

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140868.D
 Acq On : 16 Dec 2024 18:53
 Operator : RC/JU
 Sample : PB165479BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165479BSD

Quant Time: Dec 17 00:04:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	88068	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	342169	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	192313	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	376140	20.000	ng	0.00
76) Chrysene-d12	14.027	240	259234	20.000	ng	0.00
86) Perylene-d12	15.504	264	217232	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	530843	99.226	ng	0.01
7) Phenol-d6	6.498	99	642708	90.703	ng	0.00
23) Nitrobenzene-d5	7.416	82	640221	93.611	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	205193	90.214	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1249803	89.349	ng	0.00
79) Terphenyl-d14	12.957	244	1437814	87.459	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	83383	36.185	ng	98
3) Pyridine	3.504	79	217410	40.740	ng	98
4) n-Nitrosodimethylamine	3.463	42	124818	46.396	ng	100
6) Aniline	6.516	93	226732	37.423	ng	88
8) 2-Chlorophenol	6.639	128	282059	48.348	ng	98
9) Benzaldehyde	6.404	77	77548	19.751	ng	98
10) Phenol	6.510	94	353241	48.099	ng	94
11) bis(2-Chloroethyl)ether	6.587	93	264452	48.285	ng	99
12) 1,3-Dichlorobenzene	6.787	146	309924	46.621	ng	97
13) 1,4-Dichlorobenzene	6.863	146	315484	46.753	ng	98
14) 1,2-Dichlorobenzene	7.016	146	296691	46.601	ng	99
15) Benzyl Alcohol	6.998	79	264368	52.180	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	337182	52.261	ng	87
17) 2-Methylphenol	7.116	107	229061	49.178	ng	97
18) Hexachloroethane	7.351	117	119004	47.373	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	209727	49.342	ng	99
20) 3+4-Methylphenols	7.269	107	301578	48.828	ng	96
22) Acetophenone	7.263	105	410853	48.000	ng	99
24) Nitrobenzene	7.434	77	322230	45.990	ng	99
25) Isophorone	7.675	82	568072	49.573	ng	99
26) 2-Nitrophenol	7.751	139	157531	48.818	ng	99
27) 2,4-Dimethylphenol	7.792	122	219313	58.195	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	341045	47.651	ng	98
29) 2,4-Dichlorophenol	7.998	162	247029	47.479	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	264609	44.365	ng	99
31) Naphthalene	8.151	128	870182	46.297	ng	100
32) Benzoic acid	7.945	122	159110	44.517	ng	99
33) 4-Chloroaniline	8.204	127	137031	21.951	ng	98
34) Hexachlorobutadiene	8.257	225	178984	44.603	ng	99
35) Caprolactam	8.586	113	70611m	45.587	ng	
36) 4-Chloro-3-methylphenol	8.704	107	263488	44.995	ng	100
37) 2-Methylnaphthalene	8.839	142	553045	44.481	ng	100
38) 1-Methylnaphthalene	8.939	142	513384	41.751	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	276446	46.768	ng	99
41) Hexachlorocyclopentadiene	8.986	237	156438	76.139	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	168094	46.442	ng	99

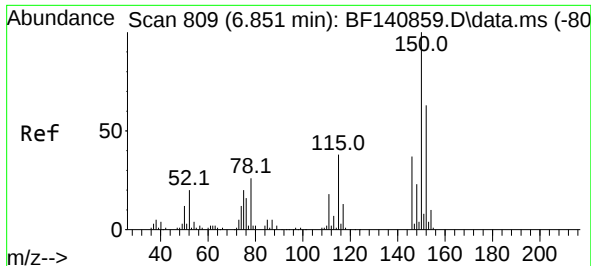
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	177785	44.689	ng	98
46) 1,1'-Biphenyl	9.304	154	715622	46.796	ng	99
47) 2-Chloronaphthalene	9.333	162	527819	45.117	ng	99
48) 2-Nitroaniline	9.439	65	173045	48.977	ng	96
49) Acenaphthylene	9.745	152	877529	51.042	ng	100
50) Dimethylphthalate	9.610	163	654423	48.267	ng	100
51) 2,6-Dinitrotoluene	9.680	165	145672	46.997	ng	93
52) Acenaphthene	9.916	154	530795	48.332	ng	99
53) 3-Nitroaniline	9.851	138	93662	30.449	ng	99
54) 2,4-Dinitrophenol	9.969	184	131838	86.587	ng	98
55) Dibenzofuran	10.092	168	782609	45.988	ng	99
56) 4-Nitrophenol	10.039	139	174902	104.279	ng	98
57) 2,4-Dinitrotoluene	10.086	165	188769	46.287	ng	97
58) Fluorene	10.433	166	647471	46.118	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	163265	50.364	ng	98
60) Diethylphthalate	10.304	149	667542	47.479	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	321077	45.528	ng	99
62) 4-Nitroaniline	10.475	138	142602	44.363	ng	99
63) Azobenzene	10.586	77	626965	47.434	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	102430	48.057	ng	98
66) n-Nitrosodiphenylamine	10.545	169	569807	49.272	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	210022	49.910	ng	99
68) Hexachlorobenzene	10.986	284	210599	44.142	ng	100
69) Atrazine	11.074	200	187378	58.014	ng	98
70) Pentachlorophenol	11.192	266	170937	97.998	ng	98
71) Phenanthrene	11.398	178	962127	49.741	ng	99
72) Anthracene	11.451	178	979319	51.411	ng	100
73) Carbazole	11.610	167	830060	44.488	ng	100
74) Di-n-butylphthalate	11.927	149	1056427	48.245	ng	100
75) Fluoranthene	12.592	202	1028945	46.190	ng	99
77) Benzidine	12.716	184	227710	43.038	ng	100
78) Pyrene	12.821	202	1042499	45.223	ng	100
80) Butylbenzylphthalate	13.427	149	371847	43.838	ng	100
81) Benzo(a)anthracene	14.015	228	897845	48.868	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	182319	32.891	ng	100
83) Chrysene	14.051	228	830787	49.727	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	564719	51.633	ng	99
85) Di-n-octyl phthalate	14.604	149	797783	48.214	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	691365	51.000	ng	100
88) Benzo(b)fluoranthene	15.074	252	733377	48.635	ng	99
89) Benzo(k)fluoranthene	15.104	252	578569	44.729	ng	100
90) Benzo(a)pyrene	15.445	252	624207	52.865	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	573851	51.097	ng	99
92) Benzo(g,h,i)perylene	17.462	276	521641	45.637	ng	99

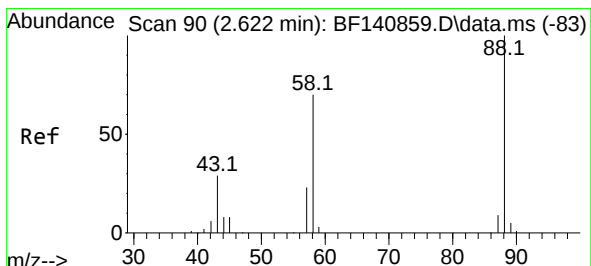
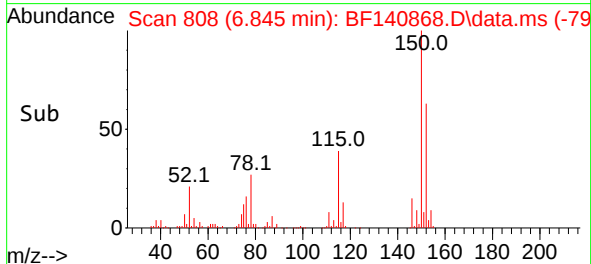
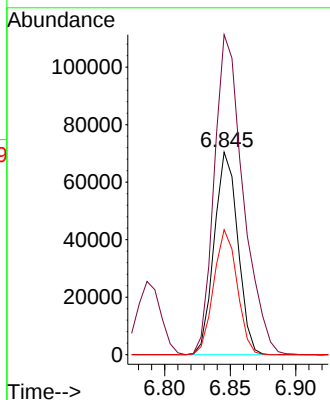
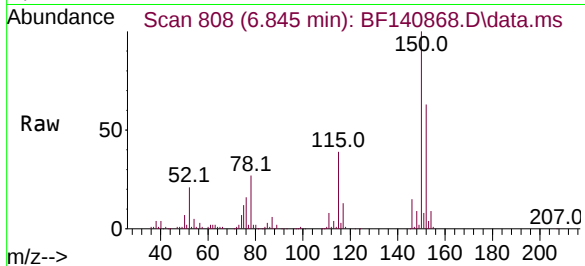
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF140868.D
 Acq: 16 Dec 2024 18:53

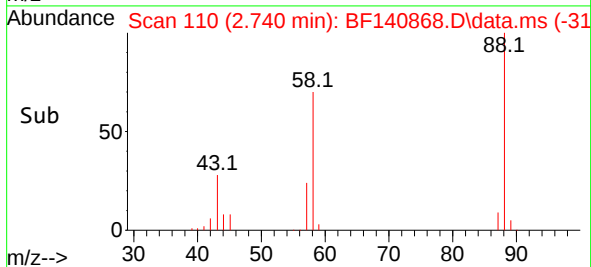
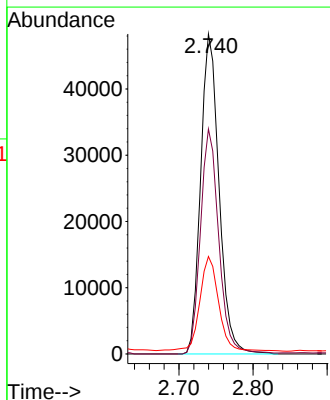
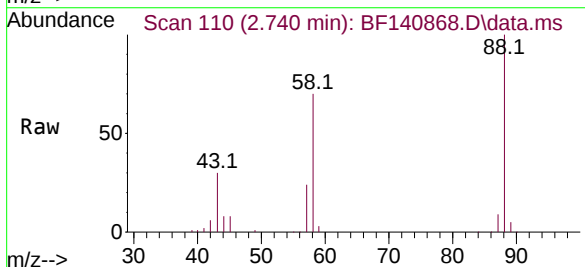
Instrument :
 BNA_F
 ClientSampleId :
 PB165479BSD

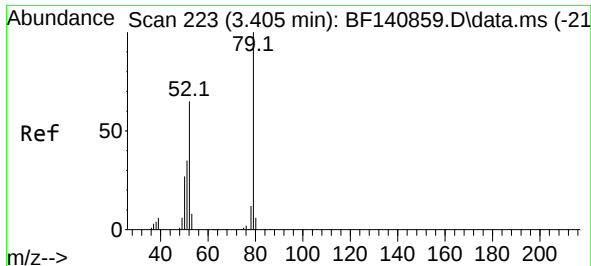
Tgt Ion:152 Resp: 88068
 Ion Ratio Lower Upper
 152 100
 150 158.0 127.9 191.9
 115 61.7 48.0 72.0



#2
 1,4-Dioxane
 Concen: 36.185 ng
 RT: 2.740 min Scan# 110
 Delta R.T. 0.117 min
 Lab File: BF140868.D
 Acq: 16 Dec 2024 18:53

Tgt Ion: 88 Resp: 83383
 Ion Ratio Lower Upper
 88 100
 58 70.1 55.8 83.8
 43 30.8 22.7 34.1





#3

Pyridine

Concen: 40.740 ng

RT: 3.504 min Scan# 24

Delta R.T. 0.100 min

Lab File: BF140868.D

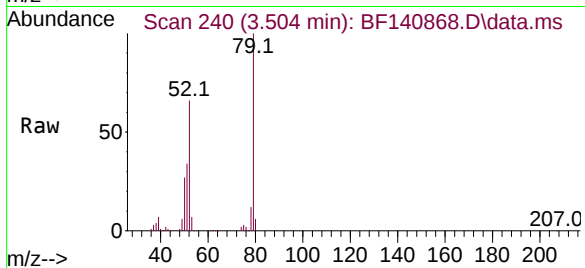
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Instrument :

BNA_F

ClientSampleId :

PB165479BSD



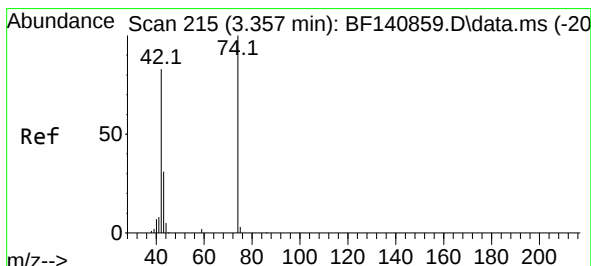
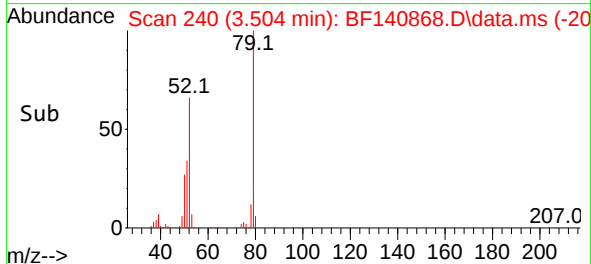
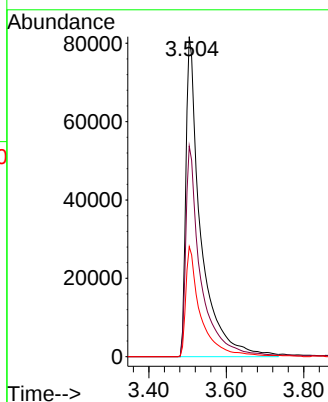
Tgt Ion: 79 Resp: 217410

Ion Ratio Lower Upper

79 100

52 65.9 51.7 77.5

51 34.4 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 46.396 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.106 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

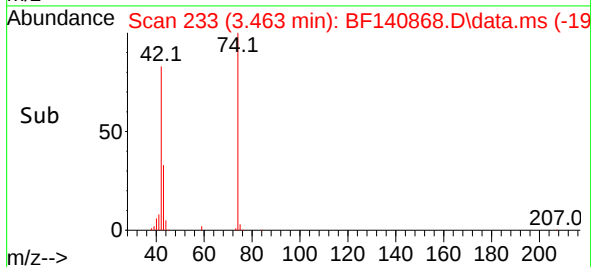
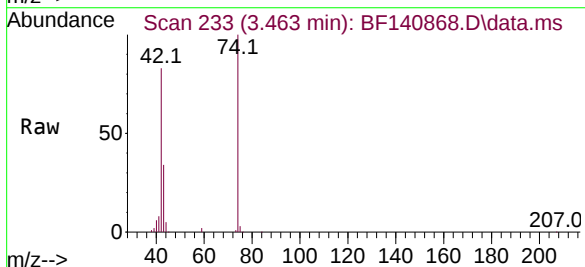
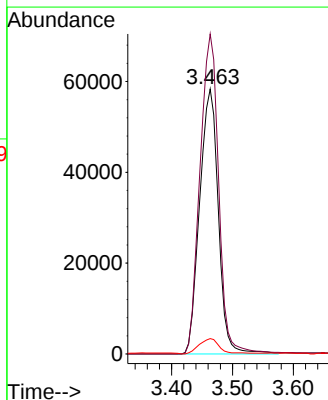
Tgt Ion: 42 Resp: 124818

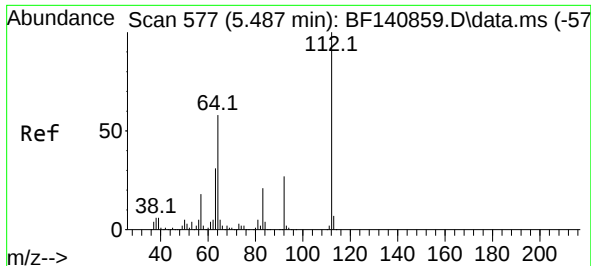
Ion Ratio Lower Upper

42 100

74 120.8 96.9 145.3

44 5.8 4.4 6.6

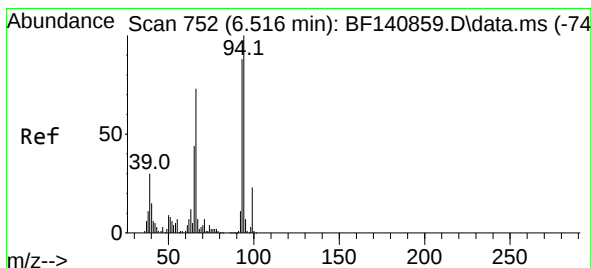
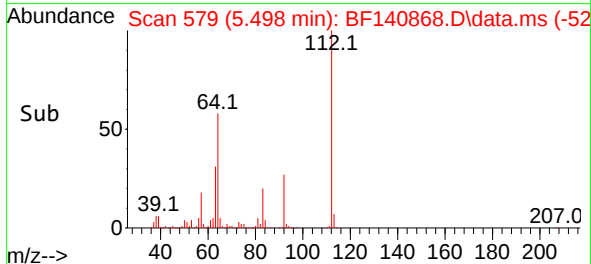
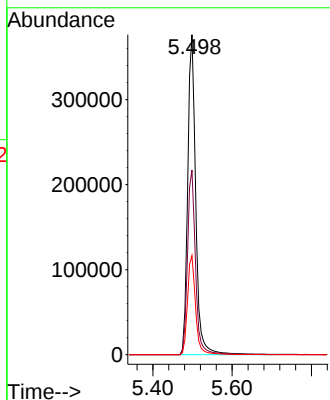
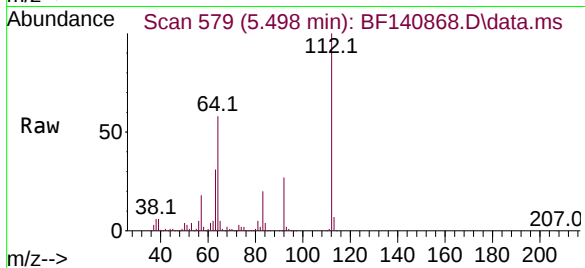




#5
2-Fluorophenol
Concen: 99.226 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

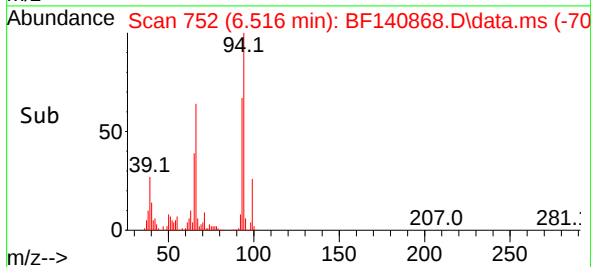
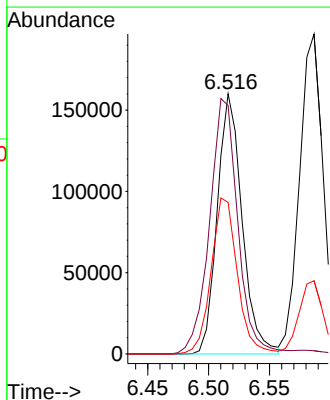
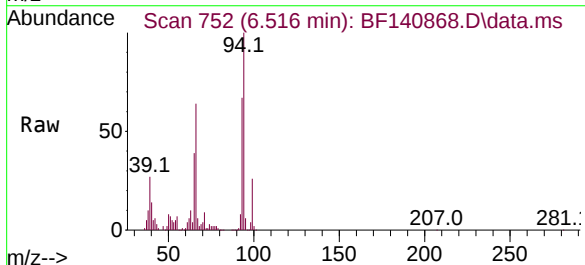
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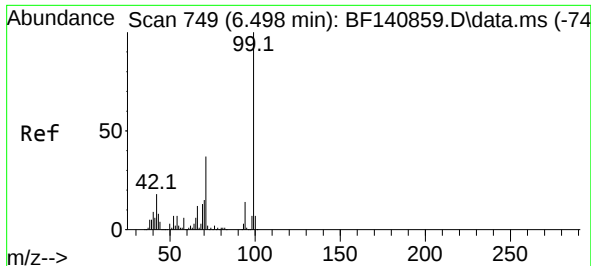
Tgt Ion:112 Resp: 530843
Ion Ratio Lower Upper
112 100
64 57.7 46.1 69.1
63 31.0 24.9 37.3



#6
Aniline
Concen: 37.423 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

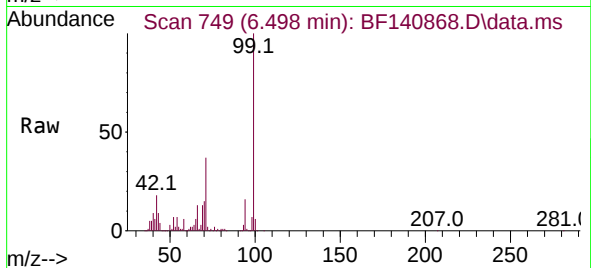
Tgt Ion: 93 Resp: 226732
Ion Ratio Lower Upper
93 100
66 95.5 67.0 100.4
65 58.3 40.4 60.6





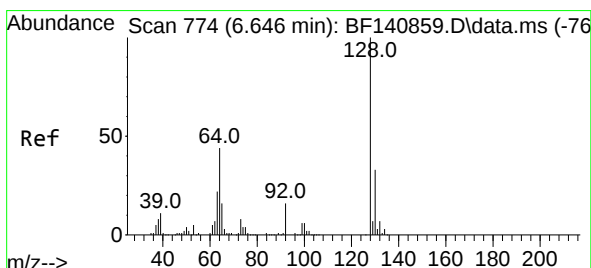
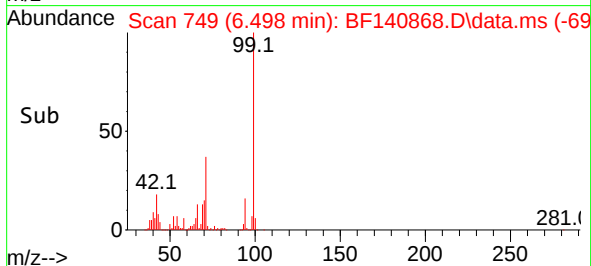
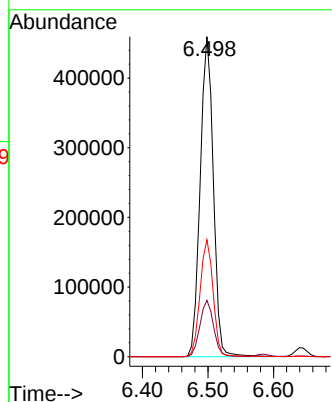
#7
Phenol-d6
Concen: 90.703 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Instrument :
BNA_F
ClientSampleId :
PB165479BSD



Tgt Ion: 99 Resp: 642708

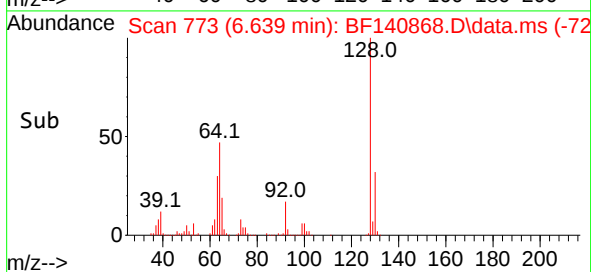
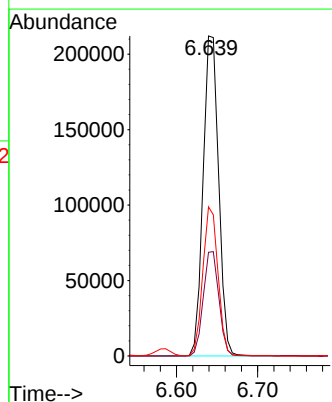
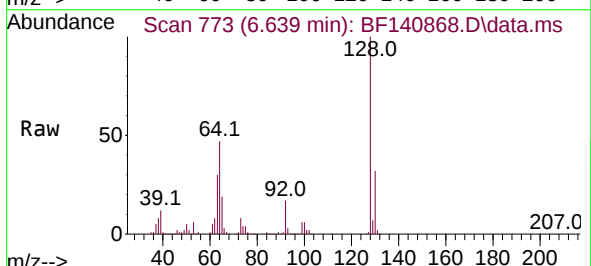
Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.3	21.5
71	36.6	29.9	44.9

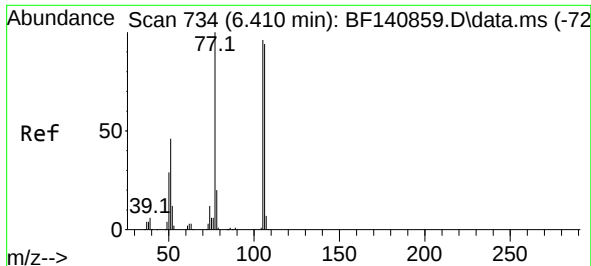


#8
2-Chlorophenol
Concen: 48.348 ng
RT: 6.639 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion: 128 Resp: 282059

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	46.6	24.3	64.3

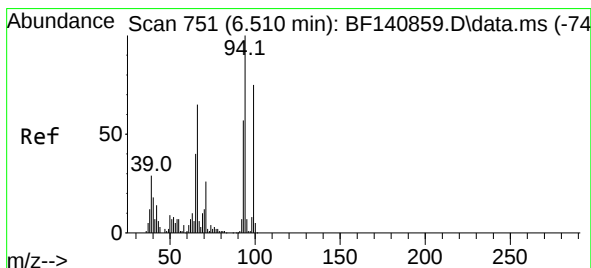
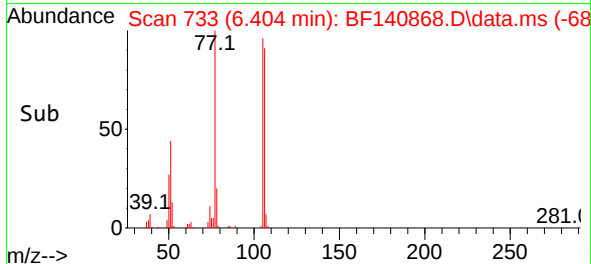
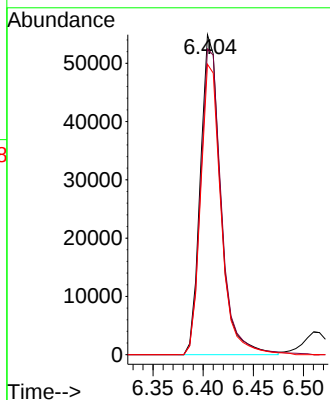
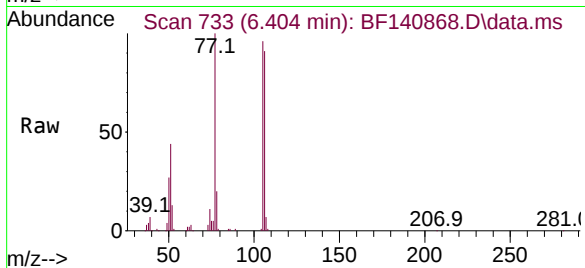




