

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129784.D
 Acq On : 15 Aug 2022 17:01
 Operator : CG\JU
 Sample : PB147018BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147018BS

Quant Time: Aug 16 03:14:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	163678	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	683523	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	364315	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	615237	20.000	ng	0.00
76) Chrysene-d12	14.004	240	380374	20.000	ng	0.00
86) Perylene-d12	15.468	264	307224	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1112848	112.571	ng	0.00
7) Phenol-d6	6.481	99	1356139	109.545	ng	0.00
23) Nitrobenzene-d5	7.392	82	891685	69.835	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	401799	109.888	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1671498	69.684	ng	0.00
79) Terphenyl-d14	12.939	244	1811792	79.256	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.605	88	119756	29.363	ng 99
3) Pyridine	3.393	79	322225	30.190	ng 98
4) n-Nitrosodimethylamine	3.334	42	197176	40.086	ng 99
6) Aniline	6.493	93	549049	38.913	ng 93
8) 2-Chlorophenol	6.622	128	443714	40.319	ng 100
9) Benzaldehyde	6.381	77	254143	38.007	ng 99
10) Phenol	6.493	94	533351	39.276	ng 93
11) bis(2-Chloroethyl)ether	6.563	93	426034	41.315	ng 99
12) 1,3-Dichlorobenzene	6.763	146	468428	39.427	ng 98
13) 1,4-Dichlorobenzene	6.840	146	471645	38.852	ng 98
14) 1,2-Dichlorobenzene	6.993	146	449344	39.854	ng 99
15) Benzyl Alcohol	6.981	79	354659	37.949	ng 96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	556366	40.265	ng 96
17) 2-Methylphenol	7.098	107	360304	40.774	ng 99
18) Hexachloroethane	7.328	117	182389	40.009	ng 97
19) n-Nitroso-di-n-propyla...	7.240	70	312350	39.917	ng 98
20) 3+4-Methylphenols	7.251	107	457260	38.550	ng 99
22) Acetophenone	7.240	105	631551	37.915	ng 100
24) Nitrobenzene	7.416	77	467673	36.323	ng 99
25) Isophorone	7.651	82	849016	38.633	ng 99
26) 2-Nitrophenol	7.728	139	242610	38.308	ng 100
27) 2,4-Dimethylphenol	7.769	122	385693	42.466	ng 98
28) bis(2-Chloroethoxy)met...	7.857	93	526063	40.997	ng 99
29) 2,4-Dichlorophenol	7.981	162	370354	37.292	ng 98
30) 1,2,4-Trichlorobenzene	8.045	180	374608	35.755	ng 97
31) Naphthalene	8.128	128	1282249	35.878	ng 100
32) Benzoic acid	7.916	122	137413	36.717	ng 94
33) 4-Chloroaniline	8.187	127	516295	36.736	ng 98
34) Hexachlorobutadiene	8.239	225	228552	35.826	ng 99
35) Caprolactam	8.569	113	64782	20.976	ng 92
36) 4-Chloro-3-methylphenol	8.681	107	404025	37.710	ng 98
37) 2-Methylnaphthalene	8.822	142	849209	36.204	ng 99
38) 1-Methylnaphthalene	8.922	142	800194	35.102	ng 100
40) 1,2,4,5-Tetrachloroben...	8.986	216	381327	37.633	ng 99
41) Hexachlorocyclopentadiene	8.969	237	306858	88.028	ng 99
43) 2,4,6-Trichlorophenol	9.110	196	235065	35.705	ng 100

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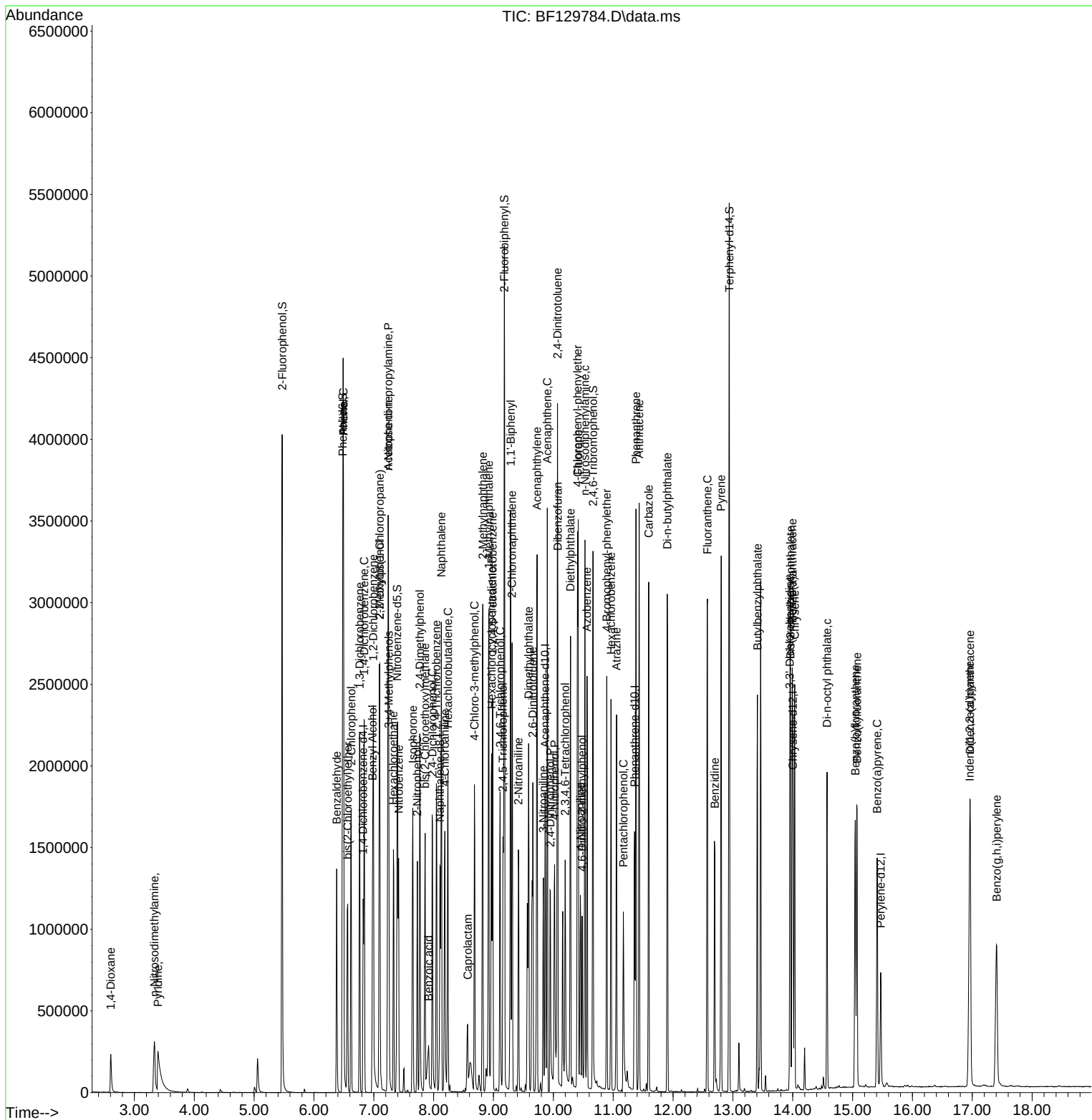
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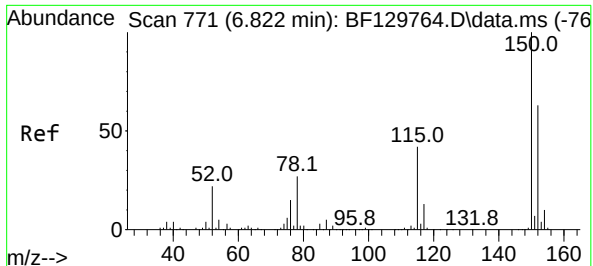
Quant Time: Aug 16 03:14:37 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	254023	35.864	ng	98
46) 1,1'-Biphenyl	9.286	154	1035640	37.419	ng	99
47) 2-Chloronaphthalene	9.310	162	791634	36.150	ng	97
48) 2-Nitroaniline	9.416	65	260127	37.588	ng	99
49) Acenaphthylene	9.728	152	1200542	36.153	ng	99
50) Dimethylphthalate	9.586	163	968708	37.092	ng	99
51) 2,6-Dinitrotoluene	9.657	165	216676	38.246	ng	98
52) Acenaphthene	9.898	154	727798	36.124	ng	99
53) 3-Nitroaniline	9.834	138	195663	31.230	ng	99
54) 2,4-Dinitrophenol	9.951	184	192864	75.618	ng	90
55) Dibenzofuran	10.075	168	1102916	36.439	ng	99
56) 4-Nitrophenol	10.022	139	207188	74.334	ng	98
57) 2,4-Dinitrotoluene	10.069	165	278386	37.854	ng	99
58) Fluorene	10.416	166	900119	35.616	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	195017	37.518	ng	# 84
60) Diethylphthalate	10.286	149	954160	36.641	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	421358	37.152	ng	99
62) 4-Nitroaniline	10.451	138	212842	33.675	ng	96
63) Azobenzene	10.563	77	899123	36.122	ng	99
65) 4,6-Dinitro-2-methylph...	10.481	198	137133	37.968	ng	97
66) n-Nitrosodiphenylamine	10.528	169	785328	37.819	ng	98
67) 4-Bromophenyl-phenylether	10.892	248	270508	37.539	ng	98
68) Hexachlorobenzene	10.963	284	298035	38.181	ng	98
69) Atrazine	11.057	200	251980	39.536	ng	98
70) Pentachlorophenol	11.169	266	156849	67.875	ng	98
71) Phenanthrene	11.380	178	1279311	37.232	ng	99
72) Anthracene	11.433	178	1295115	37.902	ng	100
73) Carbazole	11.592	167	1180781	38.067	ng	99
74) Di-n-butylphthalate	11.904	149	1494138	37.427	ng	99
75) Fluoranthene	12.575	202	1287066	36.605	ng	100
77) Benzidine	12.698	184	607907	69.503	ng	100
78) Pyrene	12.804	202	1275718	38.595	ng	99
80) Butylbenzylphthalate	13.410	149	525101	37.543	ng	98
81) Benzo(a)anthracene	13.992	228	956200	36.543	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	287542	35.482	ng	99
83) Chrysene	14.033	228	881627	35.994	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	624997	37.664	ng	99
85) Di-n-octyl phthalate	14.574	149	885914	38.674	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	870289	41.263	ng	99
88) Benzo(b)fluoranthene	15.045	252	786687	37.395	ng	99
89) Benzo(k)fluoranthene	15.074	252	745684	36.961	ng	99
90) Benzo(a)pyrene	15.410	252	669905	40.437	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	763729	43.886	ng	98
92) Benzo(g,h,i)perylene	17.409	276	770823	44.397	ng	98

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

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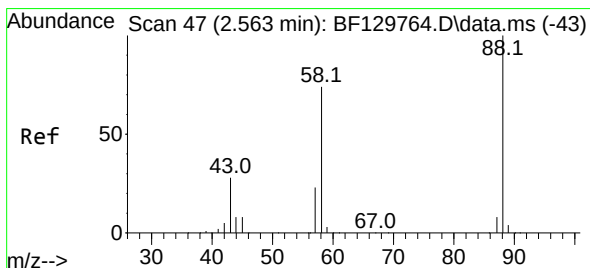
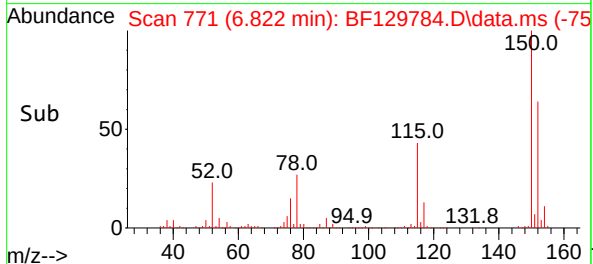
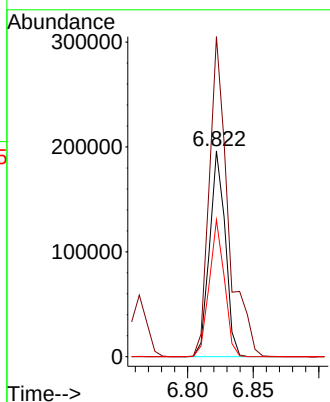
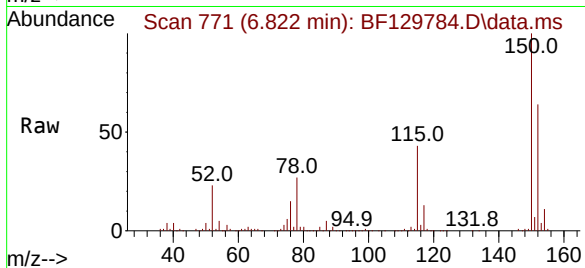




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129784.D
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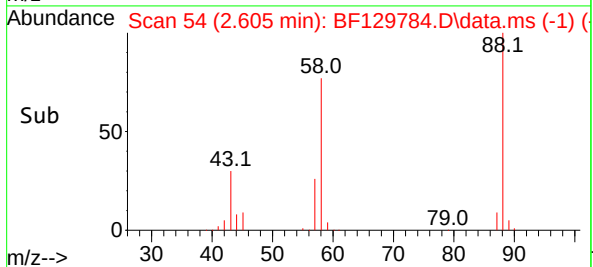
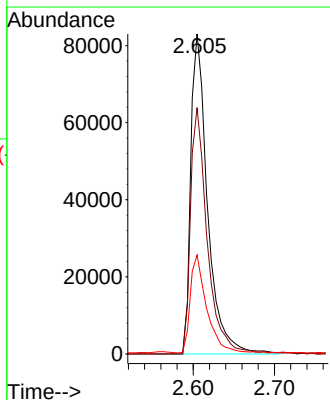
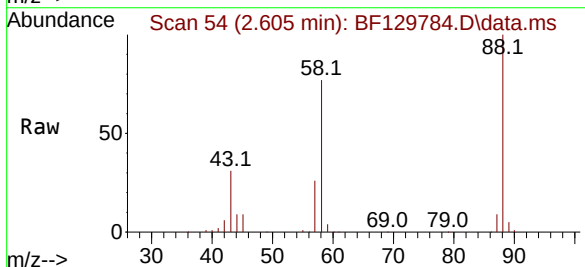
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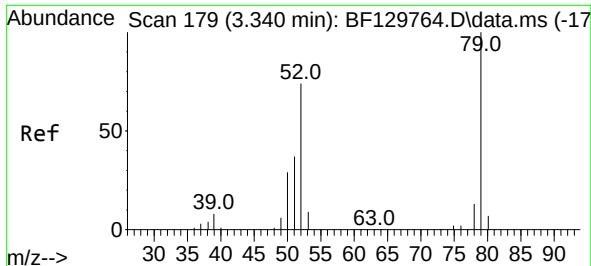
Tgt Ion:152 Resp: 163678
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.9 190.3
 115 66.4 53.4 80.0



#2
 1,4-Dioxane
 Concen: 29.363 ng
 RT: 2.605 min Scan# 54
 Delta R.T. 0.041 min
 Lab File: BF129784.D
 Acq: 15 Aug 2022 17:01

Tgt Ion: 88 Resp: 119756
 Ion Ratio Lower Upper
 88 100
 58 77.2 60.9 91.3
 43 30.1 23.6 35.4

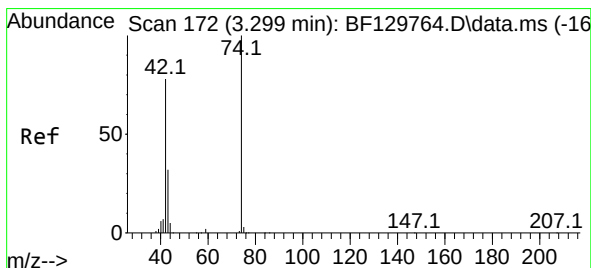
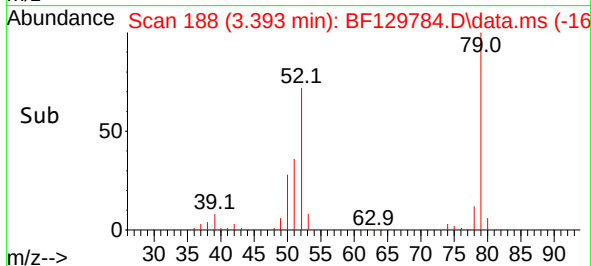
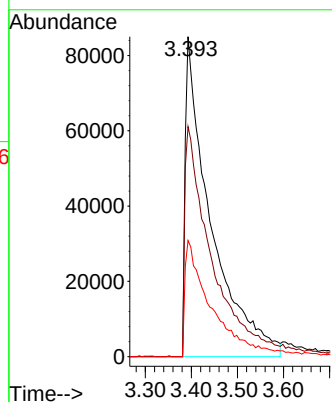
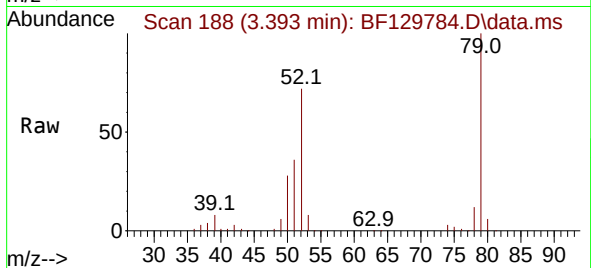




#3
Pyridine
Concen: 30.190 ng
RT: 3.393 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

