Chloroaniline
Concen: 25.482 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

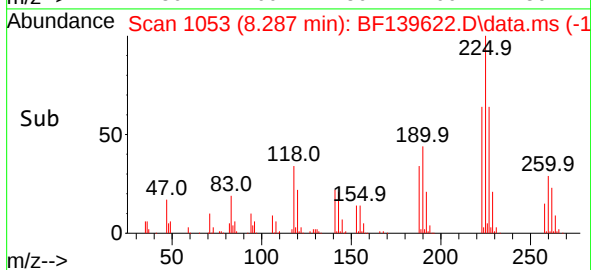
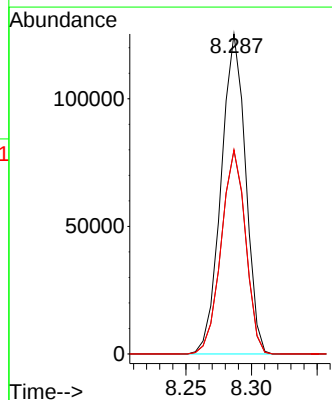
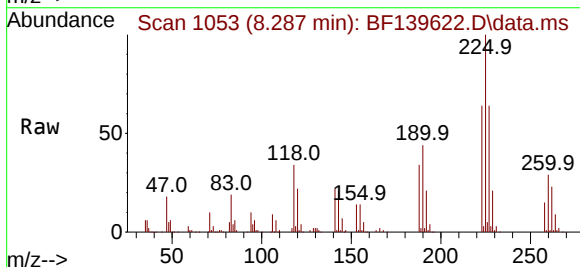
Instrument :
BNA_F
ClientSampleId :
PB163811BS

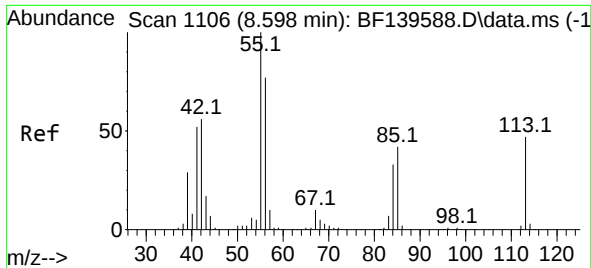
Tgt Ion:	127	Resp:	165621
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	35.8	29.3	43.9
92	21.1	16.9	25.3



#34
Hexachlorobutadiene
Concen: 42.122 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:	225	Resp:	162533
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	63.8	50.7	76.1

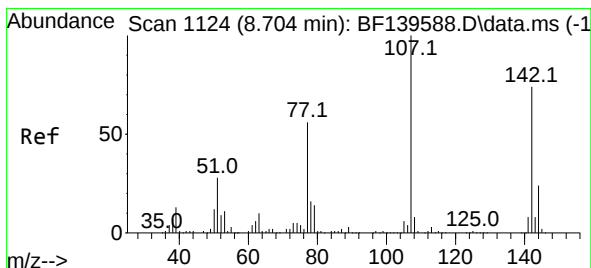
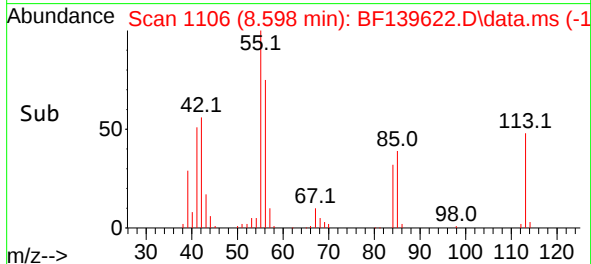
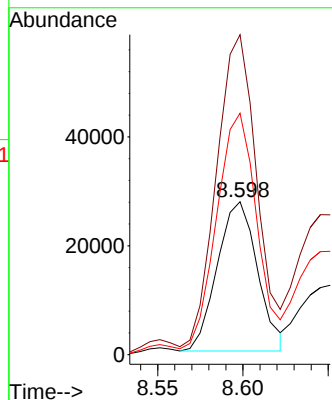
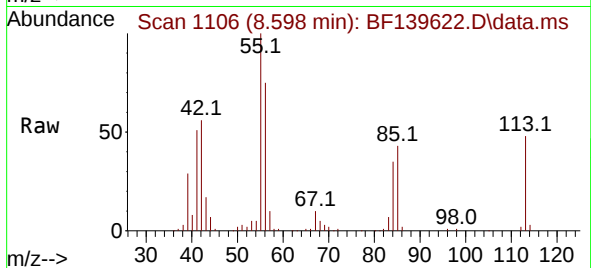




#35
 Caprolactam
 Concen: 26.081 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF139622.D
 Acq: 03 Oct 2024 10:52

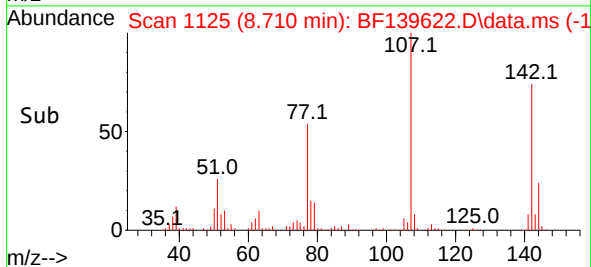
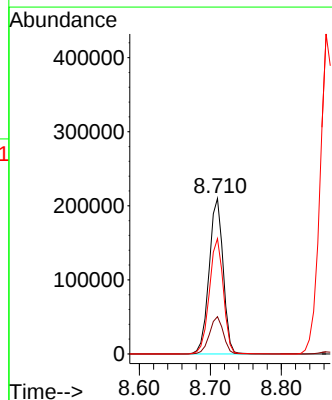
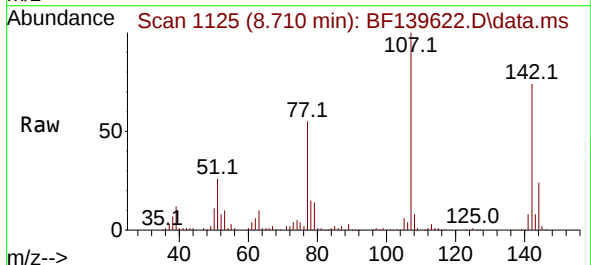
Instrument :
 BNA_F
 ClientSampleId :
 PB163811BS

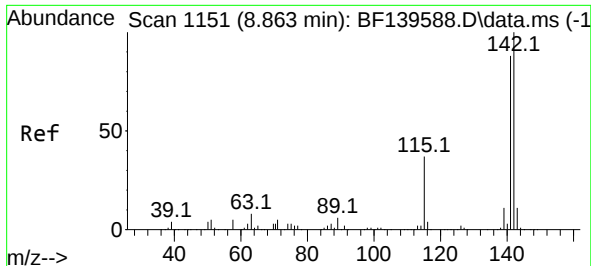
Tgt Ion:113 Resp: 45102
 Ion Ratio Lower Upper
 113 100
 55 209.1 193.4 233.4
 56 157.8 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 48.406 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139622.D
 Acq: 03 Oct 2024 10:52

Tgt Ion:107 Resp: 288911
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.0 28.6
 142 74.2 59.2 88.8





#37

2-Methylnaphthalene

Concen: 46.080 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

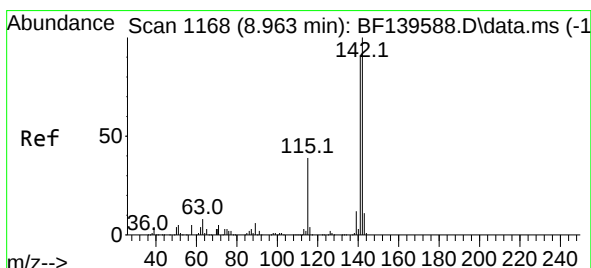
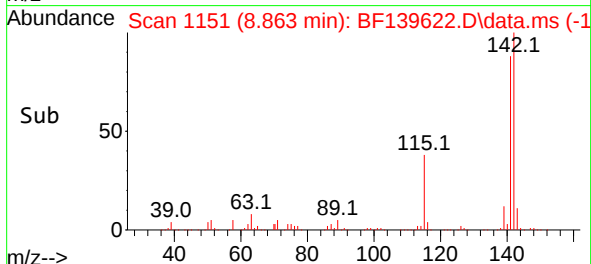
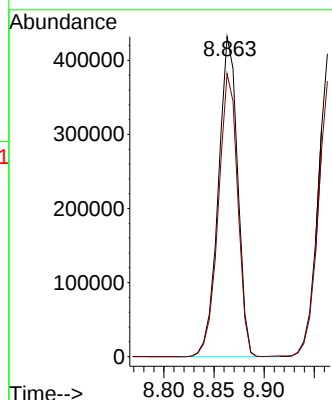
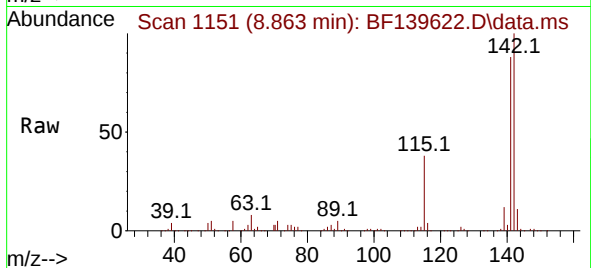
PB163811BS

Tgt Ion:142 Resp: 576252

Ion Ratio Lower Upper

142 100

141 88.4 70.4 105.6



#38

1-Methylnaphthalene

Concen: 43.725 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139622.D

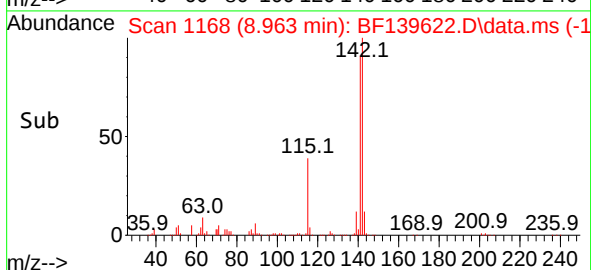
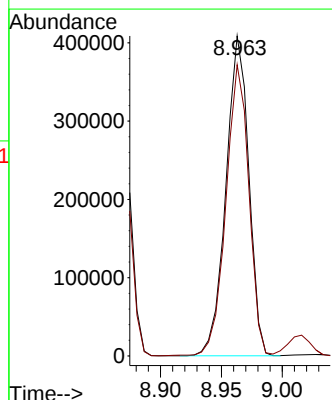
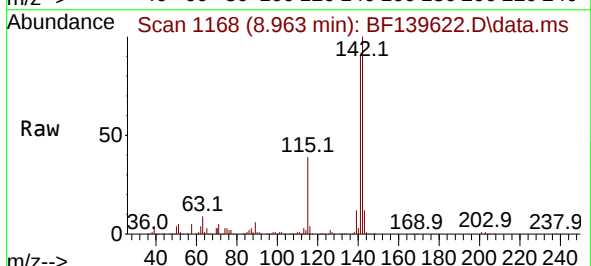
Acq: 03 Oct 2024 10:52

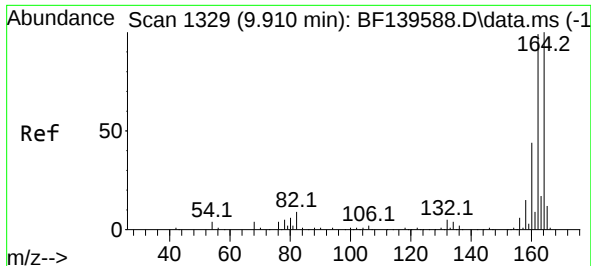
Tgt Ion:142 Resp: 534496

Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

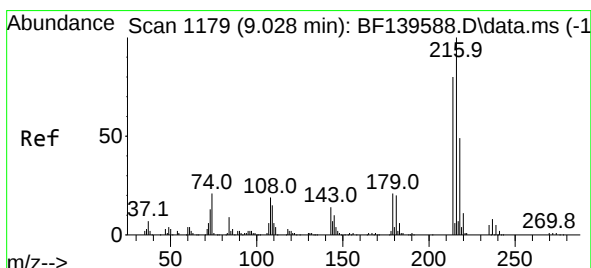
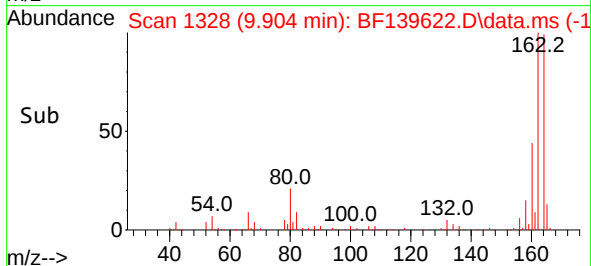
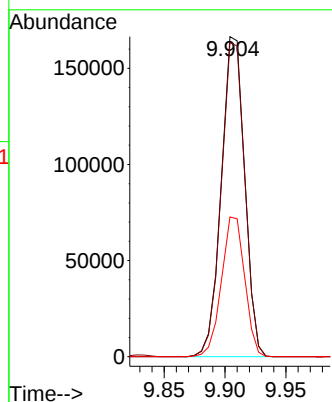
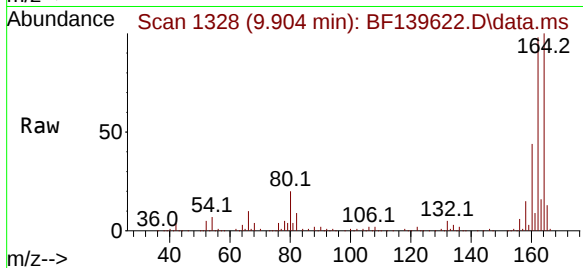
Tgt Ion:164 Resp: 222937

Ion Ratio Lower Upper

164 100

162 98.2 79.4 119.0

160 43.6 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.782 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Tgt Ion:216 Resp: 264850

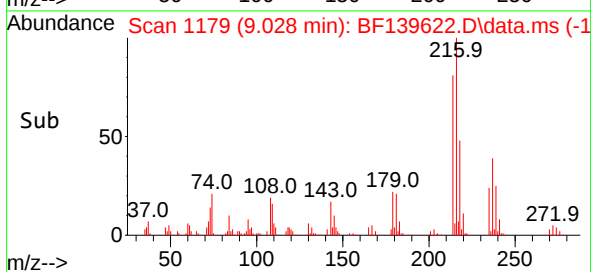
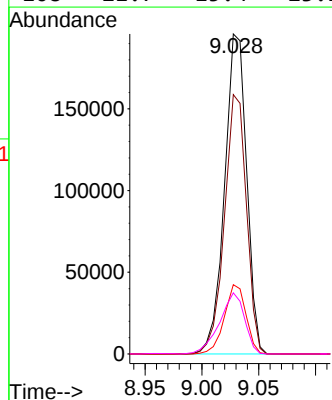
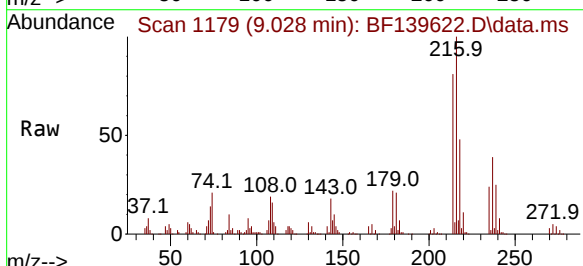
Ion Ratio Lower Upper