#9
Benzaldehyde
Concen: 19.751 ng
RT: 6.404 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

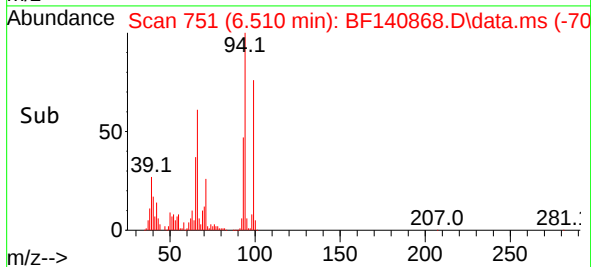
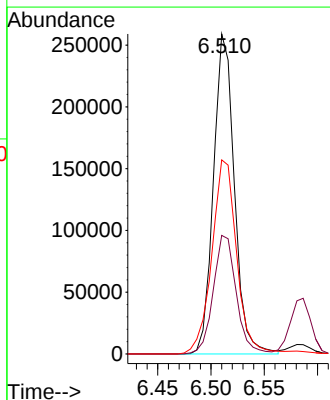
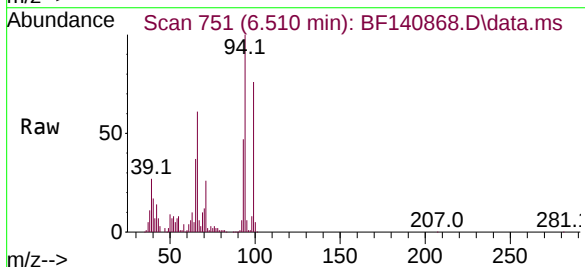
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

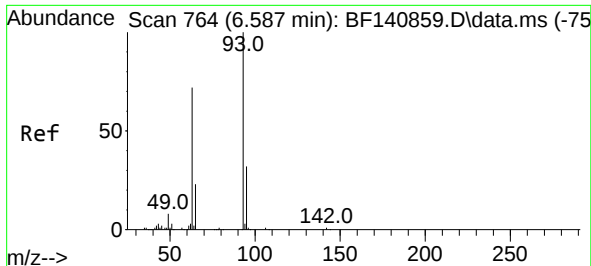
Tgt Ion: 77 Resp: 77548
Ion Ratio Lower Upper
77 100
105 95.6 75.8 115.8
106 90.7 74.1 114.1



#10
Phenol
Concen: 48.099 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion: 94 Resp: 353241
Ion Ratio Lower Upper
94 100
65 37.0 19.9 59.9
66 60.7 45.6 85.6

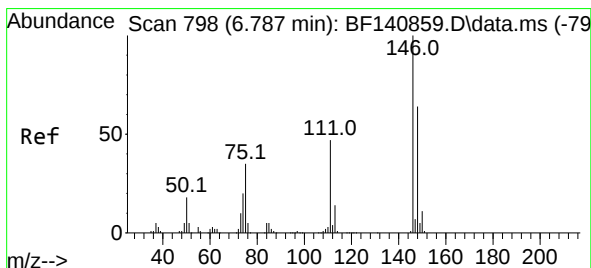
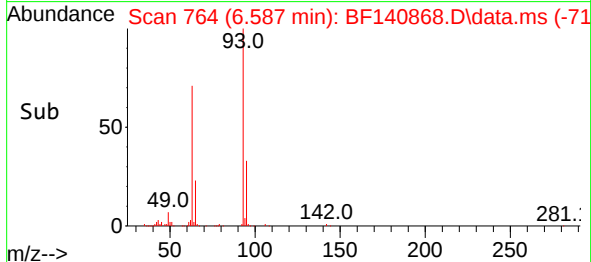
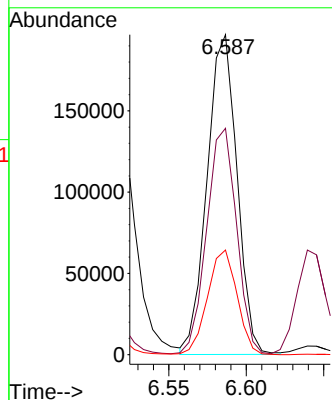
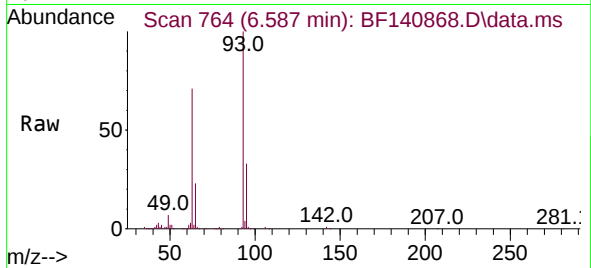




#11
bis(2-Chloroethyl)ether
Concen: 48.285 ng
RT: 6.587 min Scan# 701
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

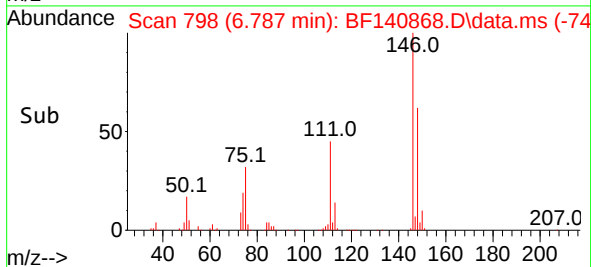
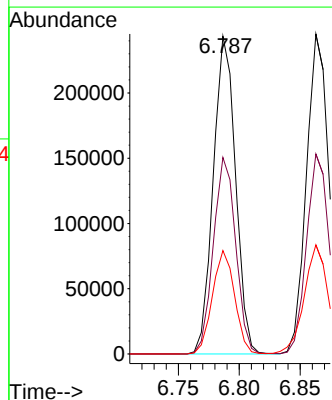
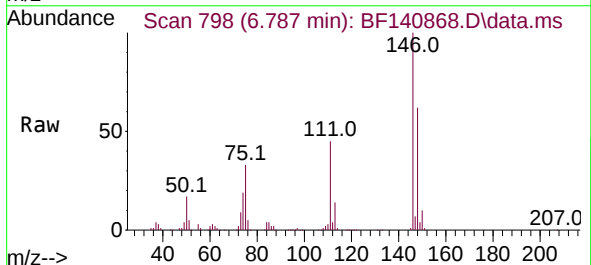
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

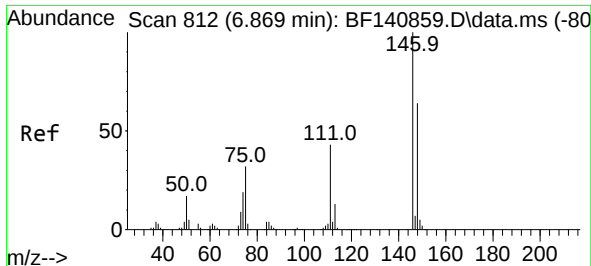
Tgt Ion: 93 Resp: 264452
Ion Ratio Lower Upper
93 100
63 70.7 51.0 91.0
95 32.7 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 46.621 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:146 Resp: 309924
Ion Ratio Lower Upper
146 100
148 61.8 51.0 76.6
75 32.5 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 46.753 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

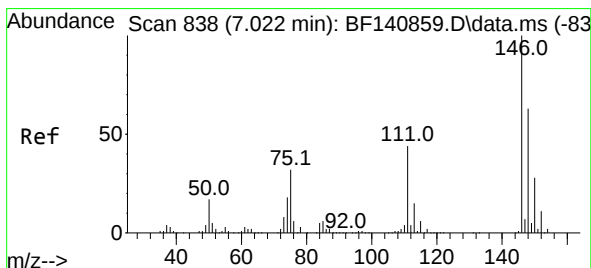
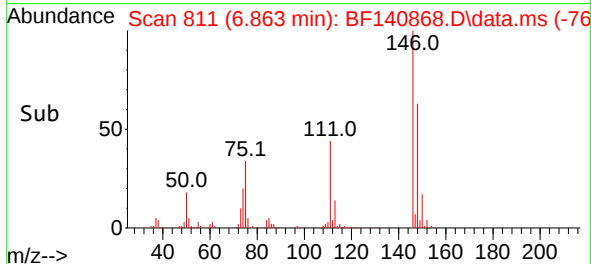
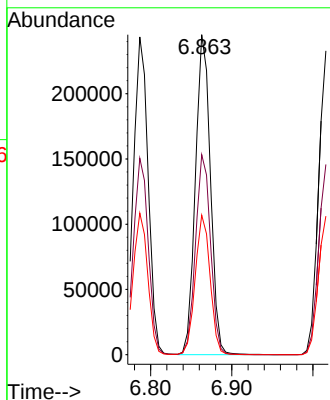
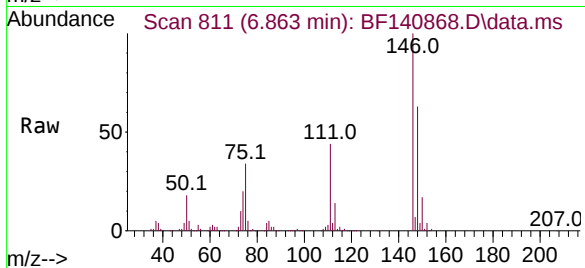
Tgt Ion:146 Resp: 315484

Ion Ratio Lower Upper

146 100

148 62.5 51.3 76.9

111 43.6 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 46.601 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

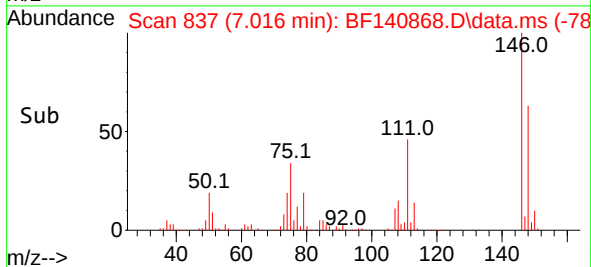
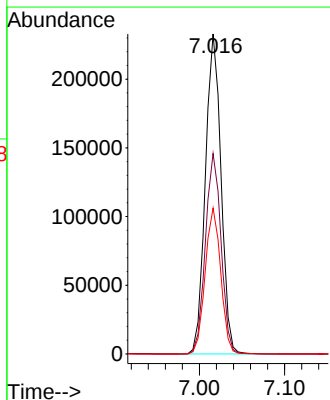
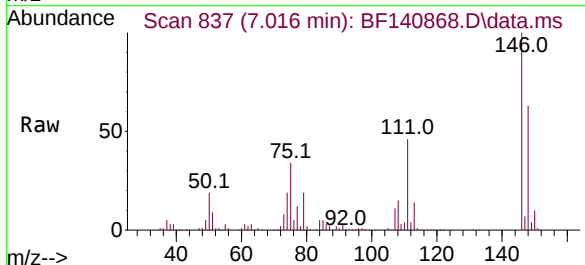
Tgt Ion:146 Resp: 296691

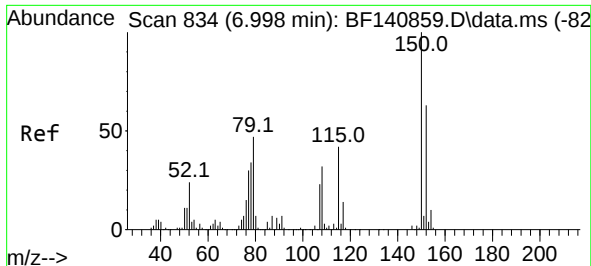
Ion Ratio Lower Upper

146 100

148 62.6 50.0 75.0

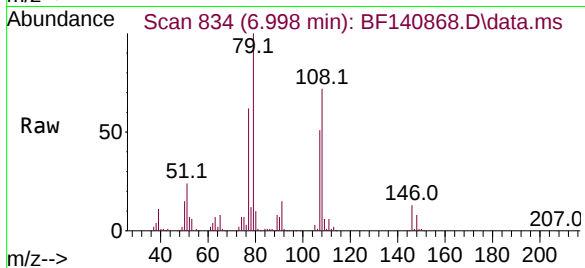
111 45.6 35.6 53.4



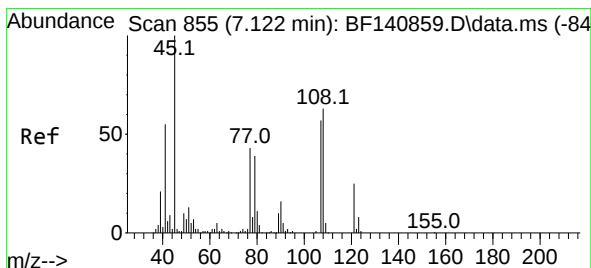
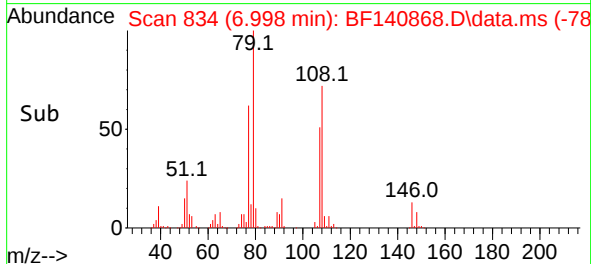
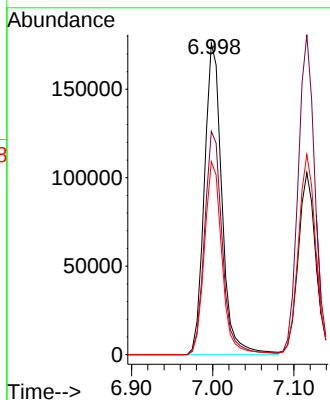


#15
Benzyl Alcohol
Concen: 52.180 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Instrument :
BNA_F
ClientSampleId :
PB165479BSD

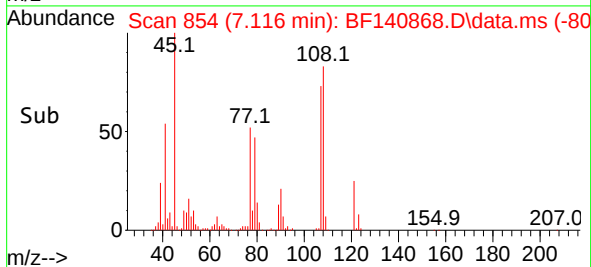
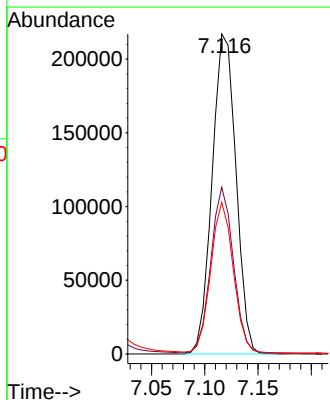
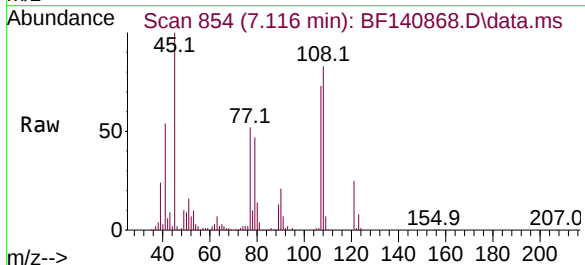


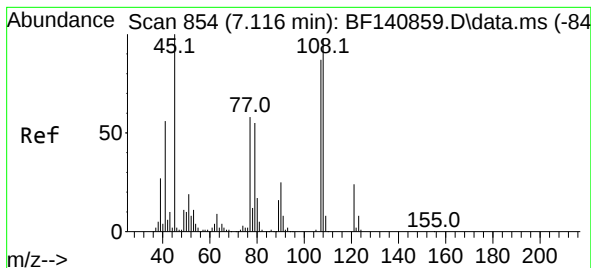
Tgt Ion: 79 Resp: 264368
Ion Ratio Lower Upper
79 100
108 71.7 55.1 82.7
77 62.0 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.261 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion: 45 Resp: 337182
Ion Ratio Lower Upper
45 100
77 52.1 23.3 63.3
79 47.4 20.0 60.0





#17

2-Methylphenol

Concen: 49.178 ng

RT: 7.116 min Scan# 8

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

Tgt Ion:107 Resp: 229061

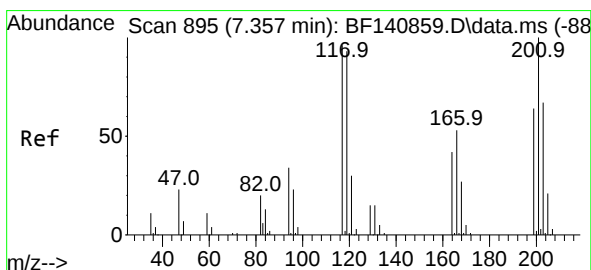
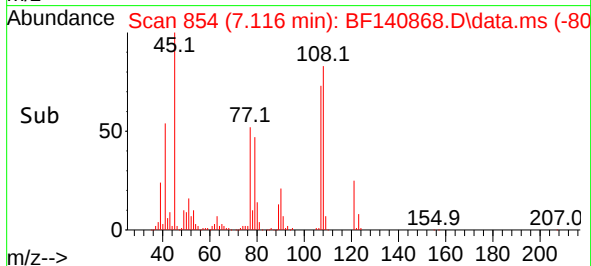
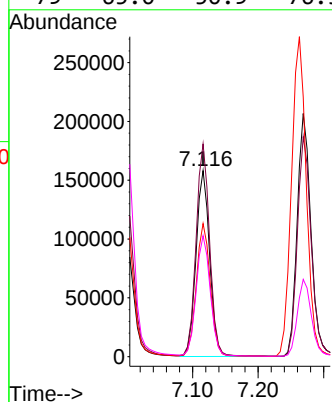
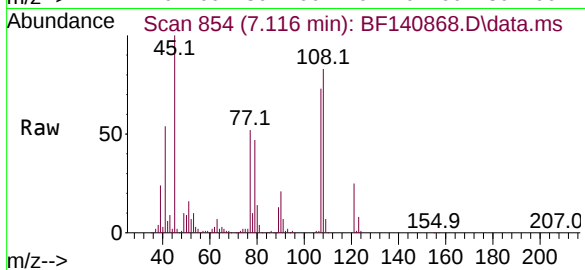
Ion Ratio Lower Upper

107 100

108 114.3 90.2 135.4

77 71.5 53.8 80.6

79 65.0 50.9 76.3



#18

Hexachloroethane

Concen: 47.373 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

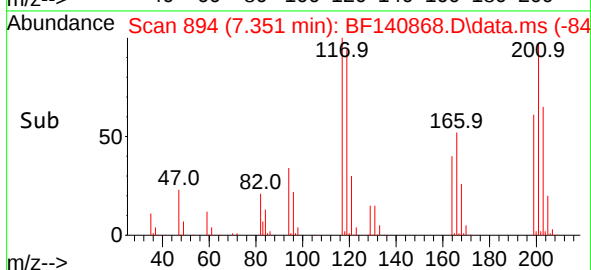
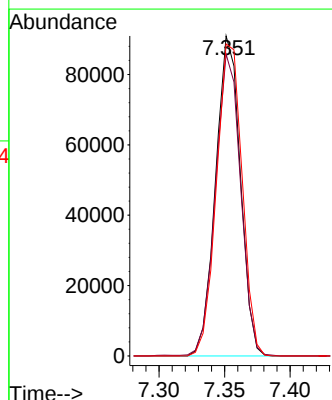
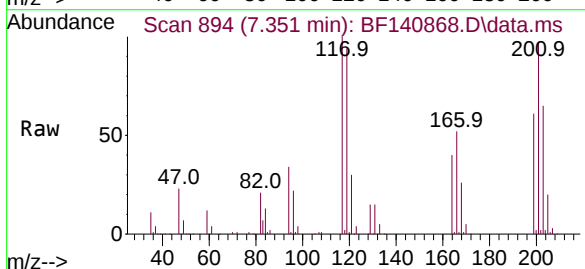
Tgt Ion:117 Resp: 119004

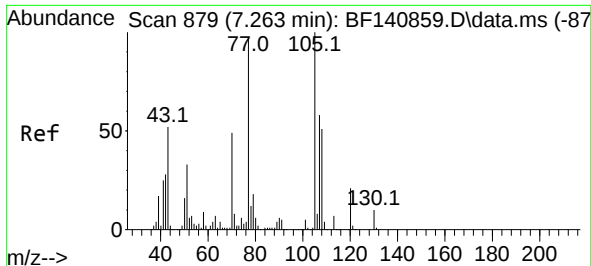
Ion Ratio Lower Upper

117 100

119 94.3 77.4 116.0

201 97.5 83.4 125.0



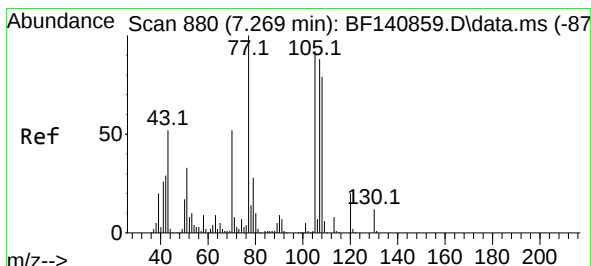
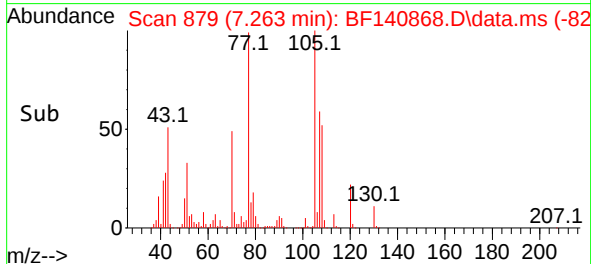
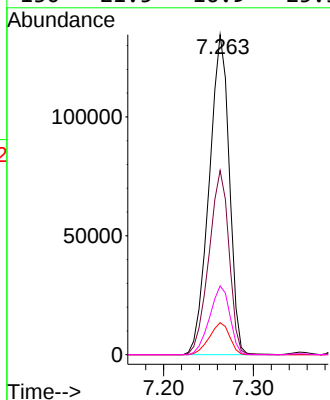
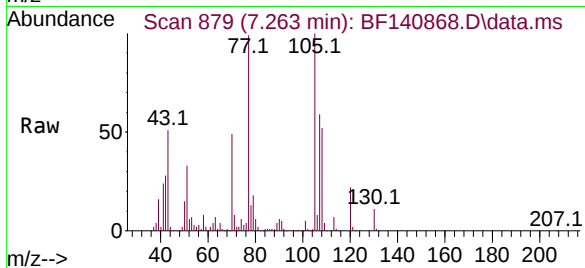


#19
n-Nitroso-di-n-propylamine
Concen: 49.342 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Instrument :
BNA_F
ClientSampleId :
PB165479BSD

Tgt Ion: 70 Resp: 209727

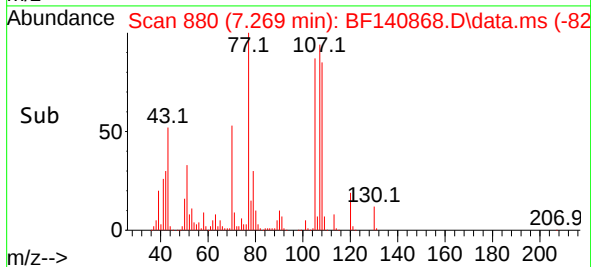
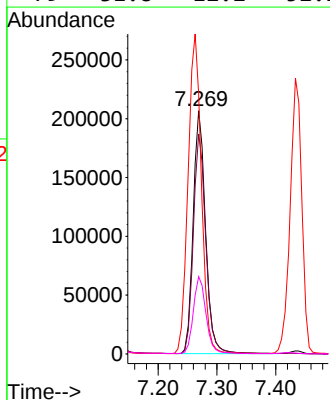
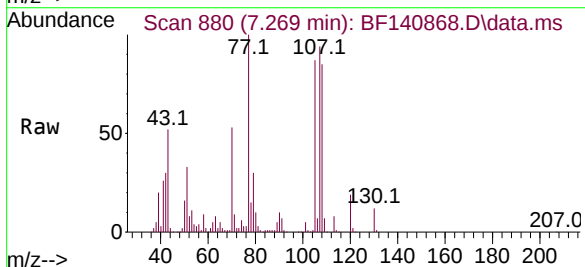
Ion	Ratio	Lower	Upper
70	100		
42	57.6	45.3	67.9
101	10.0	8.0	12.0
130	21.5	16.9	25.3

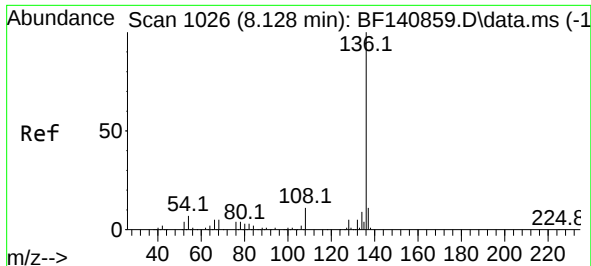


#20
3+4-Methylphenols
Concen: 48.828 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion: 107 Resp: 301578

Ion	Ratio	Lower	Upper
107	100		
108	90.5	70.1	110.1
77	106.7	94.4	134.4
79	31.8	12.2	52.2