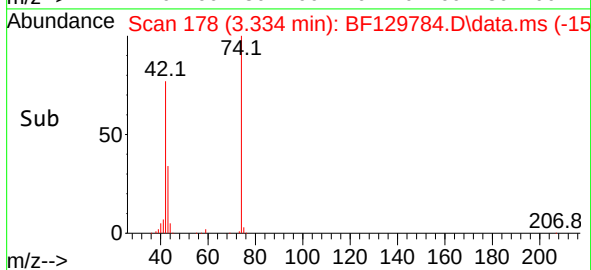
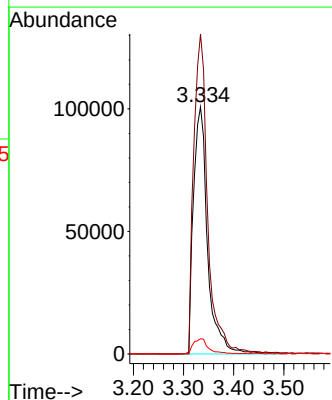
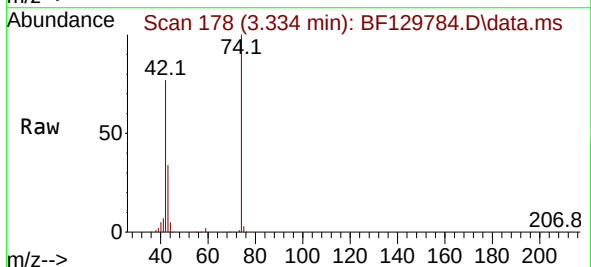
Instrument :
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ClientSampleId :
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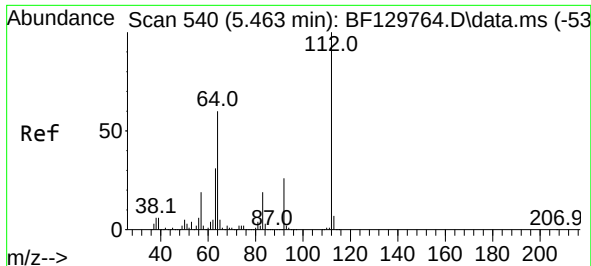
Tgt Ion: 79 Resp: 322225
Ion Ratio Lower Upper
79 100
52 71.9 59.4 89.2
51 36.3 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 40.086 ng
RT: 3.334 min Scan# 178
Delta R.T. 0.035 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion: 42 Resp: 197176
Ion Ratio Lower Upper
42 100
74 129.6 103.1 154.7
44 6.1 5.4 8.2

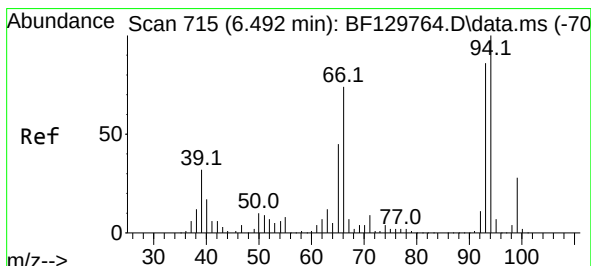
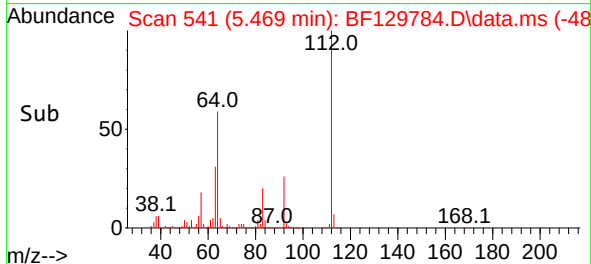
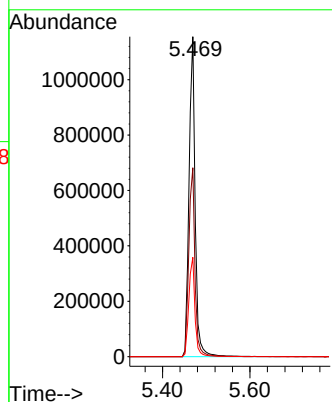
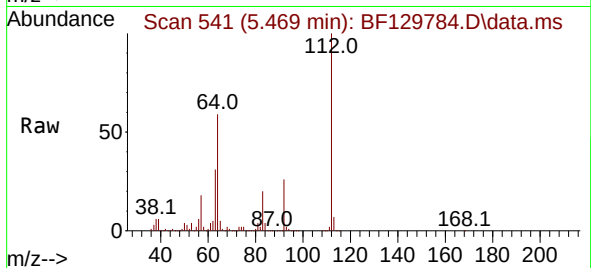




#5
2-Fluorophenol
Concen: 112.571 ng
RT: 5.469 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

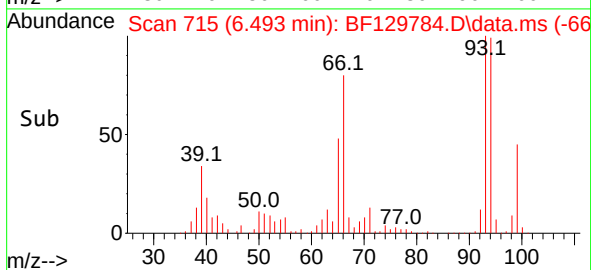
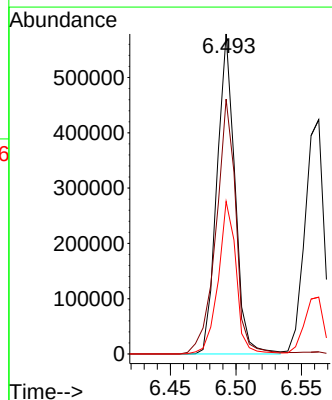
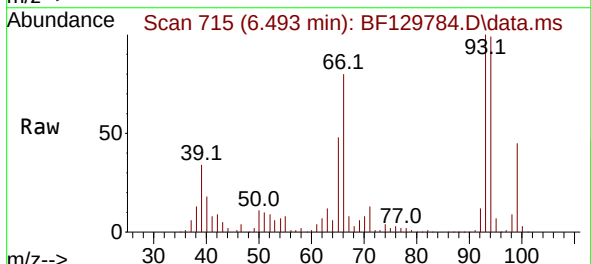
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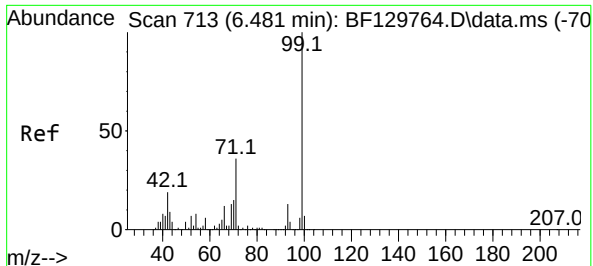
Tgt Ion:112 Resp: 1112848
Ion Ratio Lower Upper
112 100
64 59.1 47.6 71.4
63 31.0 24.6 37.0



#6
Aniline
Concen: 38.913 ng
RT: 6.493 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion: 93 Resp: 549049
Ion Ratio Lower Upper
93 100
66 79.7 68.7 103.1
65 47.7 41.6 62.4



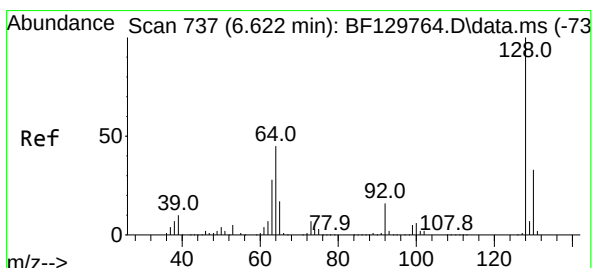
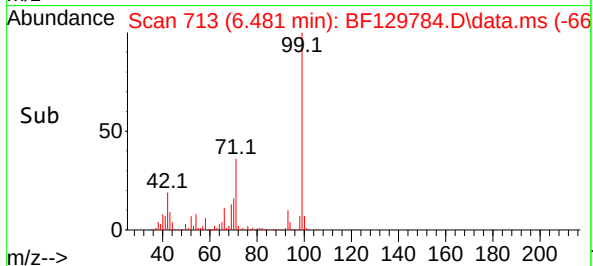
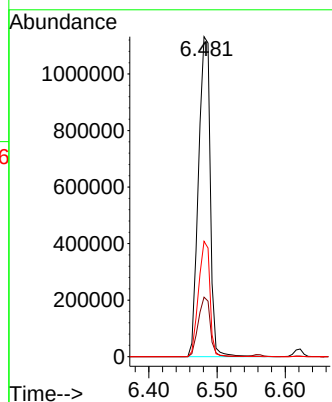
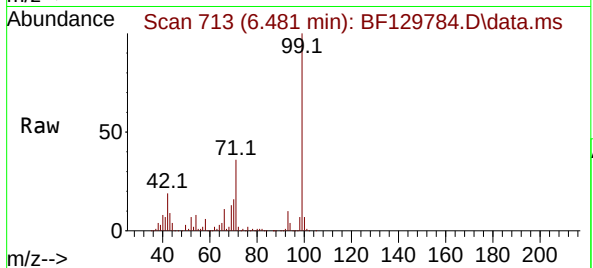


#7
Phenol-d6
Concen: 109.545 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Instrument :
BNA_F
ClientSampleId :
PB147018BS

Tgt Ion: 99 Resp: 1356139

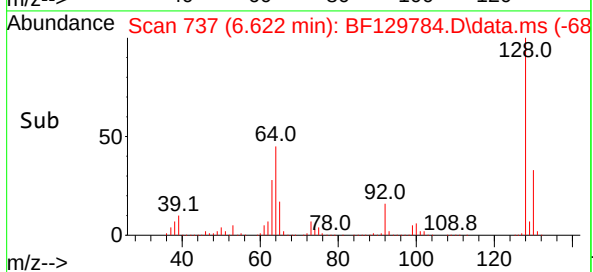
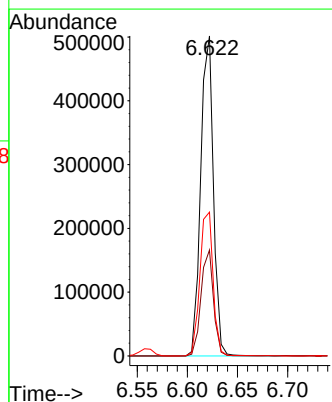
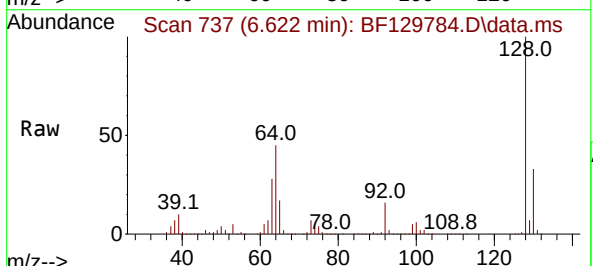
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	36.0	28.8	43.2

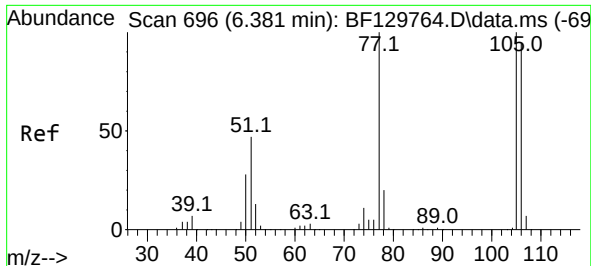


#8
2-Chlorophenol
Concen: 40.319 ng
RT: 6.622 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion: 128 Resp: 443714

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.5	52.5
64	44.9	24.9	64.9

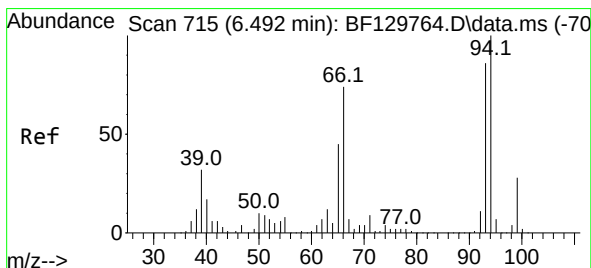
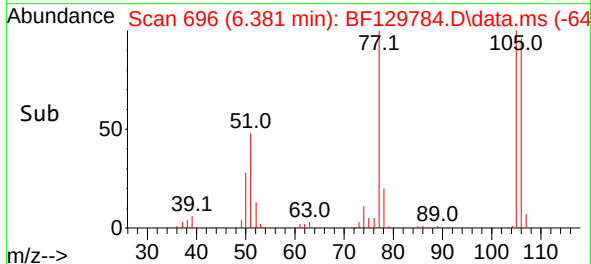
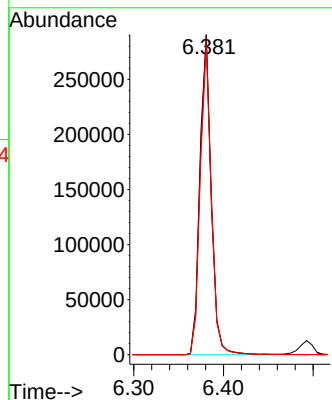
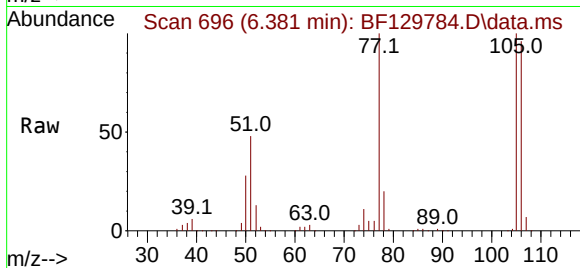




#9
Benzaldehyde
Concen: 38.007 ng
RT: 6.381 min Scan# 696
Delta R.T. -0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

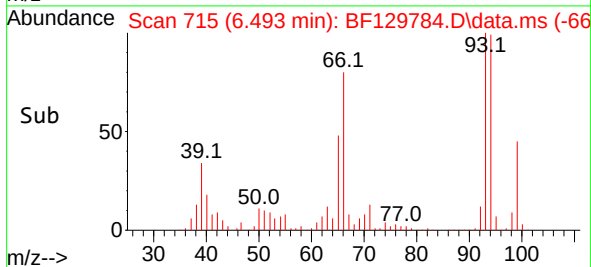
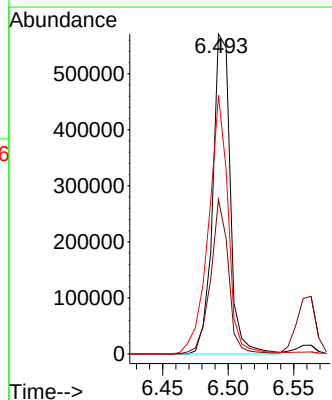
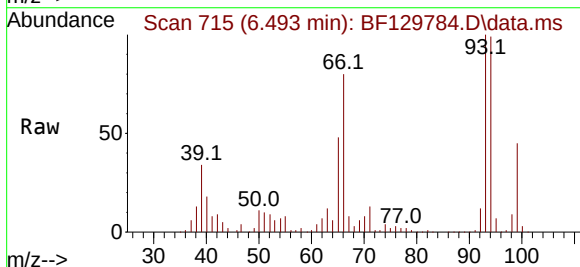
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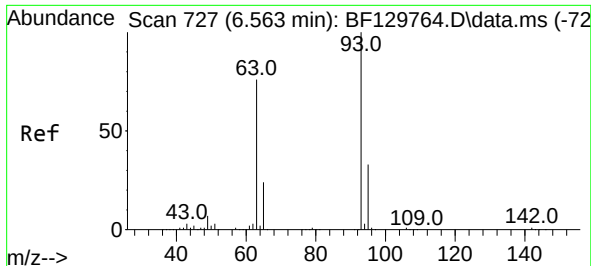
Tgt Ion: 77 Resp: 254143
Ion Ratio Lower Upper
77 100
105 99.7 80.3 120.3
106 96.3 74.3 114.3



#10
Phenol
Concen: 39.276 ng
RT: 6.493 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF129784.D
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Tgt Ion: 94 Resp: 533351
Ion Ratio Lower Upper
94 100
65 48.3 24.9 64.9
66 80.8 54.2 94.2

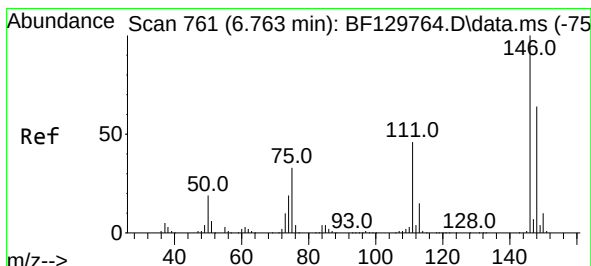
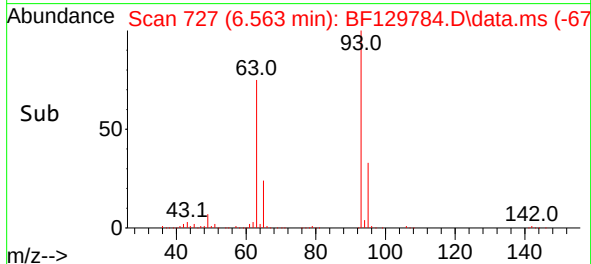
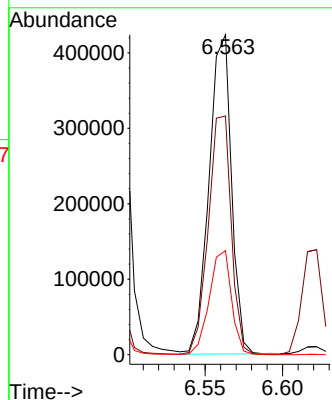
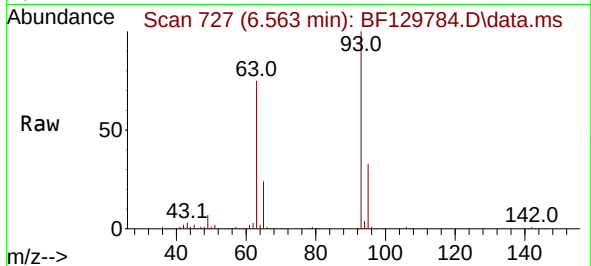