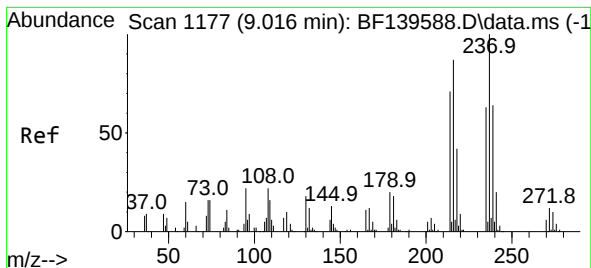
216 100

214 80.7 63.7 95.5

179 21.2 16.9 25.3

108 21.7 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 162.501 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

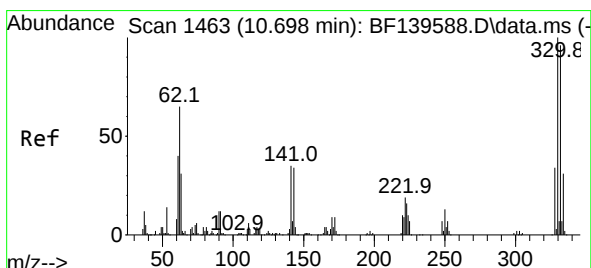
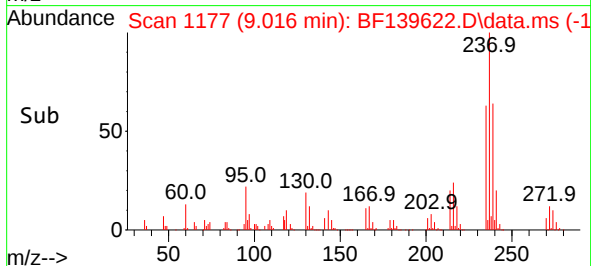
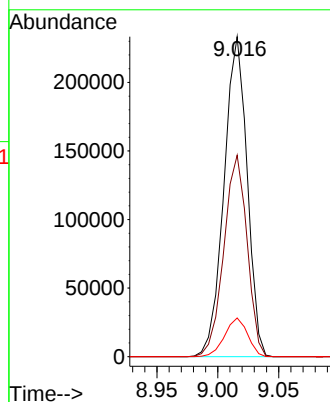
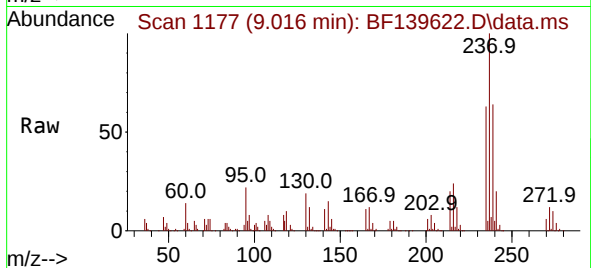
Tgt Ion:237 Resp: 308462

Ion Ratio Lower Upper

237 100

235 62.9 42.5 82.5

272 12.1 0.0 32.1



#42

2,4,6-Tribromophenol

Concen: 140.728 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

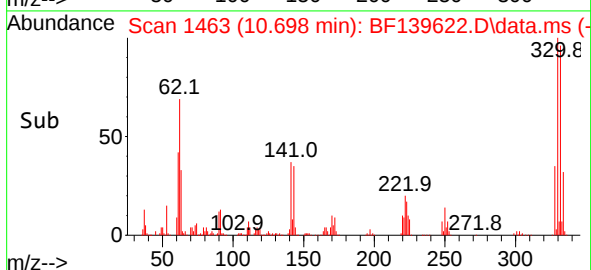
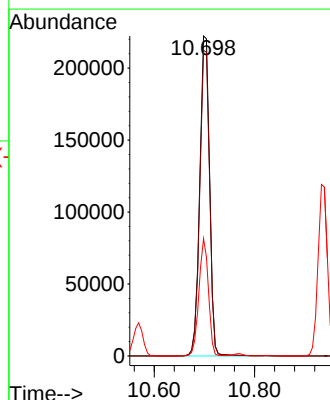
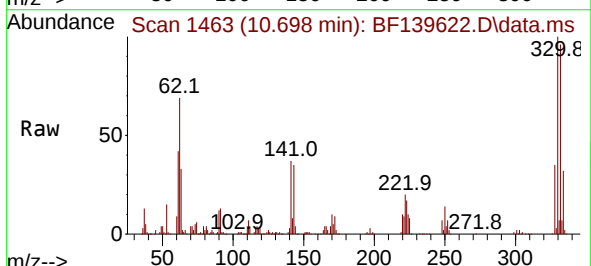
Tgt Ion:330 Resp: 302860

Ion Ratio Lower Upper

330 100

332 95.5 76.5 114.7

141 35.3 29.3 43.9

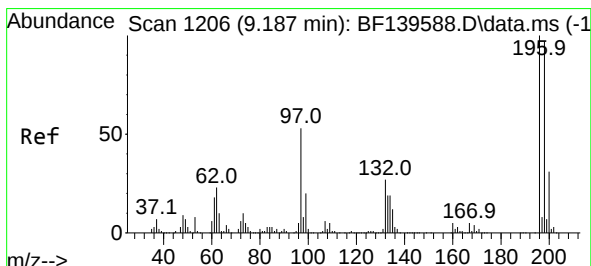
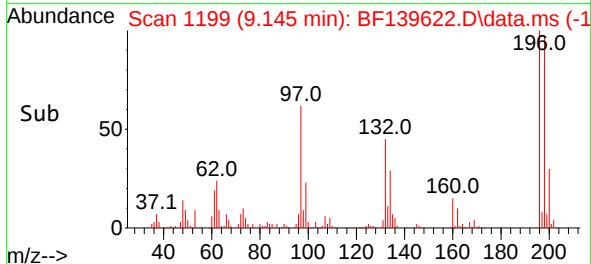
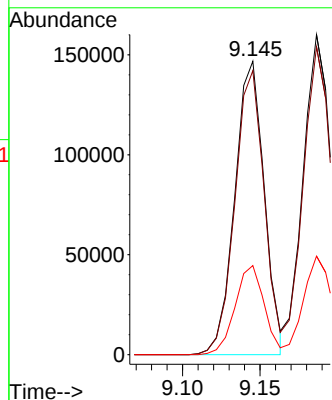
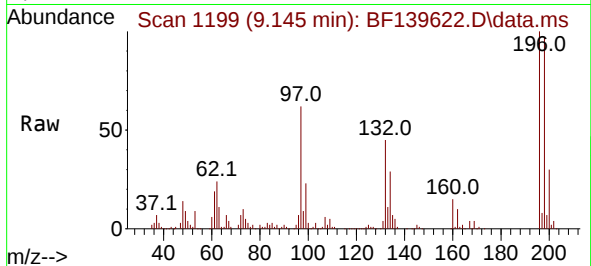




#43
2,4,6-Trichlorophenol
Concen: 46.526 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

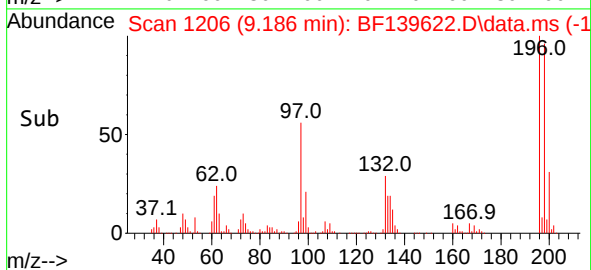
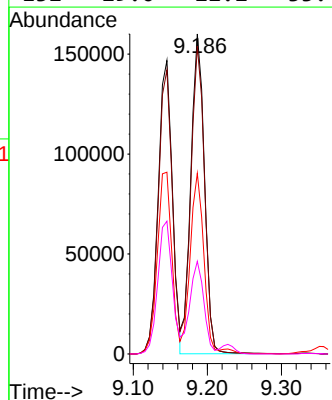
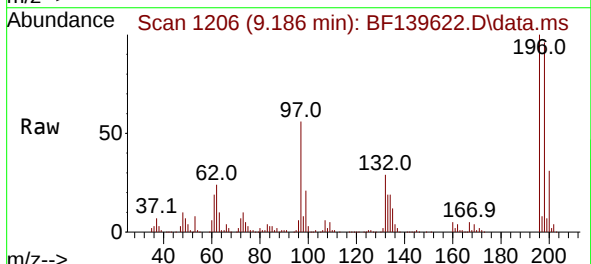
Instrument :
BNA_F
ClientSampleId :
PB163811BS

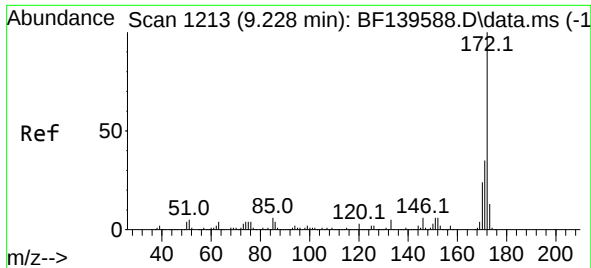
Tgt Ion:196 Resp: 194168
Ion Ratio Lower Upper
196 100
198 96.8 75.2 112.8
200 30.4 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 45.608 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:196 Resp: 205263
Ion Ratio Lower Upper
196 100
198 96.2 77.5 116.3
97 56.4 43.1 64.7
132 29.0 22.2 33.4

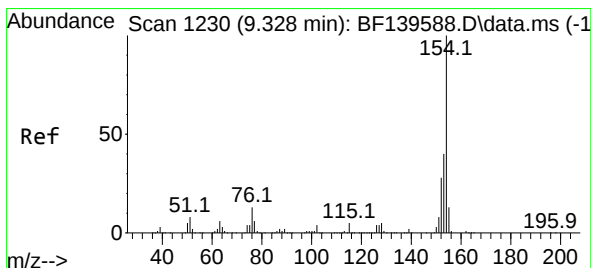
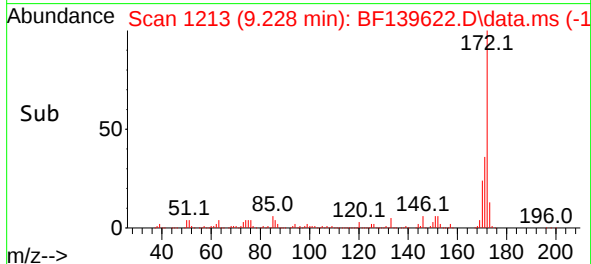
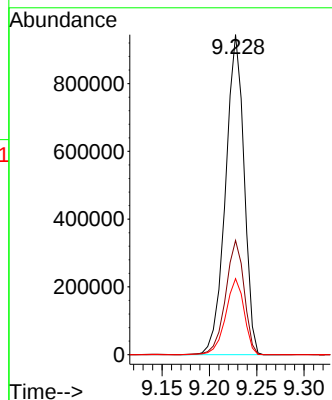
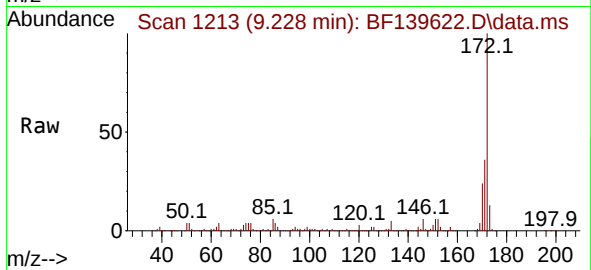




#45
2-Fluorobiphenyl
Concen: 88.544 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

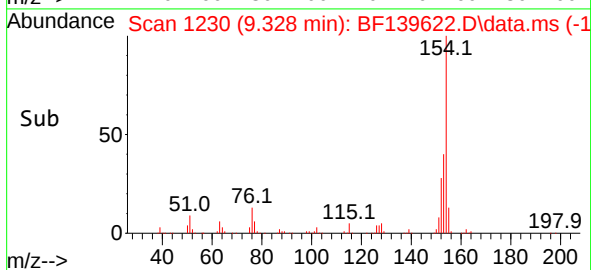
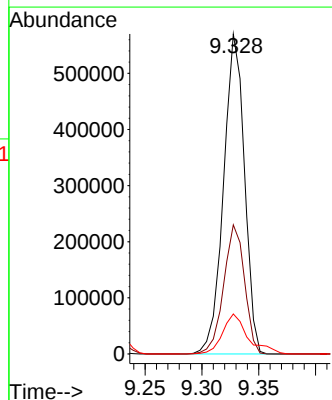
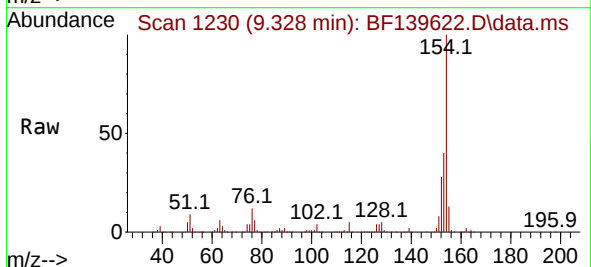
Instrument :
BNA_F
ClientSampleId :
PB163811BS

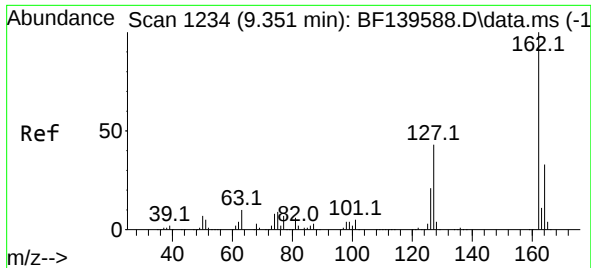
Tgt Ion:172 Resp: 1285824
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 44.054 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:154 Resp: 730471
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 12.5 0.0 32.6





#47

2-Chloronaphthalene

Concen: 43.543 ng

RT: 9.357 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

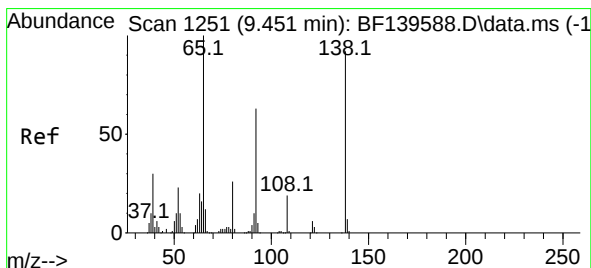
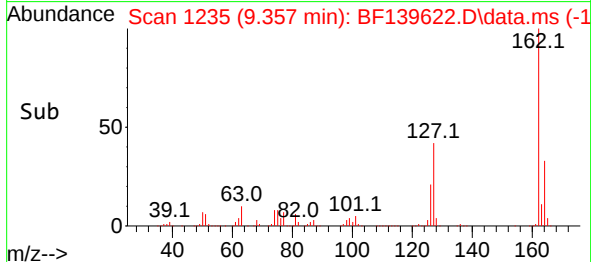
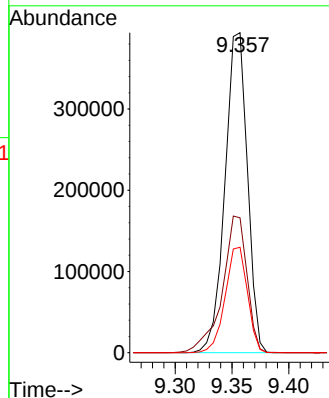
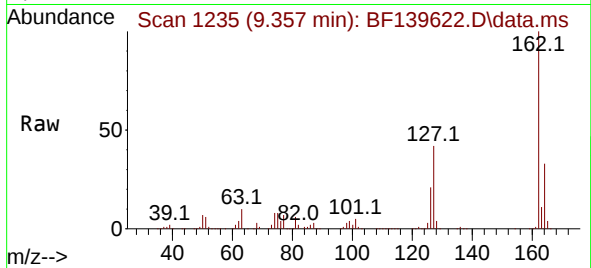
Tgt Ion:162 Resp: 541267