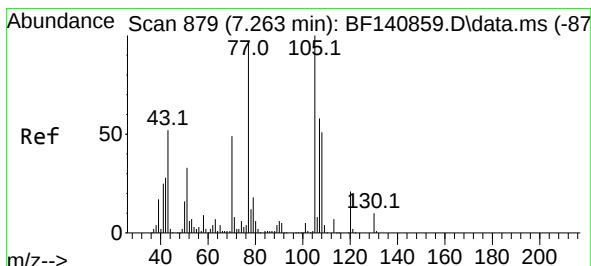
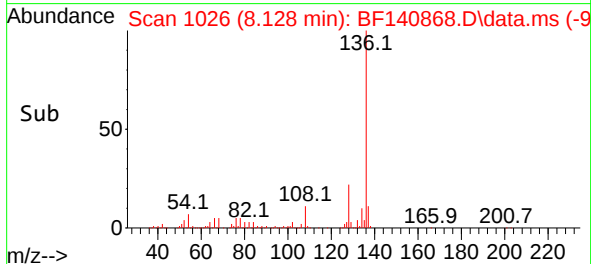
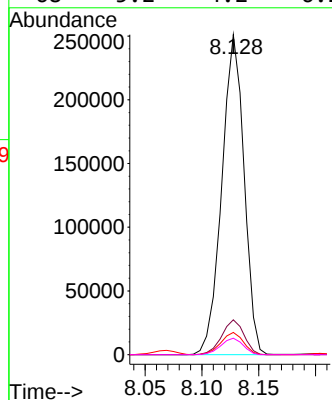
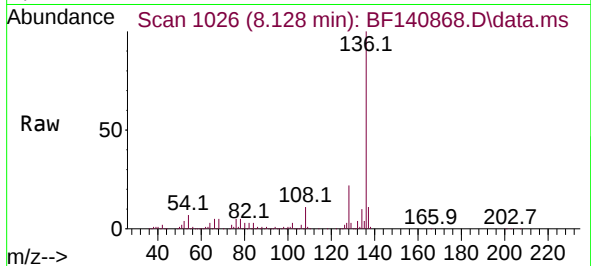




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

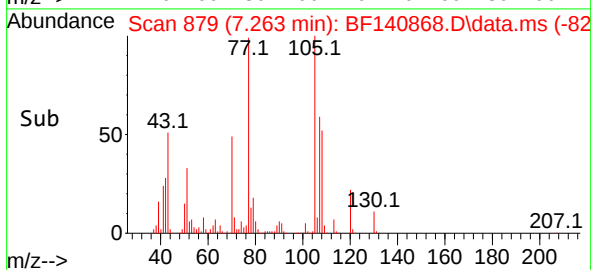
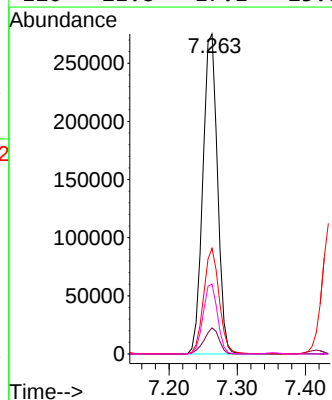
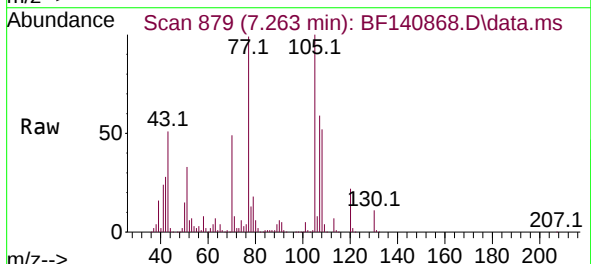
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

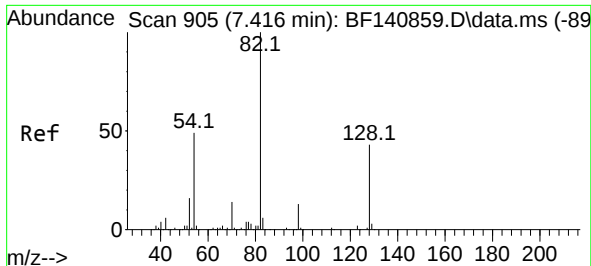
Tgt Ion:	136	Resp:	342169
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.9	5.6	8.4
68	5.2	4.2	6.2



#22
Acetophenone
Concen: 48.000 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:	105	Resp:	410853
Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.2	9.4
51	33.0	26.3	39.5
120	21.8	17.1	25.7

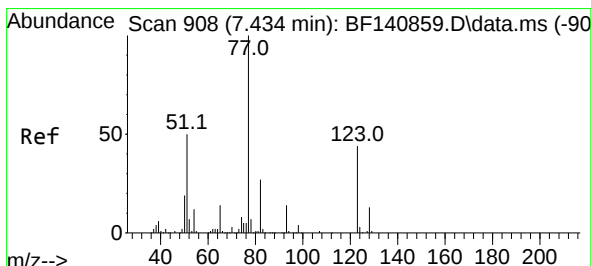
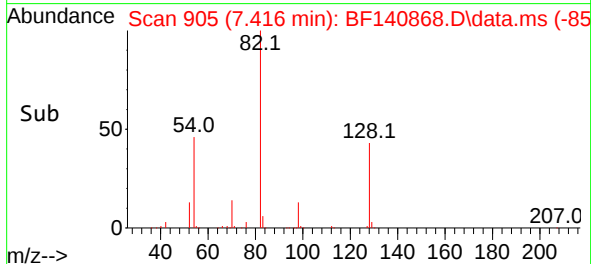
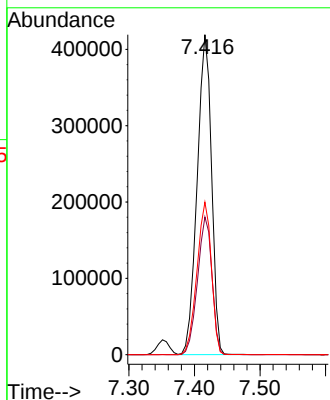
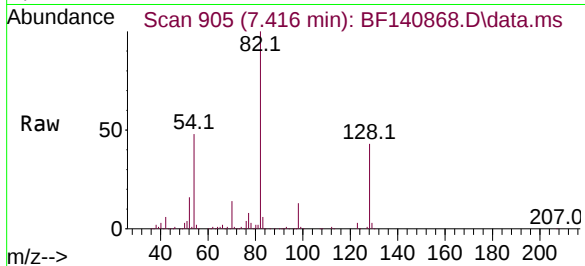




#23
Nitrobenzene-d5
Concen: 93.611 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

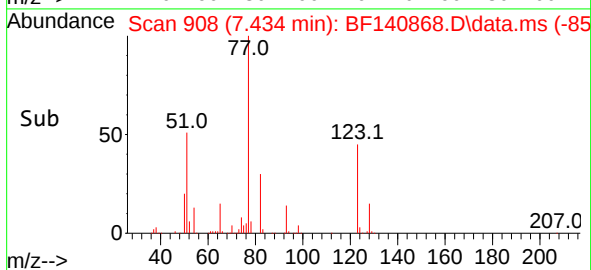
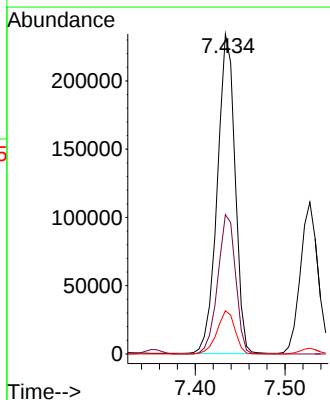
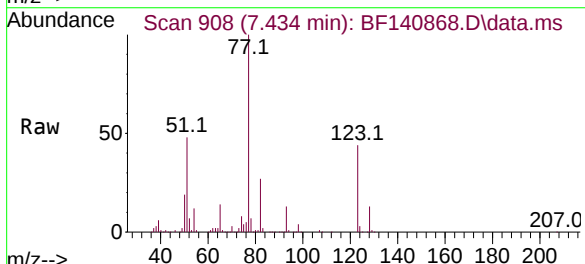
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

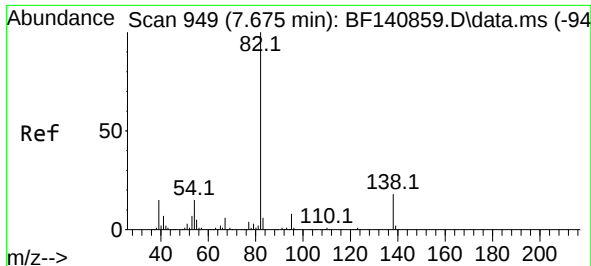
Tgt Ion: 82 Resp: 640221
Ion Ratio Lower Upper
82 100
128 43.0 34.4 51.6
54 47.6 38.8 58.2



#24
Nitrobenzene
Concen: 45.990 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion: 77 Resp: 322230
Ion Ratio Lower Upper
77 100
123 43.5 35.0 52.4
65 13.5 11.4 17.0

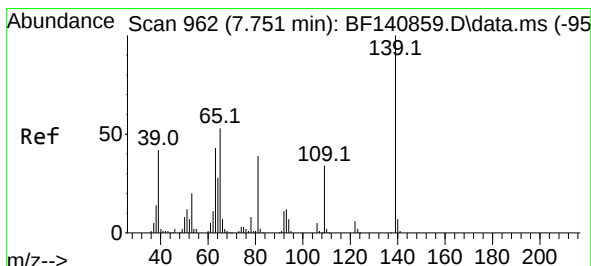
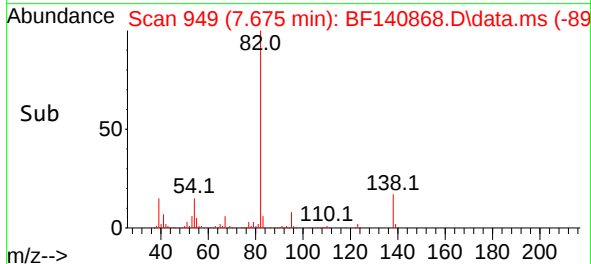
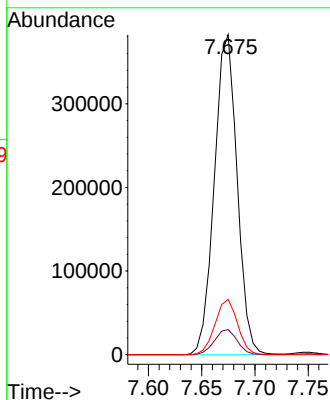
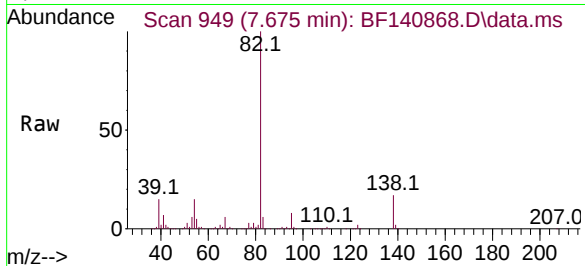




#25
Isophorone
Concen: 49.573 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

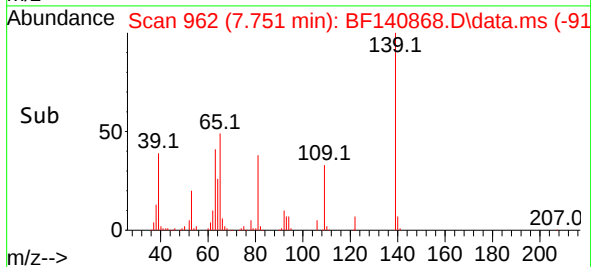
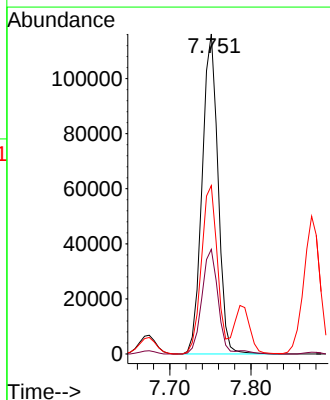
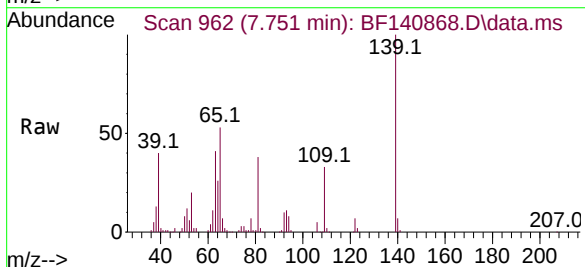
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

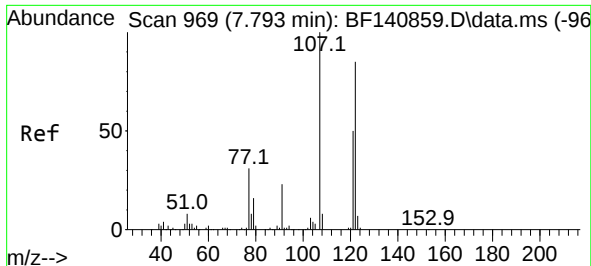
Tgt Ion: 82 Resp: 568072
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 17.3 14.1 21.1



#26
2-Nitrophenol
Concen: 48.818 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion: 139 Resp: 157531
Ion Ratio Lower Upper
139 100
109 32.7 26.9 40.3
65 52.6 42.6 64.0

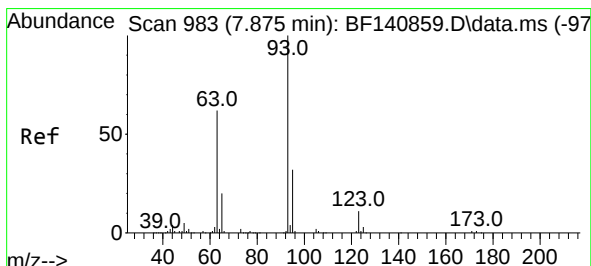
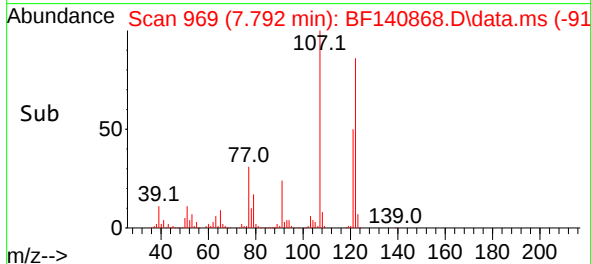
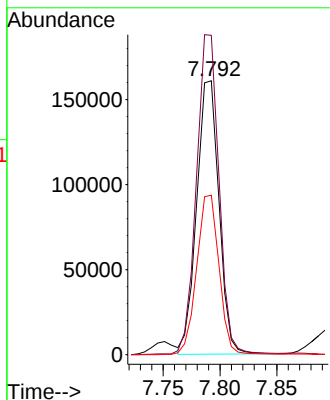
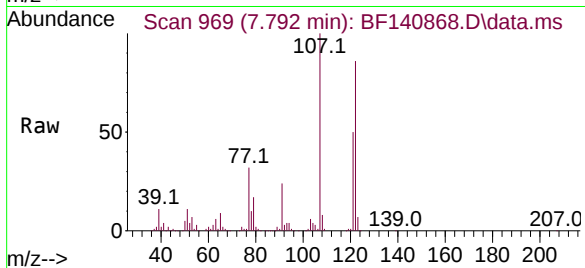




#27
2,4-Dimethylphenol
Concen: 58.195 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

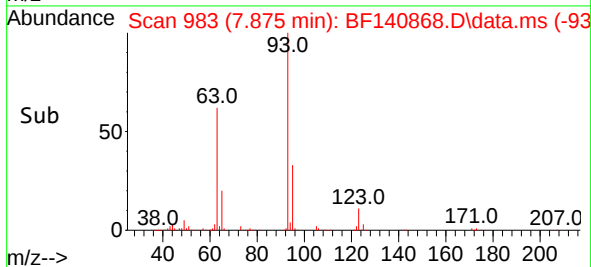
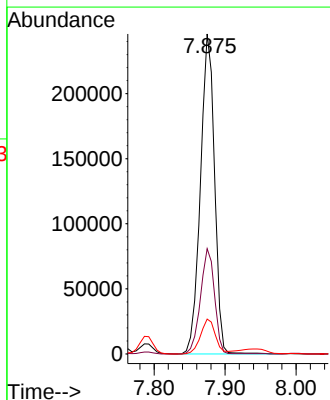
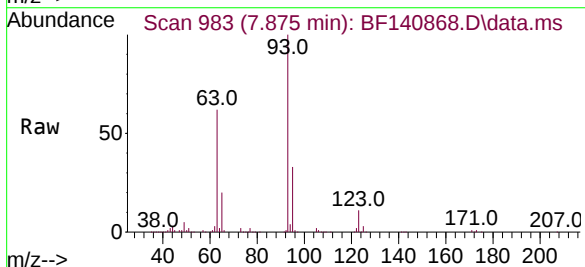
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

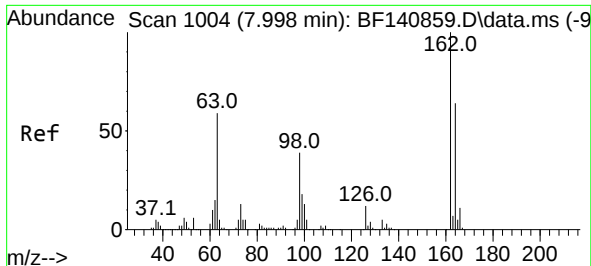
Tgt Ion:122 Resp: 219313
Ion Ratio Lower Upper
122 100
107 116.6 92.6 139.0
121 58.2 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 47.651 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion: 93 Resp: 341045
Ion Ratio Lower Upper
93 100
95 32.9 25.3 37.9
123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 47.479 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

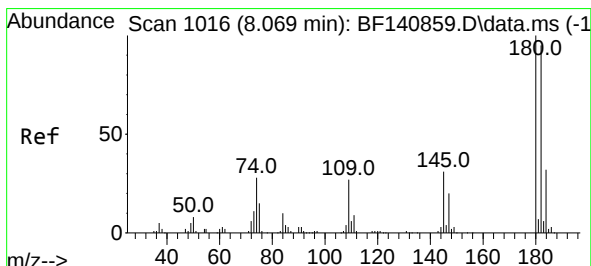
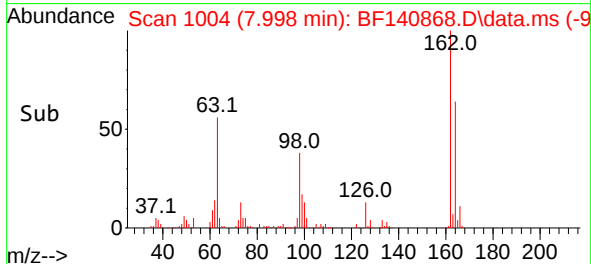
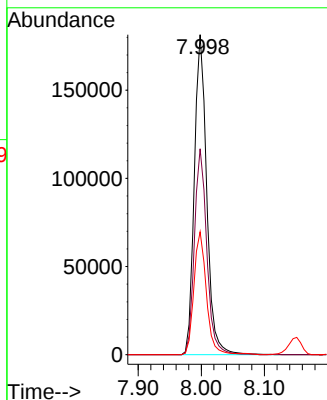
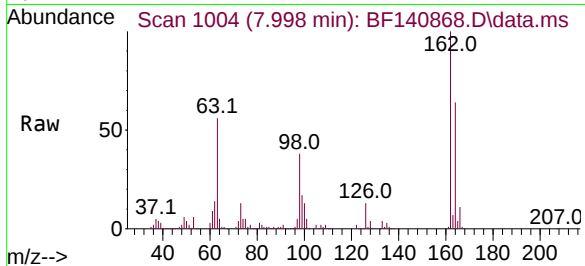
Tgt Ion:162 Resp: 247029

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

98 38.4 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 44.365 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

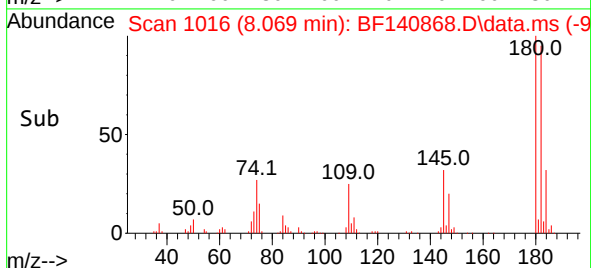
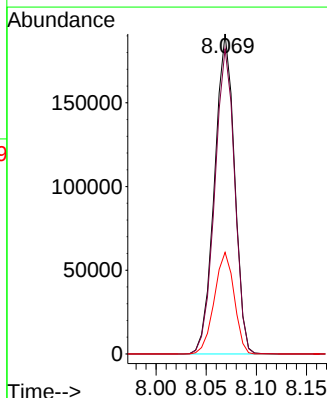
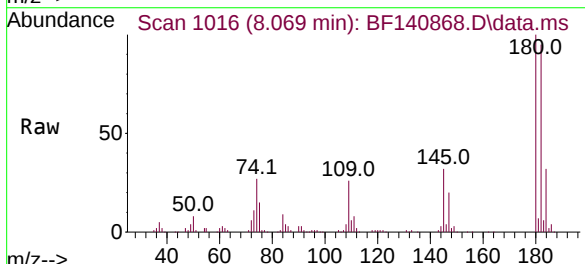
Tgt Ion:180 Resp: 264609

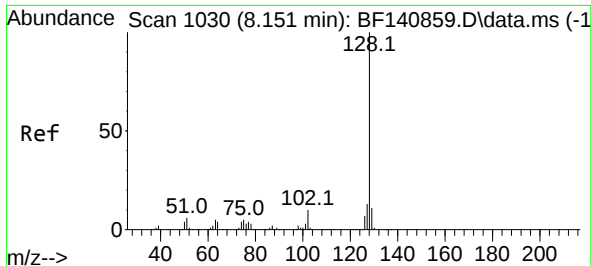
Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.6

145 31.8 25.2 37.8

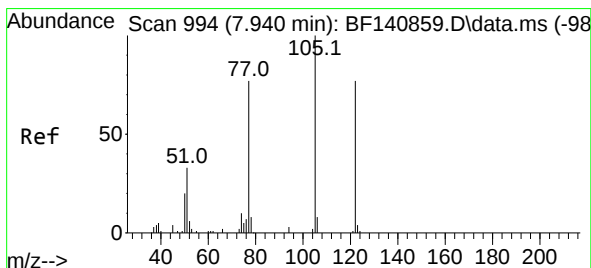
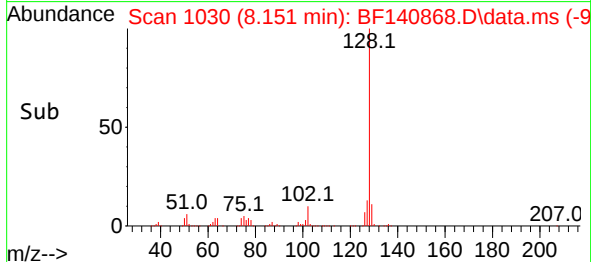
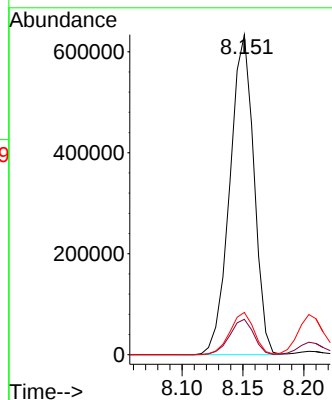
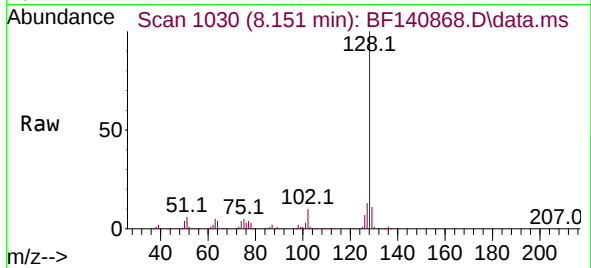




#31
Naphthalene
Concen: 46.297 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

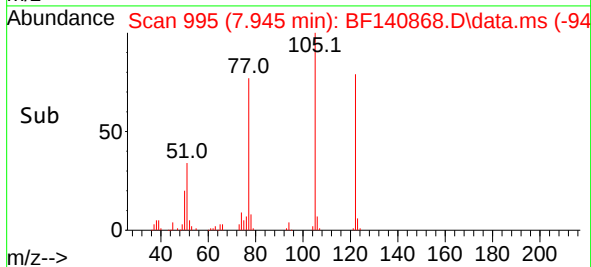
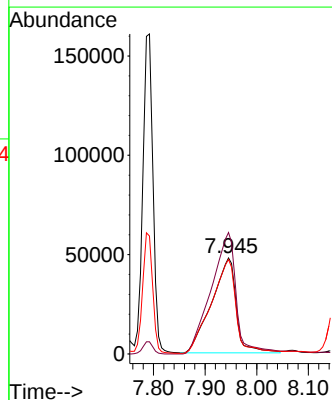
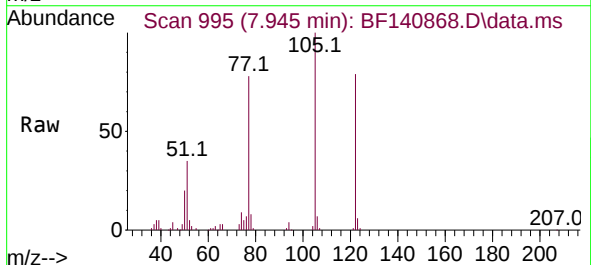
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

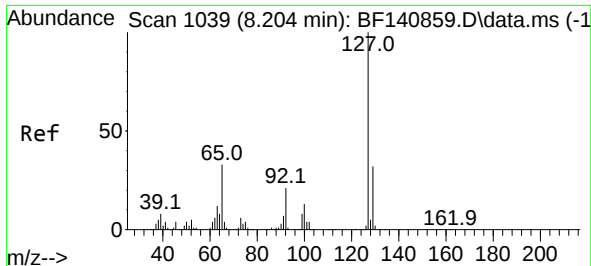
Tgt Ion:128 Resp: 870182
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 44.517 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.005 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:122 Resp: 159110
Ion Ratio Lower Upper
122 100
105 126.4 108.3 148.3
77 98.5 78.8 118.8