#11
bis(2-Chloroethyl)ether
Concen: 41.315 ng
RT: 6.563 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

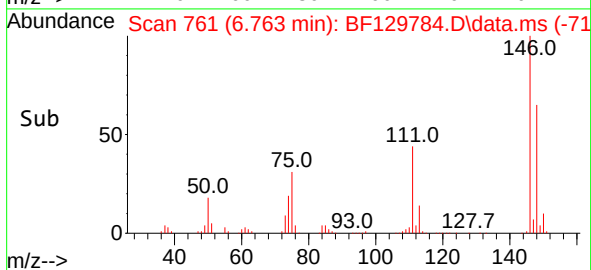
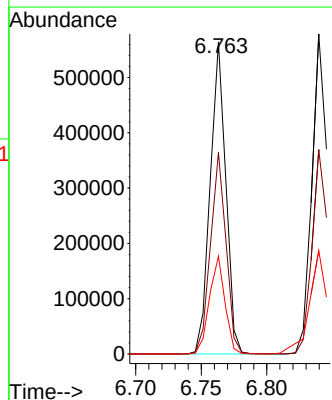
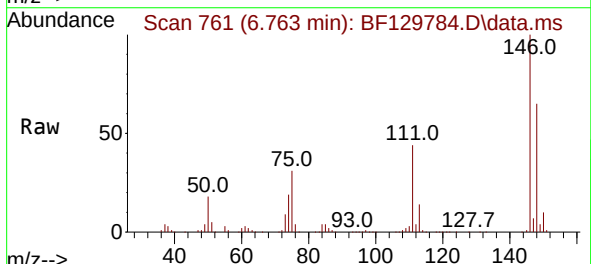
Instrument :
BNA_F
ClientSampleId :
PB147018BS

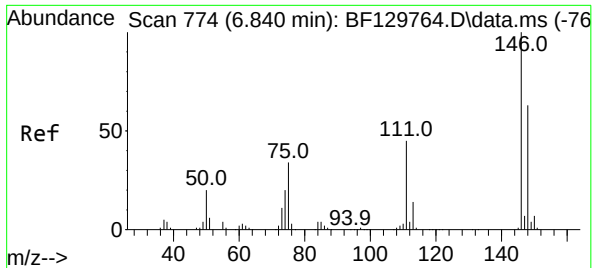
Tgt Ion: 93 Resp: 426034
Ion Ratio Lower Upper
93 100
63 74.6 55.9 95.9
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.427 ng
RT: 6.763 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion: 146 Resp: 468428
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
75 31.4 26.5 39.7

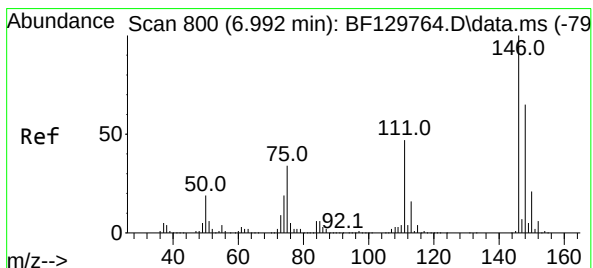
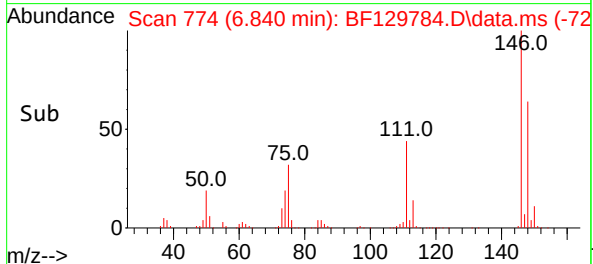
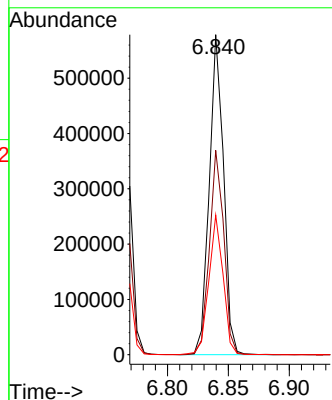
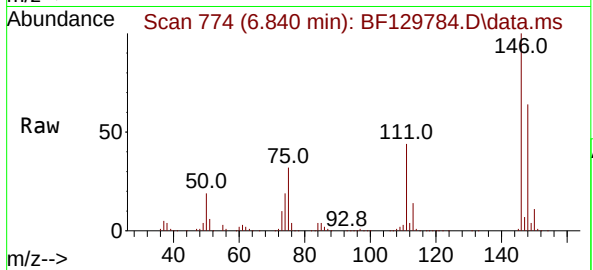




#13
1,4-Dichlorobenzene
Concen: 38.852 ng
RT: 6.840 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

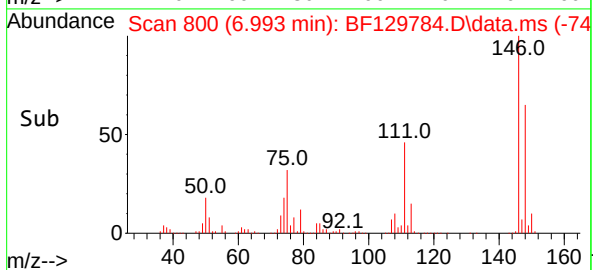
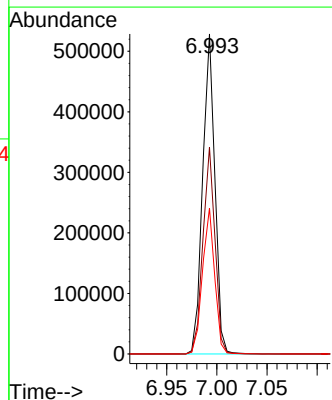
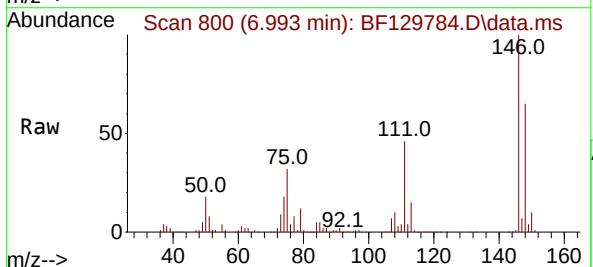
Instrument :
BNA_F
ClientSampleId :
PB147018BS

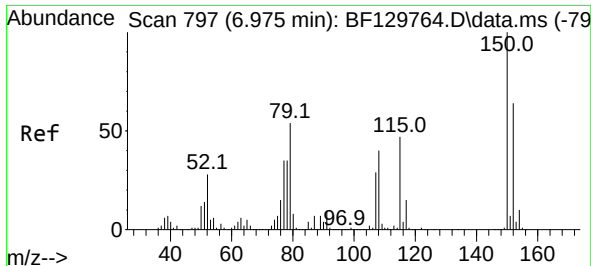
Tgt Ion:146 Resp: 471645
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
111 43.6 36.2 54.4



#14
1,2-Dichlorobenzene
Concen: 39.854 ng
RT: 6.993 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:146 Resp: 449344
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
111 45.6 37.2 55.8





#15

Benzyl Alcohol

Concen: 37.949 ng

RT: 6.981 min Scan# 79

Delta R.T. 0.006 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

Instrument :

BNA_F

ClientSampleId :

PB147018BS

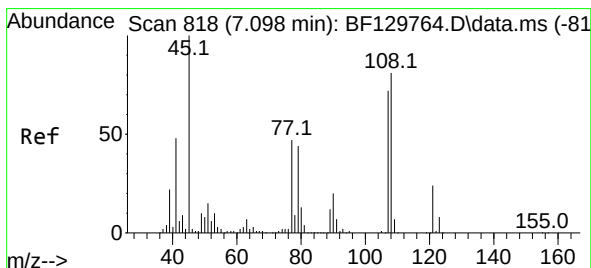
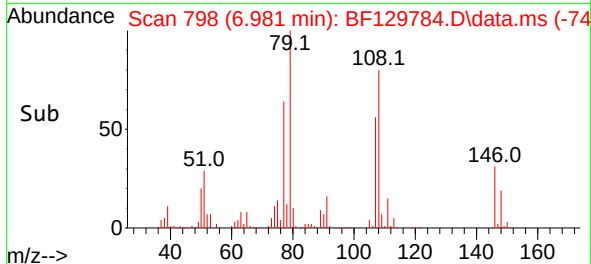
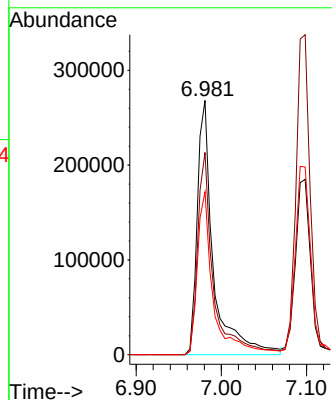
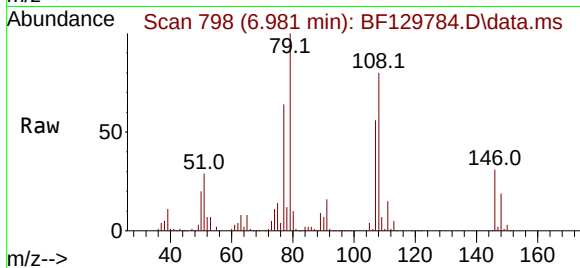
Tgt Ion: 79 Resp: 354659

Ion Ratio Lower Upper

79 100

108 79.6 59.2 88.8

77 64.1 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.265 ng

RT: 7.098 min Scan# 818

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

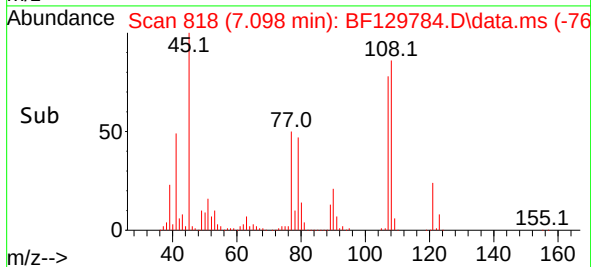
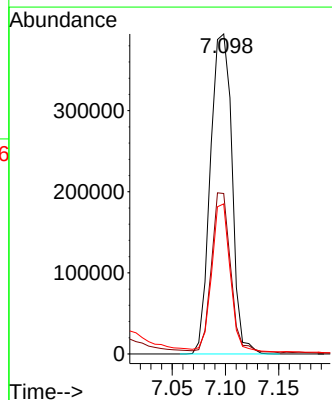
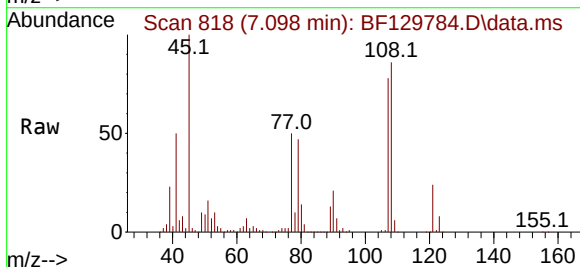
Tgt Ion: 45 Resp: 556366

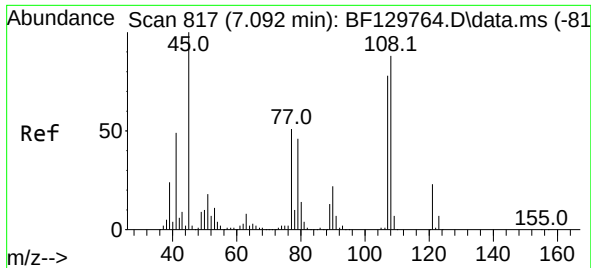
Ion Ratio Lower Upper

45 100

77 50.2 27.4 67.4

79 46.9 24.4 64.4

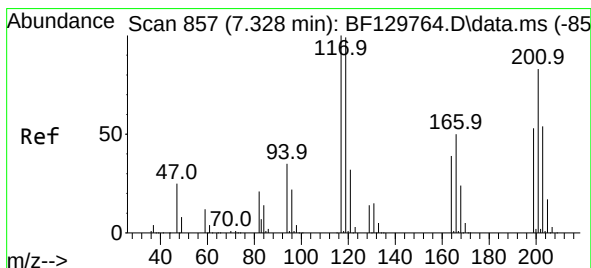
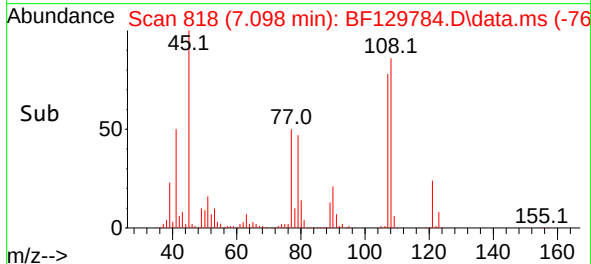
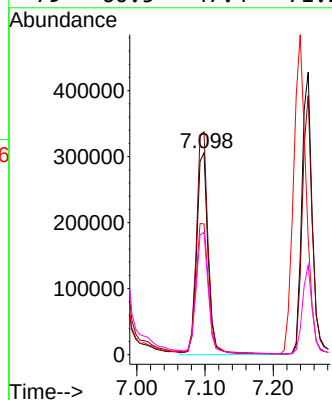
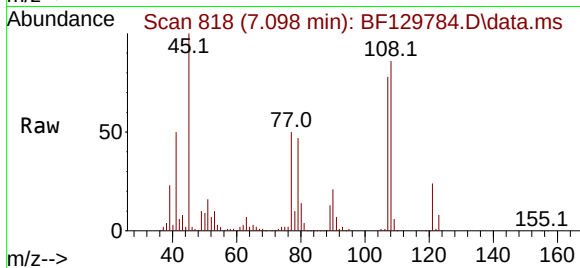




#17
2-Methylphenol
Concen: 40.774 ng
RT: 7.098 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

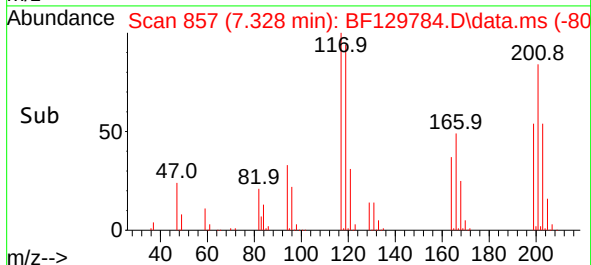
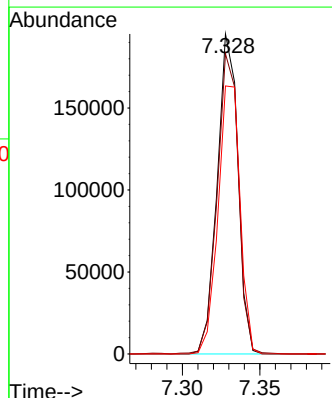
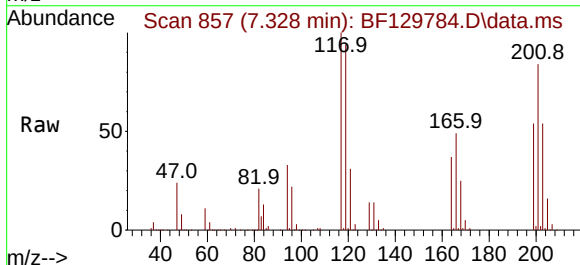
Instrument :
BNA_F
ClientSampleId :
PB147018BS

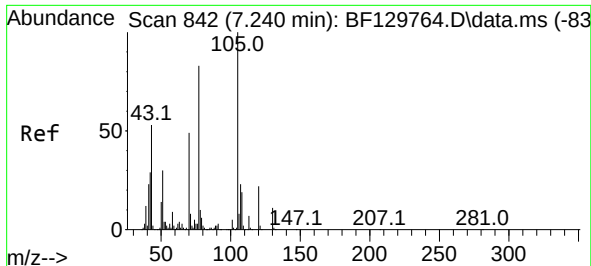
Tgt Ion:107 Resp: 360304
Ion Ratio Lower Upper
107 100
108 110.3 90.2 135.2
77 64.7 51.8 77.8
79 60.5 47.4 71.2



#18
Hexachloroethane
Concen: 40.009 ng
RT: 7.328 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:117 Resp: 182389
Ion Ratio Lower Upper
117 100
119 93.8 79.1 118.7
201 83.7 66.6 100.0