Ion Ratio Lower Upper

162 100

127 42.1 35.0 52.4

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 47.734 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

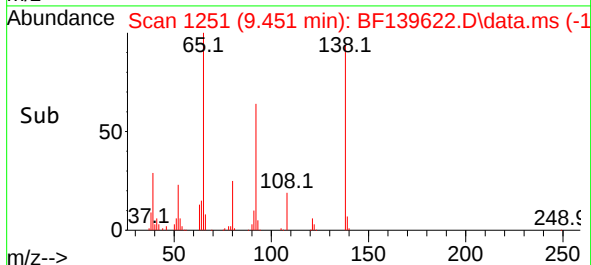
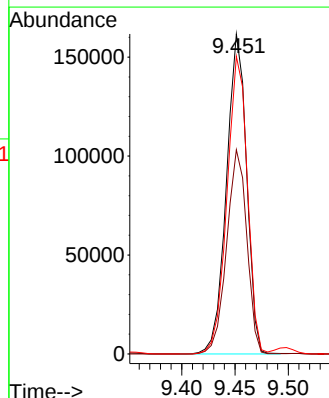
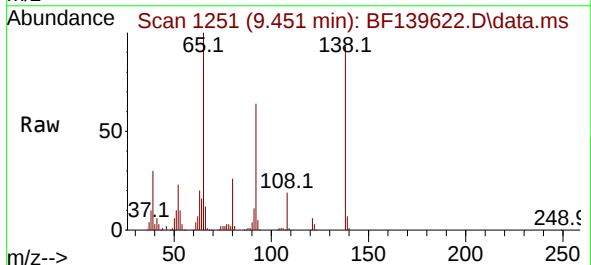
Tgt Ion: 65 Resp: 213000

Ion Ratio Lower Upper

65 100

92 63.8 50.0 75.0

138 93.0 73.8 110.8





#49

Acenaphthylene

Concen: 47.883 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139622.D

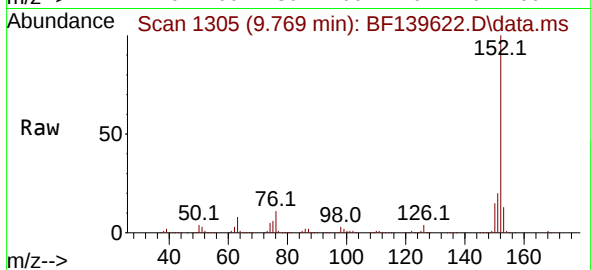
Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS



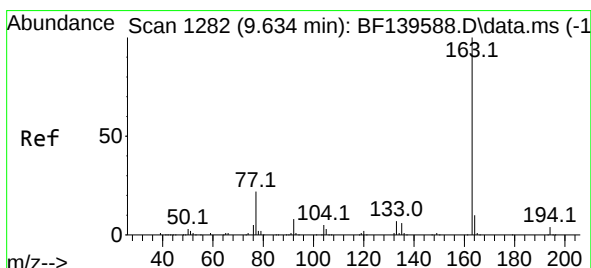
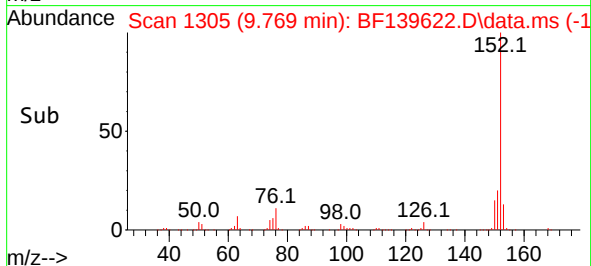
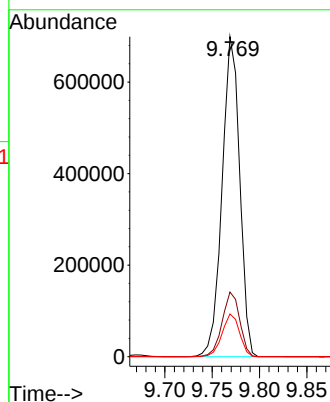
Tgt Ion:152 Resp: 905179

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.4 10.5 15.7



#50

Dimethylphthalate

Concen: 47.275 ng

RT: 9.634 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

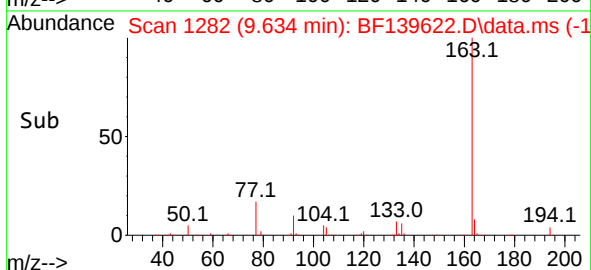
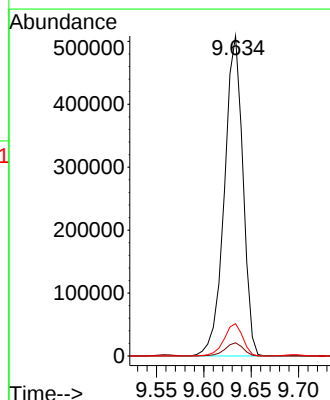
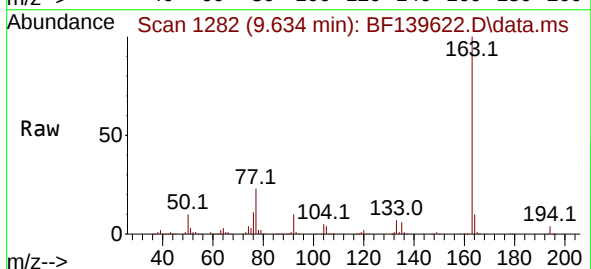
Tgt Ion:163 Resp: 689912

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.1 8.1 12.1

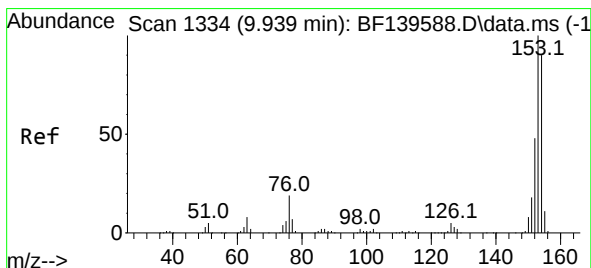
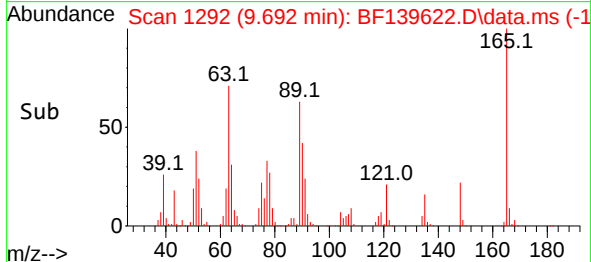
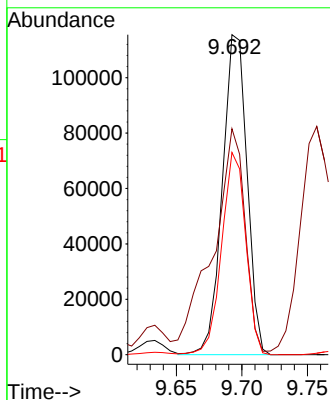
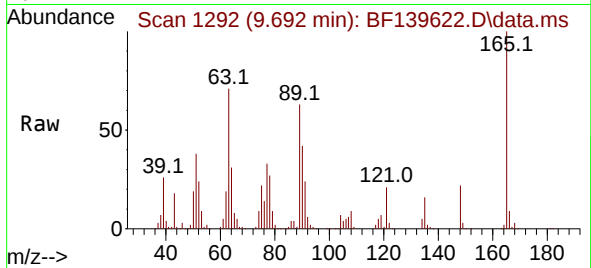




#51
2,6-Dinitrotoluene
Concen: 45.808 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

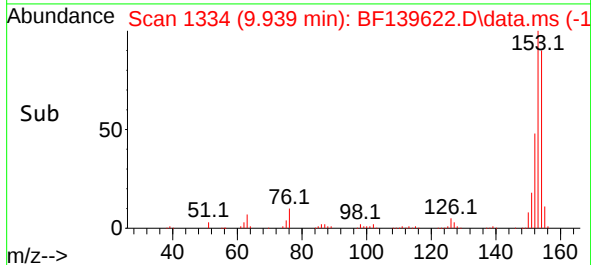
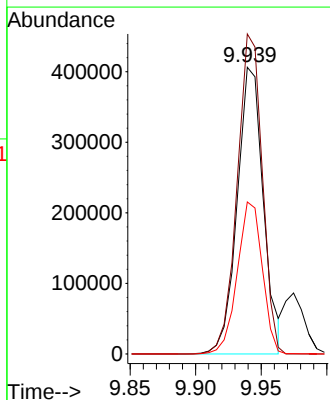
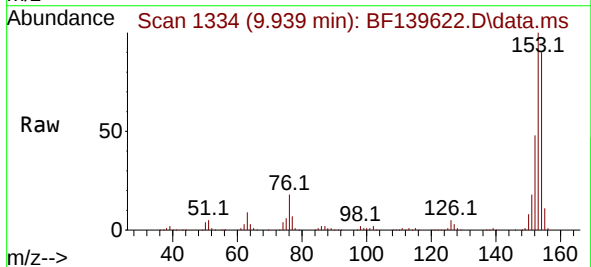
Instrument :
BNA_F
ClientSampleId :
PB163811BS

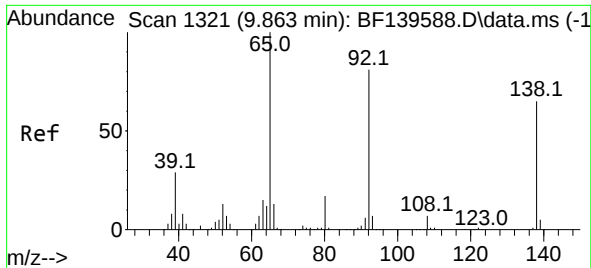
Tgt Ion:165 Resp: 151014
Ion Ratio Lower Upper
165 100
63 70.6 56.7 85.1
89 63.2 51.6 77.4



#52
Acenaphthene
Concen: 43.546 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:154 Resp: 565123
Ion Ratio Lower Upper
154 100
153 111.6 88.8 133.2
152 53.0 42.5 63.7

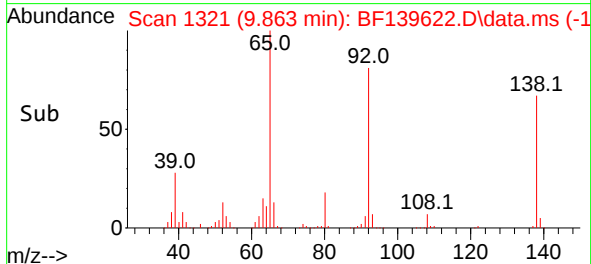
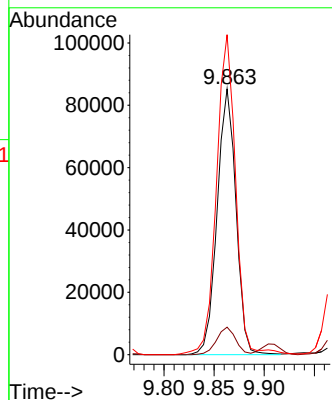
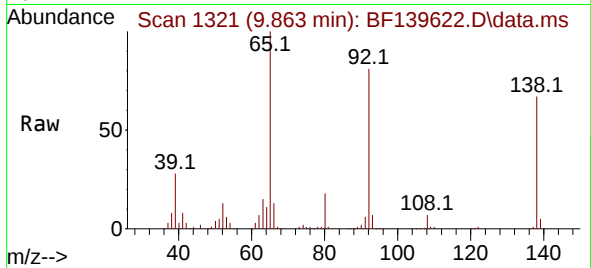




#53
3-Nitroaniline
Concen: 33.056 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

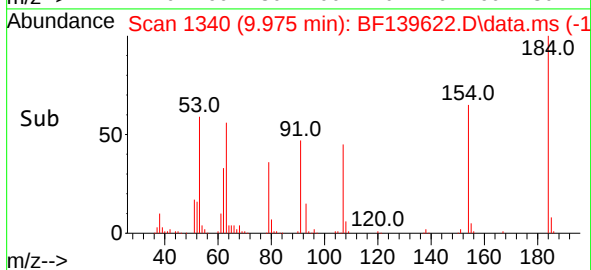
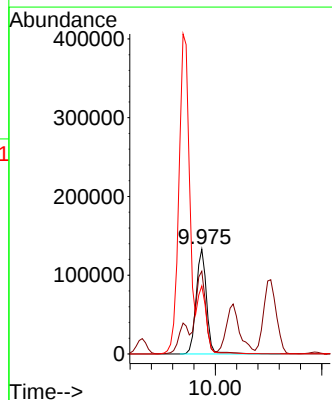
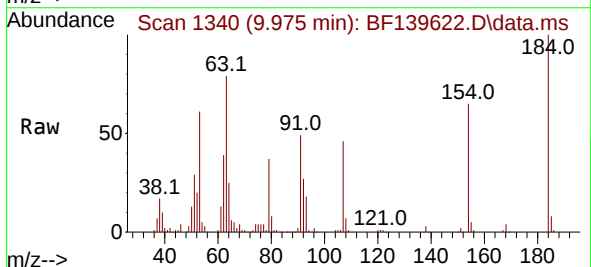
Instrument :
BNA_F
ClientSampleId :
PB163811BS

Tgt Ion:138 Resp: 111361
Ion Ratio Lower Upper
138 100
108 10.3 8.8 13.2
92 120.4 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 102.661 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:184 Resp: 182032
Ion Ratio Lower Upper
184 100
63 78.8 61.7 92.5
154 64.9 53.0 79.4

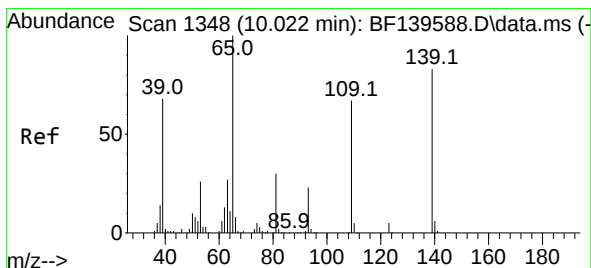
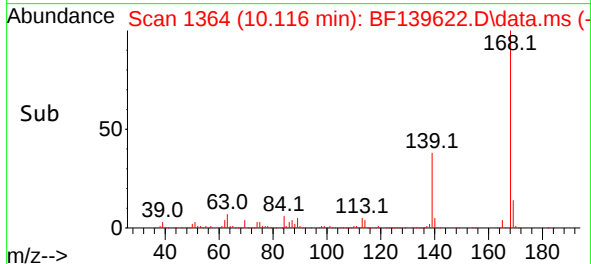
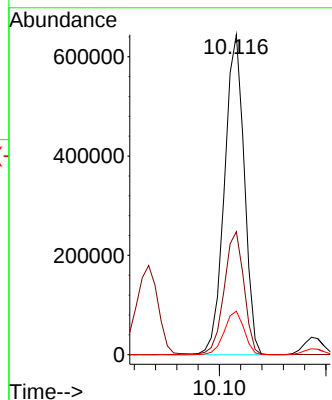
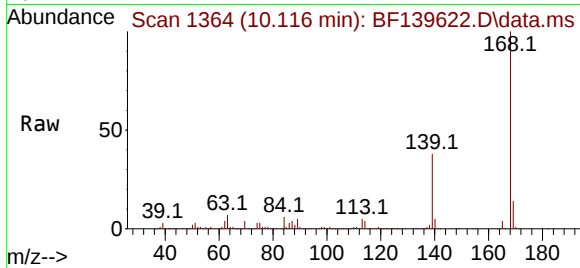