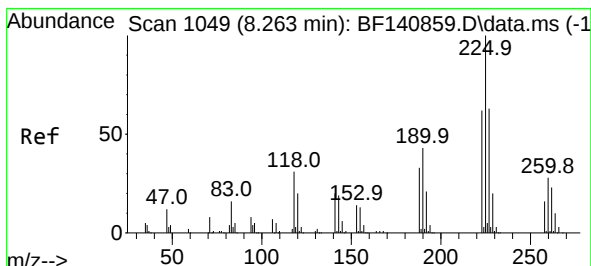
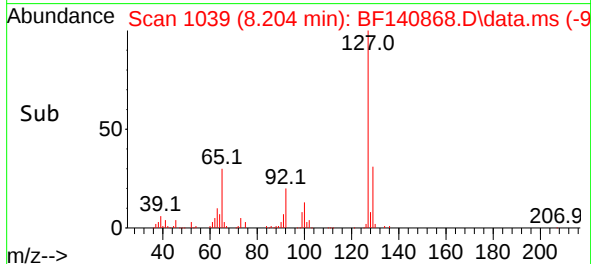
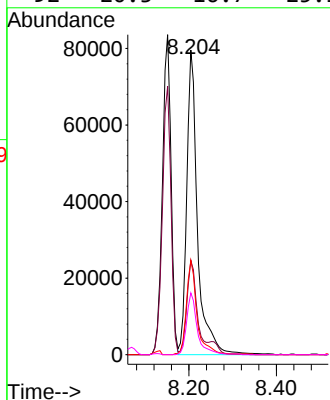
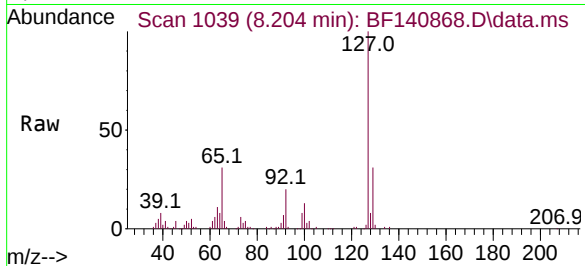




#33
4-Chloroaniline
Concen: 21.951 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

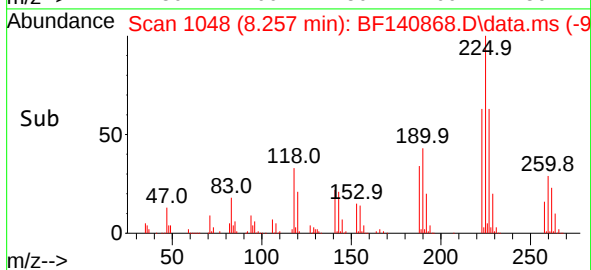
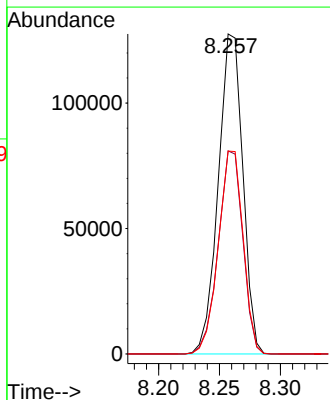
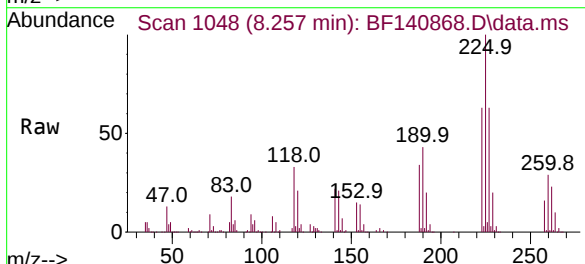
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

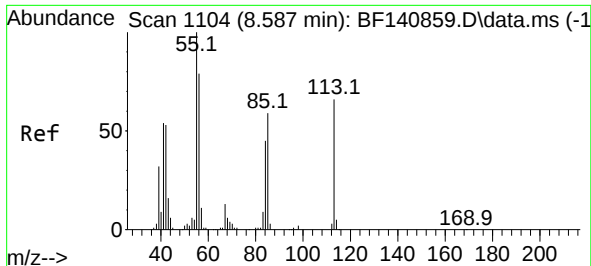
Tgt Ion:	127	Resp:	137031
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.0	39.0
65	31.0	26.0	39.0
92	20.3	16.7	25.1



#34
Hexachlorobutadiene
Concen: 44.603 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:	225	Resp:	178984
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.6	74.4
227	63.4	50.7	76.1

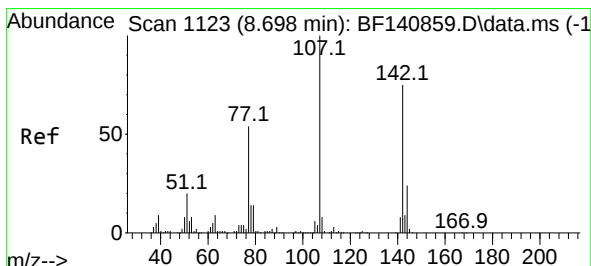
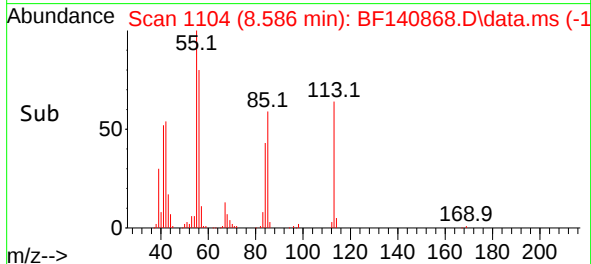
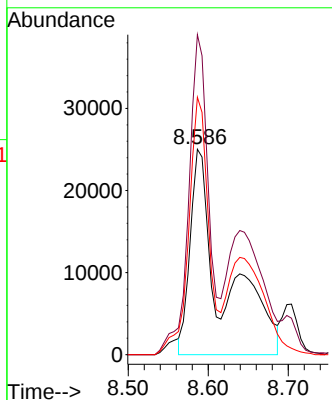
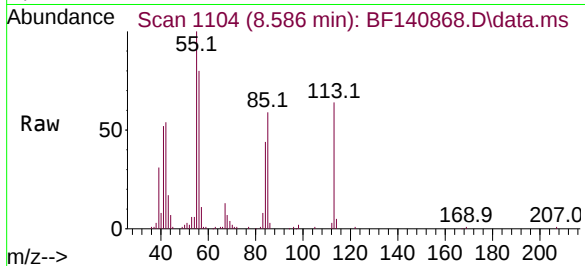




#35
 Caprolactam
 Concen: 45.587 ng m
 RT: 8.586 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: BF140868.D
 Acq: 16 Dec 2024 18:53

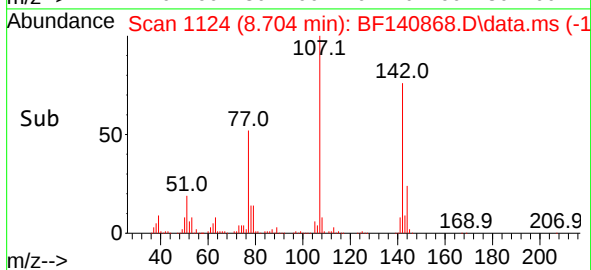
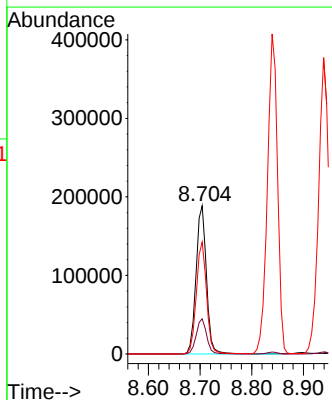
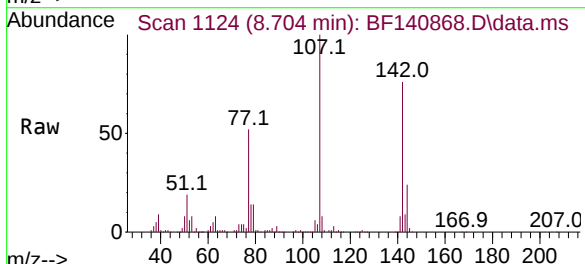
Instrument :
 BNA_F
 ClientSampleId :
 PB165479BSD

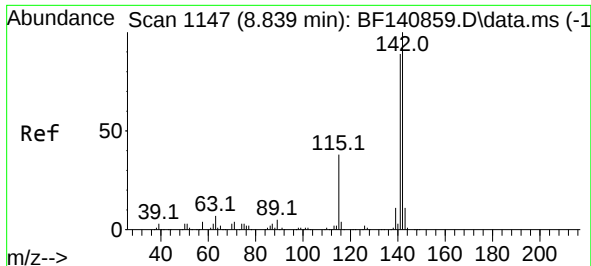
Tgt Ion:113 Resp: 70611
 Ion Ratio Lower Upper
 113 100
 55 155.7 132.3 172.3
 56 125.3 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.995 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: BF140868.D
 Acq: 16 Dec 2024 18:53

Tgt Ion:107 Resp: 263488
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.4 29.2
 142 75.6 60.3 90.5





#37

2-Methylnaphthalene

Concen: 44.481 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

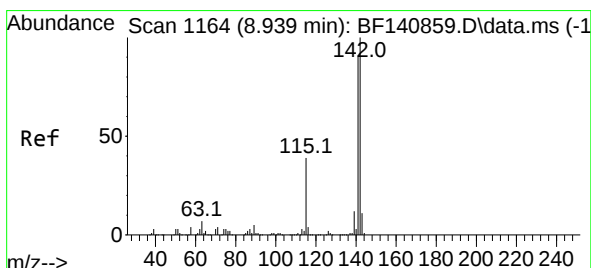
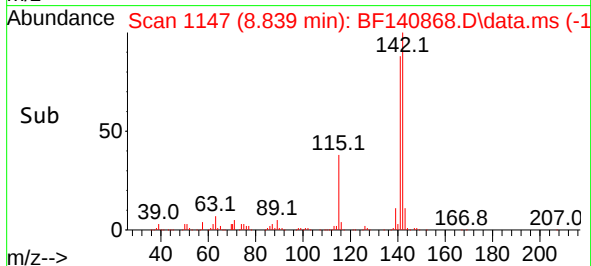
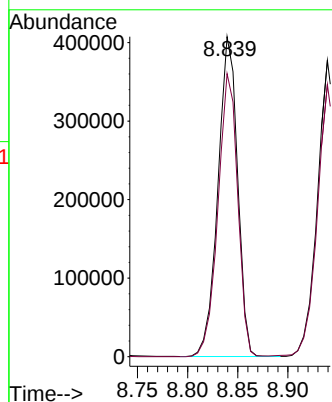
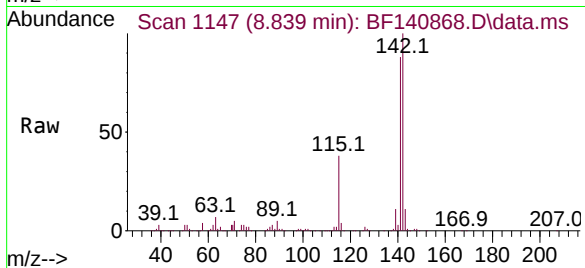
PB165479BSD

Tgt Ion:142 Resp: 553045

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 41.751 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140868.D

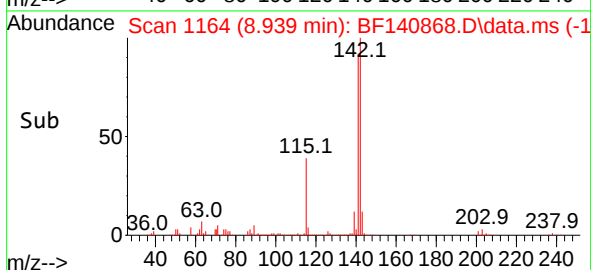
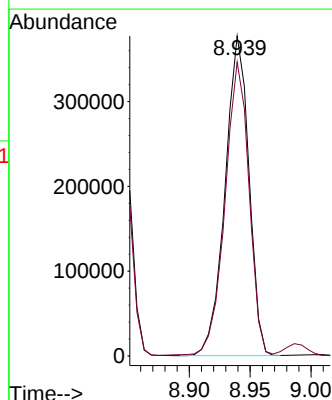
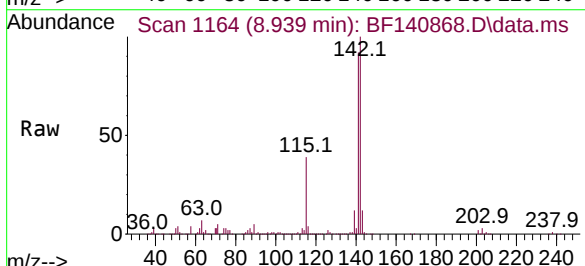
Acq: 16 Dec 2024 18:53

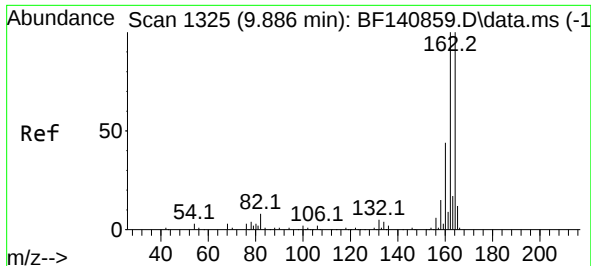
Tgt Ion:142 Resp: 513384

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

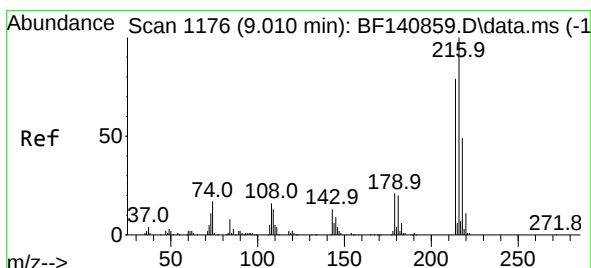
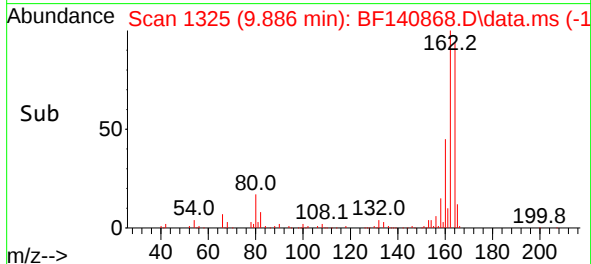
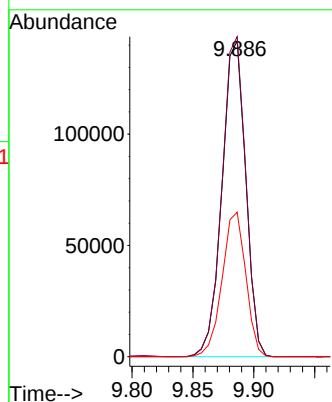
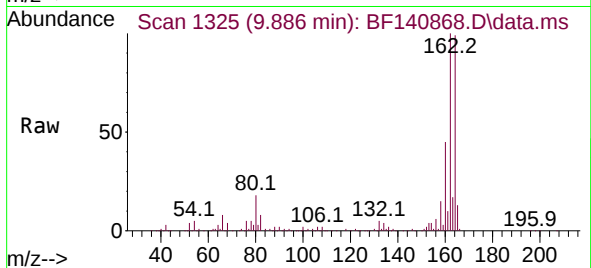
Tgt Ion:164 Resp: 192313

Ion Ratio Lower Upper

164 100

162 101.3 79.9 119.9

160 45.8 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.768 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Tgt Ion:216 Resp: 276446

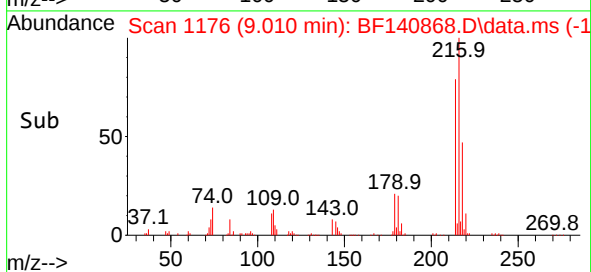
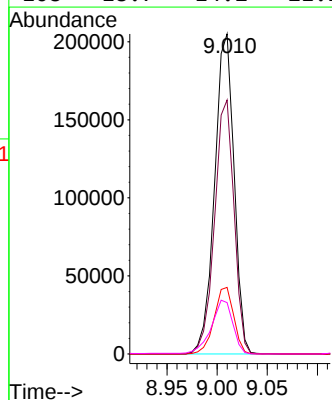
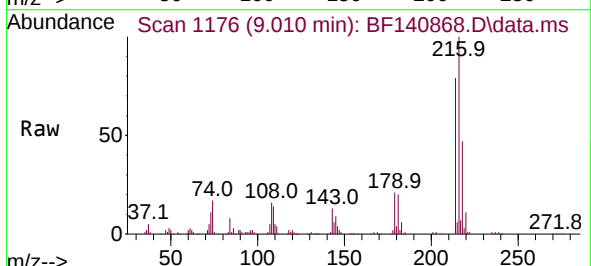
Ion Ratio Lower Upper

216 100

214 79.2 63.6 95.4

179 21.0 17.0 25.4

108 18.7 14.2 21.2

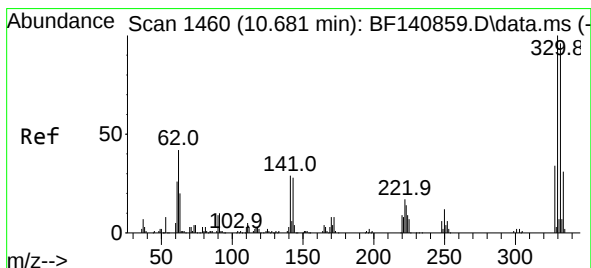
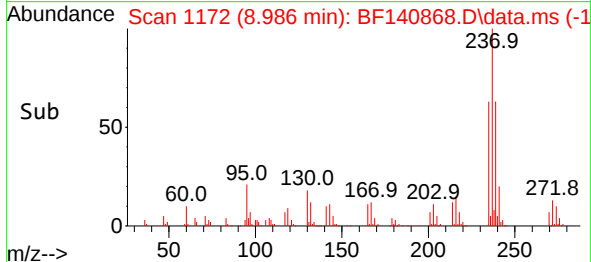
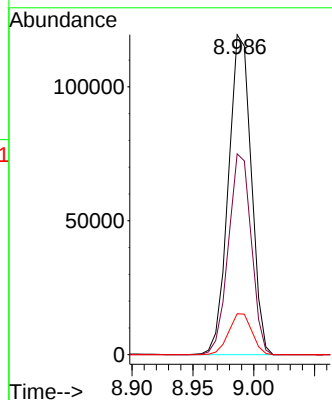
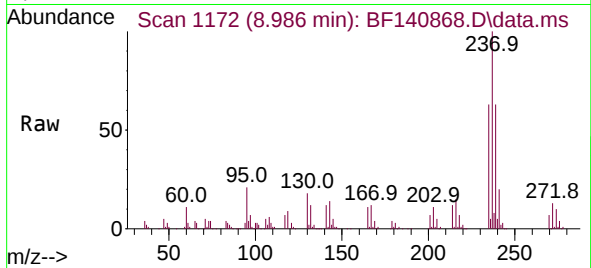




#41
Hexachlorocyclopentadiene
Concen: 76.139 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

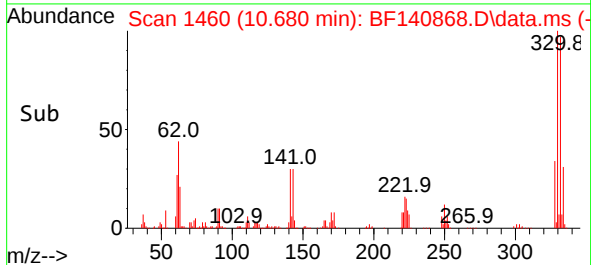
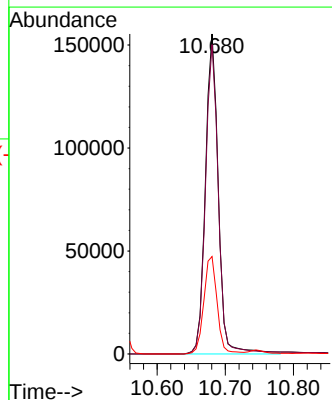
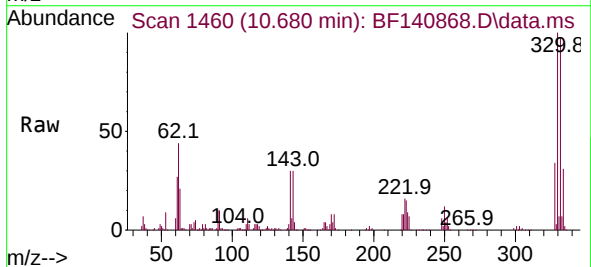
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

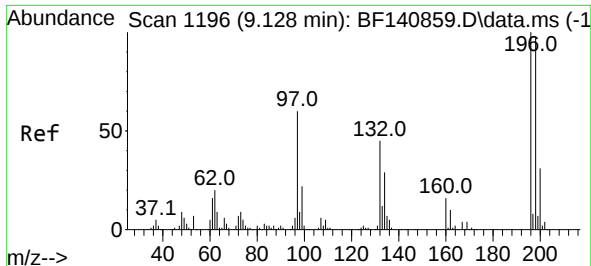
Tgt Ion:237 Resp: 156438
Ion Ratio Lower Upper
237 100
235 62.7 43.7 83.7
272 12.8 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 90.214 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:330 Resp: 205193
Ion Ratio Lower Upper
330 100
332 97.5 76.2 114.4
141 31.4 24.9 37.3

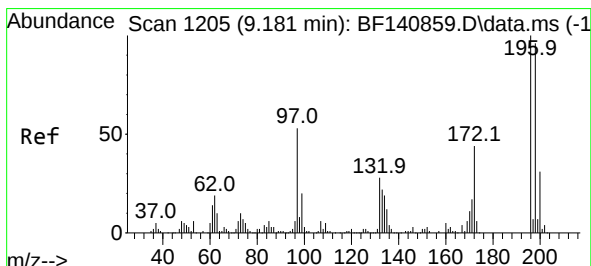
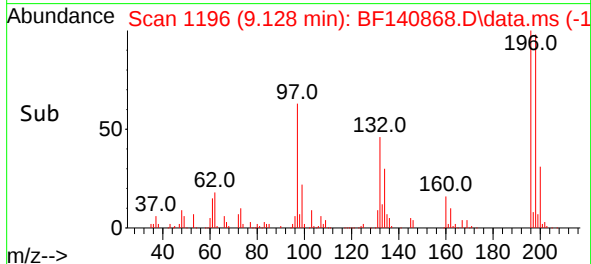
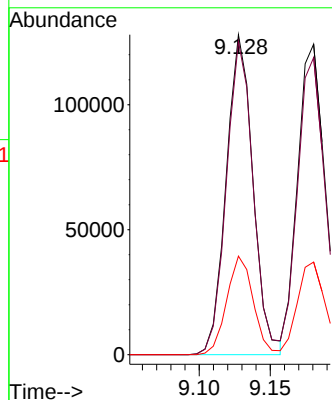
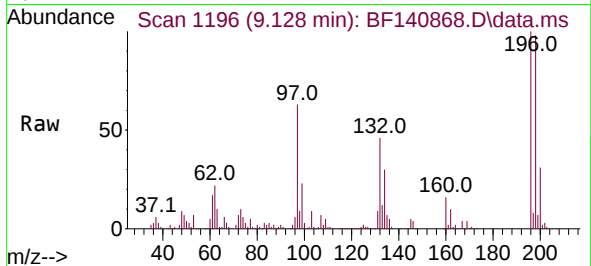




#43
2,4,6-Trichlorophenol
Concen: 46.442 ng
RT: 9.128 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

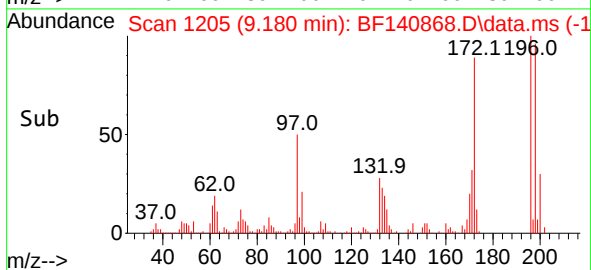
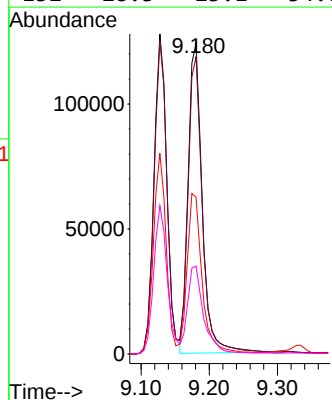
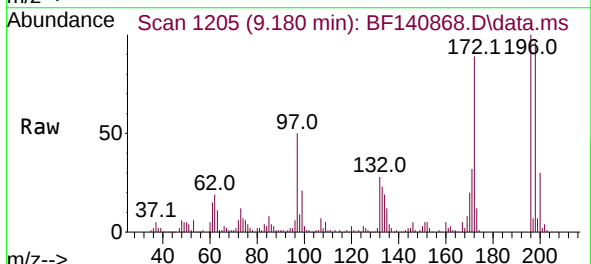
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