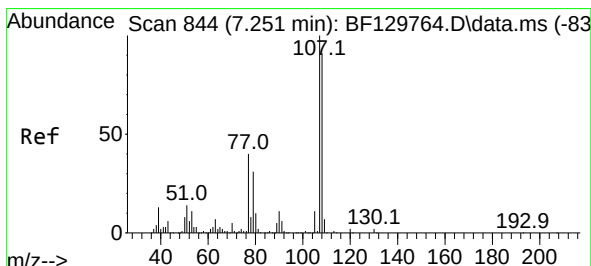
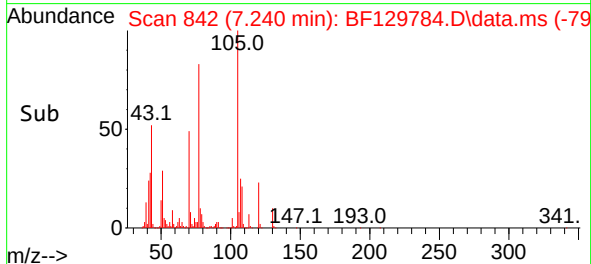
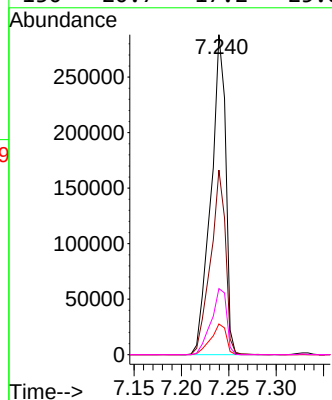
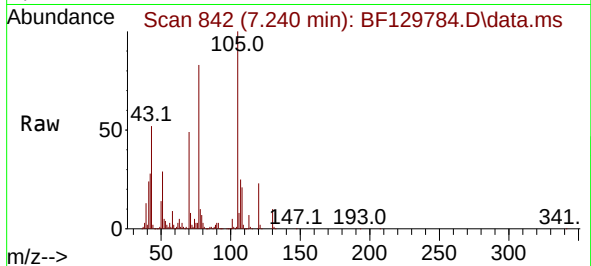




#19
n-Nitroso-di-n-propylamine
Concen: 39.917 ng
RT: 7.240 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

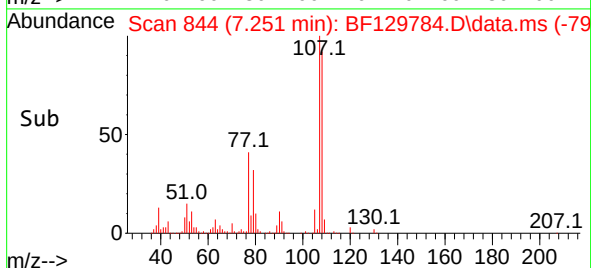
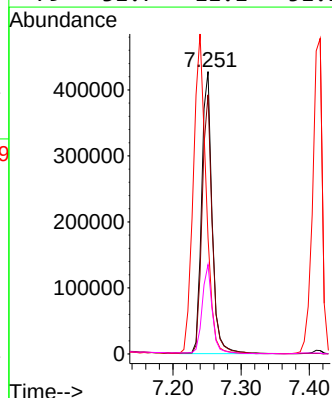
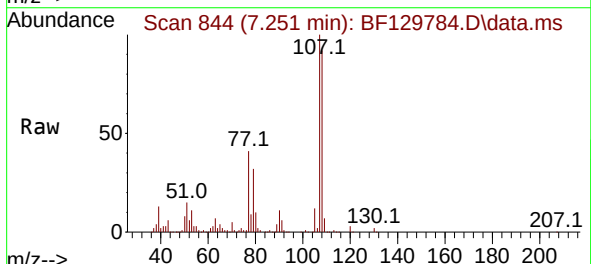
Instrument :
BNA_F
ClientSampleId :
PB147018BS

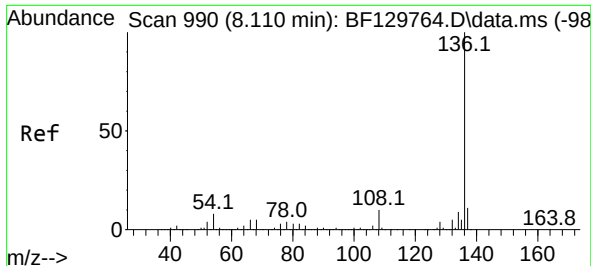
Tgt Ion: 70 Resp: 312350
Ion Ratio Lower Upper
70 100
42 57.7 47.6 71.4
101 9.6 8.1 12.1
130 20.7 17.2 25.8



#20
3+4-Methylphenols
Concen: 38.550 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion: 107 Resp: 457260
Ion Ratio Lower Upper
107 100
108 91.8 71.3 111.3
77 41.1 20.4 60.4
79 31.7 11.1 51.1

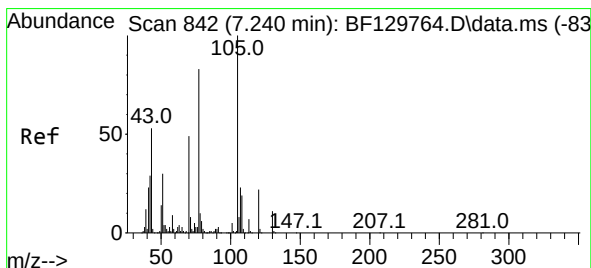
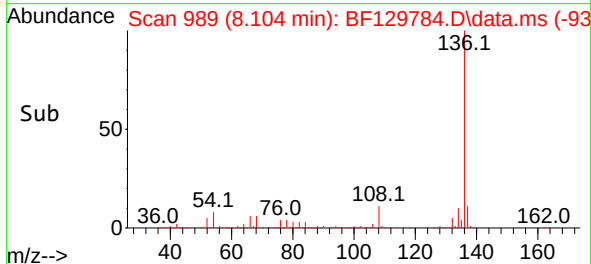
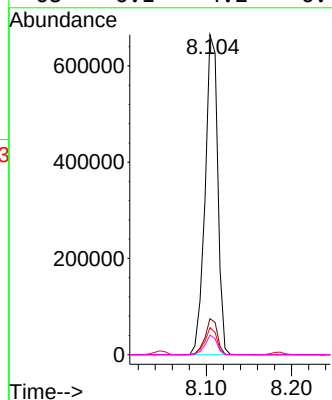
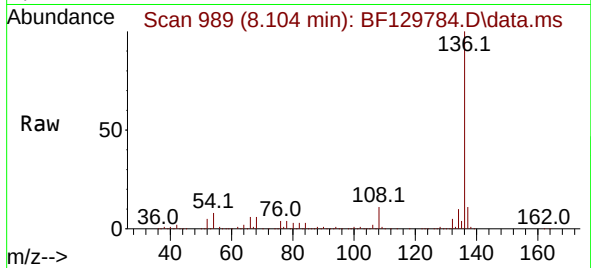




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

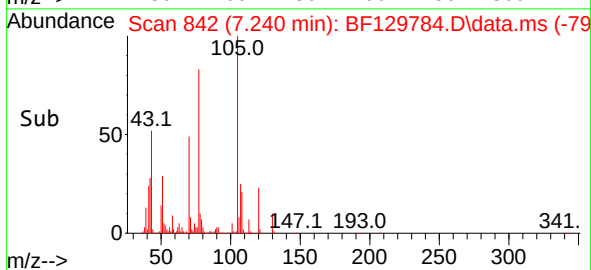
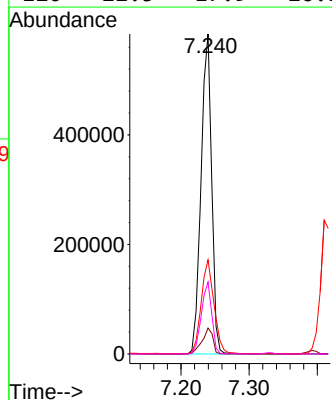
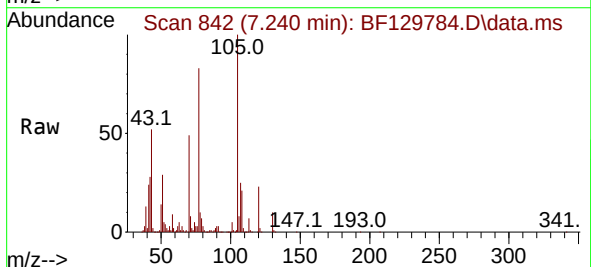
Instrument :
BNA_F
ClientSampleId :
PB147018BS

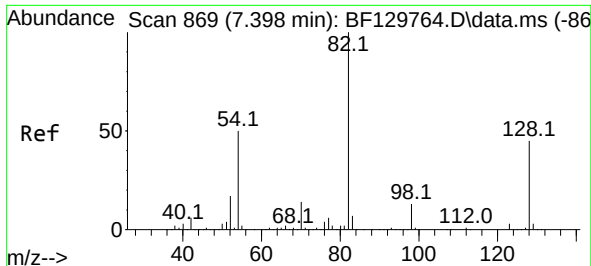
Tgt Ion:	136	Resp:	683523
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	8.5	6.2	9.2
68	6.1	4.2	6.4



#22
Acetophenone
Concen: 37.915 ng
RT: 7.240 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:	105	Resp:	631551
Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.6	9.8
51	29.4	23.8	35.8
120	22.5	17.9	26.9

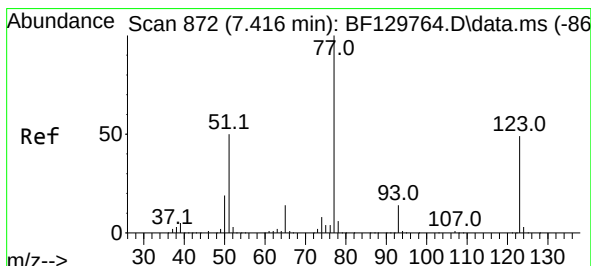
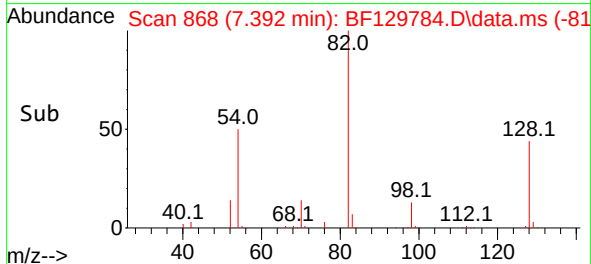
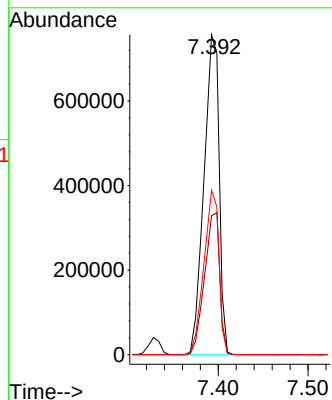
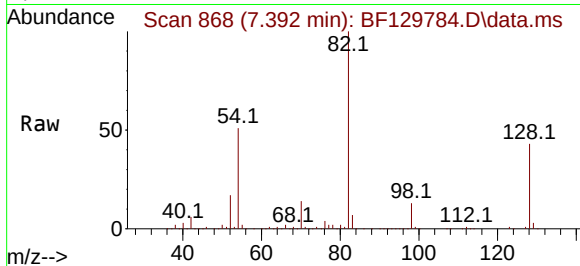




#23
Nitrobenzene-d5
Concen: 69.835 ng
RT: 7.392 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

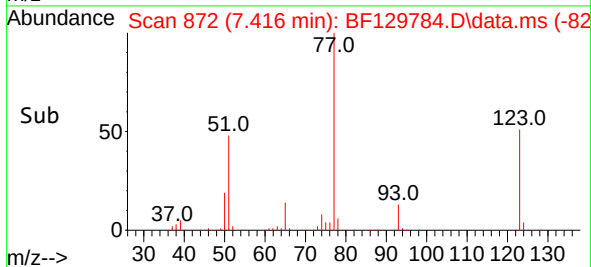
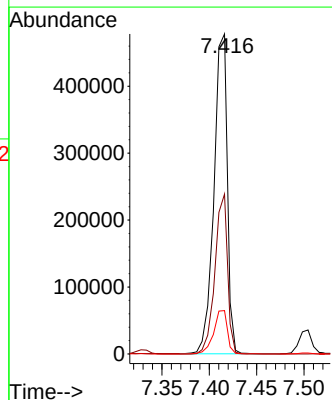
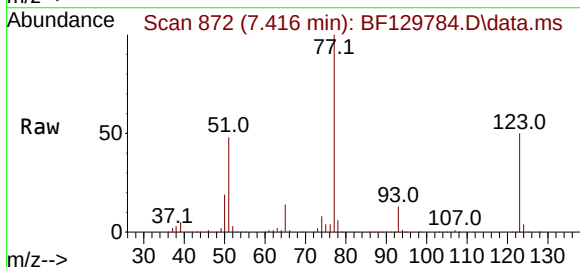
Instrument :
BNA_F
ClientSampleId :
PB147018BS

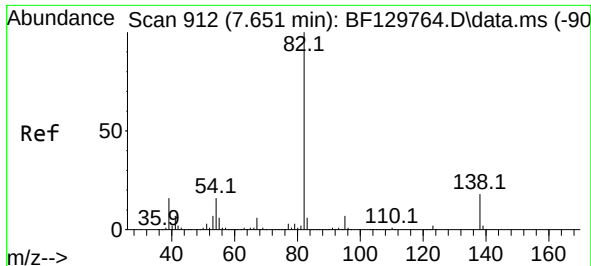
Tgt Ion: 82 Resp: 891685
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 51.3 40.0 60.0



#24
Nitrobenzene
Concen: 36.323 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion: 77 Resp: 467673
Ion Ratio Lower Upper
77 100
123 50.0 39.2 58.8
65 13.5 11.1 16.7

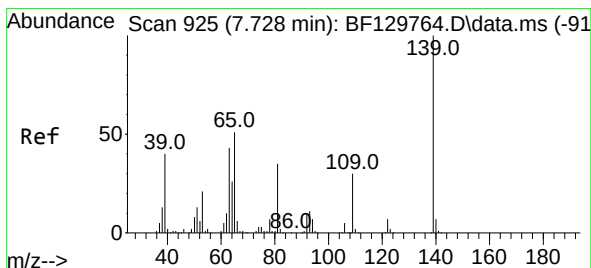
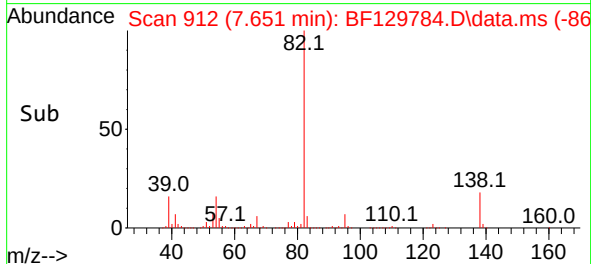
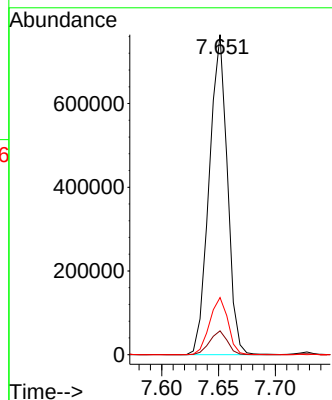
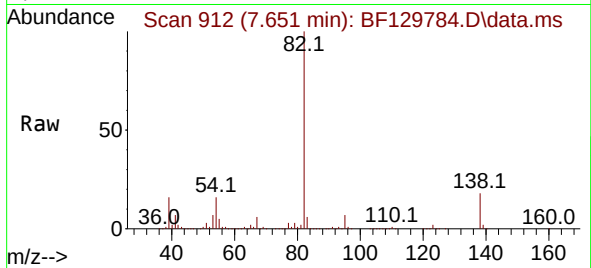




#25
Isophorone
Concen: 38.633 ng
RT: 7.651 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

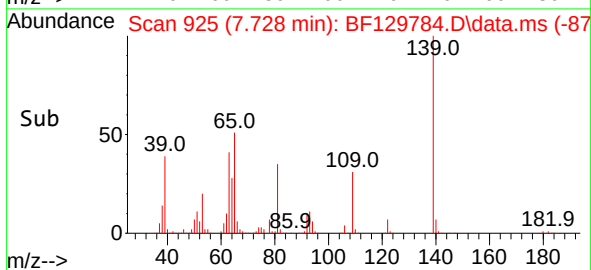
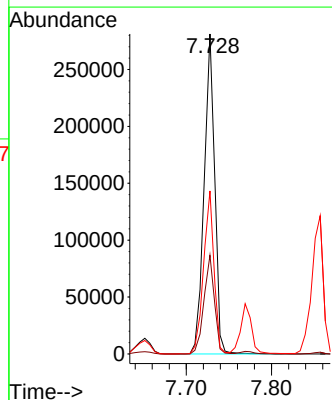
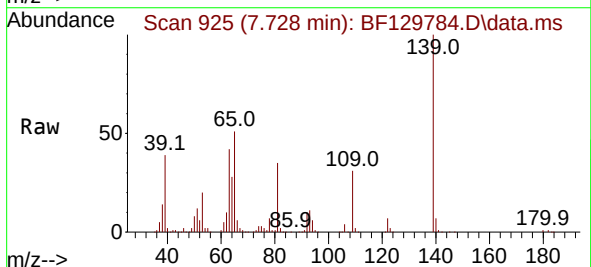
Instrument :
BNA_F
ClientSampleId :
PB147018BS

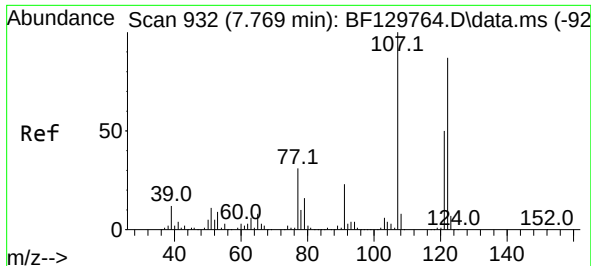
Tgt Ion: 82 Resp: 849016
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 17.8 14.6 21.8