#55
Dibenzofuran
Concen: 45.543 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

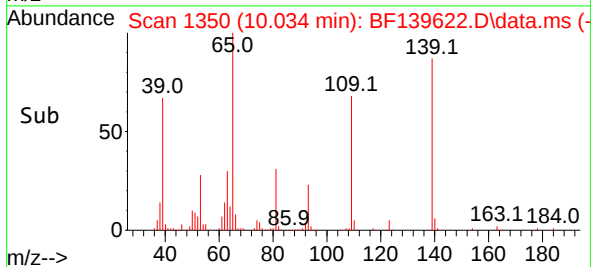
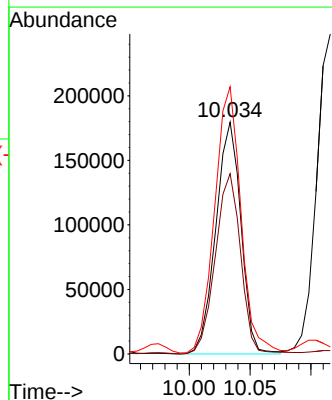
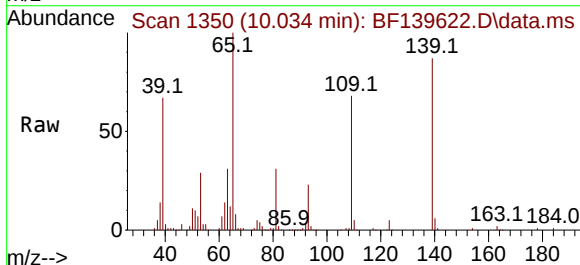
Instrument :
BNA_F
ClientSampleId :
PB163811BS

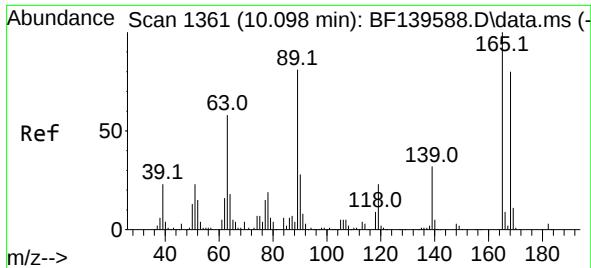
Tgt Ion:168 Resp: 827547
Ion Ratio Lower Upper
168 100
139 38.5 30.4 45.6
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 100.413 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:139 Resp: 257969
Ion Ratio Lower Upper
139 100
109 77.8 60.3 100.3
65 115.3 100.8 140.8



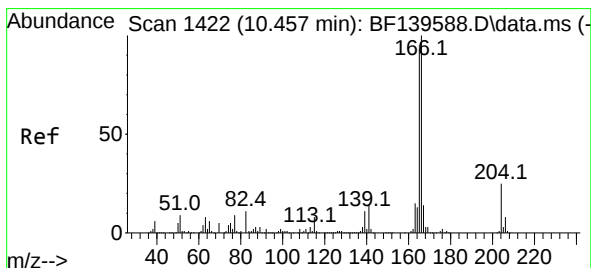
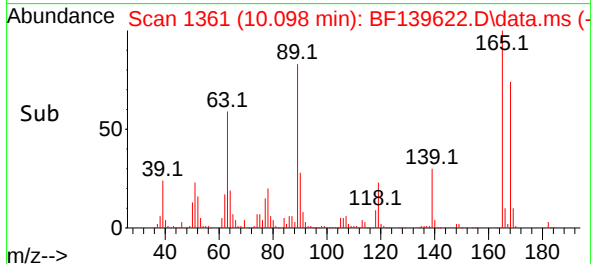
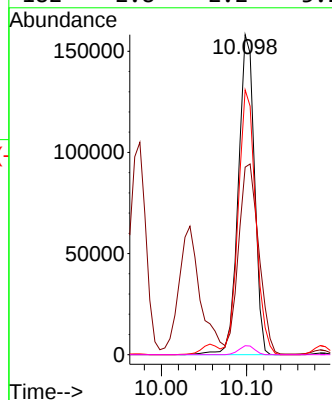
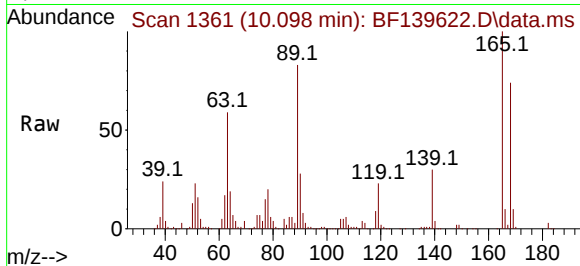


#57
2,4-Dinitrotoluene
Concen: 48.263 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Instrument :
BNA_F
ClientSampleId :
PB163811BS

Tgt Ion:165 Resp: 207970

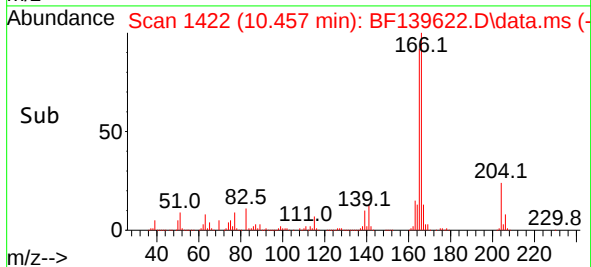
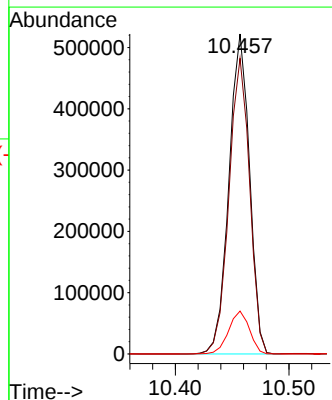
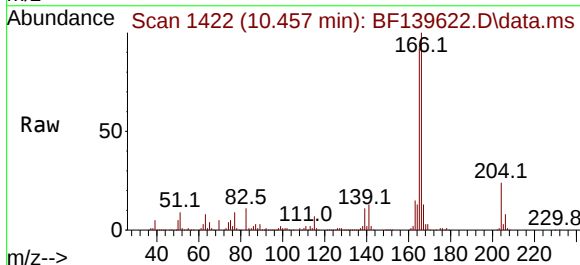
Ion	Ratio	Lower	Upper
165	100		
63	58.6	46.9	70.3
89	82.7	64.4	96.6
182	2.8	2.2	3.2



#58
Fluorene
Concen: 45.532 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:166 Resp: 658960

Ion	Ratio	Lower	Upper
166	100		
165	92.4	74.4	111.6
167	13.4	10.9	16.3

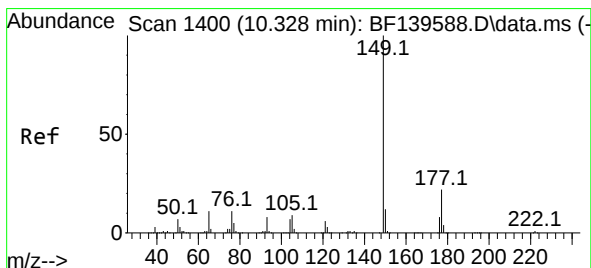
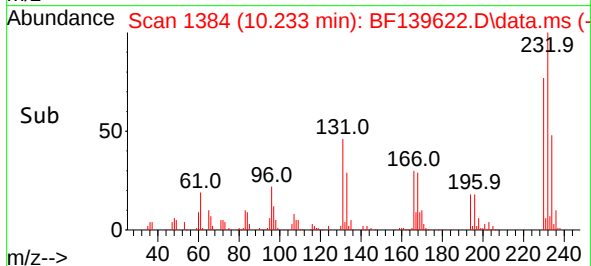
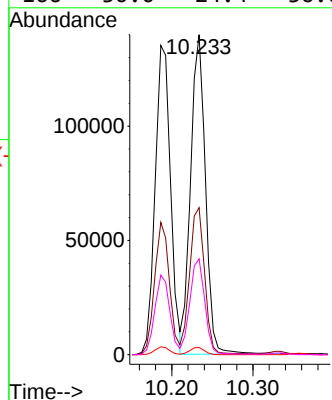
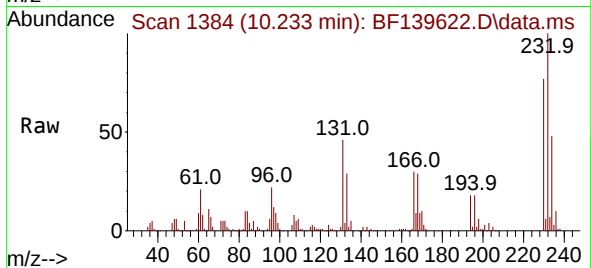




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.966 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

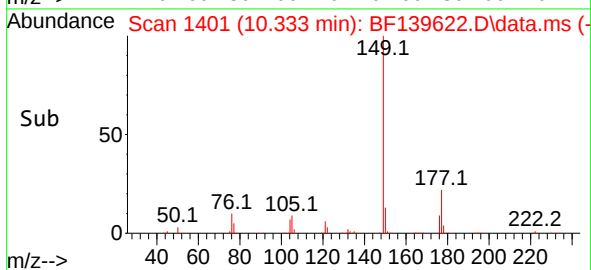
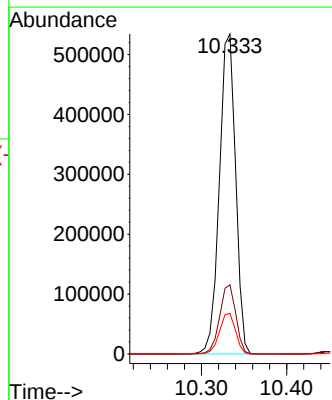
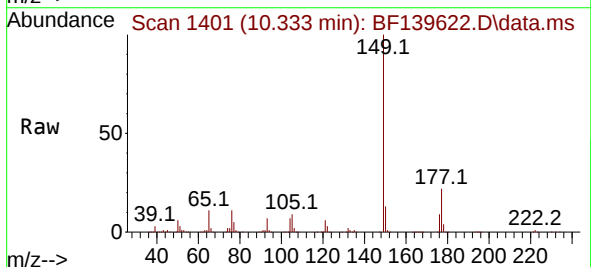
Instrument :
BNA_F
ClientSampleId :
PB163811BS

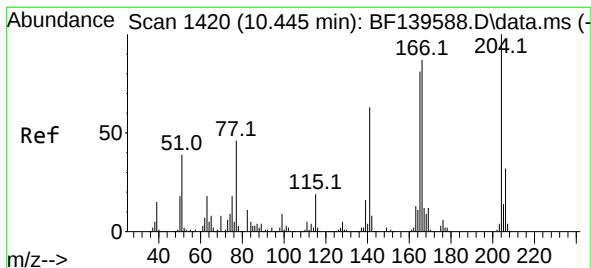
Tgt Ion:232 Resp: 177991
Ion Ratio Lower Upper
232 100
131 46.8 37.8 56.6
130 2.3 1.9 2.9
166 30.0 24.4 36.6



#60
Diethylphthalate
Concen: 46.977 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:149 Resp: 708106
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.6 10.0 15.0

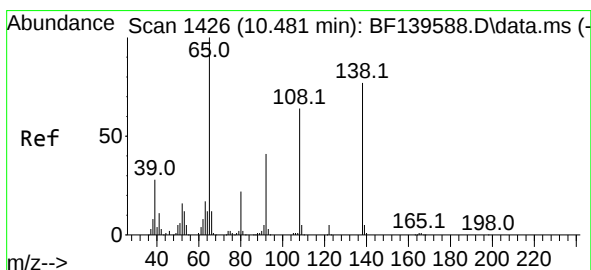
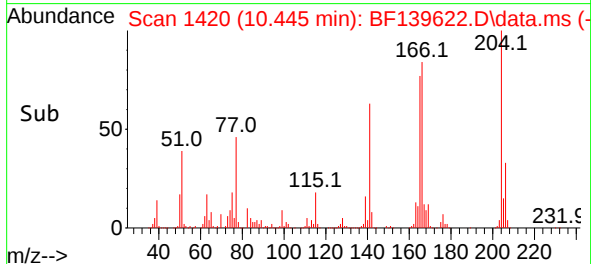
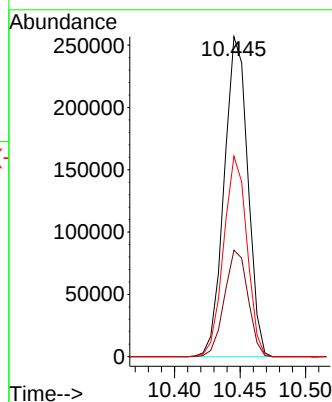
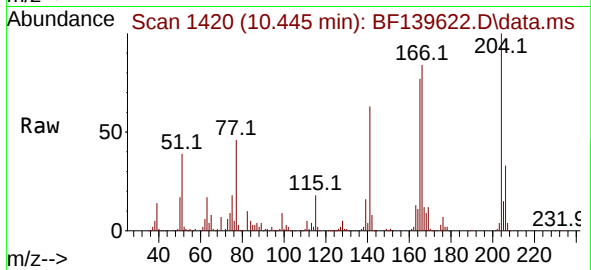




#61
4-Chlorophenyl-phenylether
Concen: 44.407 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

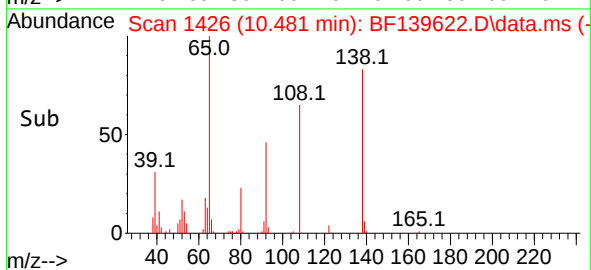
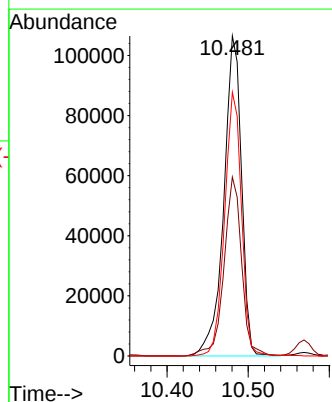
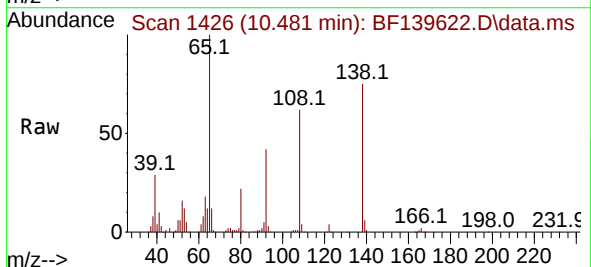
Instrument :
BNA_F
ClientSampleId :
PB163811BS

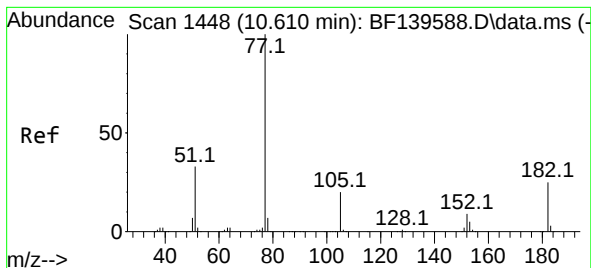
Tgt Ion:204 Resp: 321522
Ion Ratio Lower Upper
204 100
206 33.3 25.9 38.9
141 62.7 50.5 75.7