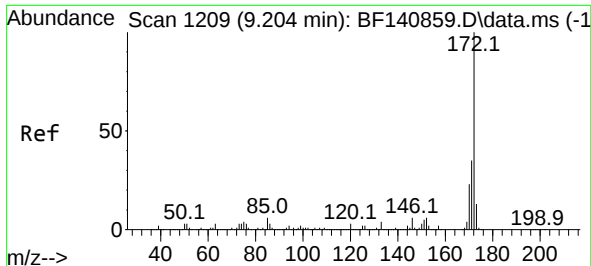
Tgt Ion:196 Resp: 168094
Ion Ratio Lower Upper
196 100
198 98.0 77.4 116.0
200 30.8 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 44.689 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:196 Resp: 177785
Ion Ratio Lower Upper
196 100
198 95.6 77.2 115.8
97 50.5 42.2 63.4
132 28.3 23.1 34.7

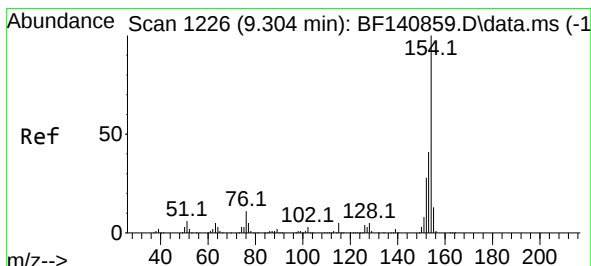
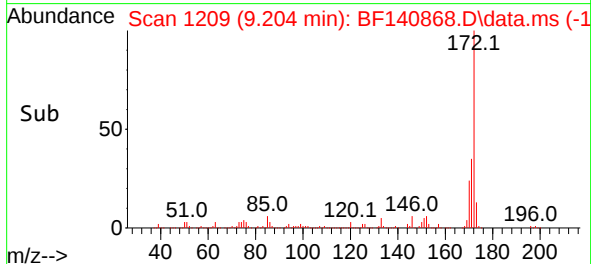
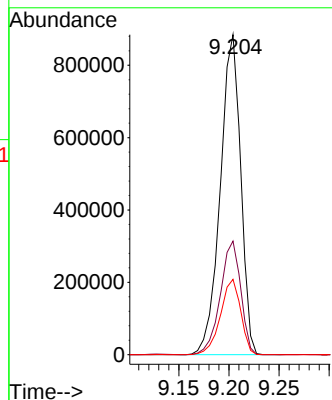
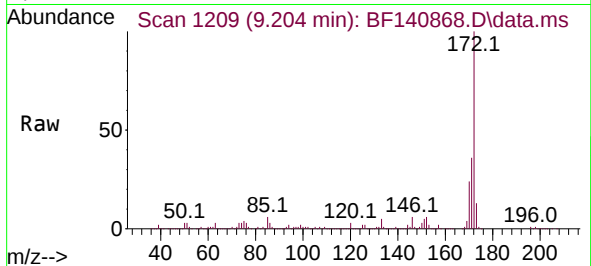




#45
2-Fluorobiphenyl
Concen: 89.349 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

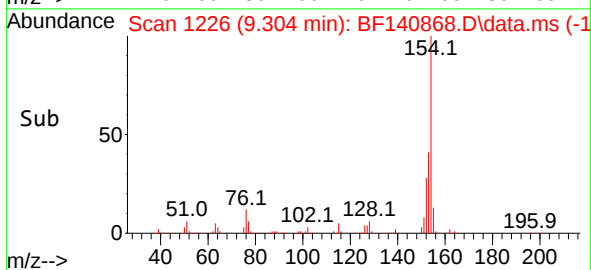
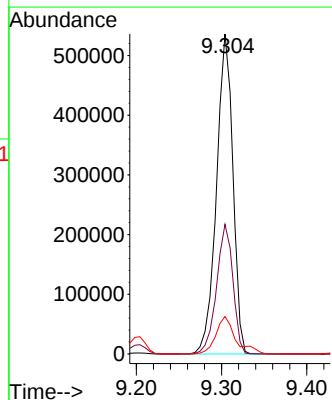
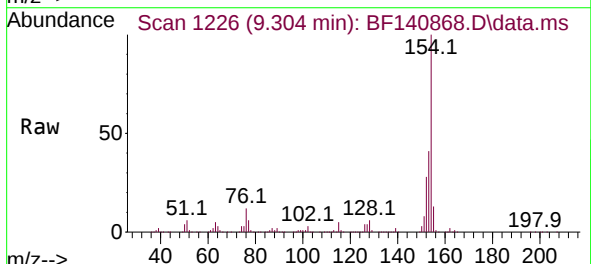
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

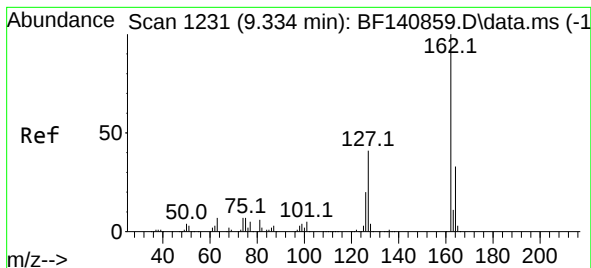
Tgt Ion:172 Resp: 1249803
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 46.796 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:154 Resp: 715622
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 11.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 45.117 ng

RT: 9.333 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

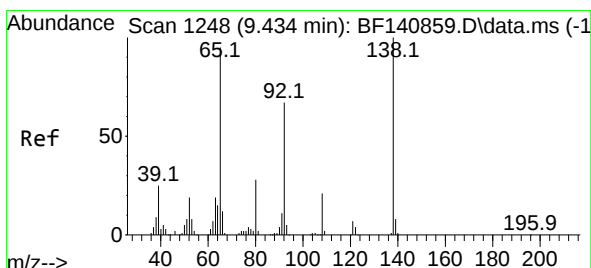
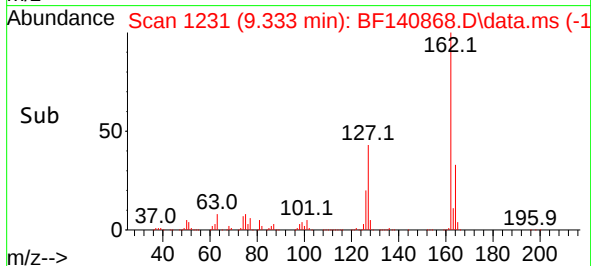
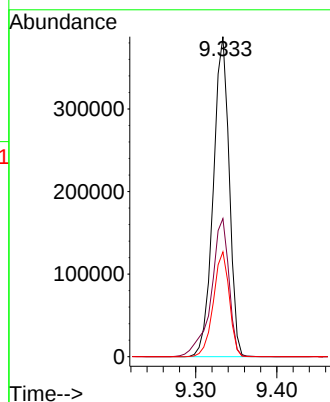
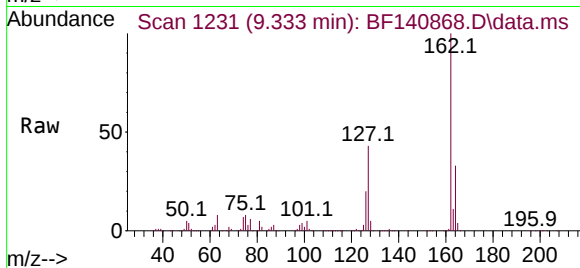
Tgt Ion:162 Resp: 527819

Ion Ratio Lower Upper

162 100

127 43.1 33.5 50.3

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 48.977 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

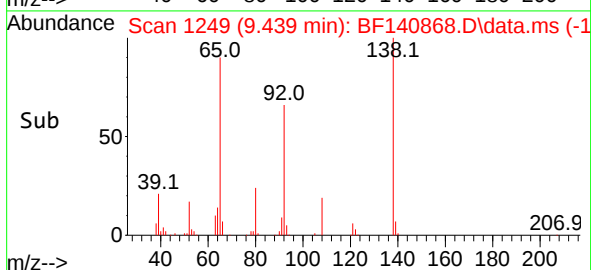
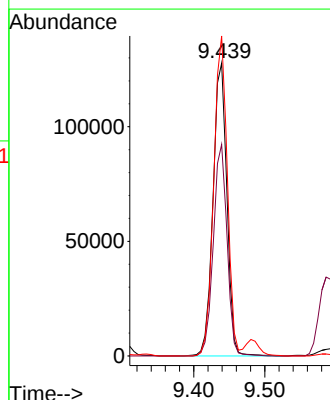
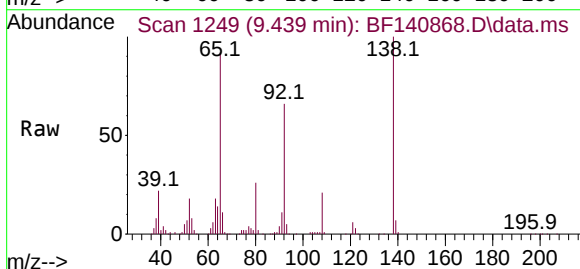
Tgt Ion: 65 Resp: 173045

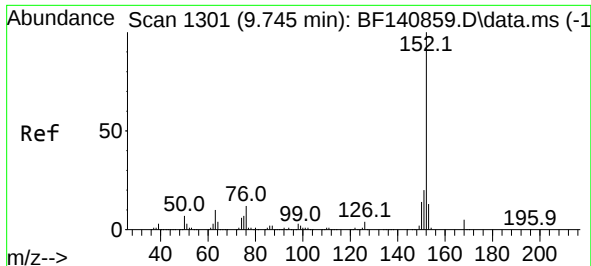
Ion Ratio Lower Upper

65 100

92 72.2 56.3 84.5

138 109.3 83.8 125.6

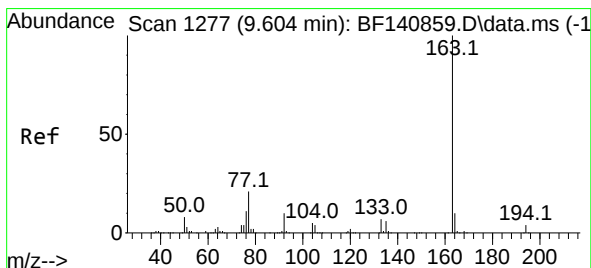
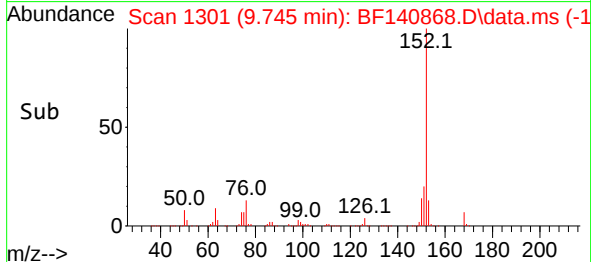
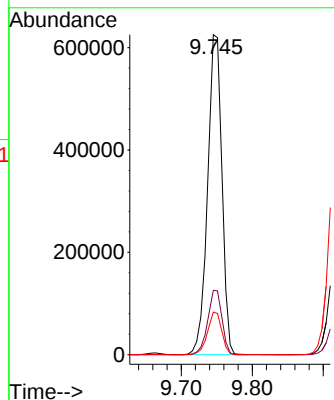
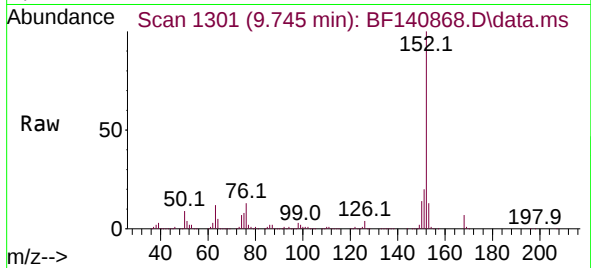




#49
Acenaphthylene
Concen: 51.042 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

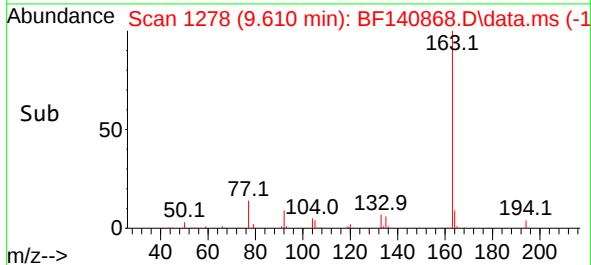
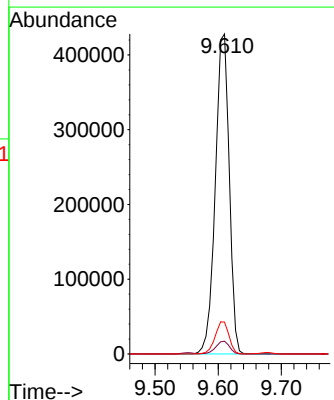
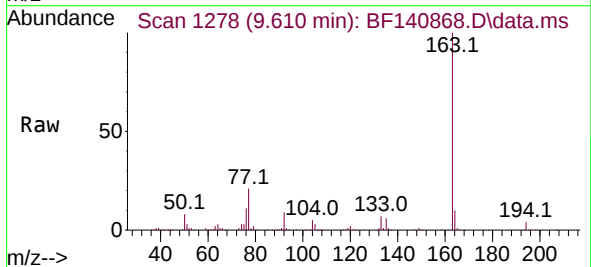
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

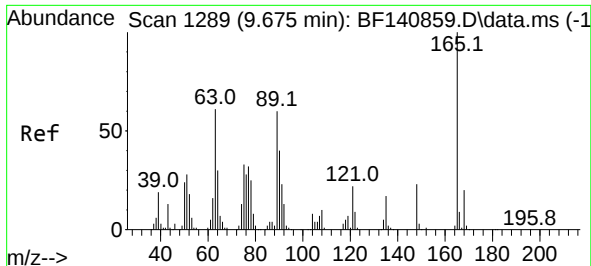
Tgt Ion:152 Resp: 877529
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 48.267 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:163 Resp: 654423
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 8.1 12.1

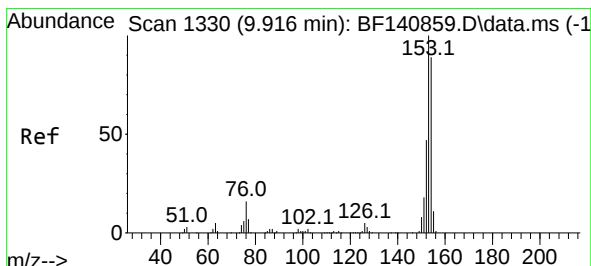
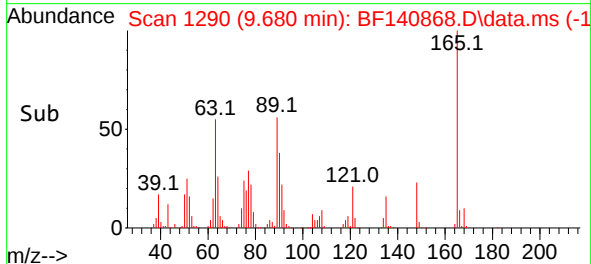
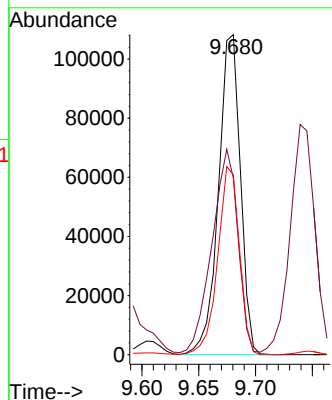
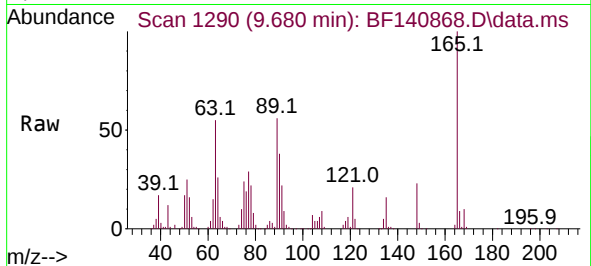




#51
2,6-Dinitrotoluene
Concen: 46.997 ng
RT: 9.680 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

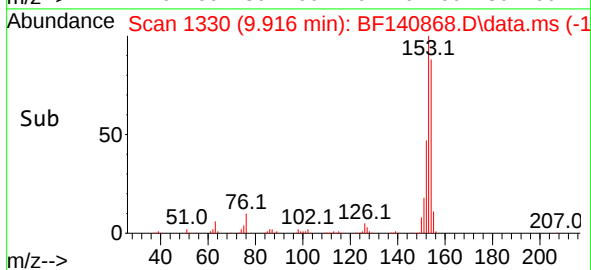
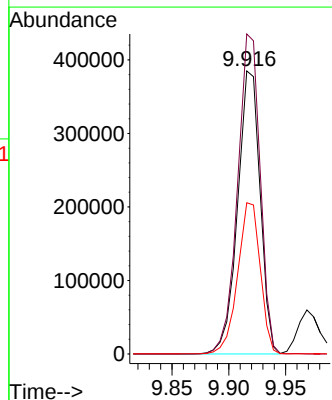
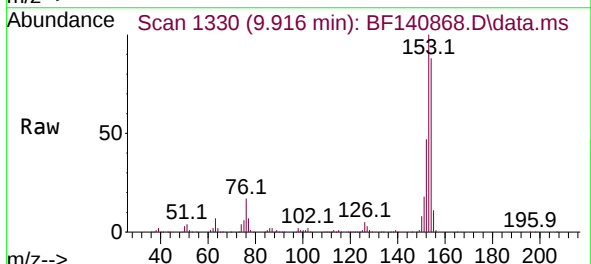
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

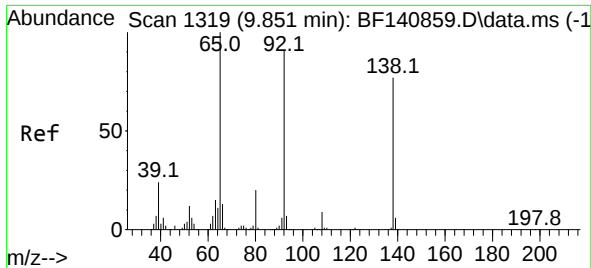
Tgt Ion:165 Resp: 145672
Ion Ratio Lower Upper
165 100
63 55.2 49.7 74.5
89 56.2 48.2 72.4



#52
Acenaphthene
Concen: 48.332 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:154 Resp: 530795
Ion Ratio Lower Upper
154 100
153 113.0 89.9 134.9
152 53.4 42.6 63.8

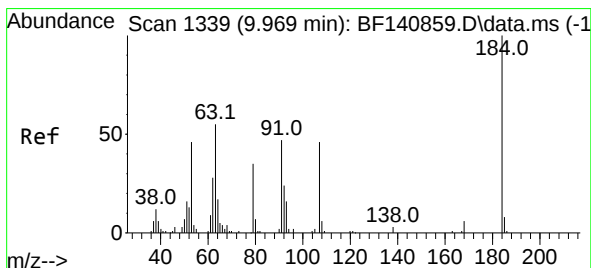
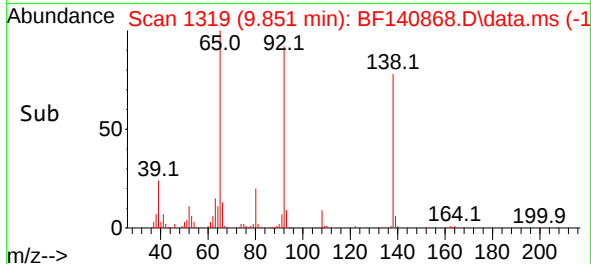
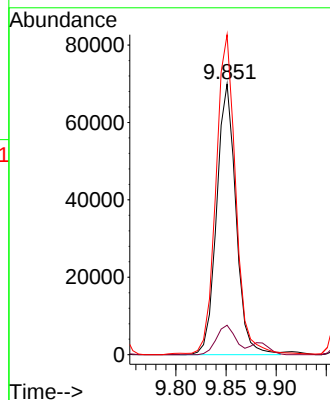
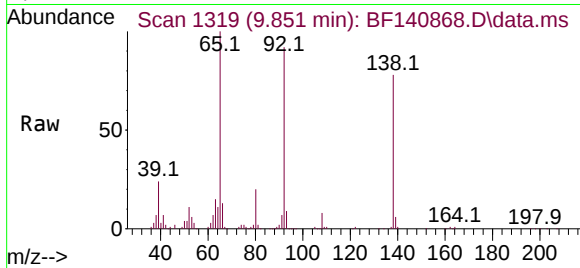




#53
3-Nitroaniline
Concen: 30.449 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

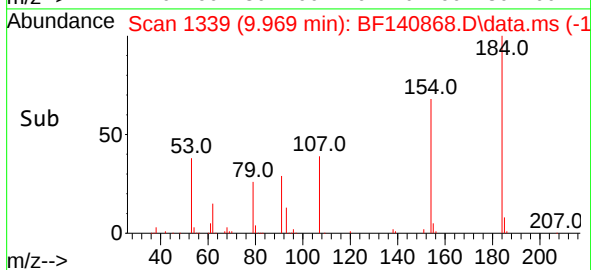
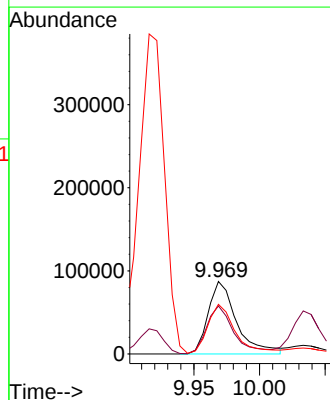
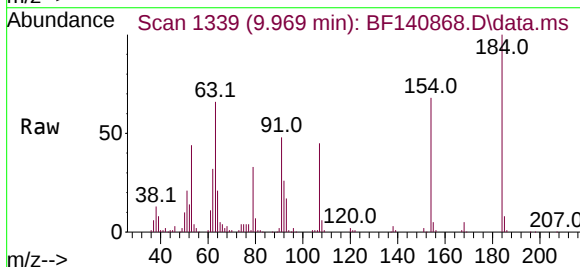
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

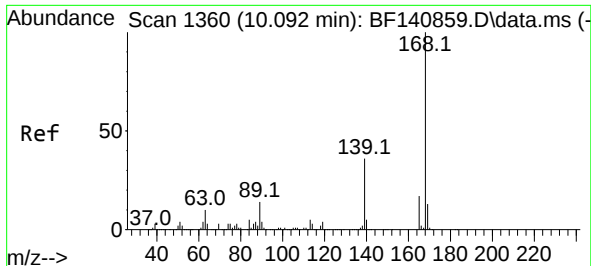
Tgt Ion:138 Resp: 93662
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 118.2 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 86.587 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:184 Resp: 131838
Ion Ratio Lower Upper
184 100
63 66.1 51.6 77.4
154 68.4 56.1 84.1

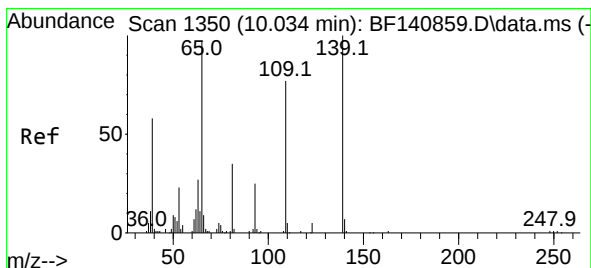
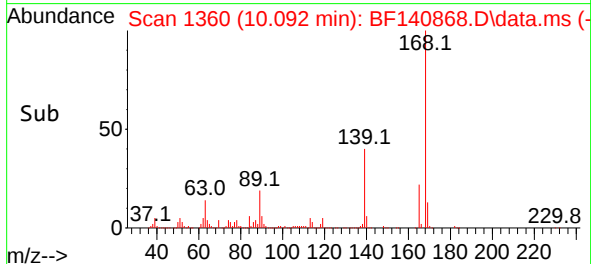
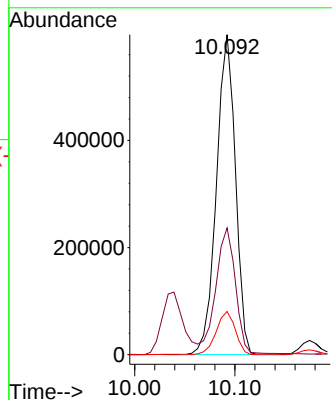
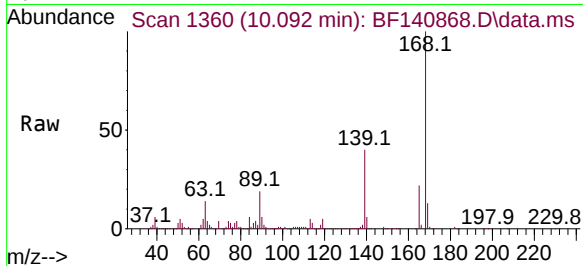




#55
Dibenzenofuran
Concen: 45.988 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

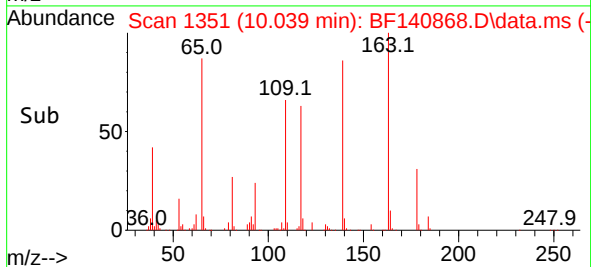
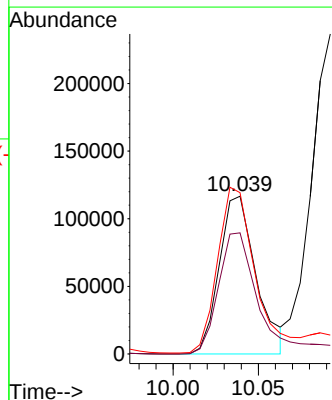
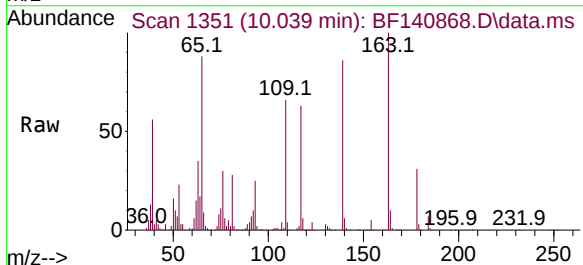
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