#26
2-Nitrophenol
Concen: 38.308 ng
RT: 7.728 min Scan# 925
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion: 139 Resp: 242610
Ion Ratio Lower Upper
139 100
109 30.9 24.4 36.6
65 51.0 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 42.466 ng

RT: 7.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

Instrument :

BNA_F

ClientSampleId :

PB147018BS

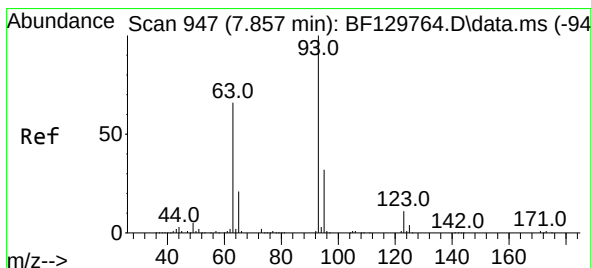
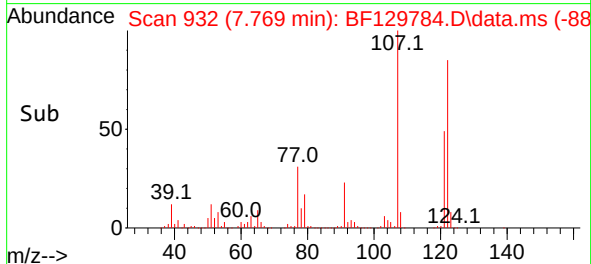
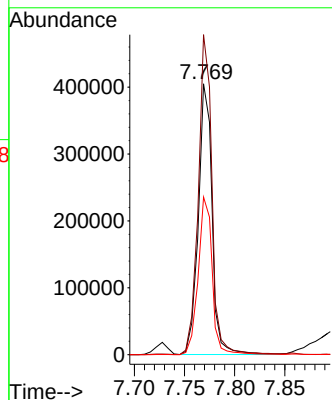
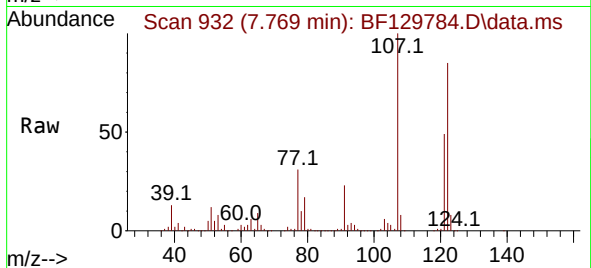
Tgt Ion:122 Resp: 385693

Ion Ratio Lower Upper

122 100

107 118.2 92.2 138.4

121 58.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.997 ng

RT: 7.857 min Scan# 947

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

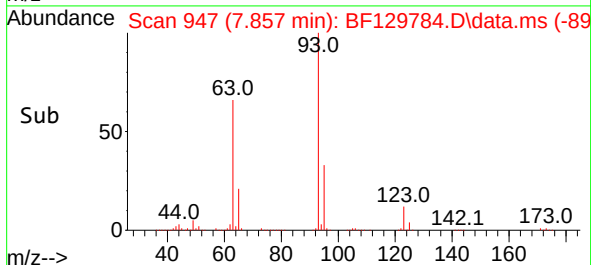
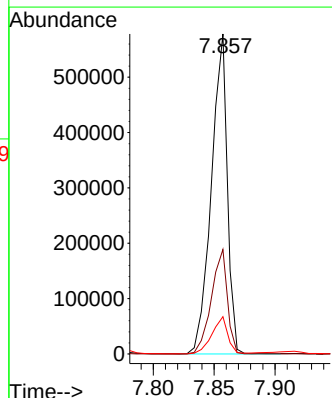
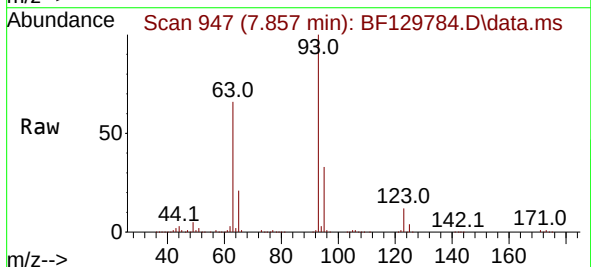
Tgt Ion: 93 Resp: 526063

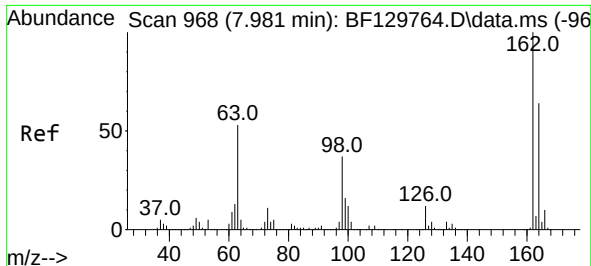
Ion Ratio Lower Upper

93 100

95 32.7 25.6 38.4

123 11.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 37.292 ng

RT: 7.981 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF129784.D

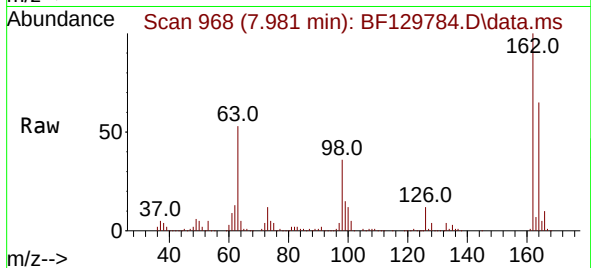
Acq: 15 Aug 2022 17:01

Instrument :

BNA_F

ClientSampleId :

PB147018BS



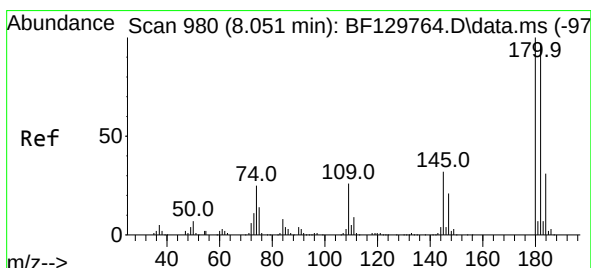
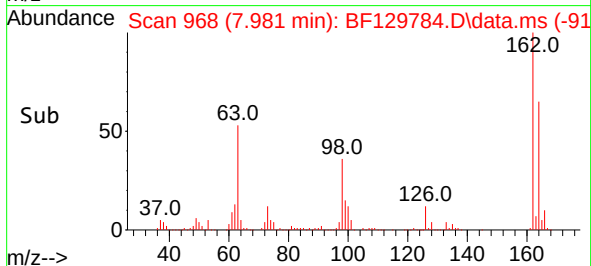
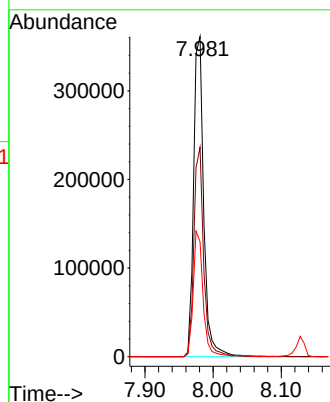
Tgt Ion:162 Resp: 370354

Ion Ratio Lower Upper

162 100

164 65.4 43.7 83.7

98 35.9 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 35.755 ng

RT: 8.045 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

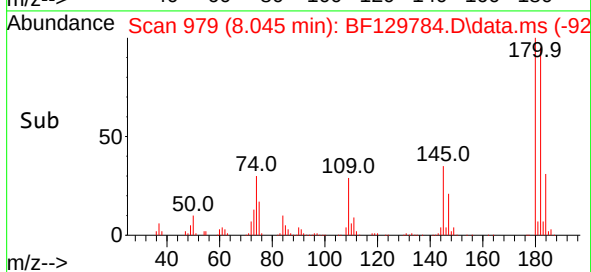
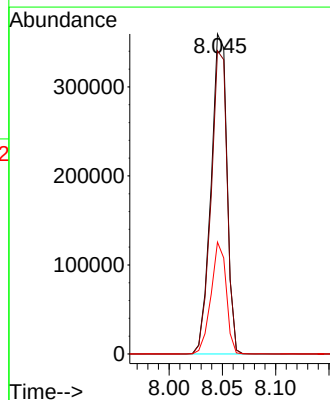
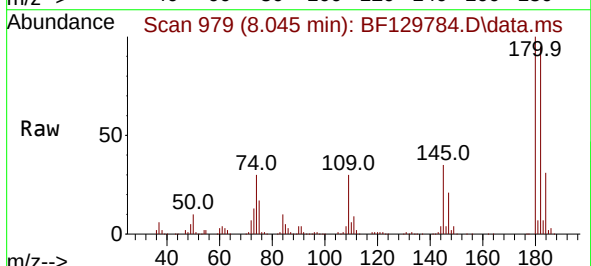
Tgt Ion:180 Resp: 374608

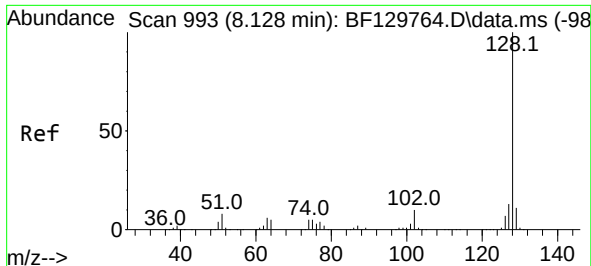
Ion Ratio Lower Upper

180 100

182 94.7 77.6 116.4

145 34.9 25.6 38.4

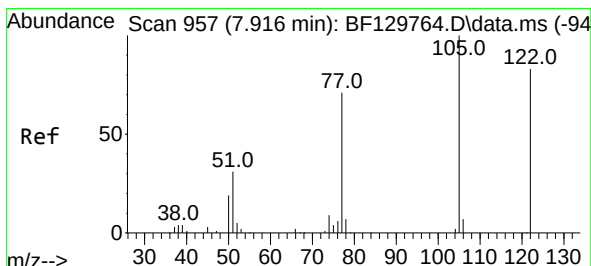
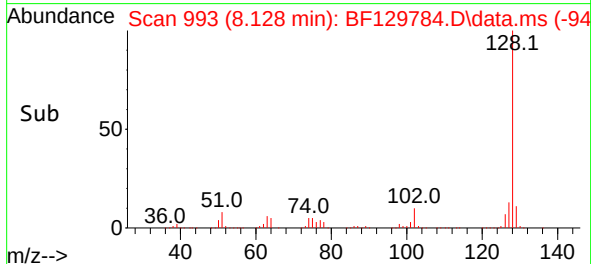
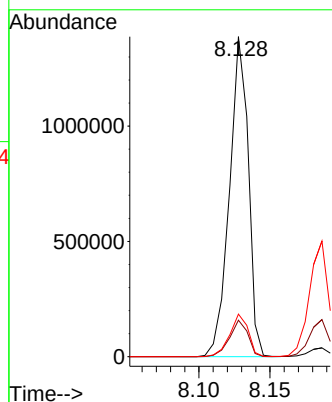
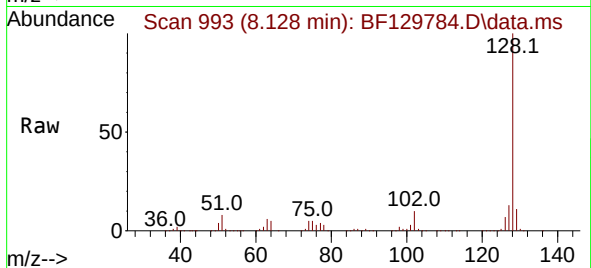




#31
Naphthalene
Concen: 35.878 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

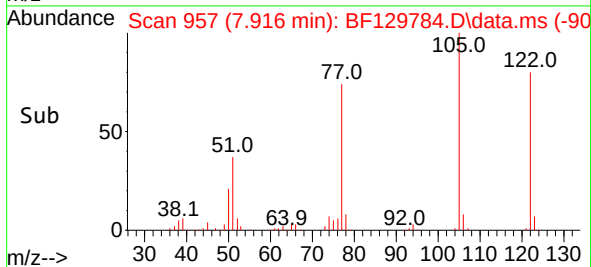
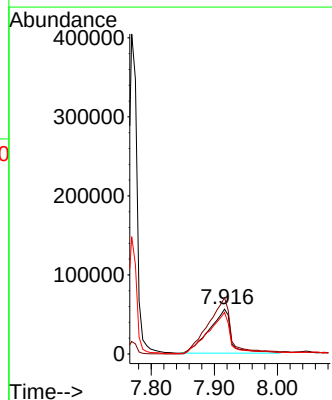
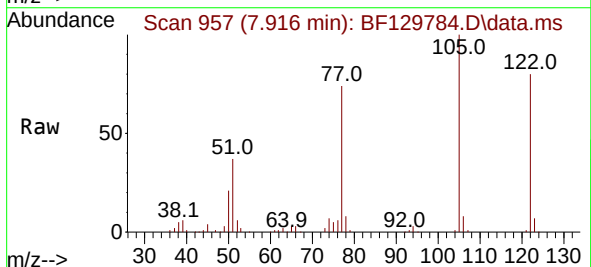
Instrument :
BNA_F
ClientSampleId :
PB147018BS

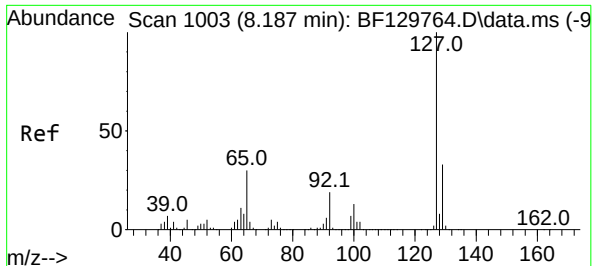
Tgt Ion:128 Resp: 1282249
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 36.717 ng
RT: 7.916 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:122 Resp: 137413
Ion Ratio Lower Upper
122 100
105 125.4 99.9 139.9
77 93.1 65.9 105.9

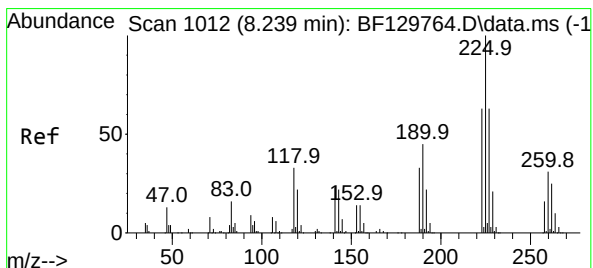
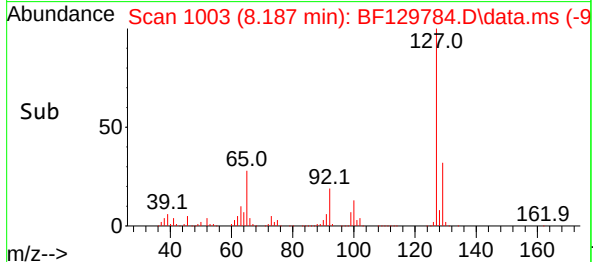
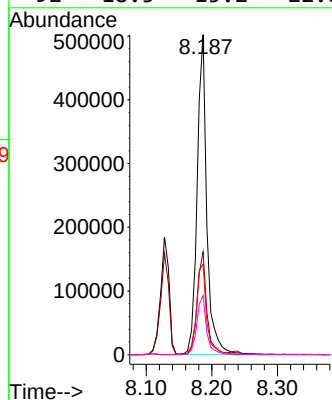
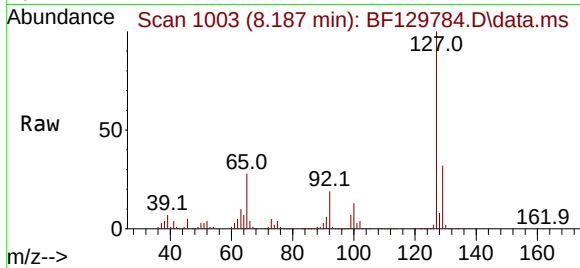




#33
4-Chloroaniline
Concen: 36.736 ng
RT: 8.187 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

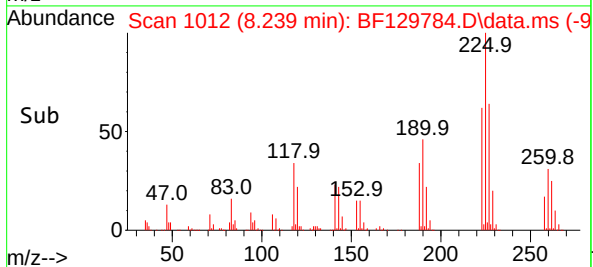
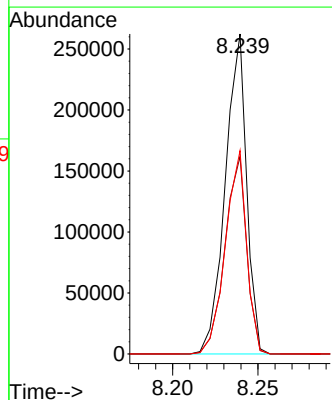
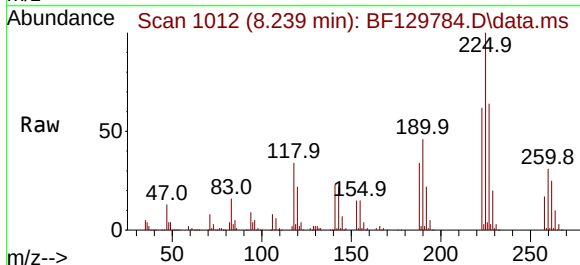
Instrument :
BNA_F
ClientSampleId :
PB147018BS