#62
4-Nitroaniline
Concen: 46.917 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:138 Resp: 161674
Ion Ratio Lower Upper
138 100
92 55.9 33.3 73.3
108 82.4 62.1 102.1





#63

Azobenzene

Concen: 47.324 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

Tgt Ion: 77 Resp: 717386

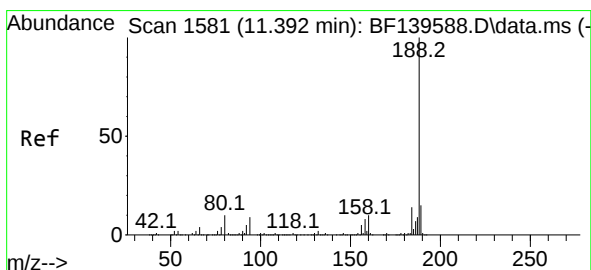
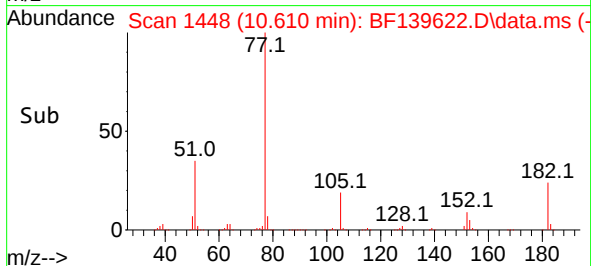
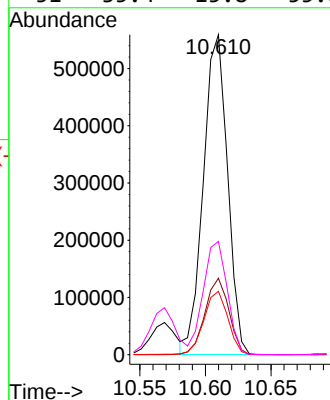
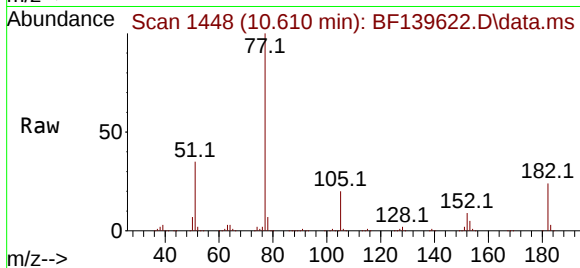
Ion Ratio Lower Upper

77 100

182 23.9 4.2 44.2

105 19.8 0.0 39.6

51 35.4 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

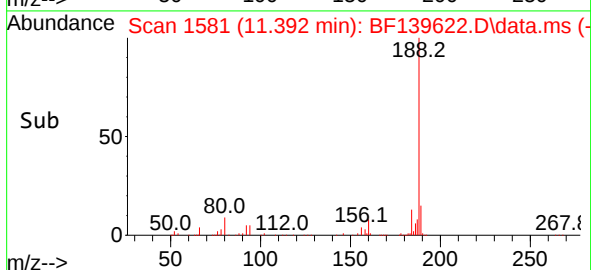
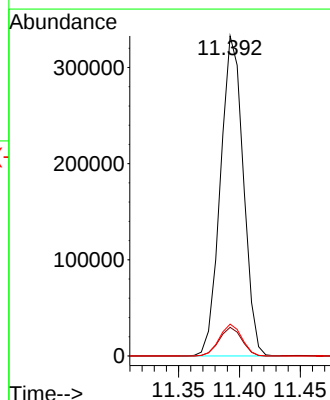
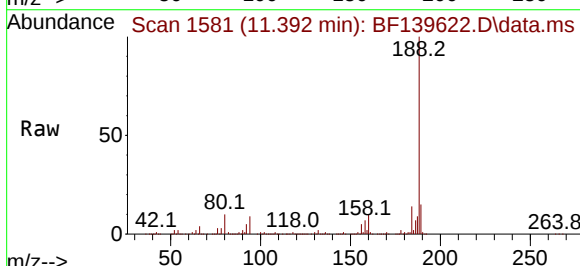
Tgt Ion: 188 Resp: 435381

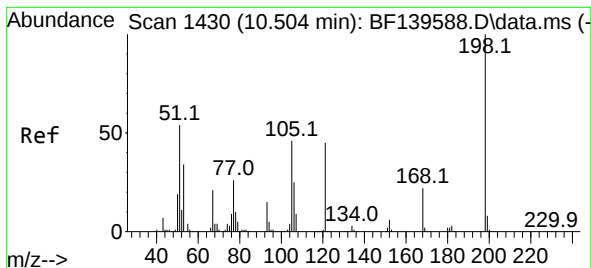
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 10.0 8.2 12.2

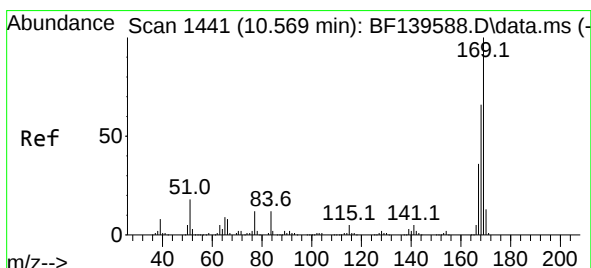
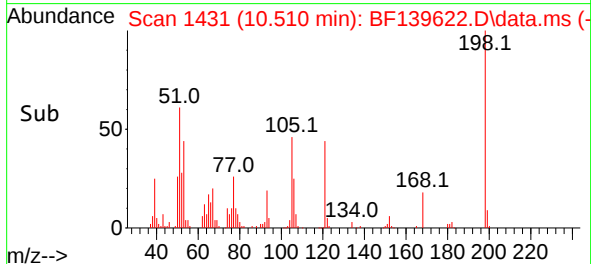
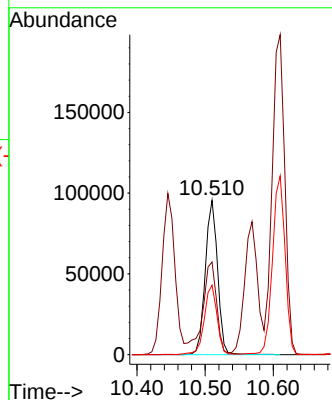
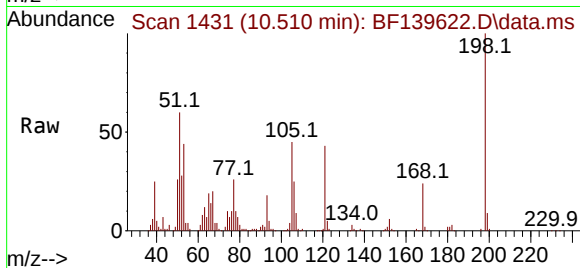




#65
4,6-Dinitro-2-methylphenol
Concen: 48.735 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

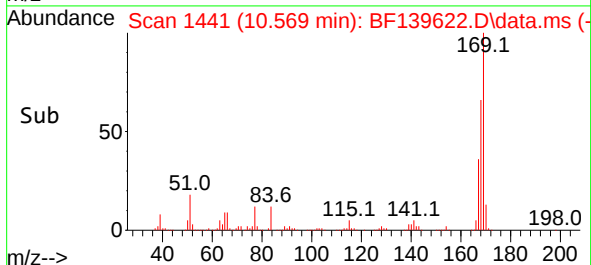
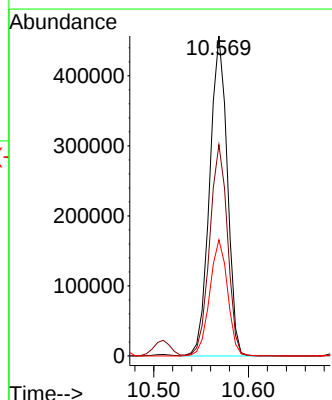
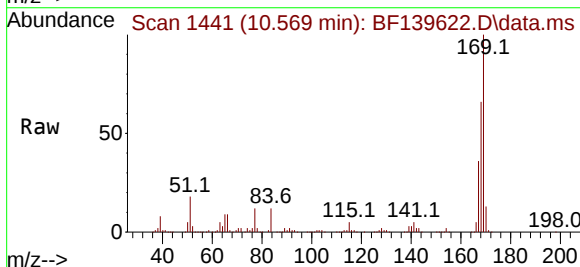
Instrument :
BNA_F
ClientSampleId :
PB163811BS

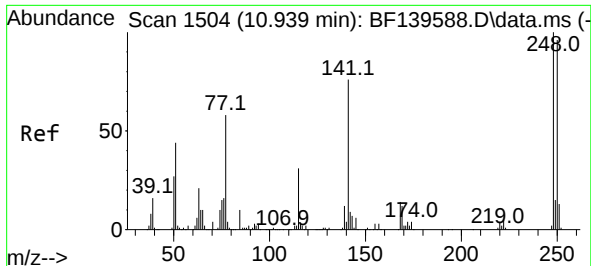
Tgt Ion:198 Resp: 119838
Ion Ratio Lower Upper
198 100
51 60.1 43.0 83.0
105 45.0 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 45.885 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:169 Resp: 588868
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.3 28.6 43.0

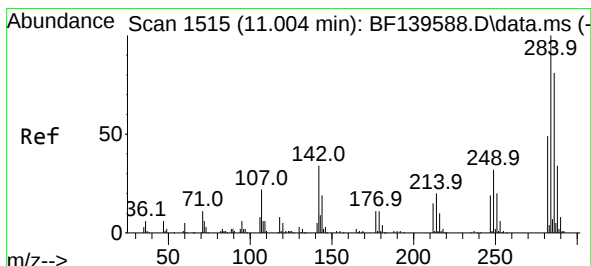
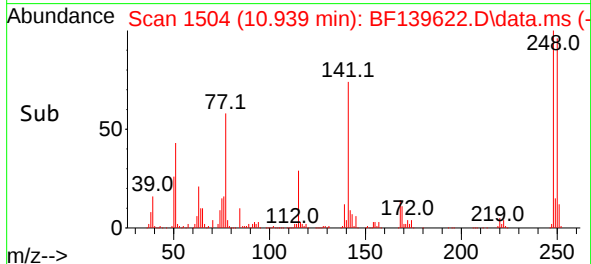
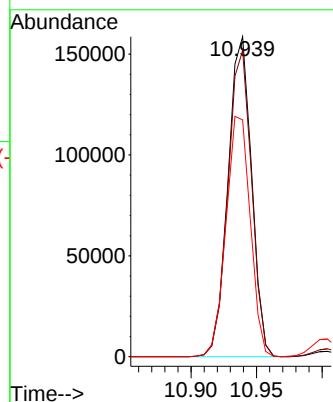
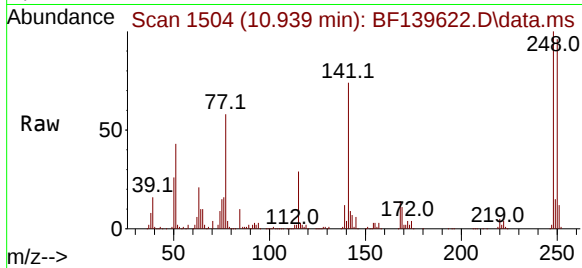




#67
4-Bromophenyl-phenylether
Concen: 44.491 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

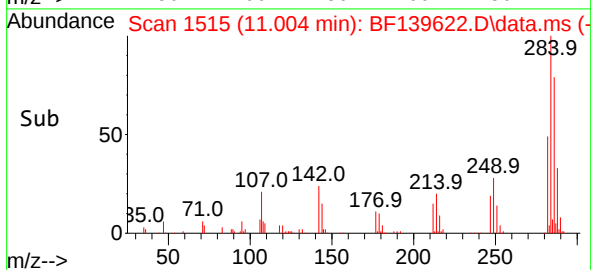
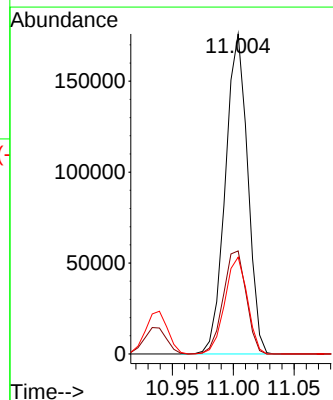
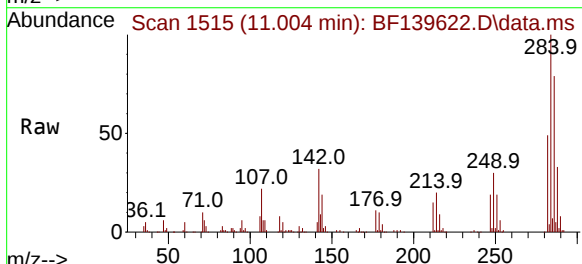
Instrument :
BNA_F
ClientSampleId :
PB163811BS

Tgt Ion:248 Resp: 198607
Ion Ratio Lower Upper
248 100
250 95.7 77.1 115.7
141 74.0 60.4 90.6



#68
Hexachlorobenzene
Concen: 45.302 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:284 Resp: 224401
Ion Ratio Lower Upper
284 100
142 32.2 26.9 40.3
249 30.2 25.4 38.0





#69

Atrazine

Concen: 57.445 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

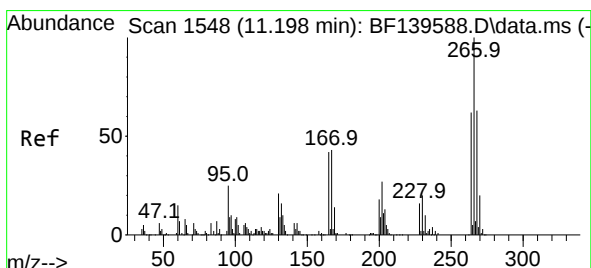
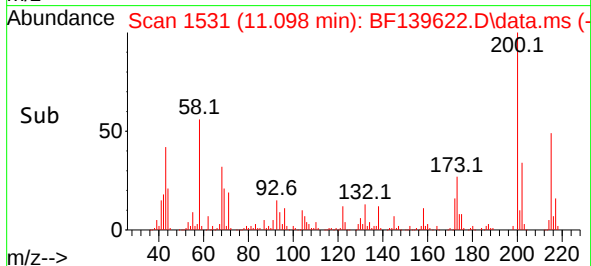
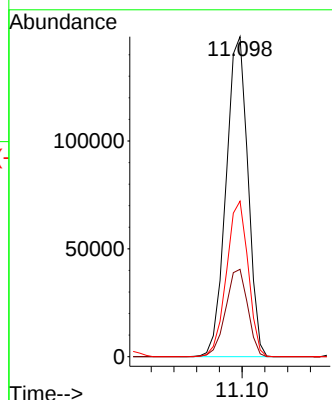
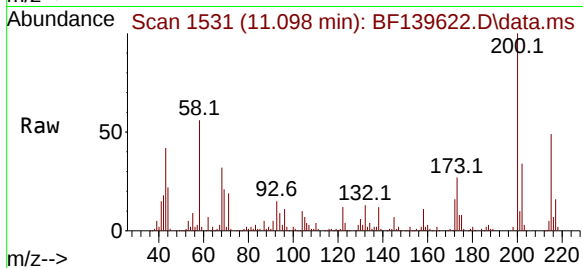
Tgt Ion:200 Resp: 197798