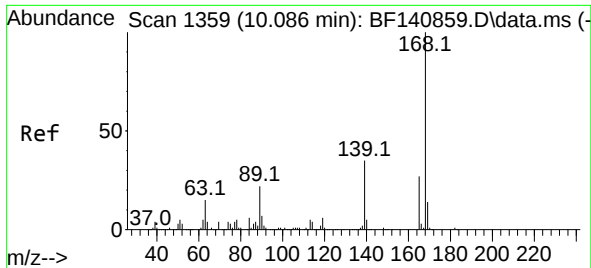
Tgt Ion:168 Resp: 782609
Ion Ratio Lower Upper
168 100
139 39.6 31.1 46.7
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 104.279 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

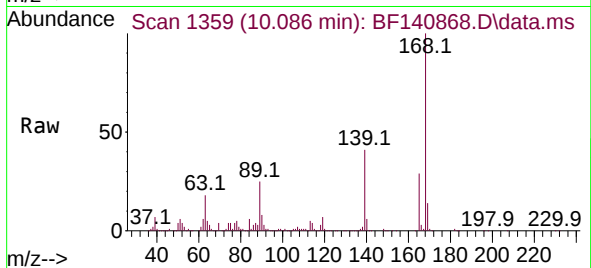
Tgt Ion:139 Resp: 174902
Ion Ratio Lower Upper
139 100
109 76.7 56.7 96.7
65 102.2 78.1 118.1



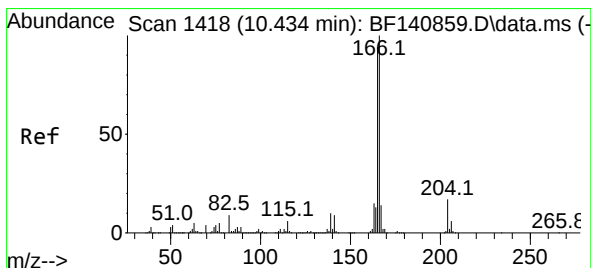
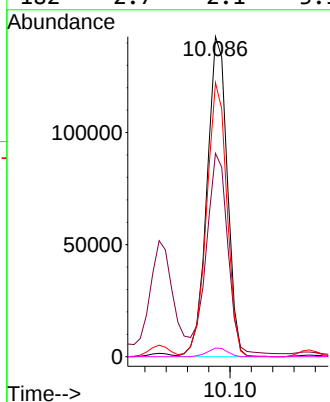
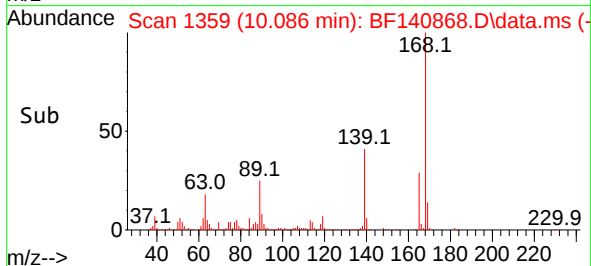


#57
2,4-Dinitrotoluene
Concen: 46.287 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

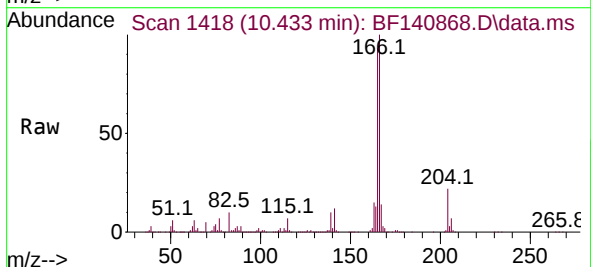
Instrument :
BNA_F
ClientSampleId :
PB165479BSD



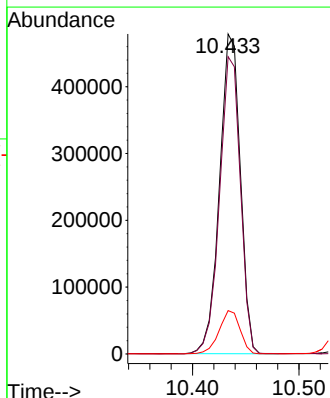
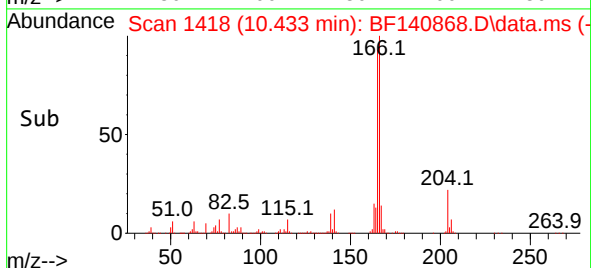
Tgt Ion:165 Resp: 188769
Ion Ratio Lower Upper
165 100
63 63.5 49.3 73.9
89 85.6 66.2 99.4
182 2.7 2.1 3.1

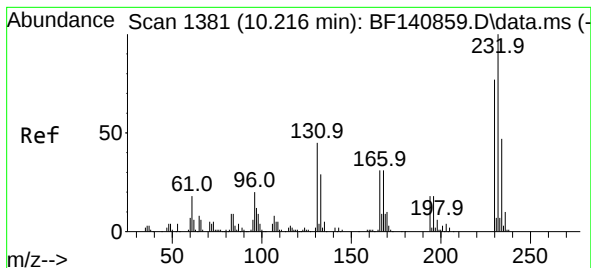


#58
Fluorene
Concen: 46.118 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53



Tgt Ion:166 Resp: 647471
Ion Ratio Lower Upper
166 100
165 92.9 75.1 112.7
167 13.5 11.1 16.7

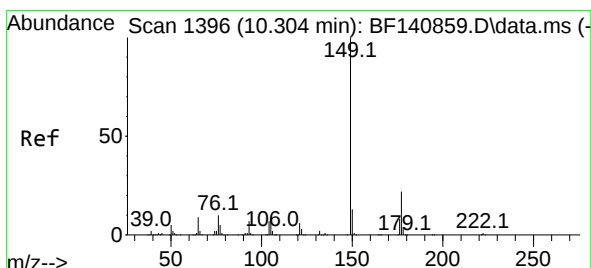
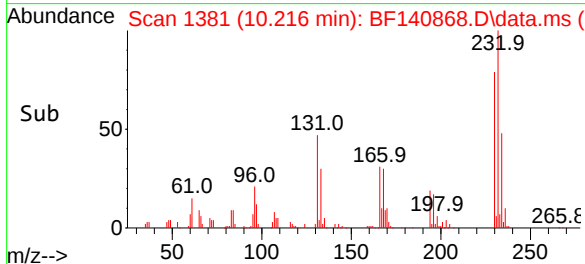
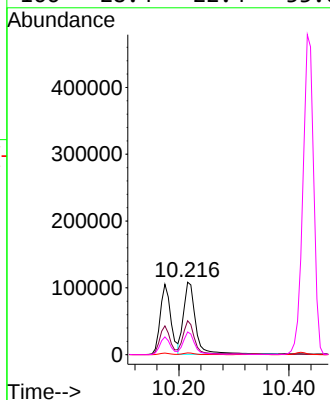
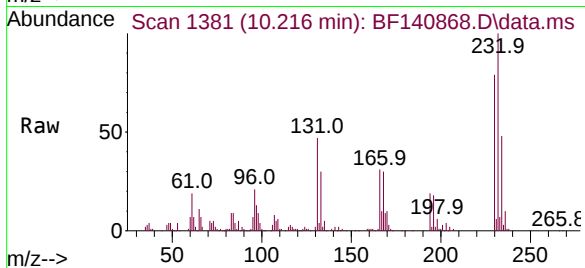




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.364 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

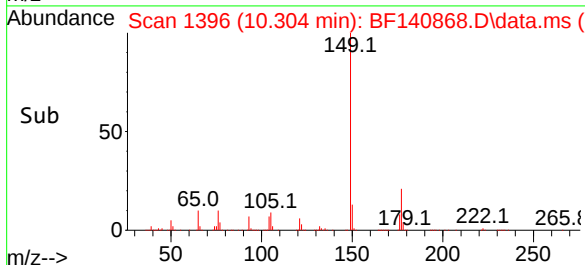
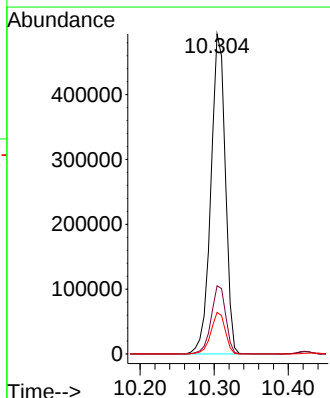
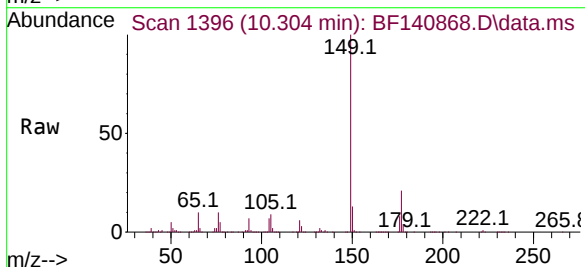
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

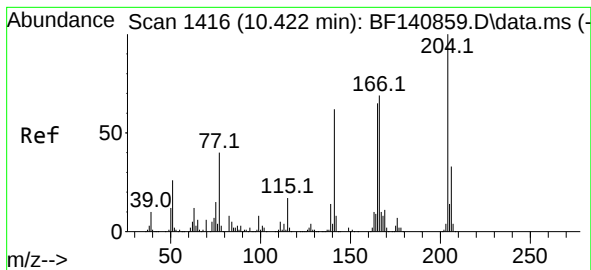
Tgt Ion:232 Resp: 163265
Ion Ratio Lower Upper
232 100
131 45.7 35.1 52.7
130 2.0 1.8 2.8
166 28.4 22.4 33.6



#60
Diethylphthalate
Concen: 47.479 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:149 Resp: 667542
Ion Ratio Lower Upper
149 100
177 21.3 17.2 25.8
150 13.0 10.1 15.1

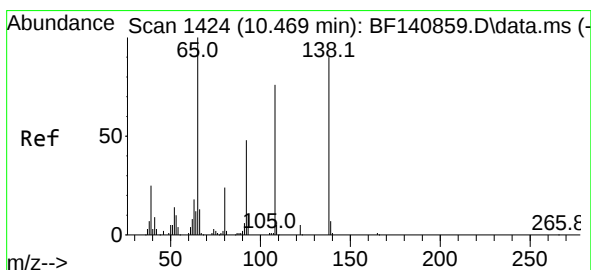
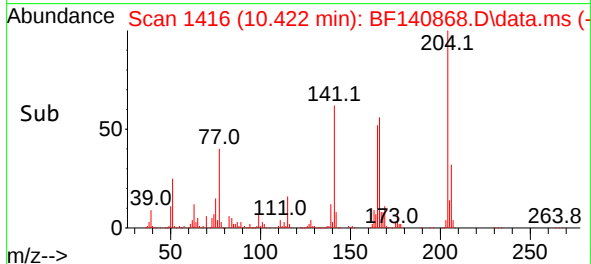
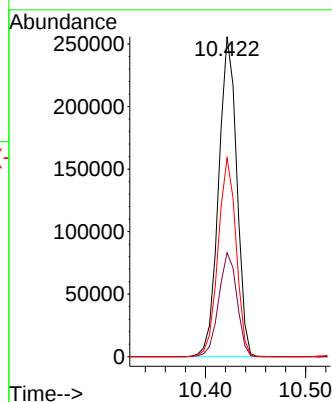
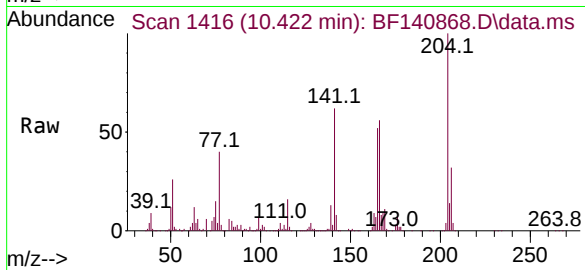




#61
4-Chlorophenyl-phenylether
Concen: 45.528 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

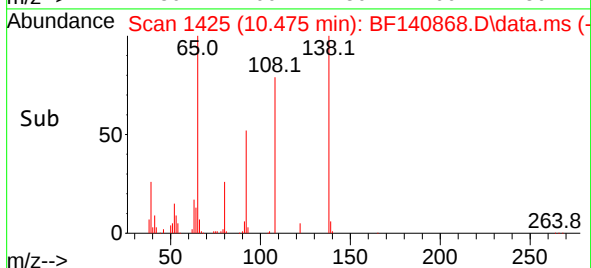
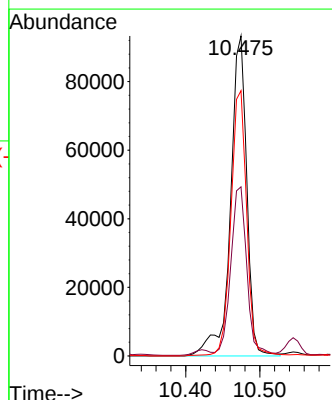
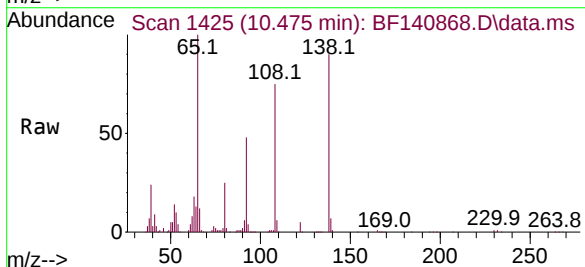
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

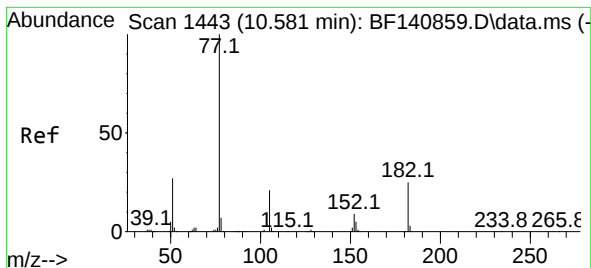
Tgt Ion:204 Resp: 321077
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 62.1 50.0 75.0



#62
4-Nitroaniline
Concen: 44.363 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:138 Resp: 142602
Ion Ratio Lower Upper
138 100
92 52.9 32.6 72.6
108 82.9 64.1 104.1





#63

Azobenzene

Concen: 47.434 ng

RT: 10.586 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

Tgt Ion: 77 Resp: 626965

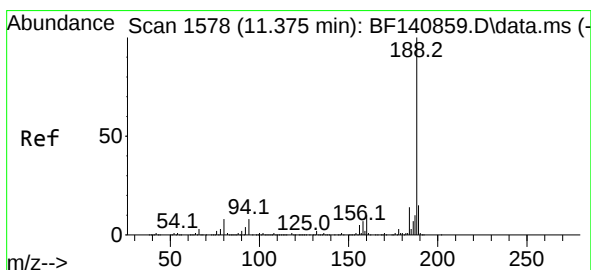
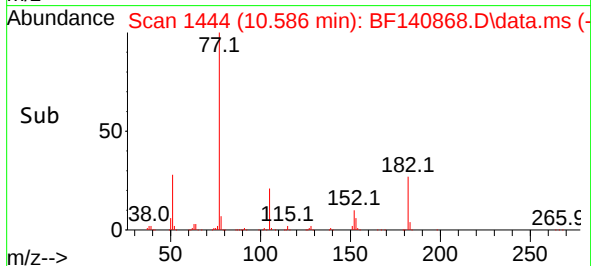
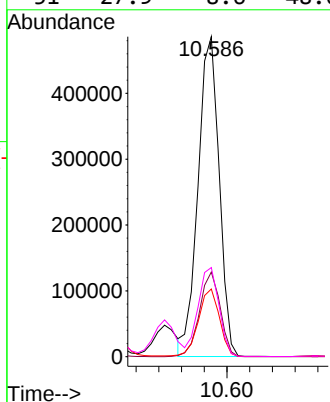
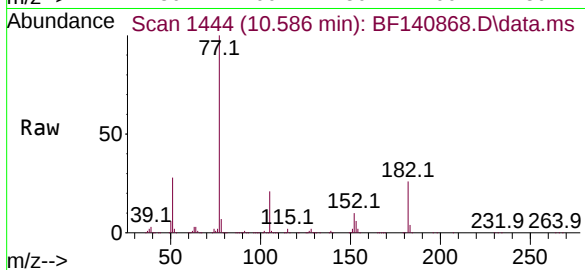
Ion Ratio Lower Upper

77 100

182 26.5 4.5 44.5

105 21.2 0.9 40.9

51 27.9 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

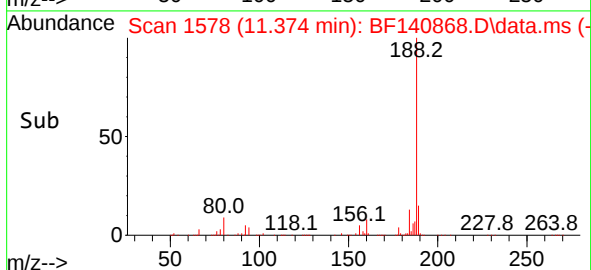
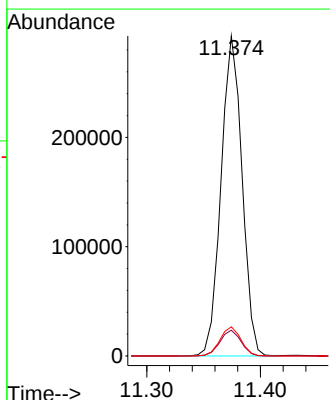
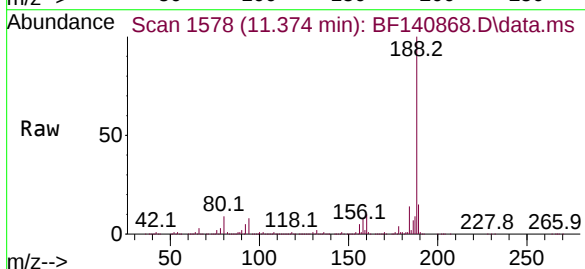
Tgt Ion:188 Resp: 376140

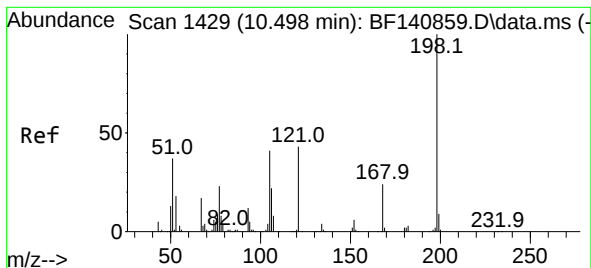
Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 9.1 6.8 10.2

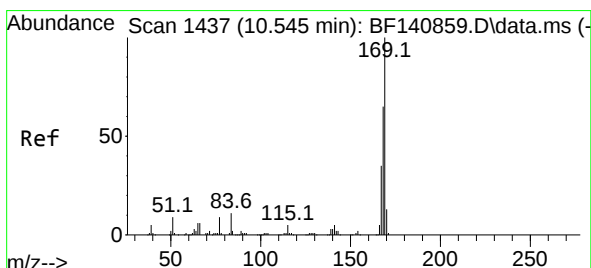
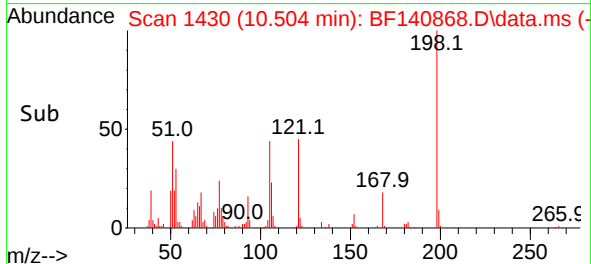
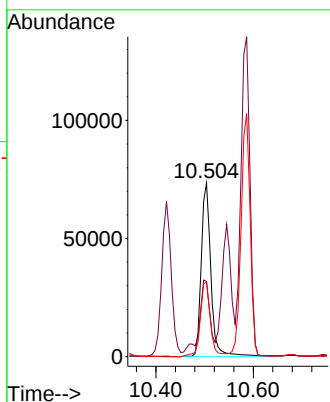
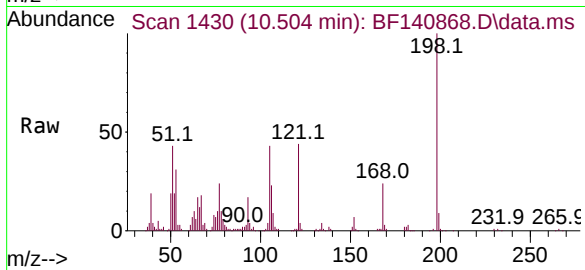




#65
4,6-Dinitro-2-methylphenol
Concen: 48.057 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

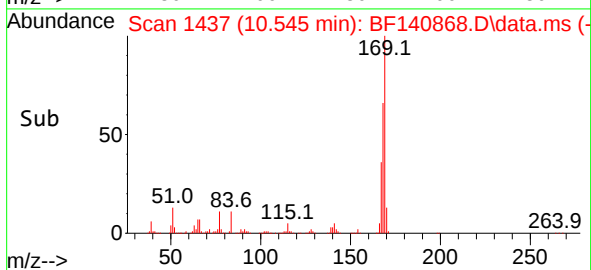
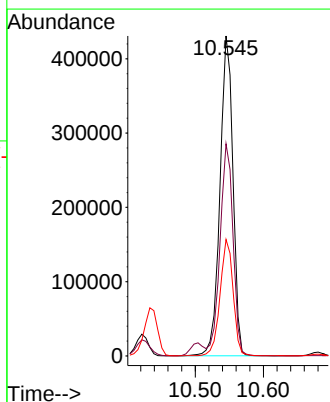
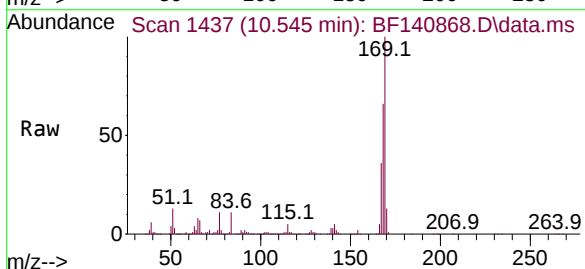
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

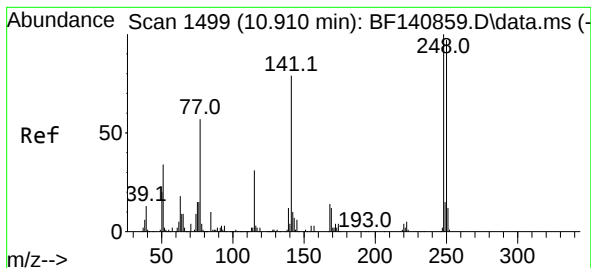
Tgt Ion:198 Resp: 102430
Ion Ratio Lower Upper
198 100
51 43.3 24.4 64.4
105 43.0 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 49.272 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:169 Resp: 569807
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 36.4 28.3 42.5

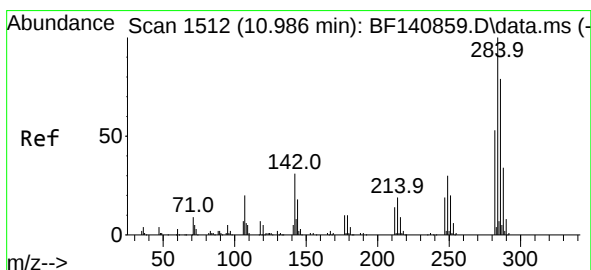
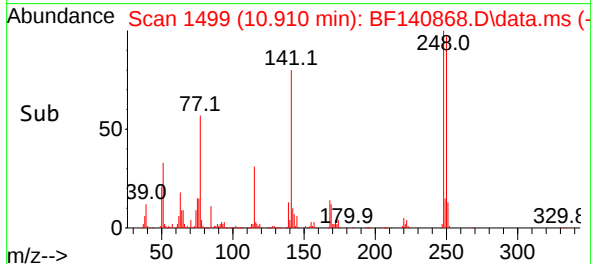
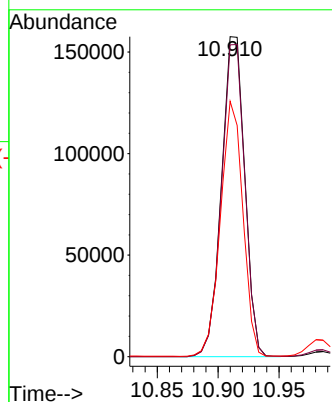
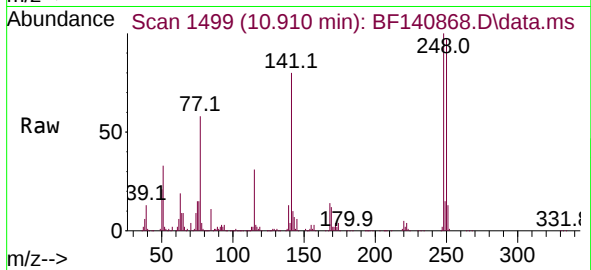




#67
4-Bromophenyl-phenylether
Concen: 49.910 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