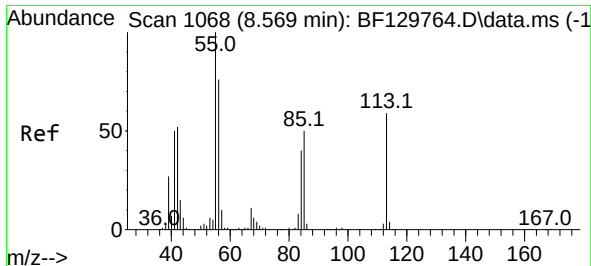
Tgt Ion:	127	Resp:	516295
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.7	40.1
65	28.2	24.2	36.2
92	18.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 35.826 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:	225	Resp:	228552
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.2
227	63.6	50.6	75.8

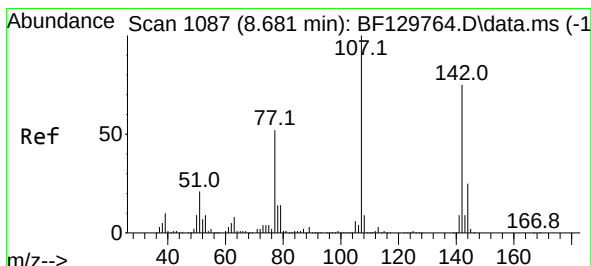
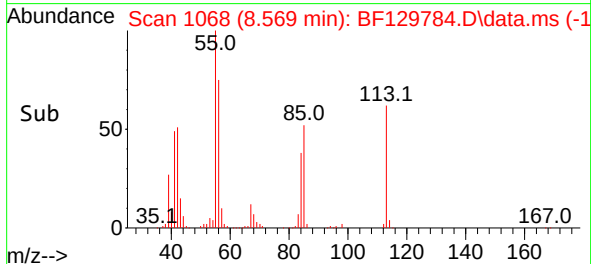
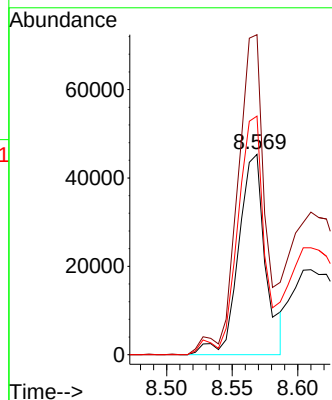
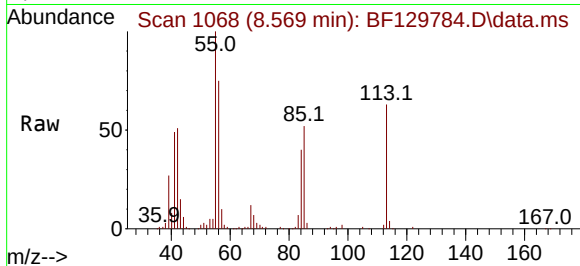




#35
 Caprolactam
 Concen: 20.976 ng
 RT: 8.569 min Scan# 1068
 Delta R.T. 0.000 min
 Lab File: BF129784.D
 Acq: 15 Aug 2022 17:01

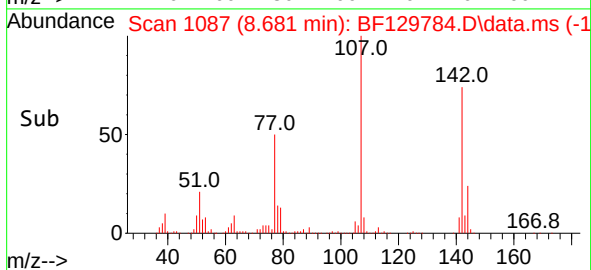
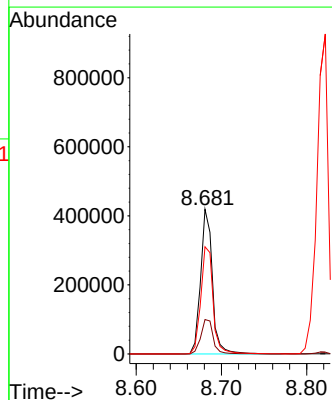
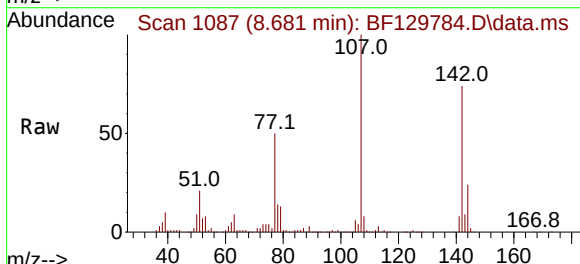
Instrument :
 BNA_F
 ClientSampleId :
 PB147018BS

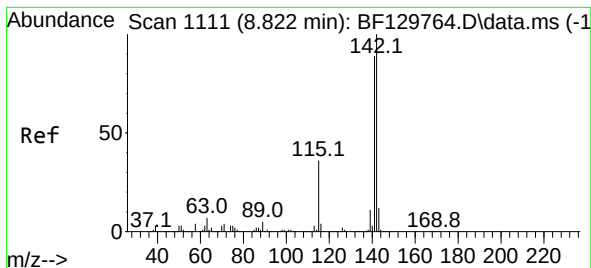
Tgt Ion:113 Resp: 64782
 Ion Ratio Lower Upper
 113 100
 55 159.7 148.8 188.8
 56 119.0 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 37.710 ng
 RT: 8.681 min Scan# 1087
 Delta R.T. 0.000 min
 Lab File: BF129784.D
 Acq: 15 Aug 2022 17:01

Tgt Ion:107 Resp: 404025
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.9 29.9
 142 74.1 60.2 90.4

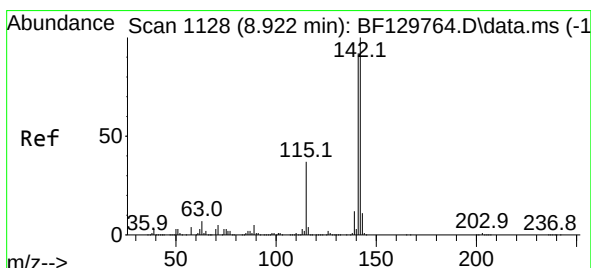
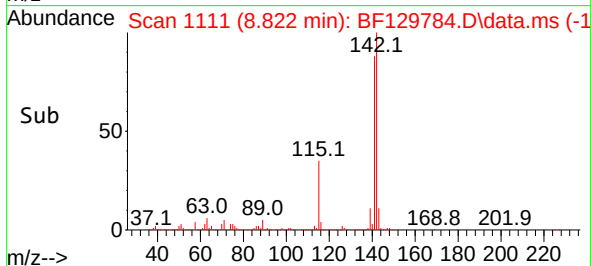
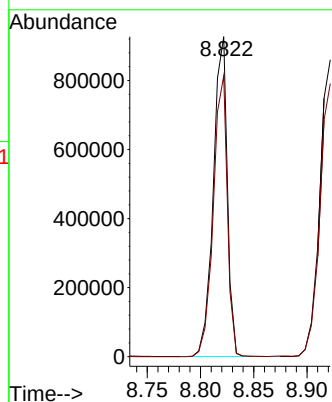
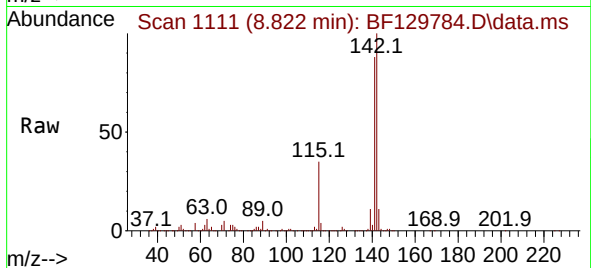




#37
2-Methylnaphthalene
Concen: 36.204 ng
RT: 8.822 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

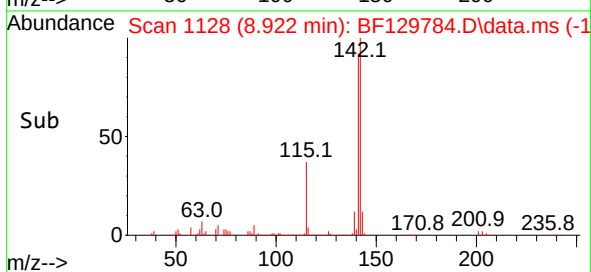
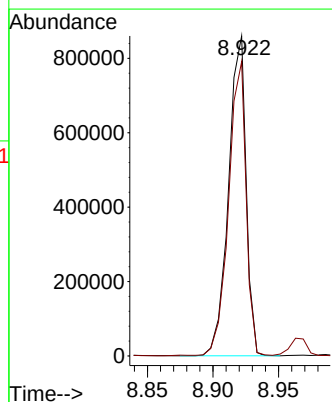
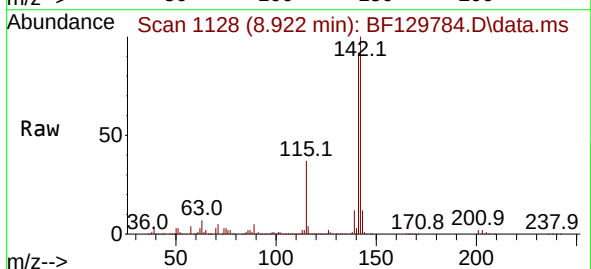
Instrument :
BNA_F
ClientSampleId :
PB147018BS

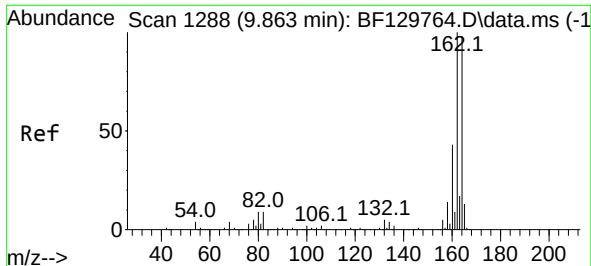
Tgt Ion:142 Resp: 849209
Ion Ratio Lower Upper
142 100
141 87.8 70.9 106.3



#38
1-Methylnaphthalene
Concen: 35.102 ng
RT: 8.922 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

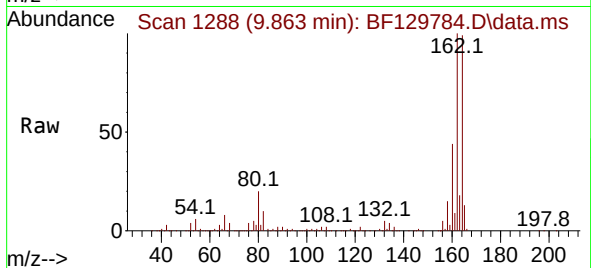
Tgt Ion:142 Resp: 800194
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3



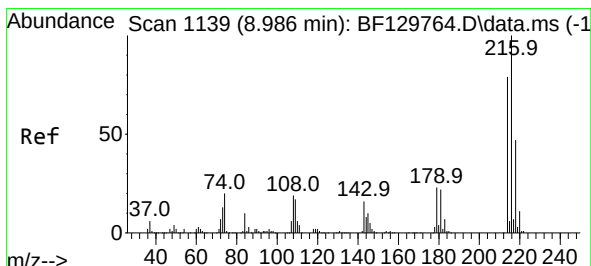
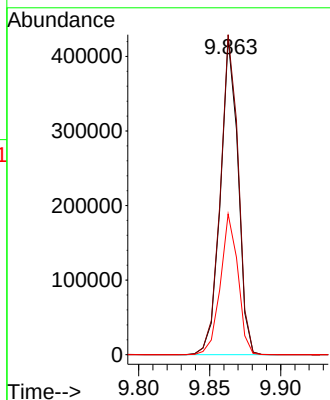
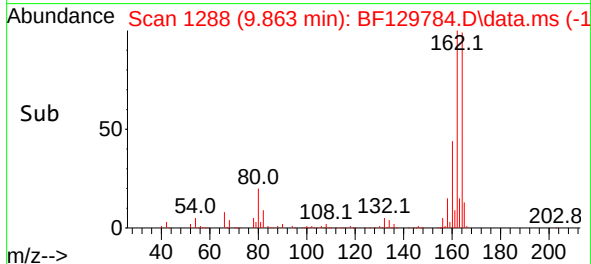


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

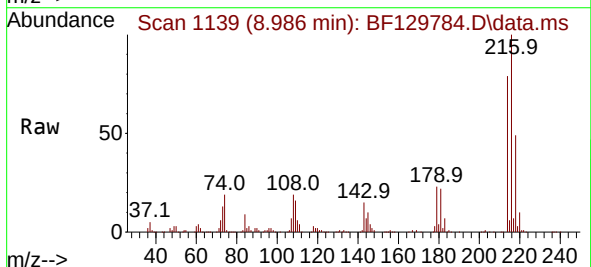
Instrument :
BNA_F
ClientSampleId :
PB147018BS



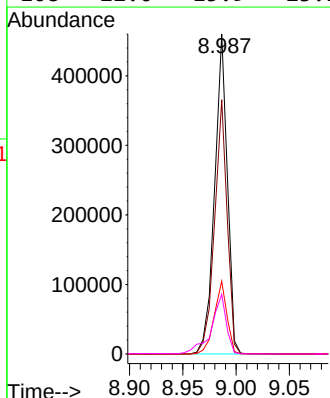
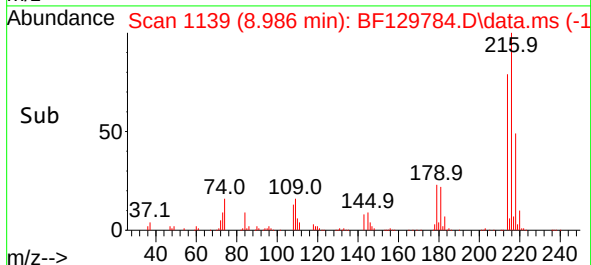
Tgt Ion:164 Resp: 364315
Ion Ratio Lower Upper
164 100
162 101.3 82.0 123.0
160 44.5 35.4 53.0

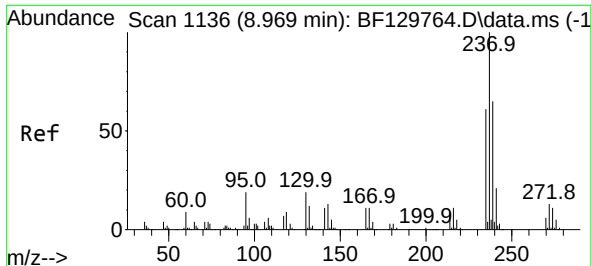


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.633 ng
RT: 8.986 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01



Tgt Ion:216 Resp: 381327
Ion Ratio Lower Upper
216 100
214 78.6 63.1 94.7
179 22.7 18.1 27.1
108 22.0 15.9 23.9

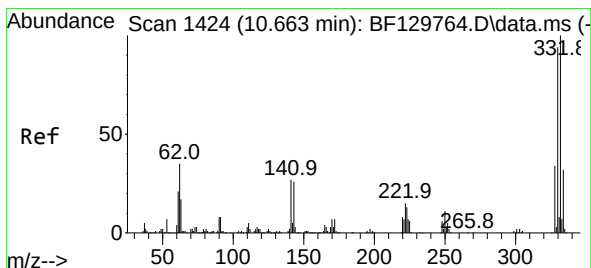
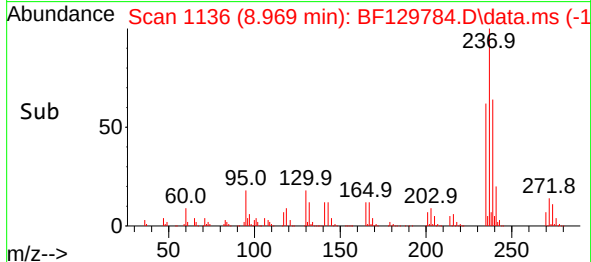
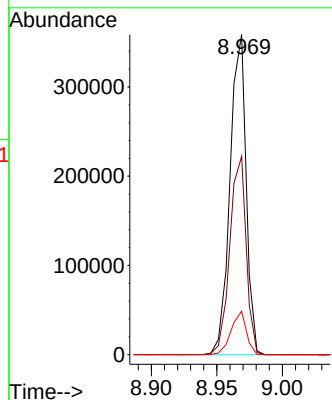
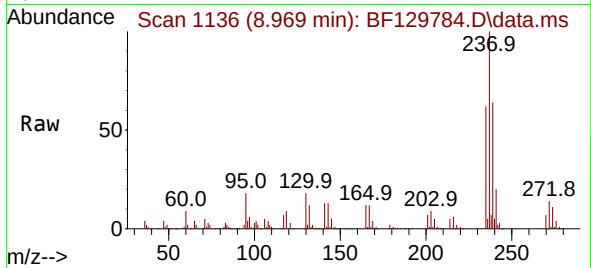




#41
Hexachlorocyclopentadiene
Concen: 88.028 ng
RT: 8.969 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