Ion Ratio Lower Upper

200 100

173 27.3 6.7 46.7

215 48.6 27.5 67.5



#70

Pentachlorophenol

Concen: 88.063 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

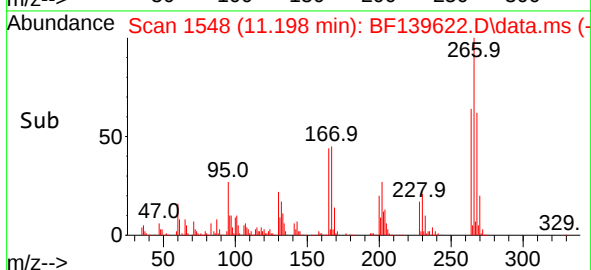
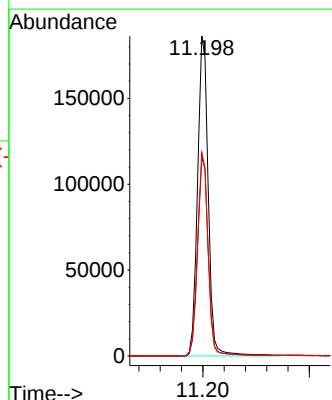
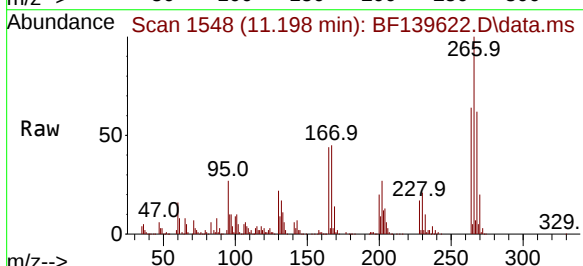
Tgt Ion:266 Resp: 259744

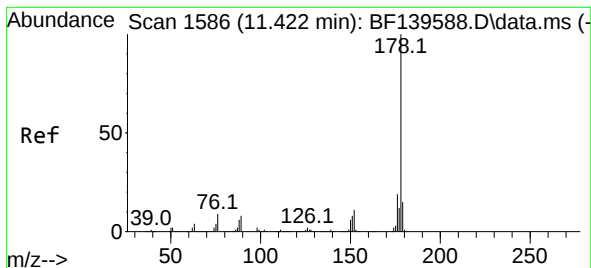
Ion Ratio Lower Upper

266 100

268 62.3 50.0 75.0

264 63.6 49.3 73.9





#71

Phenanthrene

Concen: 46.448 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

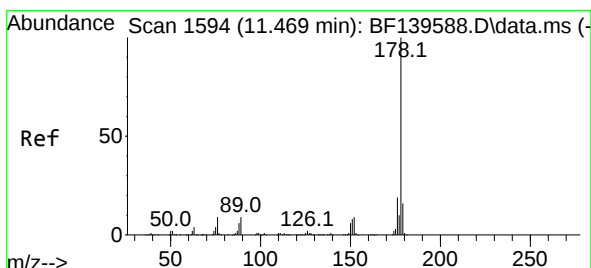
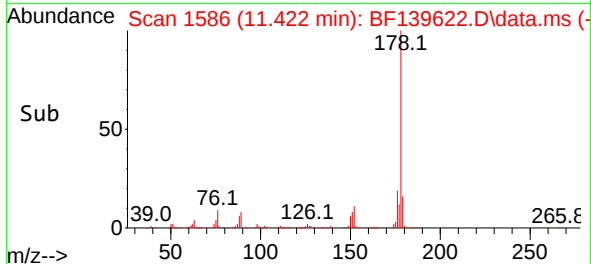
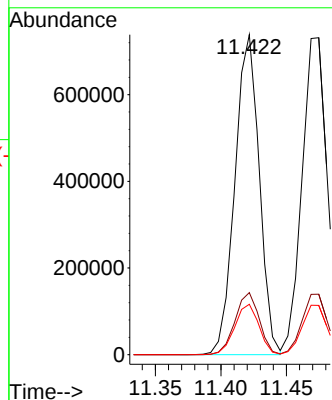
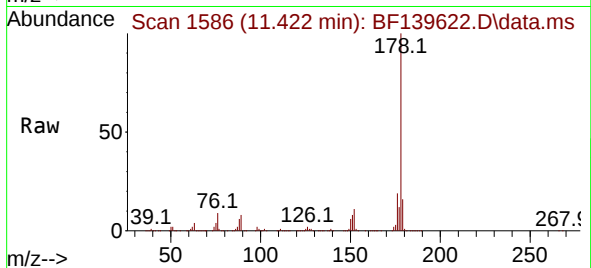
Tgt Ion:178 Resp: 953514

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.8 12.3 18.5



#72

Anthracene

Concen: 47.576 ng

RT: 11.475 min Scan# 1595

Delta R.T. 0.006 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

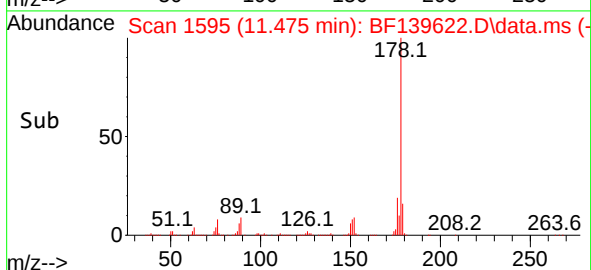
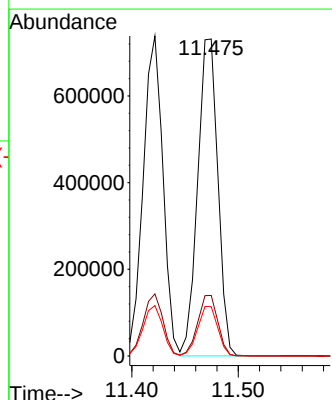
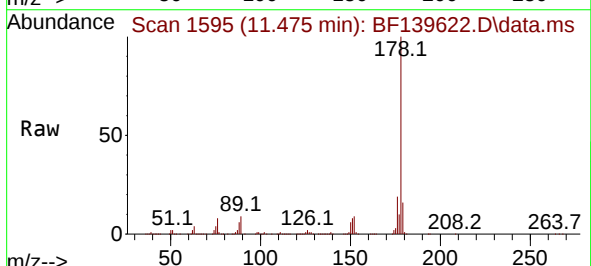
Tgt Ion:178 Resp: 966226

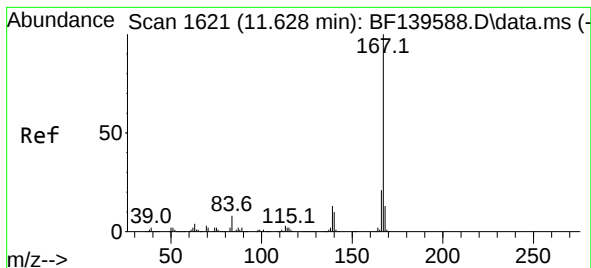
Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.5 12.5 18.7





#73

Carbazole

Concen: 46.171 ng

RT: 11.628 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

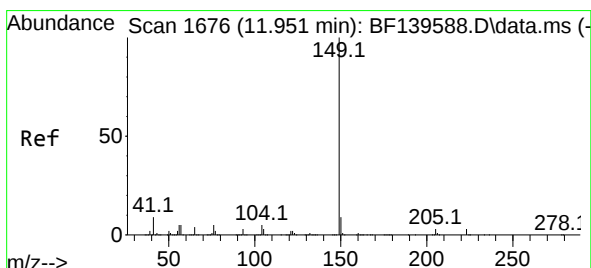
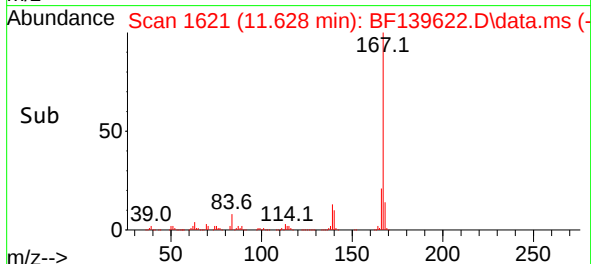
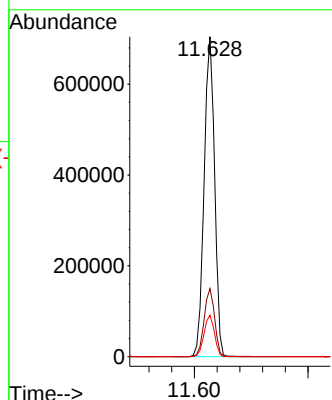
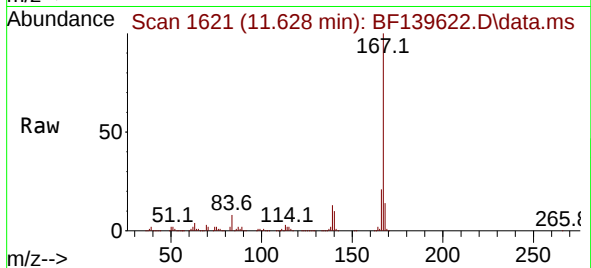
Tgt Ion:167 Resp: 900592

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 47.807 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

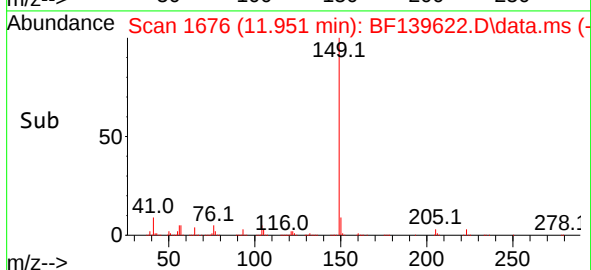
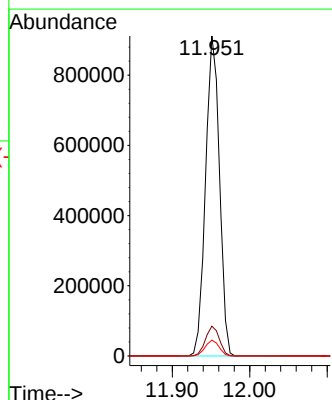
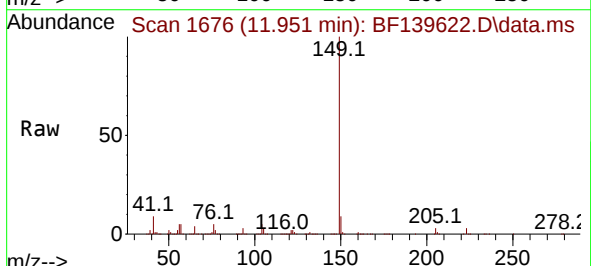
Tgt Ion:149 Resp: 1133962

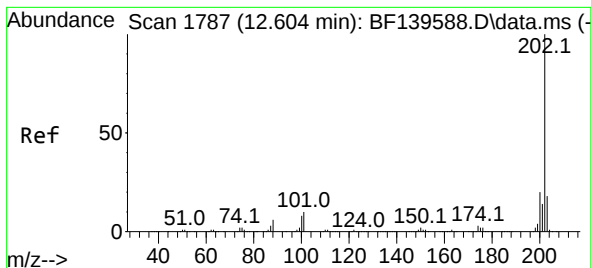
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 46.070 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139622.D

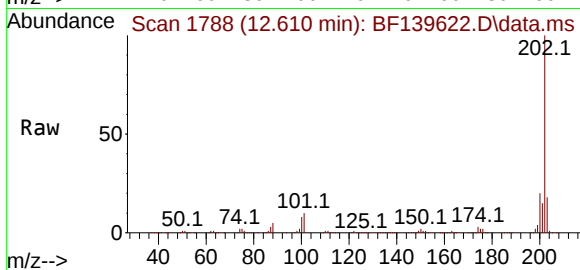
Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS



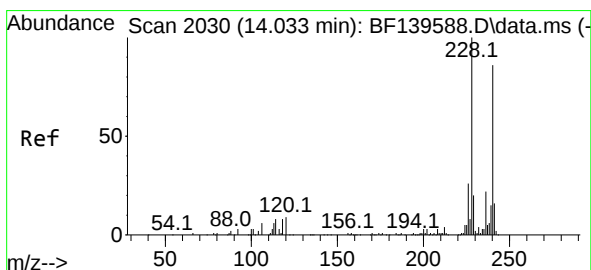
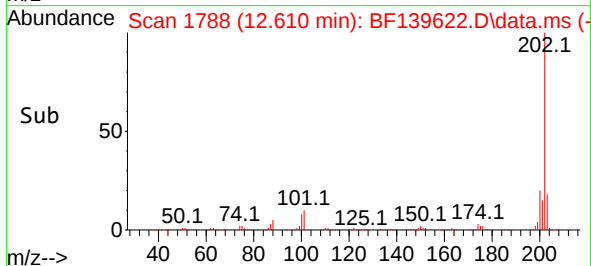
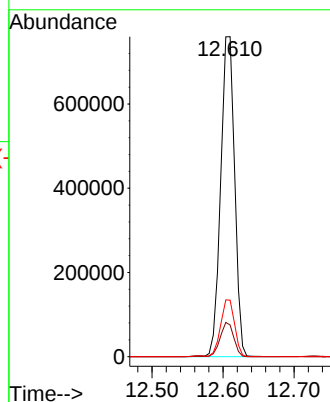
Tgt Ion:202 Resp: 1033844

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.2

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

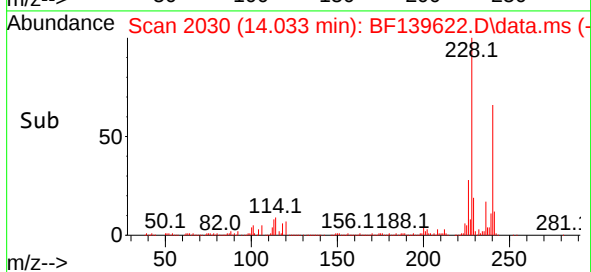
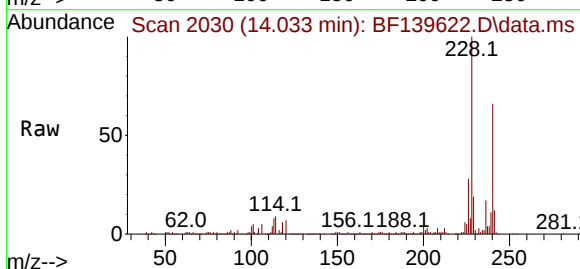
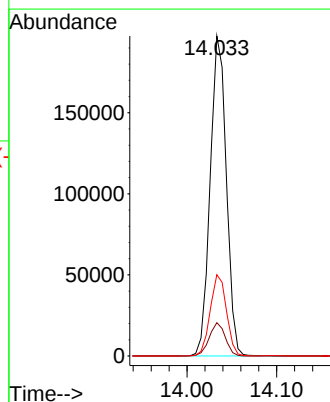
Tgt Ion:240 Resp: 246712

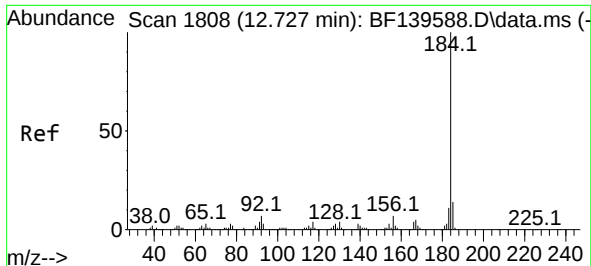
Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