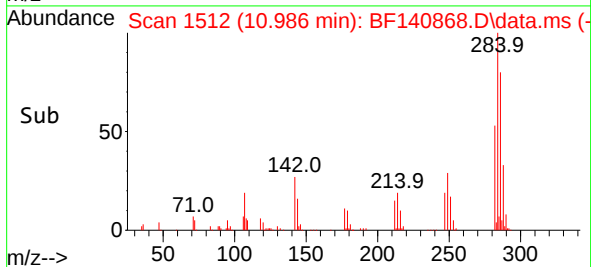
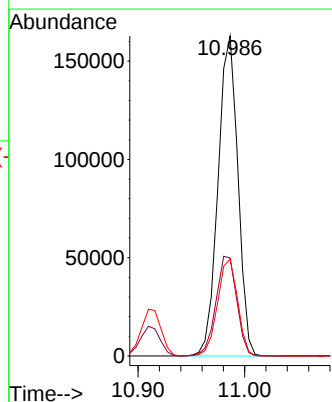
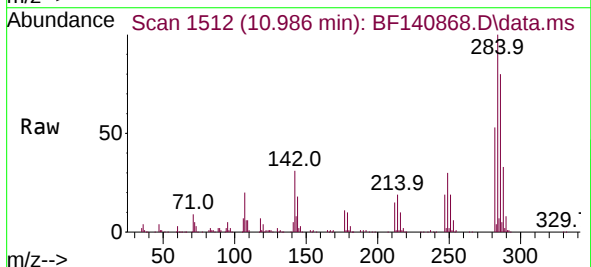
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

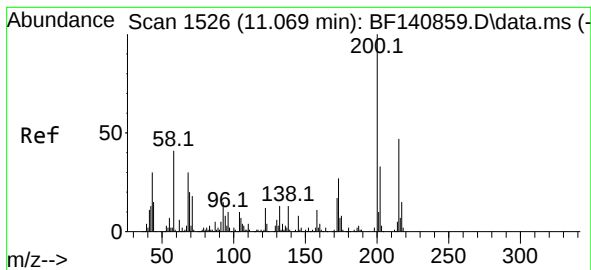
Tgt Ion:248 Resp: 210022
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.2
141 79.8 62.9 94.3



#68
Hexachlorobenzene
Concen: 44.142 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:284 Resp: 210599
Ion Ratio Lower Upper
284 100
142 30.7 24.6 36.8
249 30.3 24.3 36.5





#69

Atrazine

Concen: 58.014 ng

RT: 11.074 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

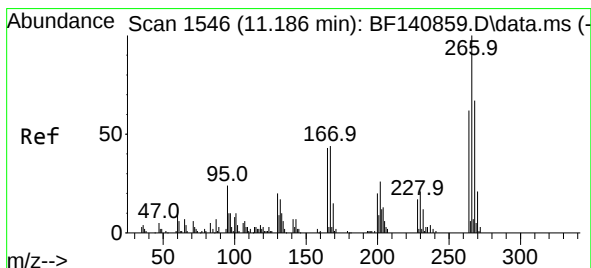
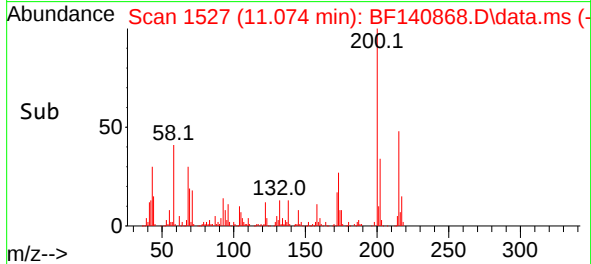
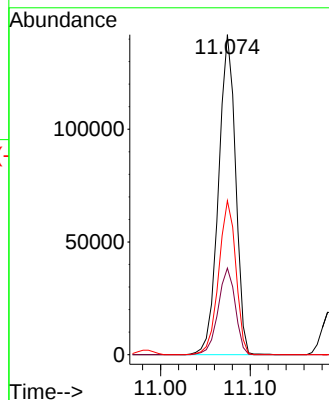
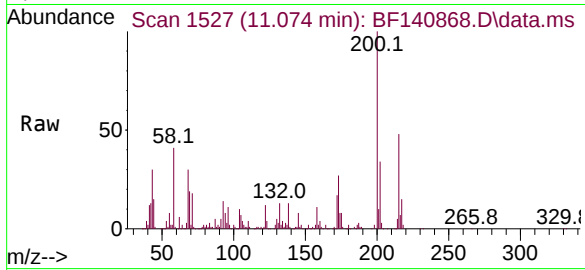
Tgt Ion:200 Resp: 187378

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

215 48.1 26.7 66.7



#70

Pentachlorophenol

Concen: 97.998 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

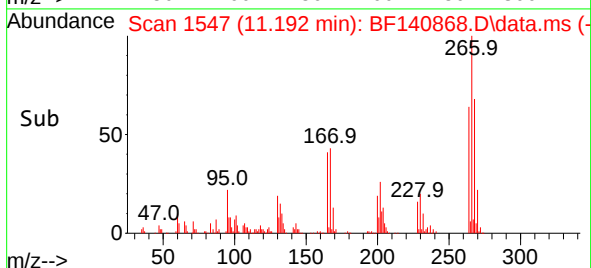
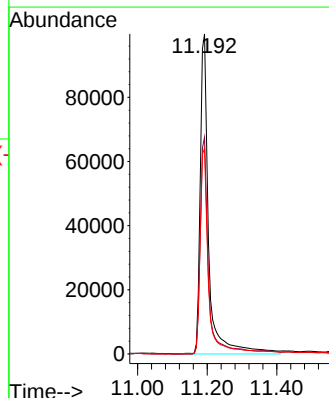
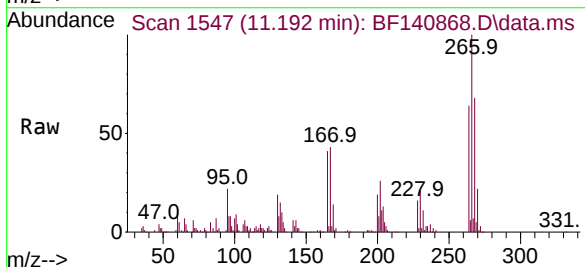
Tgt Ion:266 Resp: 170937

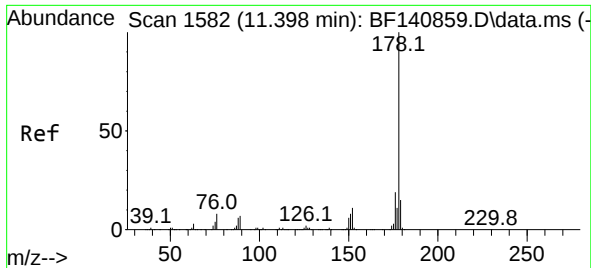
Ion Ratio Lower Upper

266 100

268 67.7 54.0 81.0

264 64.3 49.4 74.2

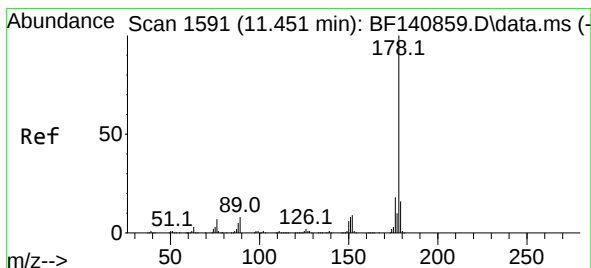
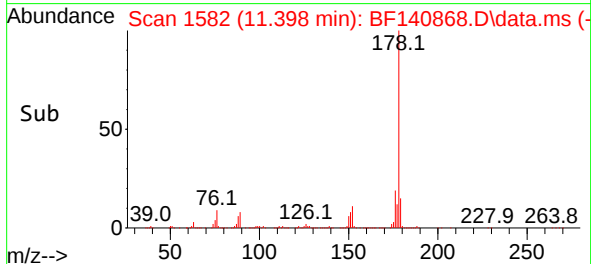
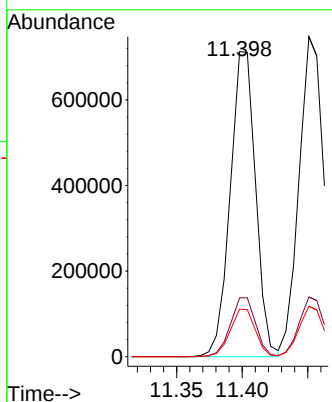
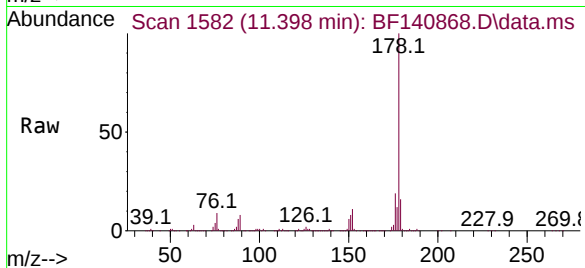




#71
Phenanthrene
Concen: 49.741 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

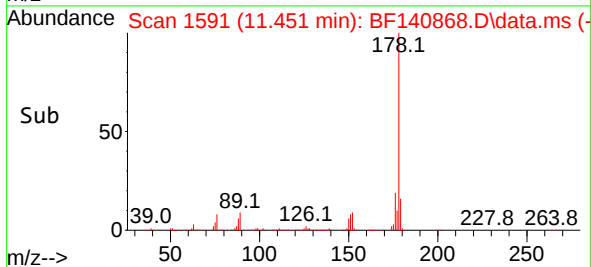
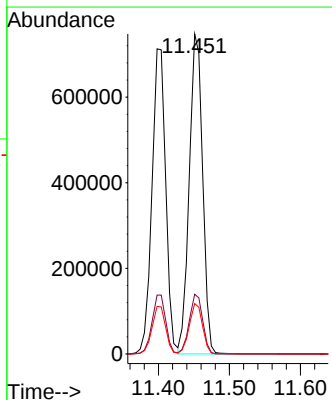
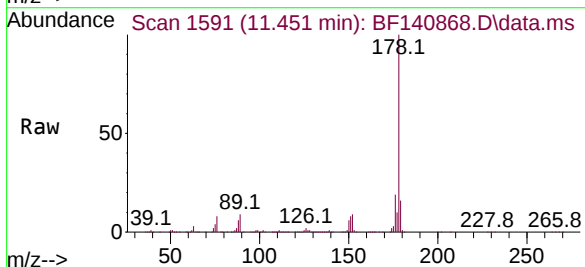
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

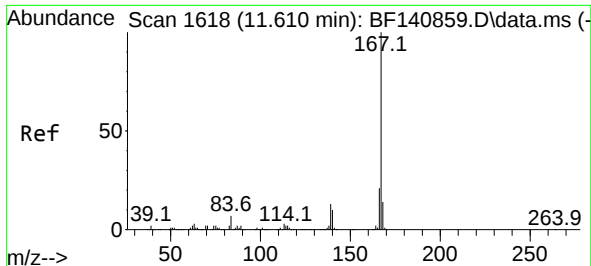
Tgt Ion:178 Resp: 962127
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.6 12.1 18.1



#72
Anthracene
Concen: 51.411 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:178 Resp: 979319
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.7 12.6 18.8

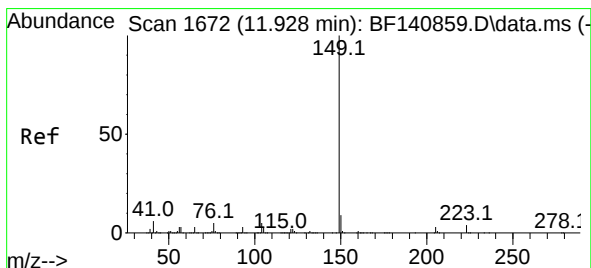
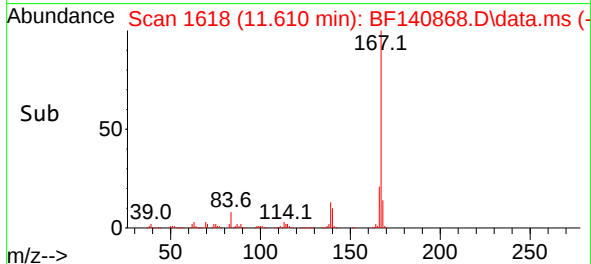
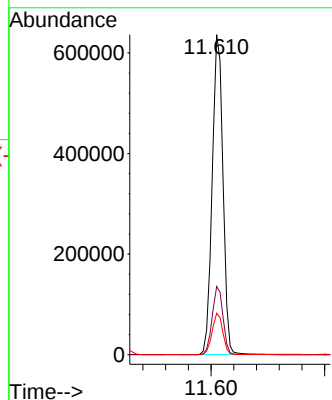
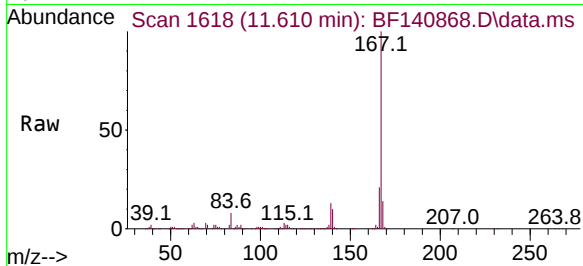




#73
 Carbazole
 Concen: 44.488 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF140868.D
 Acq: 16 Dec 2024 18:53

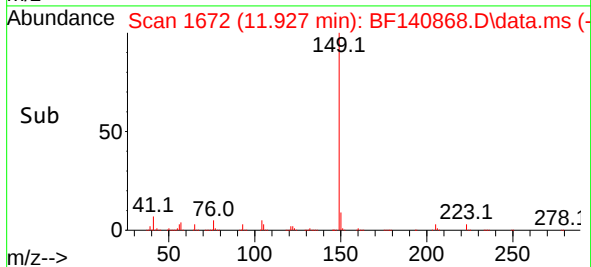
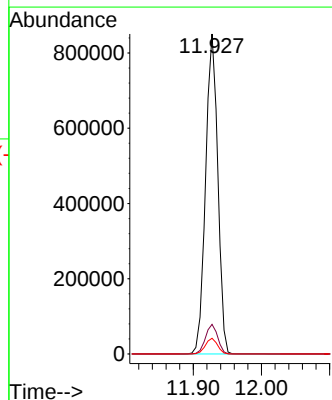
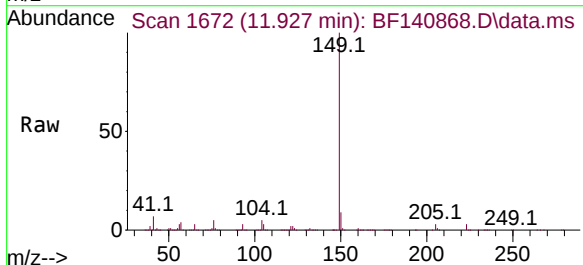
Instrument :
 BNA_F
 ClientSampleId :
 PB165479BSD

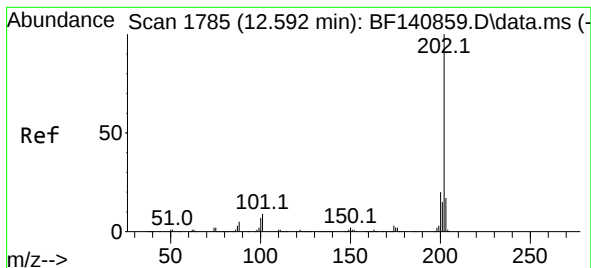
Tgt Ion:167 Resp: 830060
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 13.0 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 48.245 ng
 RT: 11.927 min Scan# 1672
 Delta R.T. -0.000 min
 Lab File: BF140868.D
 Acq: 16 Dec 2024 18:53

Tgt Ion:149 Resp: 1056427
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.9 3.8 5.8





#75

Fluoranthene

Concen: 46.190 ng

RT: 12.592 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

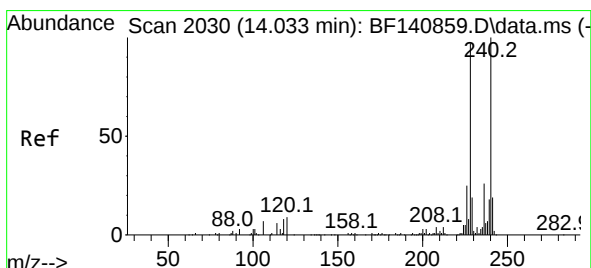
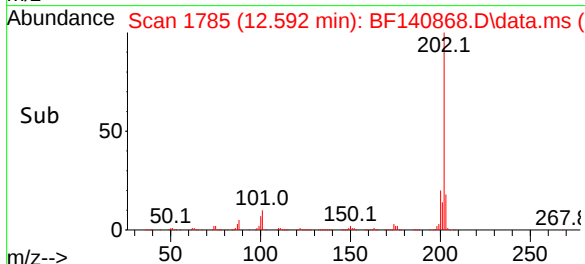
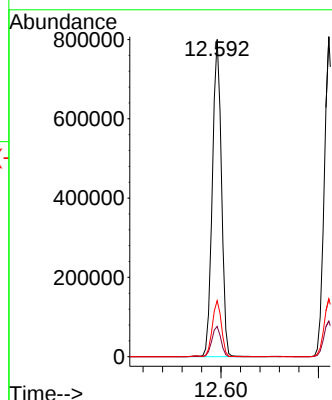
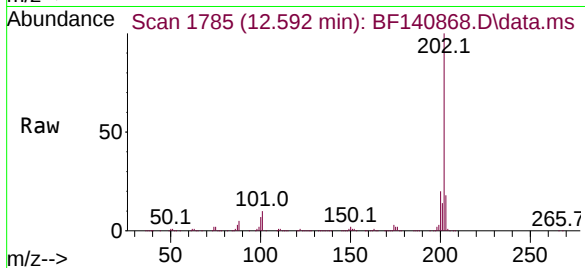
Tgt Ion:202 Resp: 1028945

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.3

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

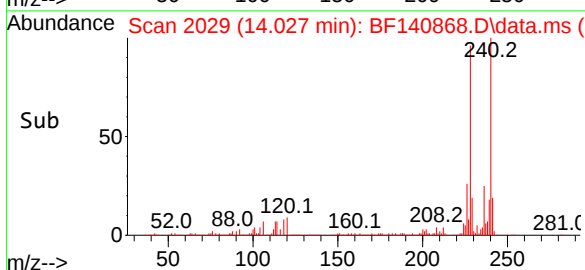
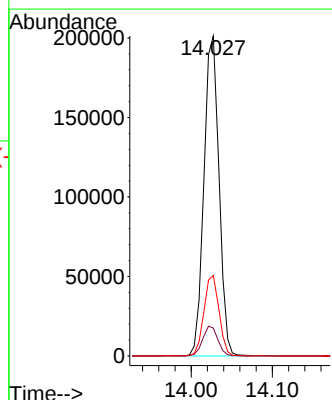
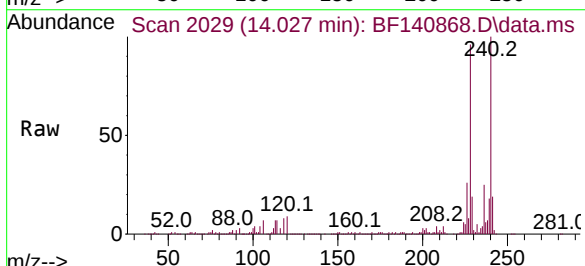
Tgt Ion:240 Resp: 259234

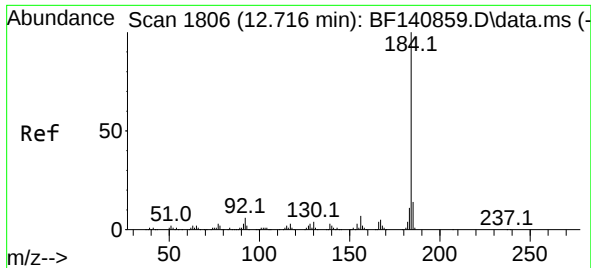
Ion Ratio Lower Upper

240 100

120 8.7 7.6 11.4

236 25.1 20.5 30.7

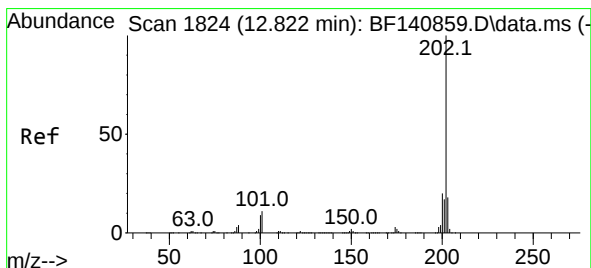
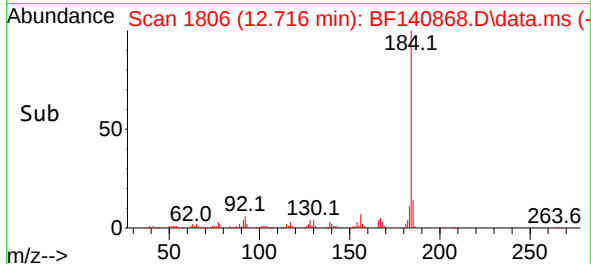
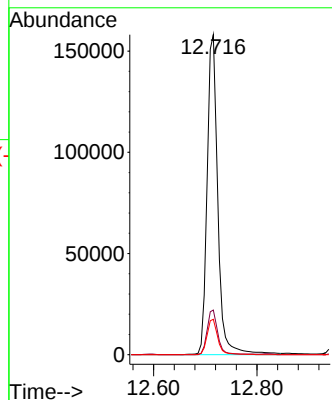
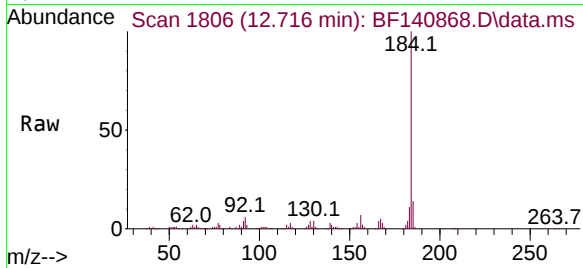




#77
Benzidine
Concen: 43.038 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

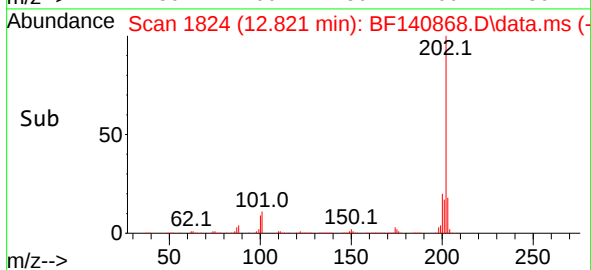
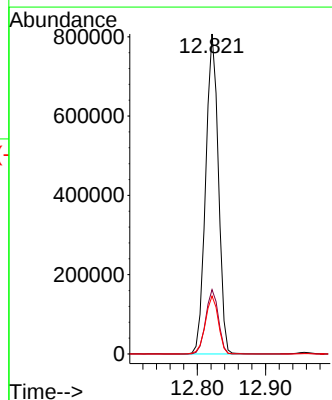
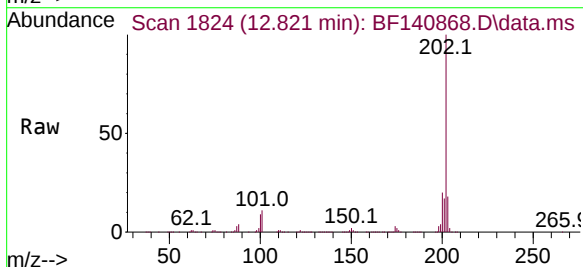
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

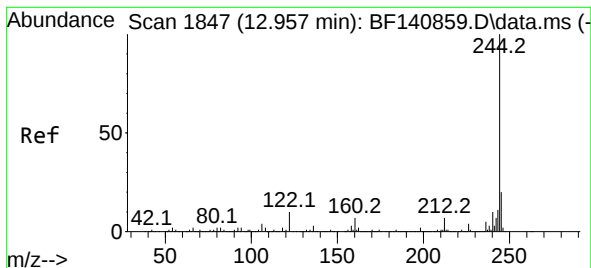
Tgt Ion:184 Resp: 227710
Ion Ratio Lower Upper
184 100
185 14.0 11.1 16.7
183 11.0 9.0 13.4



#78
Pyrene
Concen: 45.223 ng
RT: 12.821 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:202 Resp: 1042499
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 87.459 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

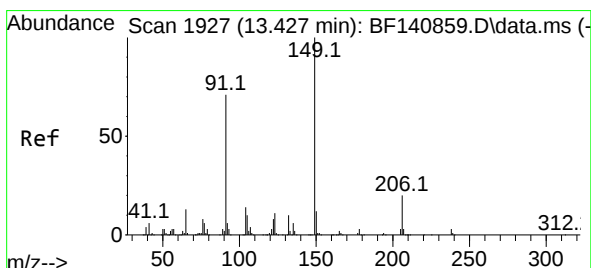
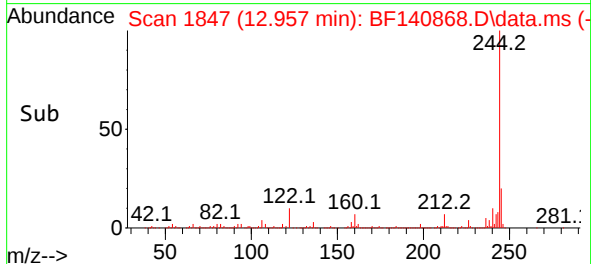
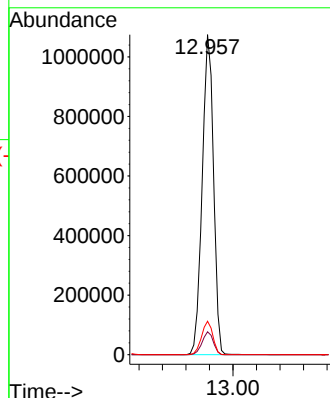
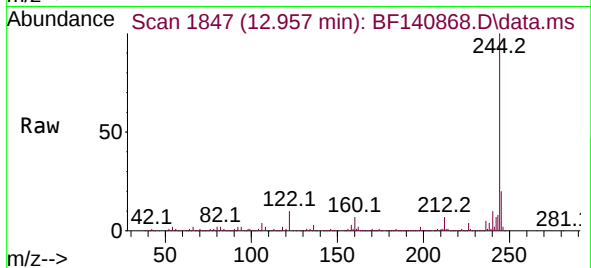
Tgt Ion:244 Resp: 1437814