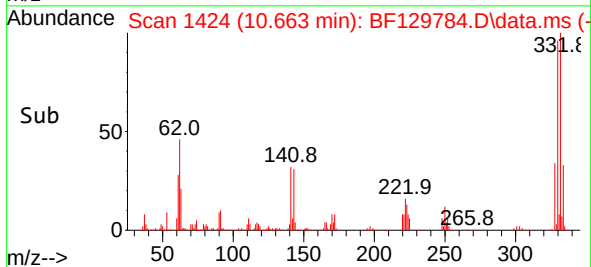
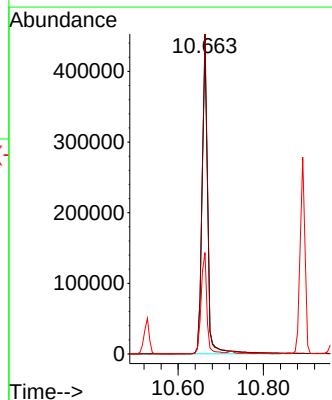
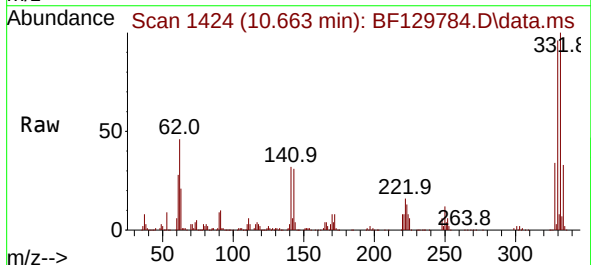
Instrument :
BNA_F
ClientSampleId :
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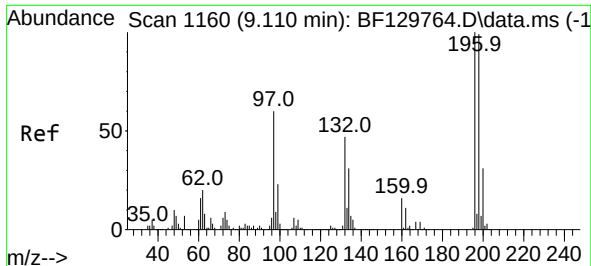
Tgt Ion:237 Resp: 306858
Ion Ratio Lower Upper
237 100
235 62.0 41.5 81.5
272 13.6 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 109.888 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:330 Resp: 401799
Ion Ratio Lower Upper
330 100
332 103.3 82.6 124.0
141 33.5 27.6 41.4

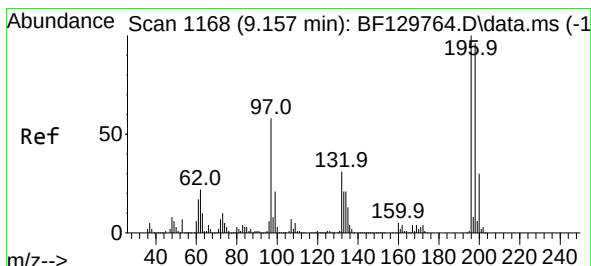
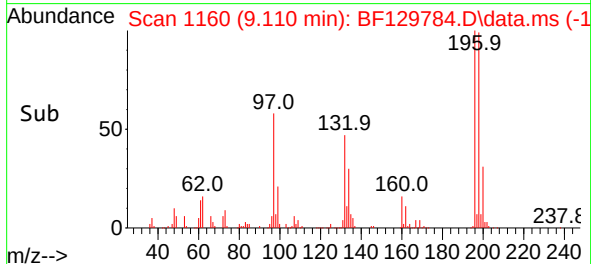
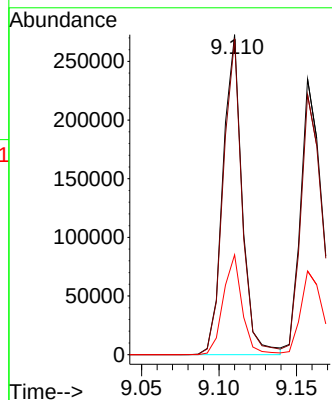
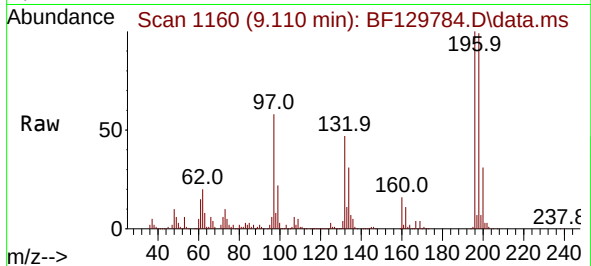




#43
2,4,6-Trichlorophenol
Concen: 35.705 ng
RT: 9.110 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

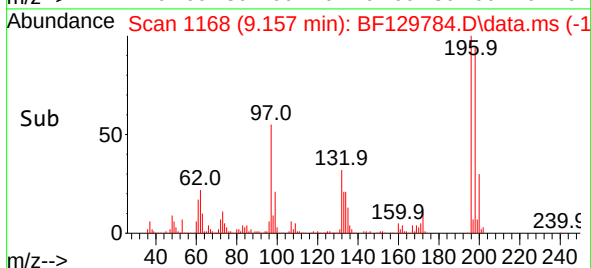
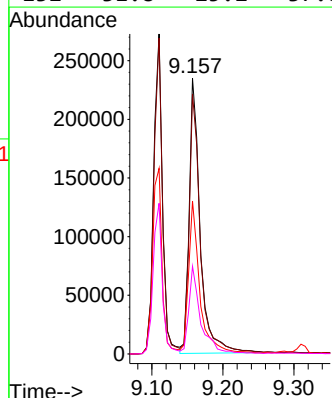
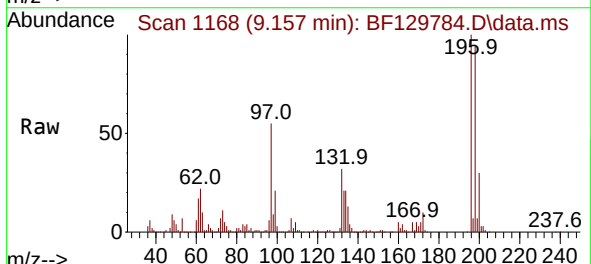
Instrument :
BNA_F
ClientSampleId :
PB147018BS

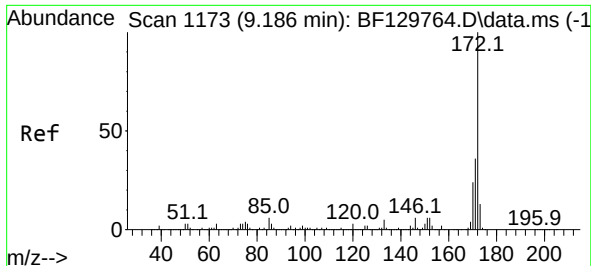
Tgt Ion:196 Resp: 235065
Ion Ratio Lower Upper
196 100
198 98.7 79.0 118.4
200 31.2 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 35.864 ng
RT: 9.157 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:196 Resp: 254023
Ion Ratio Lower Upper
196 100
198 94.3 76.4 114.6
97 55.5 46.5 69.7
132 31.8 25.2 37.8

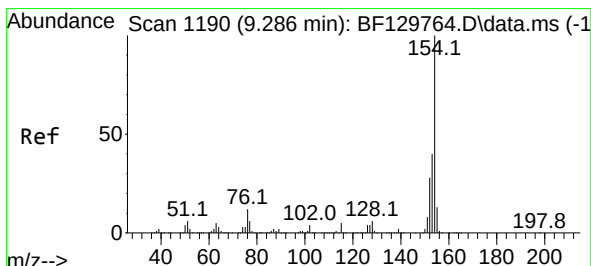
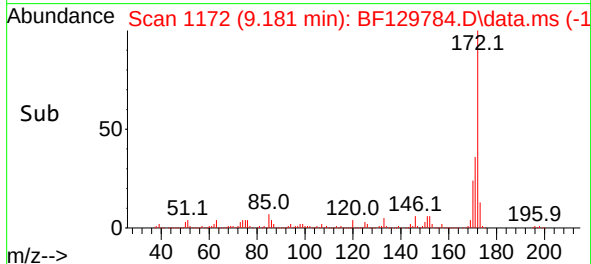
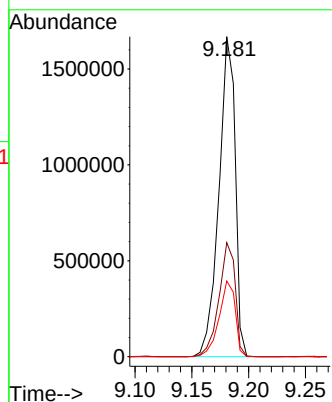
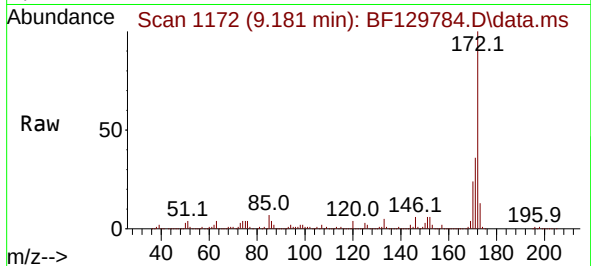




#45
2-Fluorobiphenyl
Concen: 69.684 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

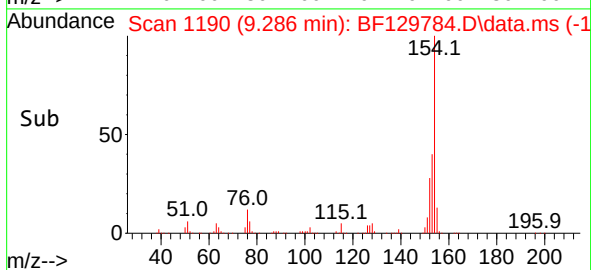
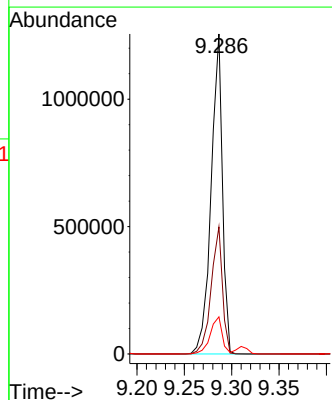
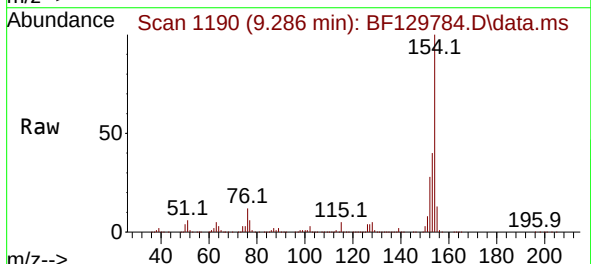
Instrument :
BNA_F
ClientSampleId :
PB147018BS

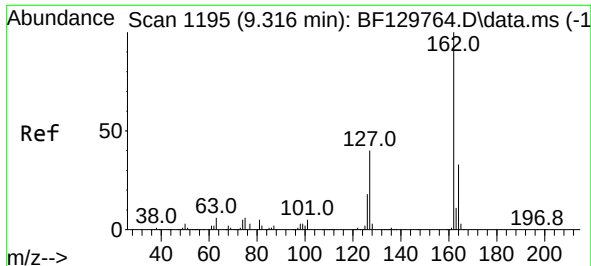
Tgt Ion:172 Resp: 1671498
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.6 19.1 28.7



#46
1,1'-Biphenyl
Concen: 37.419 ng
RT: 9.286 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:154 Resp: 1035640
Ion Ratio Lower Upper
154 100
153 39.7 20.2 60.2
76 11.6 0.0 32.1

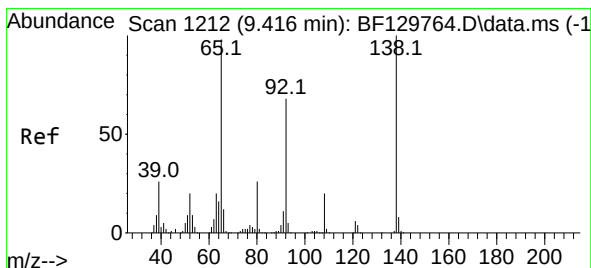
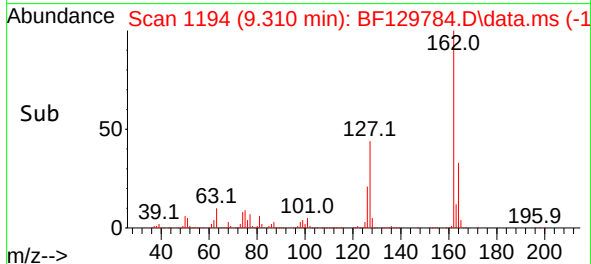
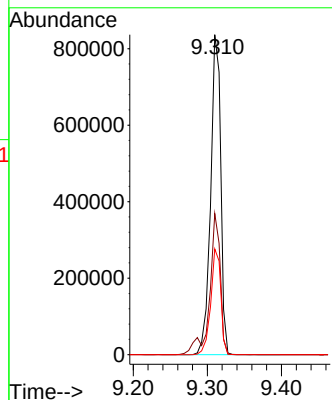
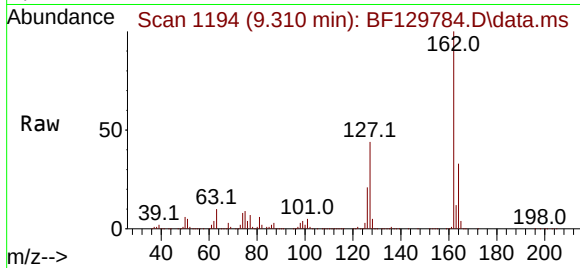




#47
2-Chloronaphthalene
Concen: 36.150 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

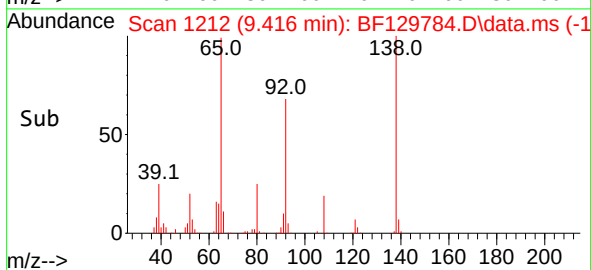
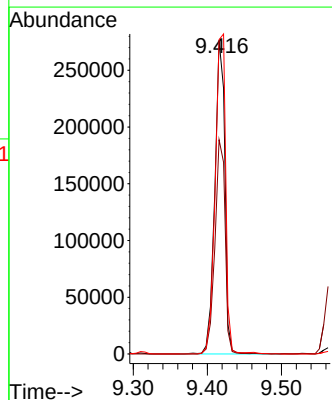
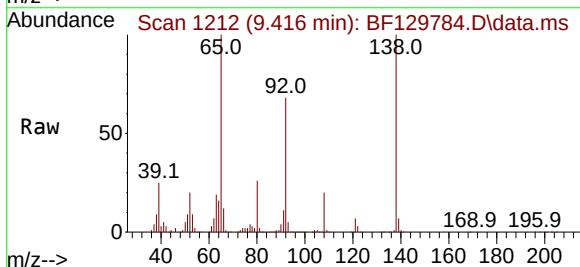
Instrument :
BNA_F
ClientSampleId :
PB147018BS

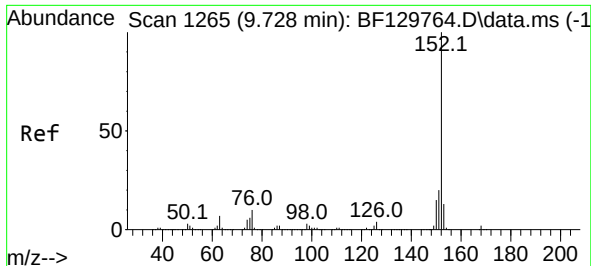
Tgt Ion:162 Resp: 791634
Ion Ratio Lower Upper
162 100
127 44.1 33.1 49.7
164 33.1 26.7 40.1



#48
2-Nitroaniline
Concen: 37.588 ng
RT: 9.416 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion: 65 Resp: 260127
Ion Ratio Lower Upper
65 100
92 68.4 55.0 82.4
138 100.2 81.3 121.9

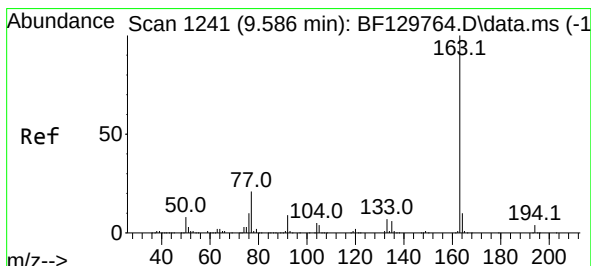
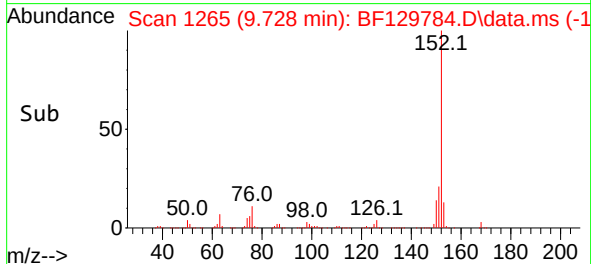
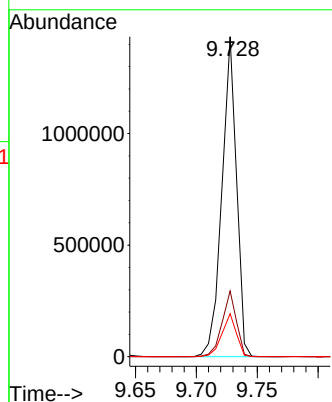
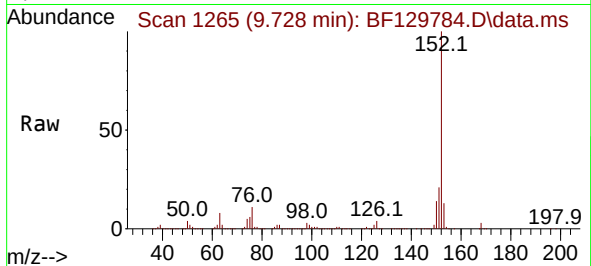