236 25.4 20.3 30.5

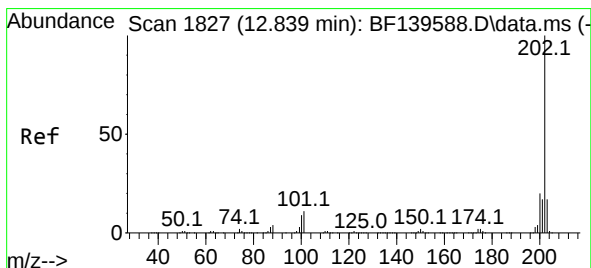
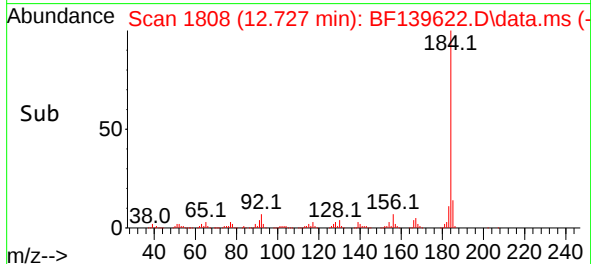
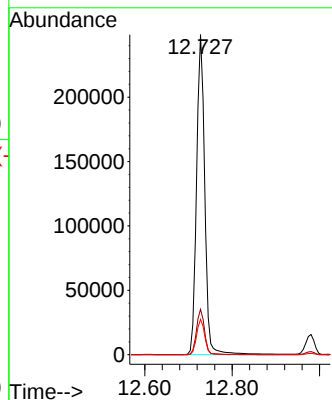
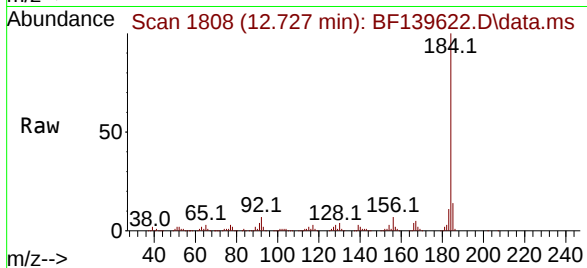




#77
Benzidine
Concen: 74.895 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

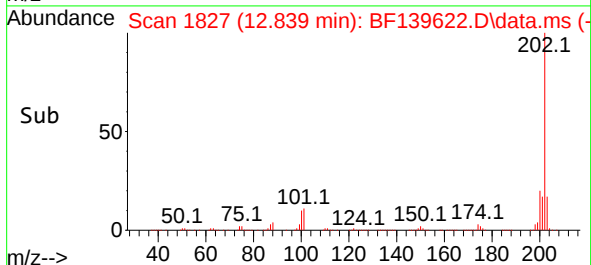
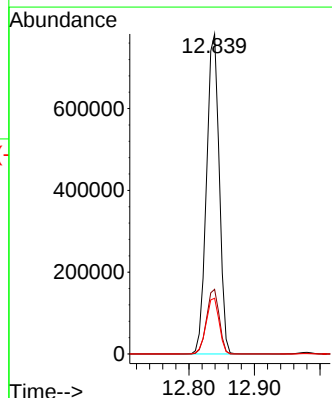
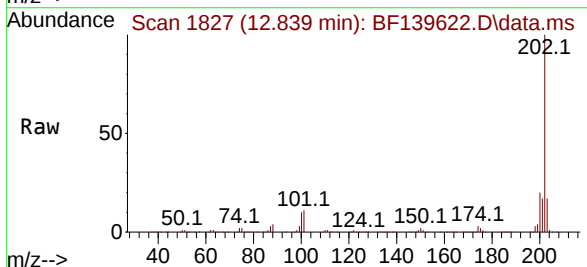
Instrument :
BNA_F
ClientSampleId :
PB163811BS

Tgt Ion:184 Resp: 325922
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 11.0 8.8 13.2



#78
Pyrene
Concen: 47.742 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:202 Resp: 1053459
Ion Ratio Lower Upper
202 100
200 20.2 15.8 23.6
203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 100.749 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

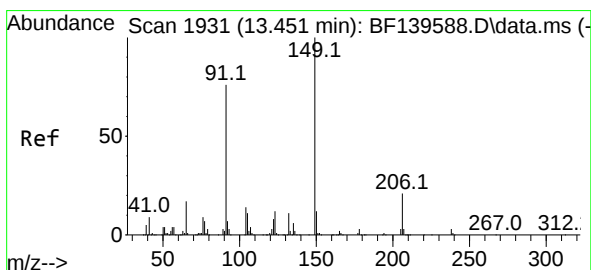
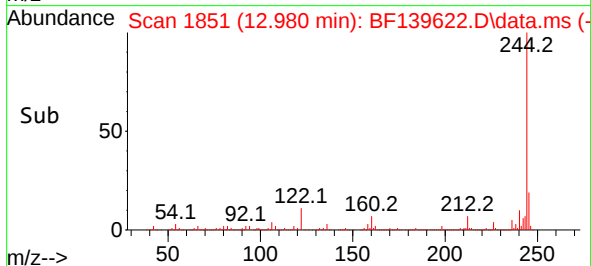
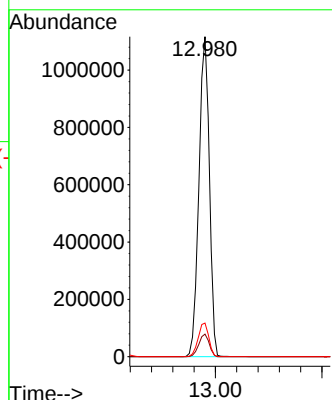
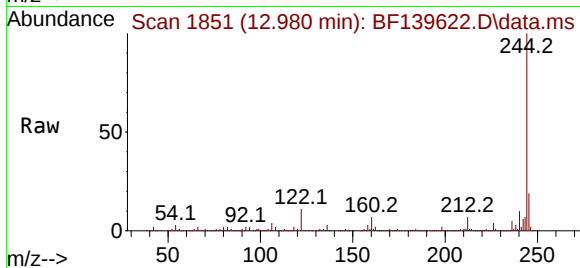
Tgt Ion:244 Resp: 1514848

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.5 8.6 12.8



#80

Butylbenzylphthalate

Concen: 52.265 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

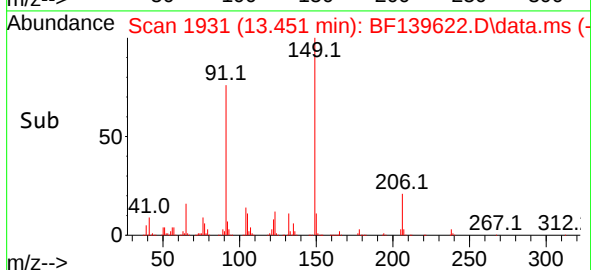
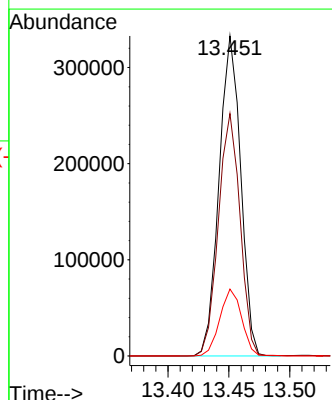
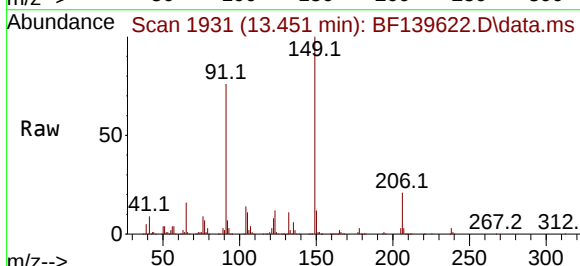
Tgt Ion:149 Resp: 412512

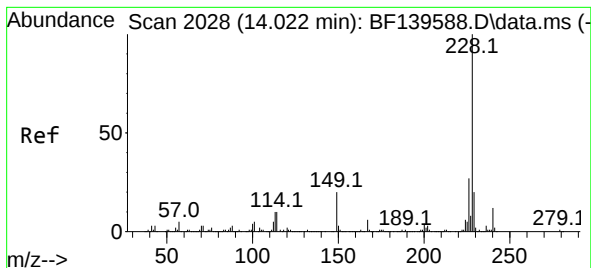
Ion Ratio Lower Upper

149 100

91 75.8 61.0 91.4

206 20.9 16.6 24.8





#81

Benzo(a)anthracene

Concen: 48.737 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

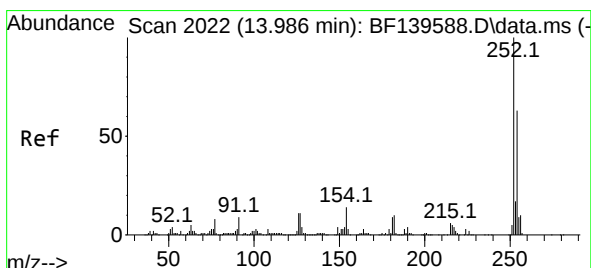
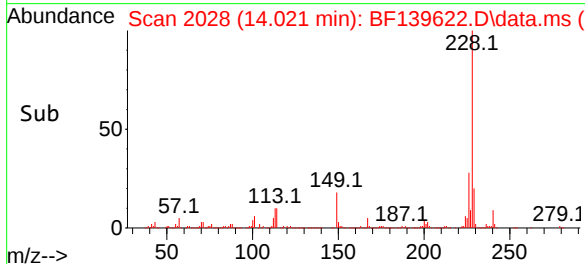
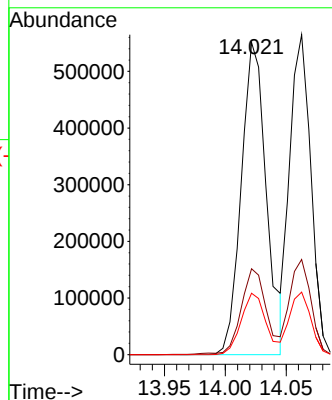
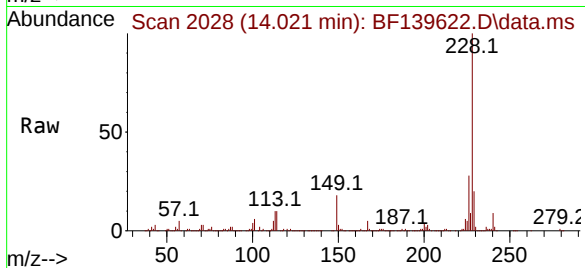
Tgt Ion:228 Resp: 790537

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 35.721 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

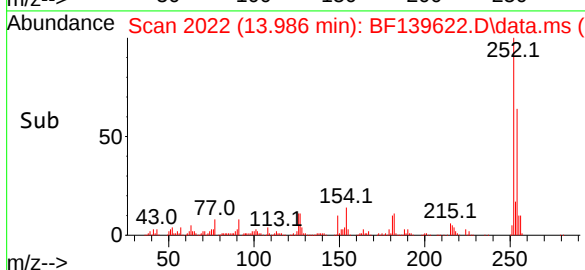
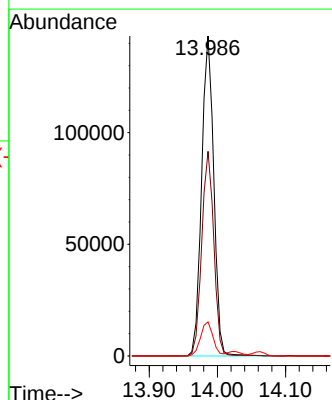
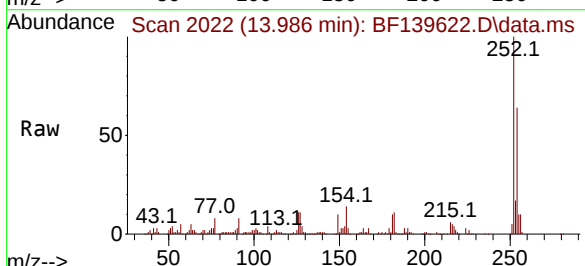
Tgt Ion:252 Resp: 177324

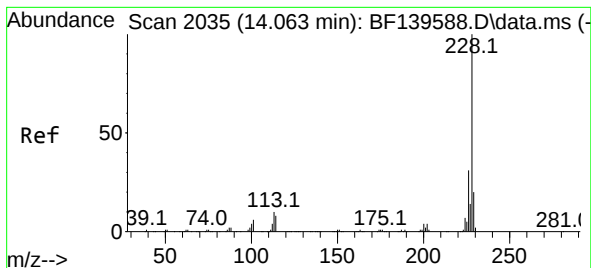
Ion Ratio Lower Upper

252 100

254 64.0 50.5 75.7

126 10.6 8.8 13.2





#83

Chrysene

Concen: 45.998 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

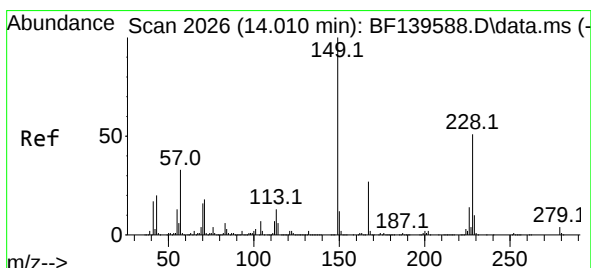
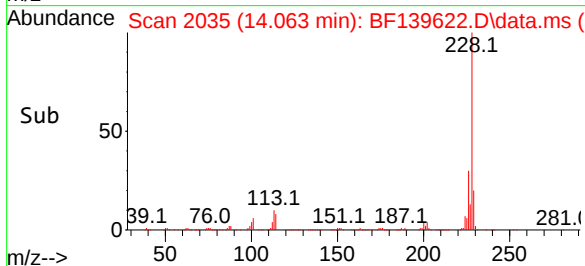
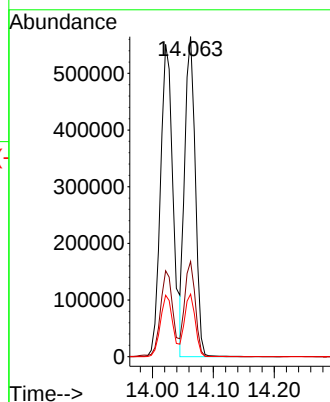
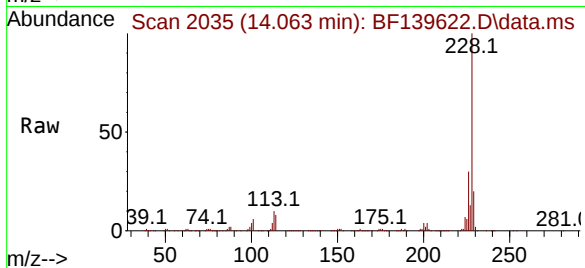
Tgt Ion:228 Resp: 682122

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.056 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

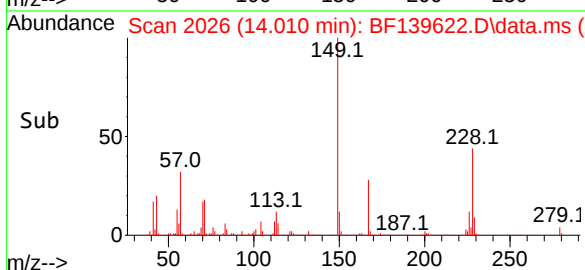
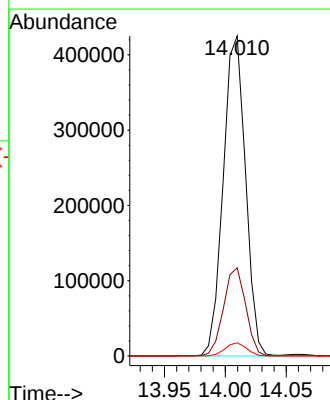
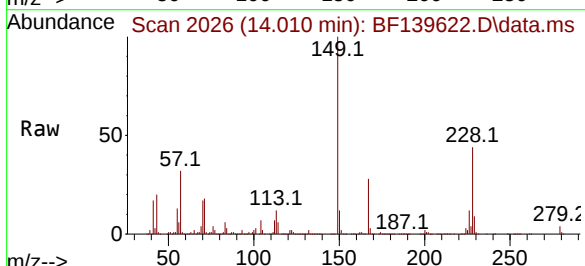
Tgt Ion:149 Resp: 542609