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.4 8.2 12.2



#80

Butylbenzylphthalate

Concen: 43.838 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

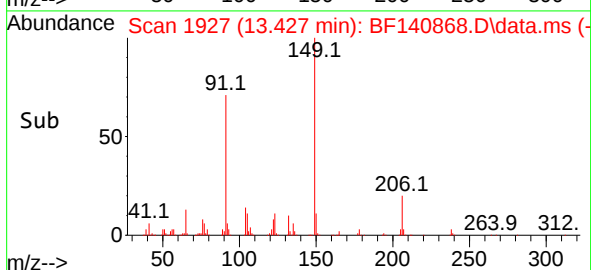
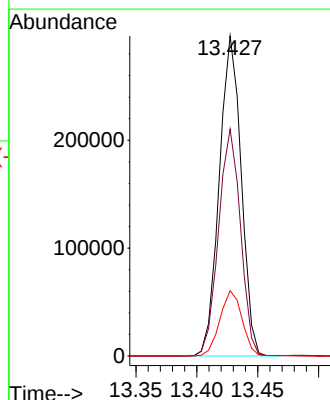
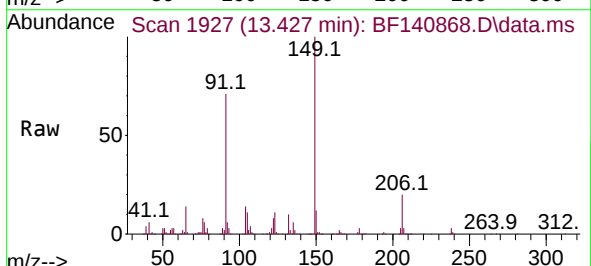
Tgt Ion:149 Resp: 371847

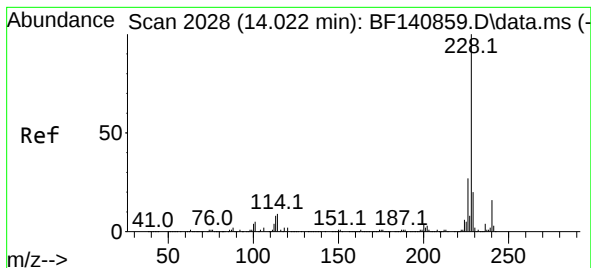
Ion Ratio Lower Upper

149 100

91 70.9 56.7 85.1

206 20.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 48.868 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

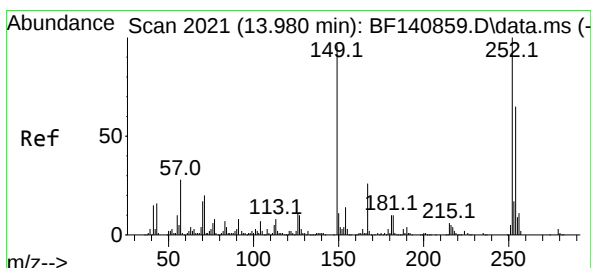
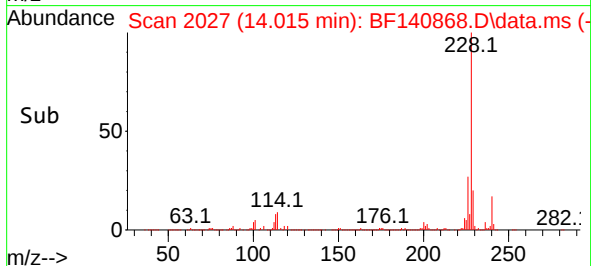
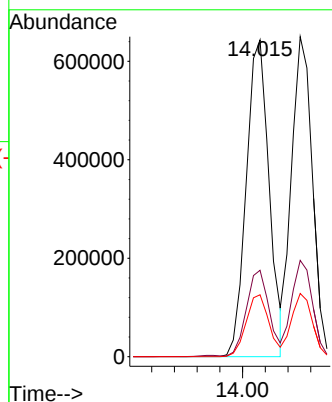
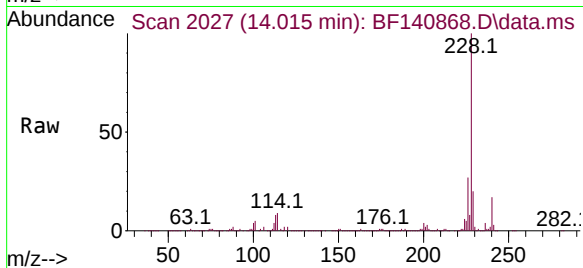
Tgt Ion:228 Resp: 897845

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 32.891 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

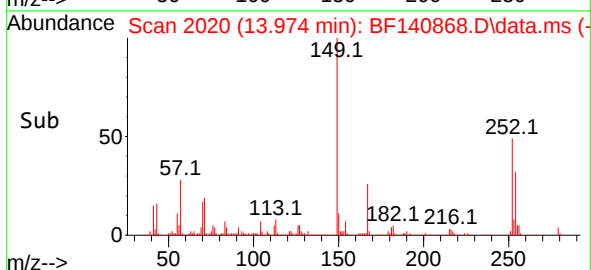
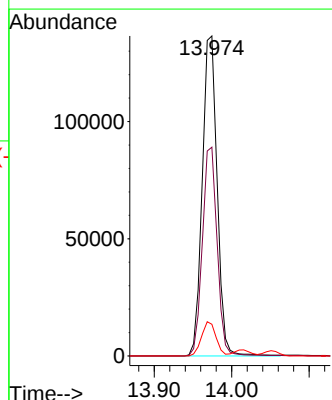
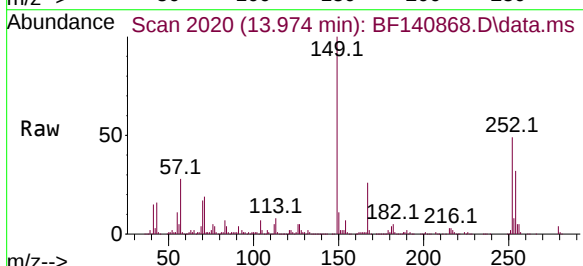
Tgt Ion:252 Resp: 182319

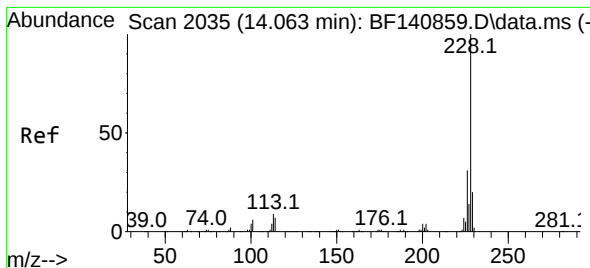
Ion Ratio Lower Upper

252 100

254 65.2 52.3 78.5

126 9.9 8.4 12.6





#83

Chrysene

Concen: 49.727 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

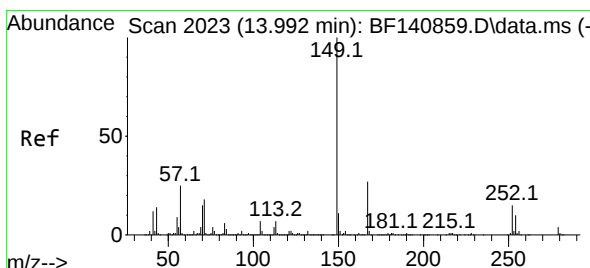
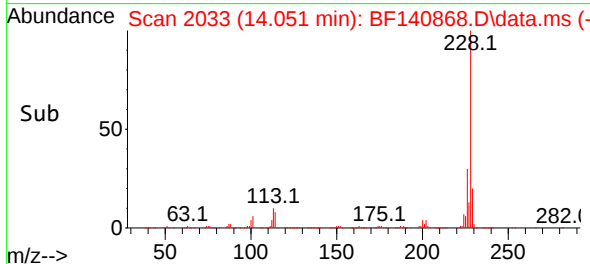
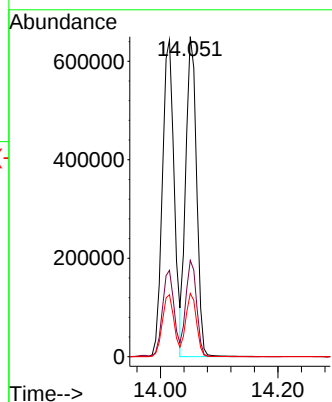
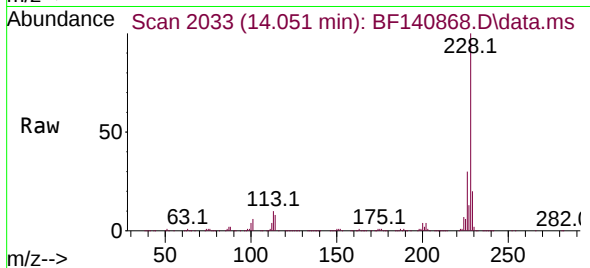
Tgt Ion:228 Resp: 830787

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.633 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

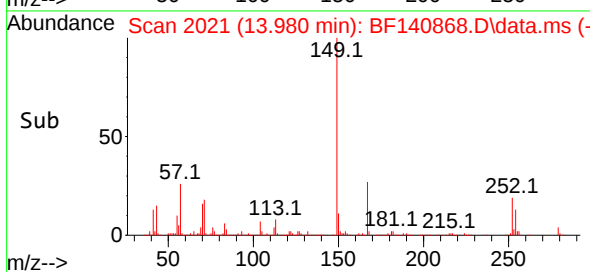
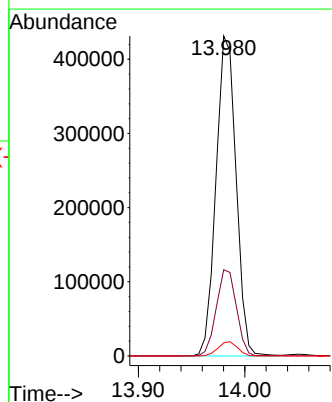
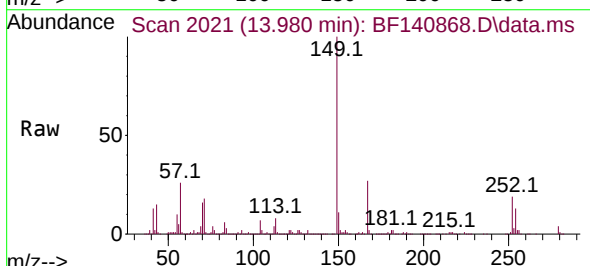
Tgt Ion:149 Resp: 564719

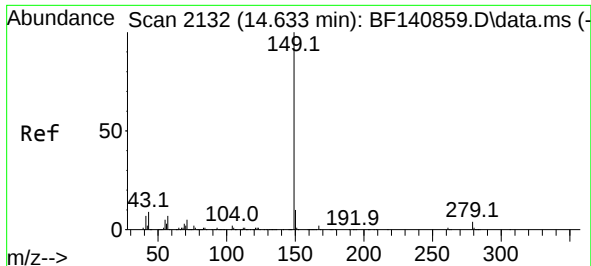
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 4.1 3.5 5.3

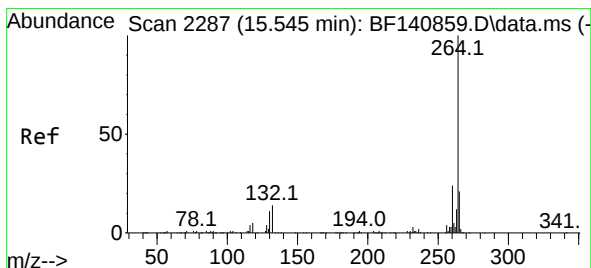
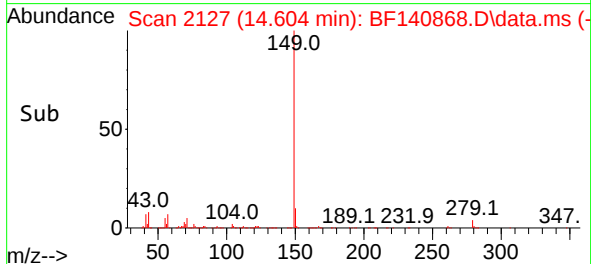
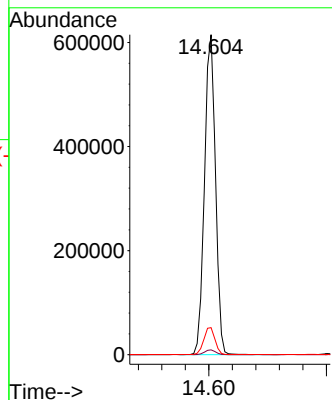
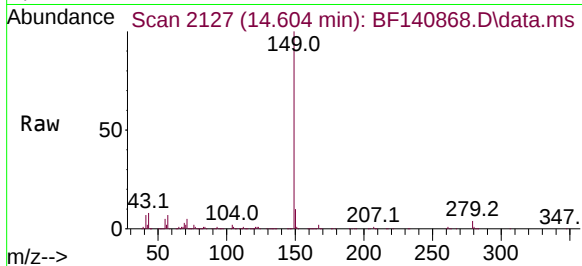




#85
Di-n-octyl phthalate
Concen: 48.214 ng
RT: 14.604 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

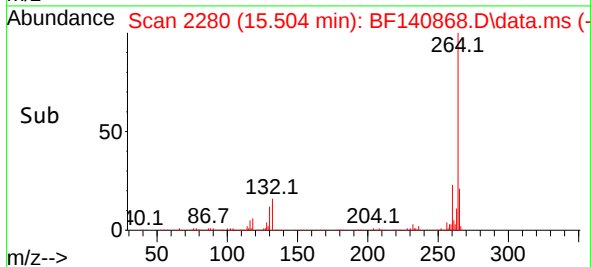
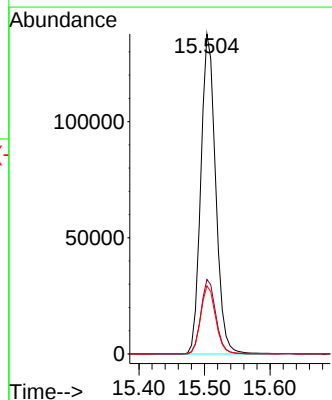
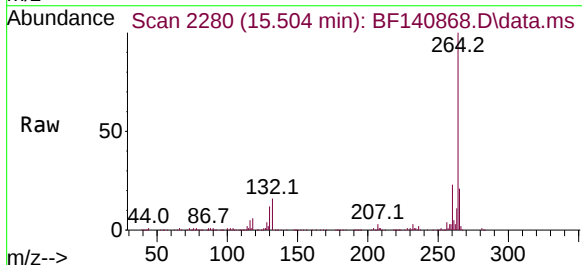
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

Tgt Ion:149 Resp: 797783
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.6 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.041 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:264 Resp: 217232
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.000 ng

RT: 17.015 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

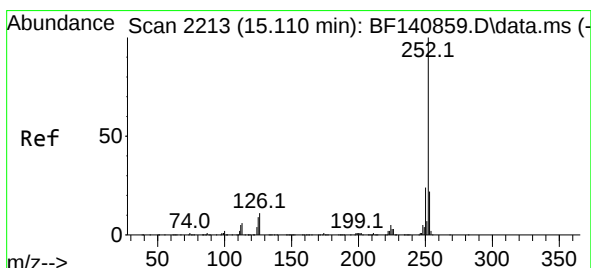
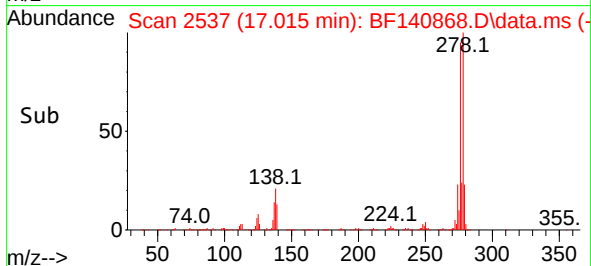
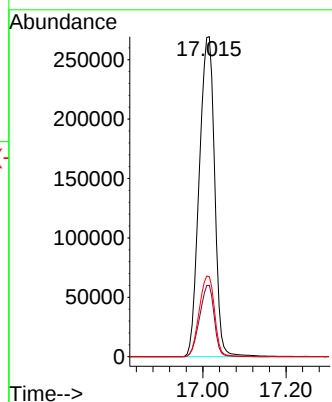
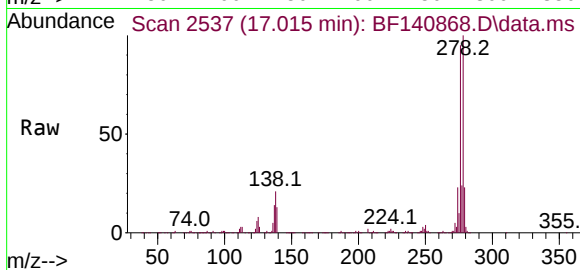
Tgt Ion:276 Resp: 691365

Ion Ratio Lower Upper

276 100

138 21.2 16.9 25.3

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 48.635 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.035 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

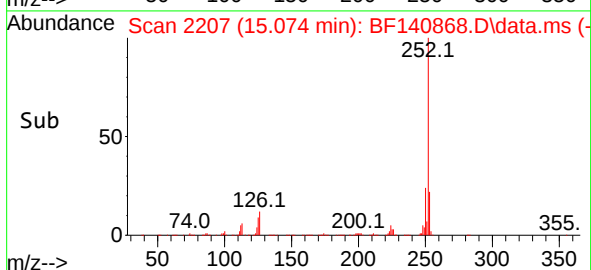
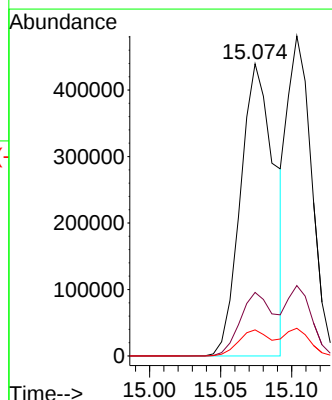
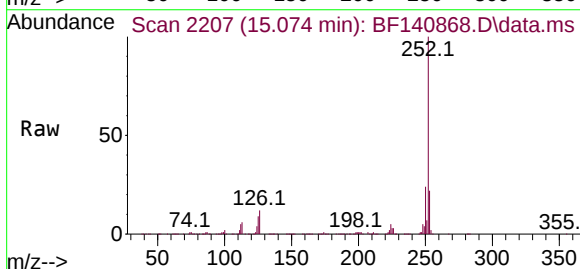
Tgt Ion:252 Resp: 733377

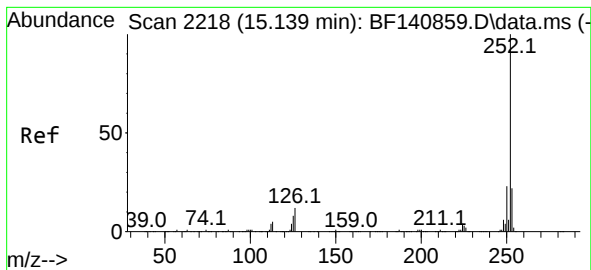
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 8.9 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 44.729 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

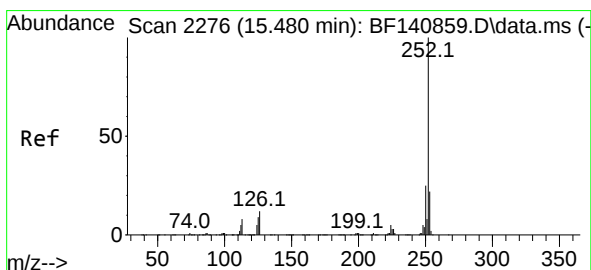
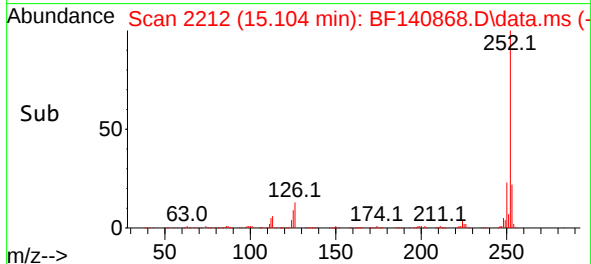
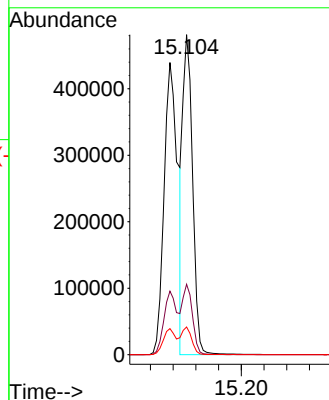
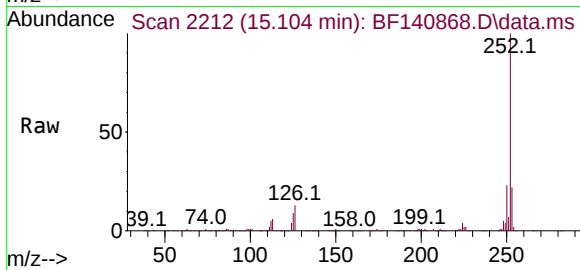
Tgt Ion:252 Resp: 578569

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.7 6.8 10.2



#90

Benzo(a)pyrene

Concen: 52.865 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.035 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

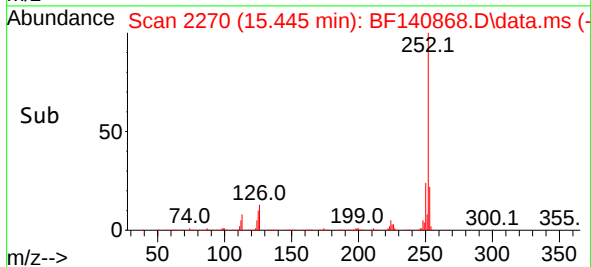
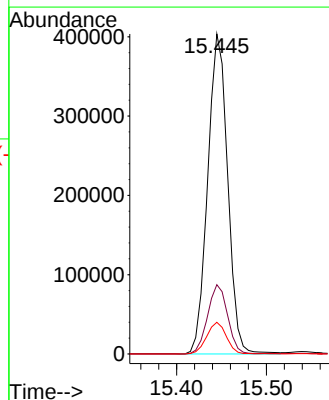
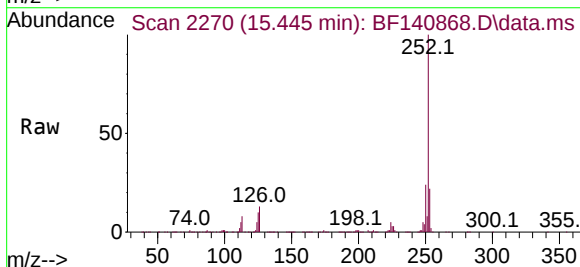
Tgt Ion:252 Resp: 624207

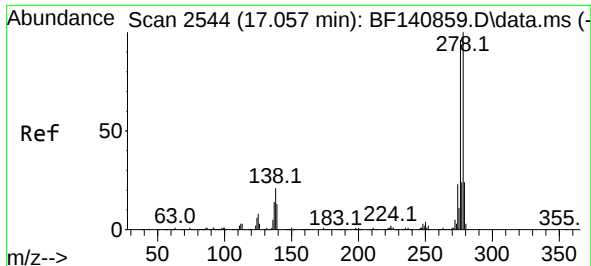
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.9 7.5 11.3

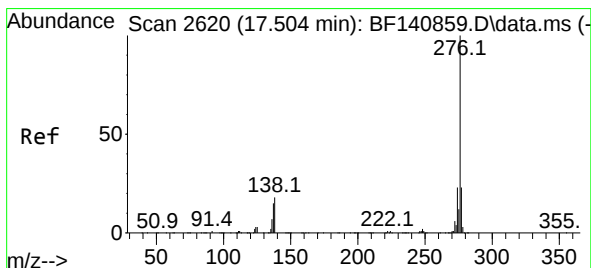
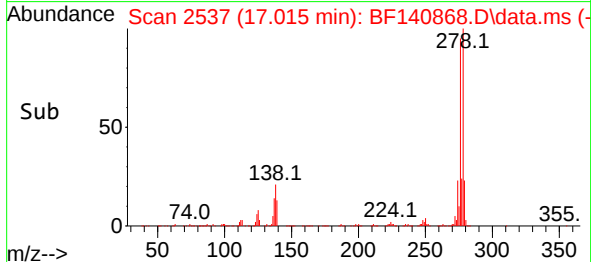
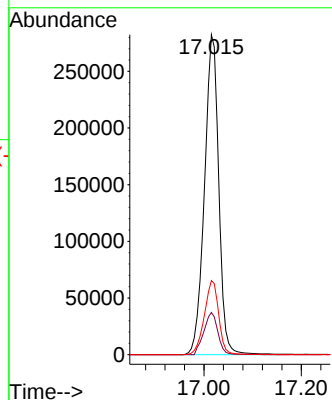
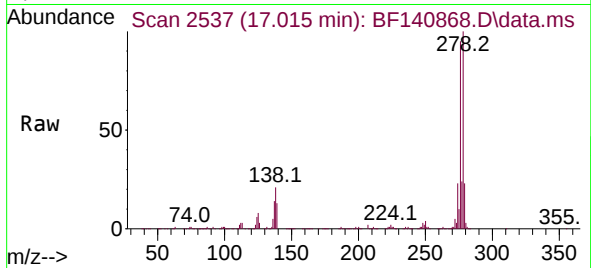




#91
 Dibenzo(a,h)anthracene
 Concen: 51.097 ng
 RT: 17.015 min Scan# 21
 Delta R.T. -0.041 min
 Lab File: BF140868.D
 Acq: 16 Dec 2024 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB165479BSD

Tgt Ion:278 Resp: 573851
 Ion Ratio Lower Upper
 278 100
 139 13.2 10.6 16.0
 279 23.1 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 45.637 ng
 RT: 17.462 min Scan# 2613
 Delta R.T. -0.041 min
 Lab File: BF140868.D
 Acq: 16 Dec 2024 18:53

Tgt Ion:276 Resp: 521641
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.7 28.1
 138 17.4 14.2 21.2