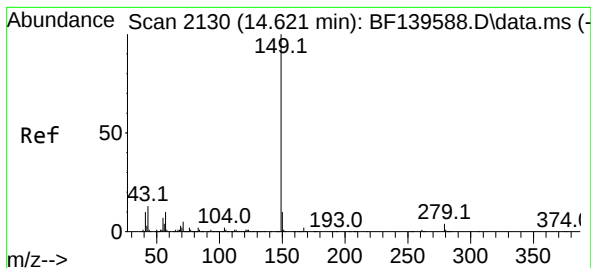
Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 52.514 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

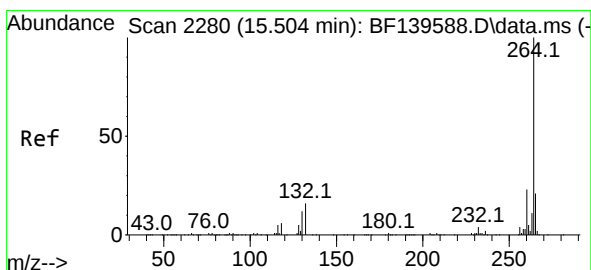
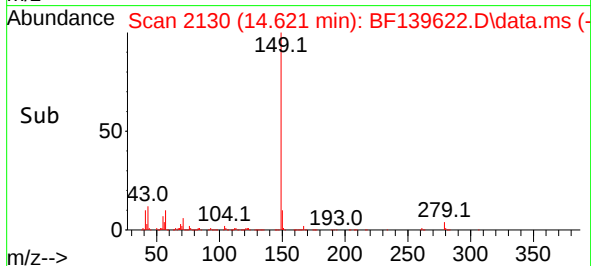
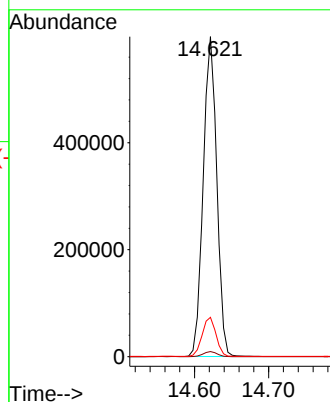
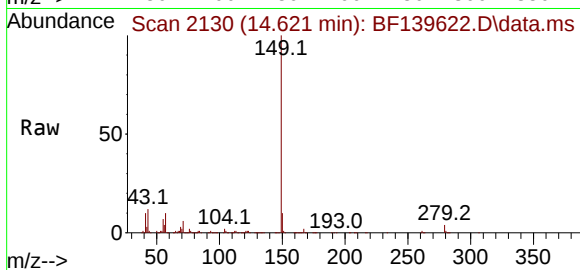
Tgt Ion:149 Resp: 760344

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.4 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

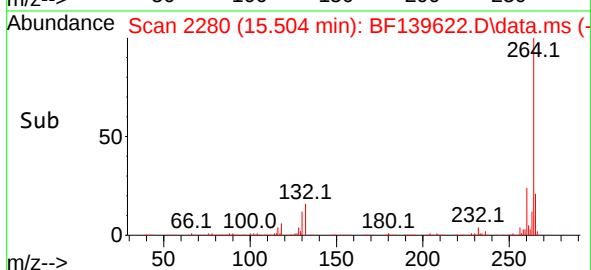
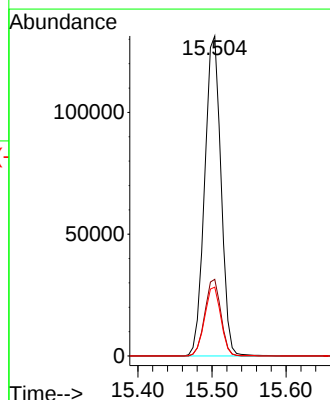
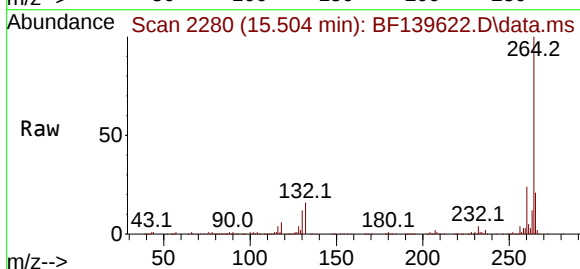
Tgt Ion:264 Resp: 200731

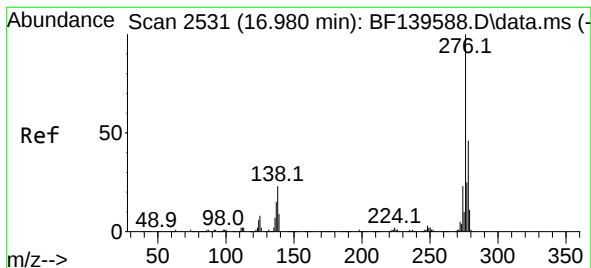
Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.5 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.906 ng

RT: 16.980 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

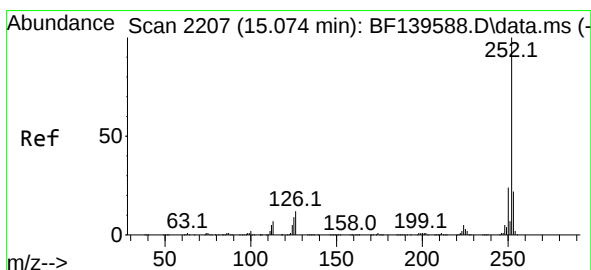
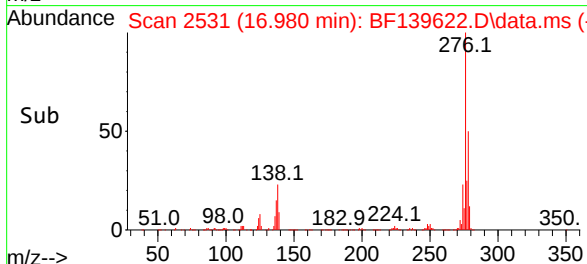
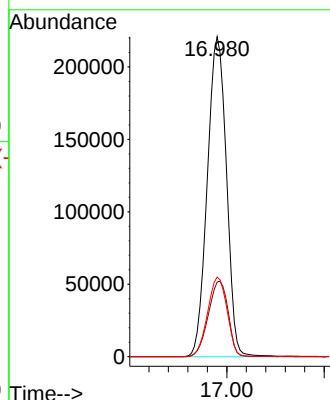
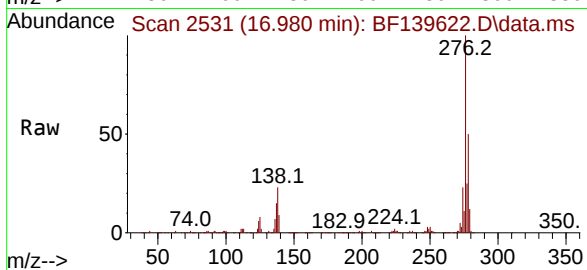
Tgt Ion:276 Resp: 601432

Ion Ratio Lower Upper

276 100

138 24.5 19.4 29.0

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.564 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

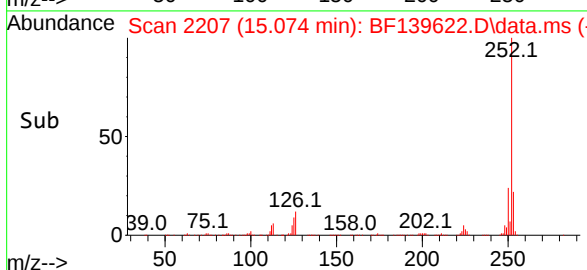
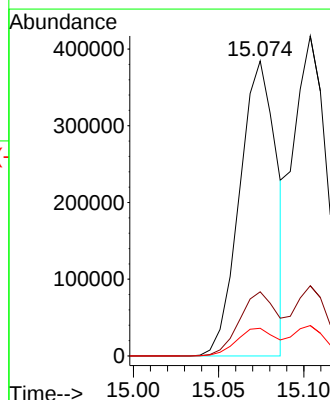
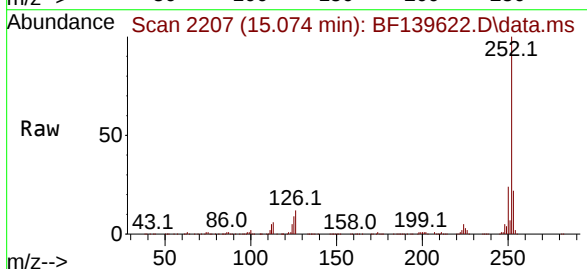
Tgt Ion:252 Resp: 578398

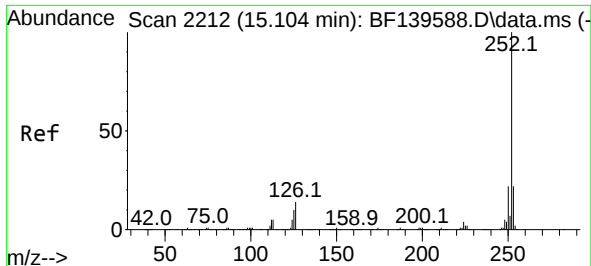
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 51.880 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB163811BS

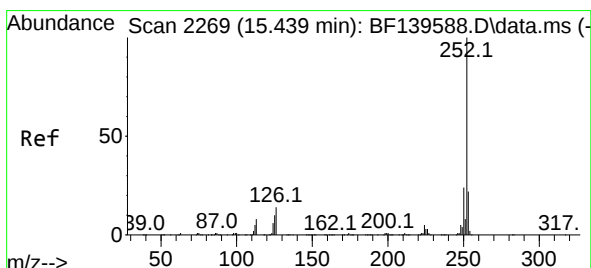
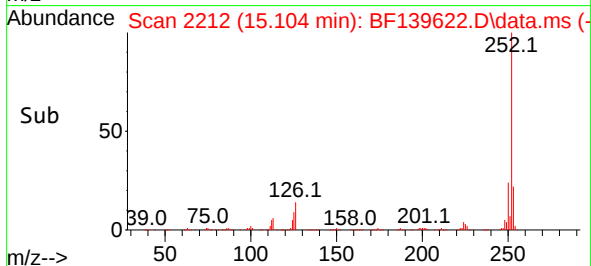
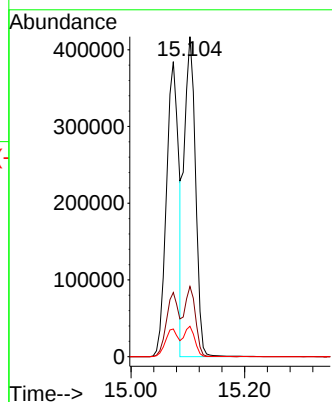
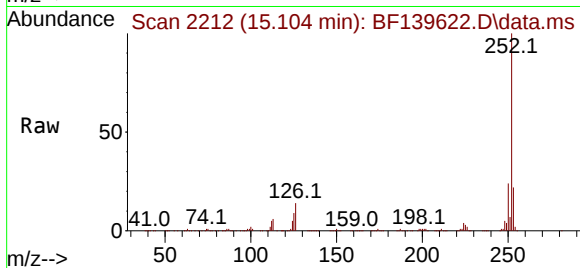
Tgt Ion:252 Resp: 571175

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.5 7.6 11.4



#90

Benzo(a)pyrene

Concen: 51.493 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF139622.D

Acq: 03 Oct 2024 10:52

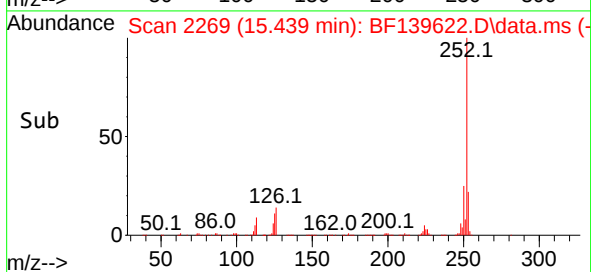
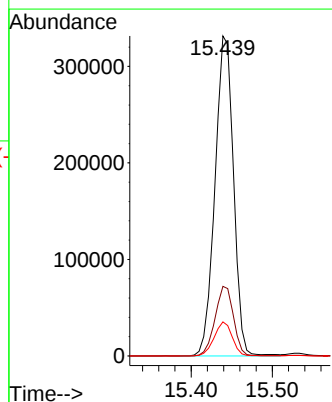
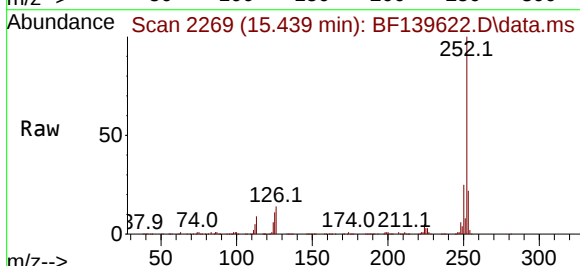
Tgt Ion:252 Resp: 526977

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

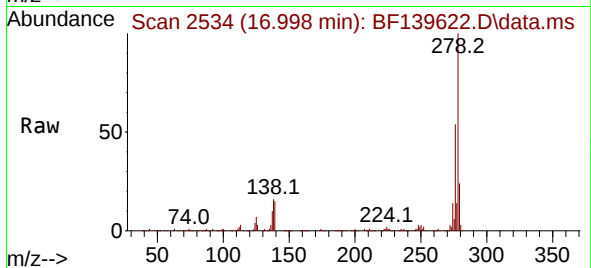
125 10.6 8.3 12.5



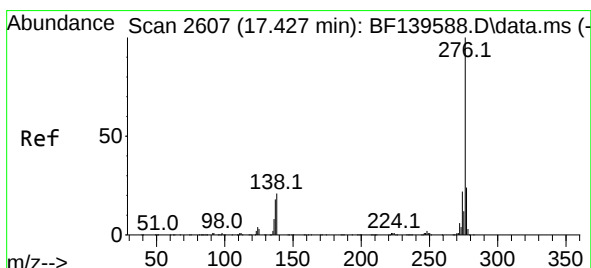
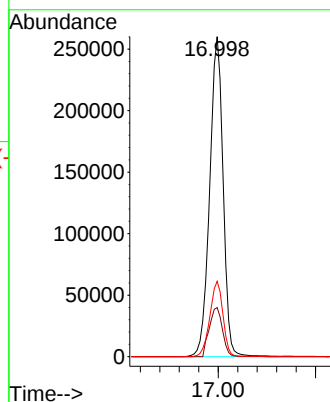
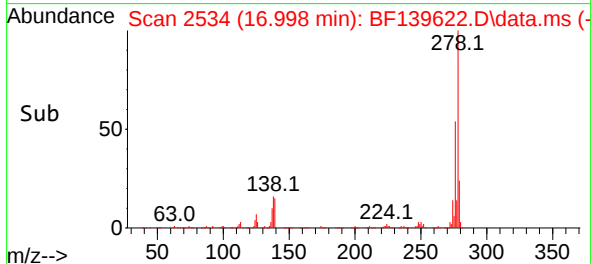


#91
Dibenzo(a,h)anthracene
Concen: 50.643 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Instrument :
BNA_F
ClientSampleId :
PB163811BS



Tgt Ion:278 Resp: 496262
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 23.5 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 46.357 ng
RT: 17.427 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF139622.D
Acq: 03 Oct 2024 10:52

Tgt Ion:276 Resp: 455577
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 21.1 17.0 25.6