#49
Acenaphthylene
Concen: 36.153 ng
RT: 9.728 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

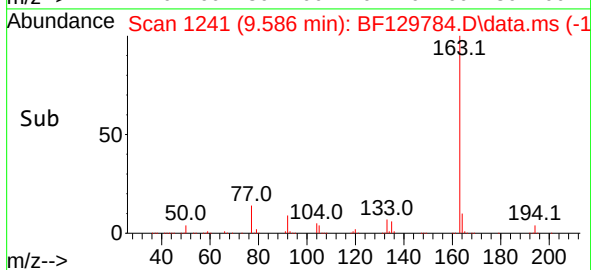
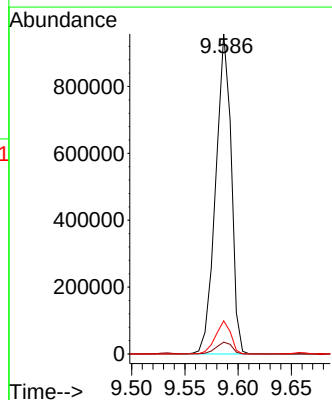
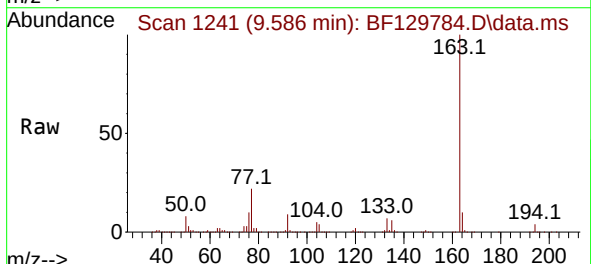
Instrument :
BNA_F
ClientSampleId :
PB147018BS

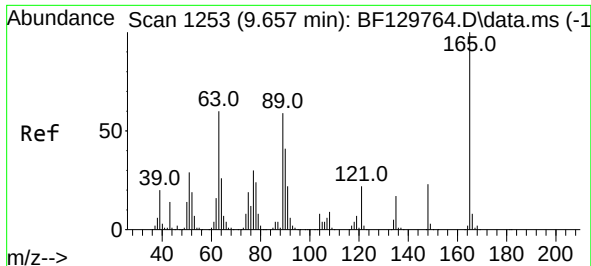
Tgt Ion:152 Resp: 1200542
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.4 10.6 16.0



#50
Dimethylphthalate
Concen: 37.092 ng
RT: 9.586 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:163 Resp: 968708
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 38.246 ng

RT: 9.657 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

Instrument :

BNA_F

ClientSampleId :

PB147018BS

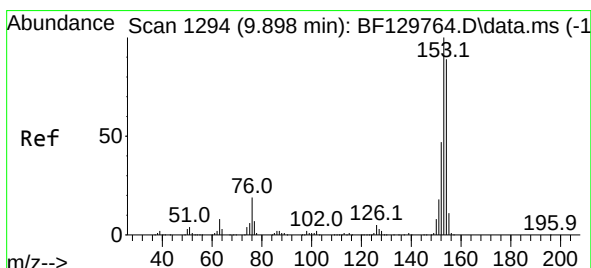
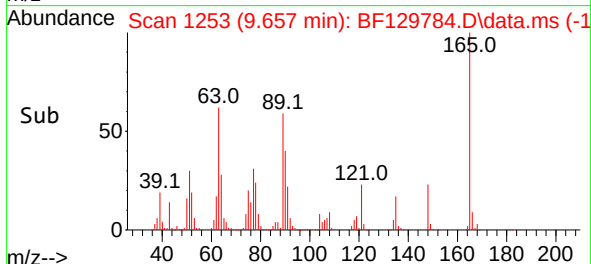
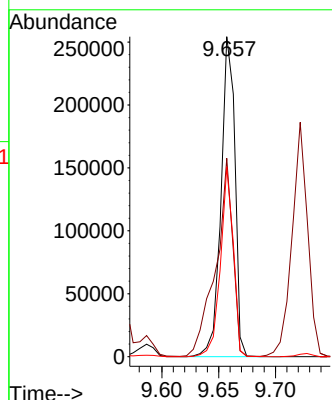
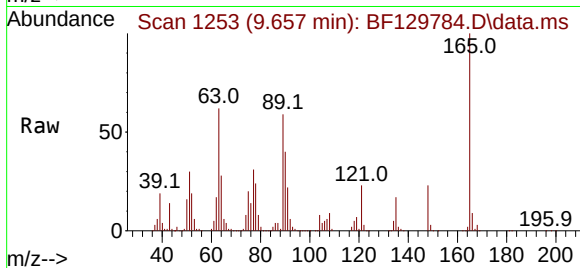
Tgt Ion:165 Resp: 216676

Ion Ratio Lower Upper

165 100

63 62.0 47.8 71.8

89 59.4 47.2 70.8



#52

Acenaphthene

Concen: 36.124 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

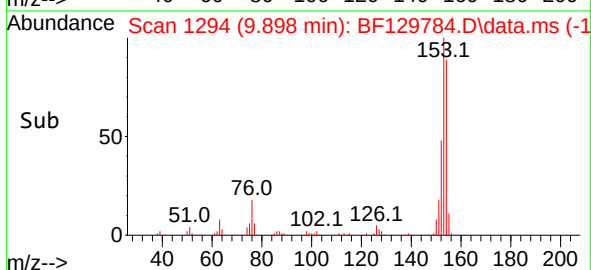
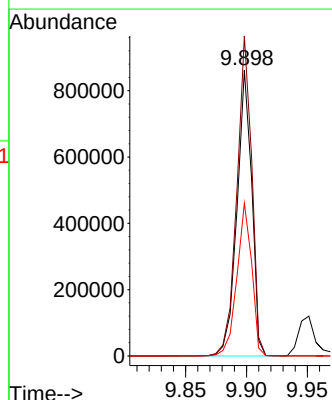
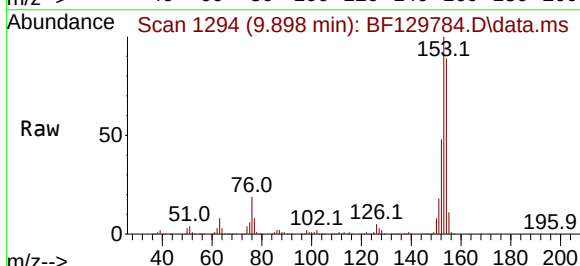
Tgt Ion:154 Resp: 727798

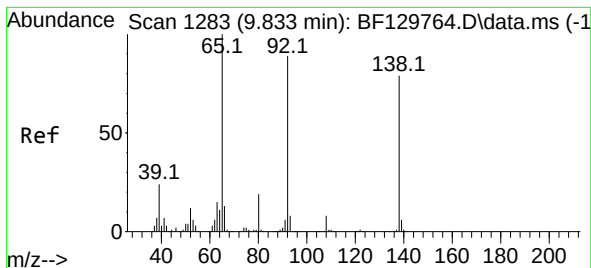
Ion Ratio Lower Upper

154 100

153 112.0 89.8 134.6

152 53.5 42.1 63.1





#53

3-Nitroaniline

Concen: 31.230 ng

RT: 9.834 min Scan# 11

Delta R.T. 0.001 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

Instrument :

BNA_F

ClientSampleId :

PB147018BS

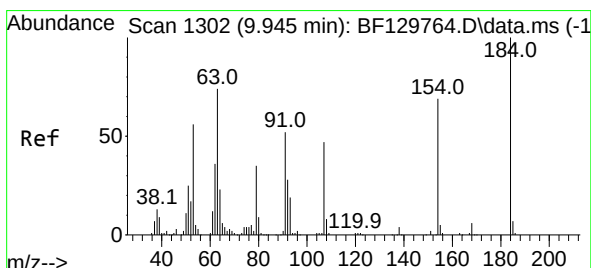
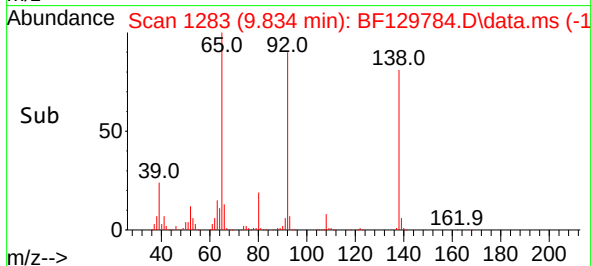
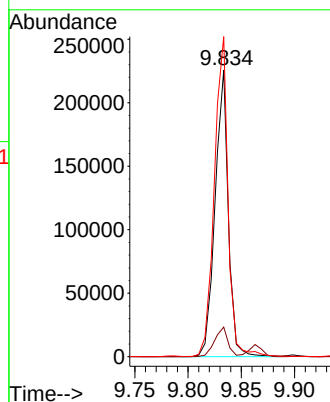
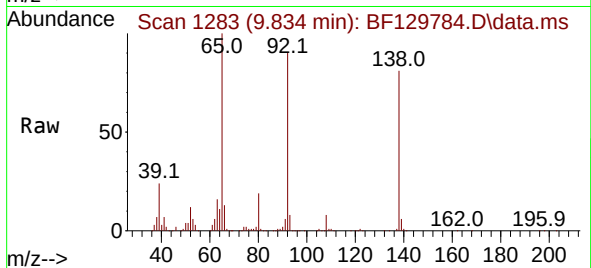
Tgt Ion:138 Resp: 195663

Ion Ratio Lower Upper

138 100

108 10.3 8.4 12.6

92 111.6 89.8 134.8



#54

2,4-Dinitrophenol

Concen: 75.618 ng

RT: 9.951 min Scan# 1303

Delta R.T. 0.006 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

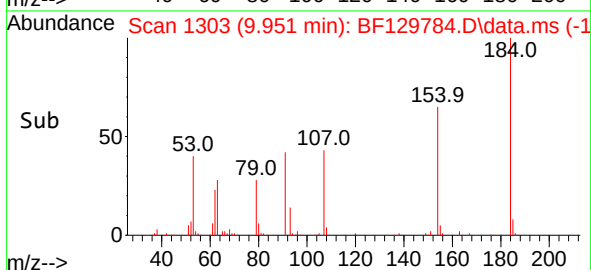
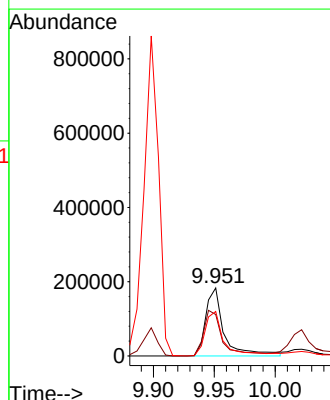
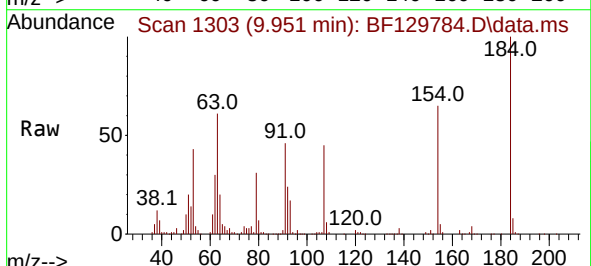
Tgt Ion:184 Resp: 192864

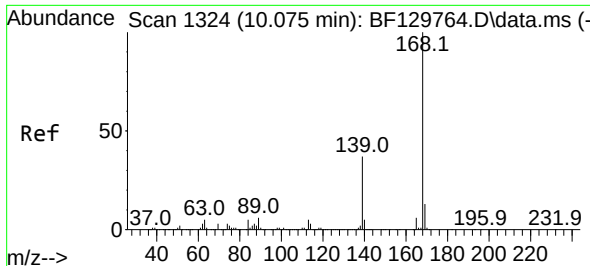
Ion Ratio Lower Upper

184 100

63 61.0 59.6 89.4

154 65.5 55.3 82.9

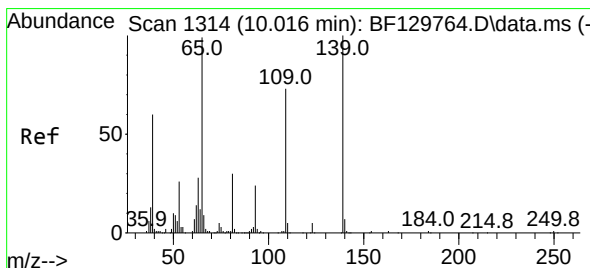
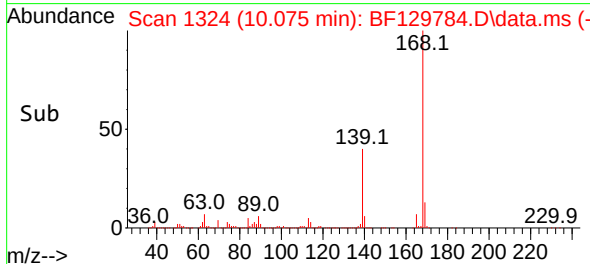
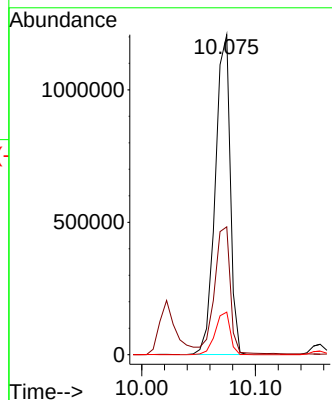
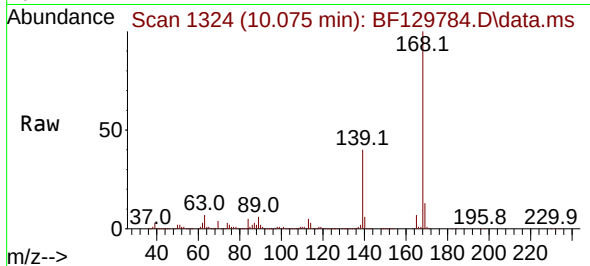




#55
Dibenzofuran
Concen: 36.439 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

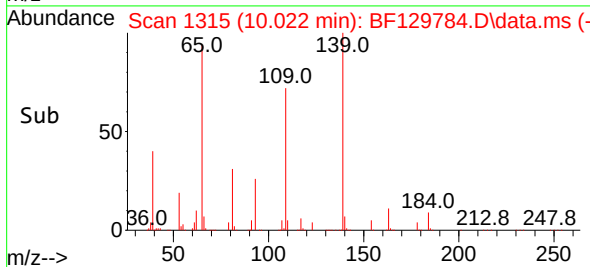
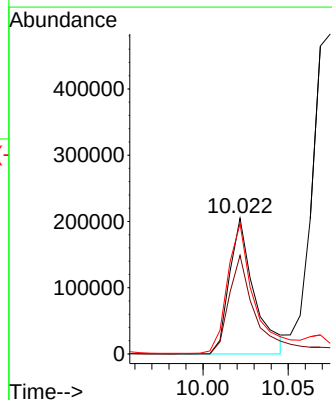
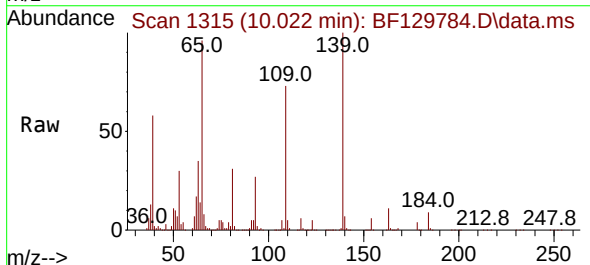
Instrument :
BNA_F
ClientSampleId :
PB147018BS

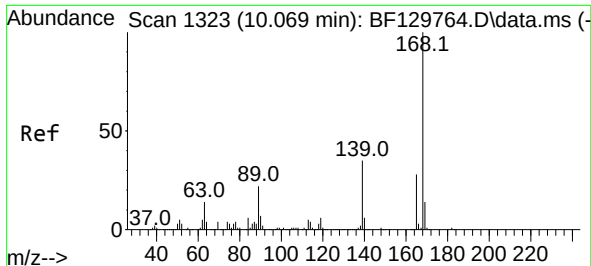
Tgt Ion:168 Resp: 1102916
Ion Ratio Lower Upper
168 100
139 40.0 31.3 46.9
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 74.334 ng
RT: 10.022 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:139 Resp: 207188
Ion Ratio Lower Upper
139 100
109 72.6 52.9 92.9
65 95.9 79.5 119.5

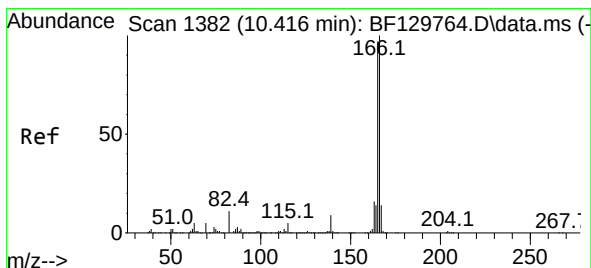
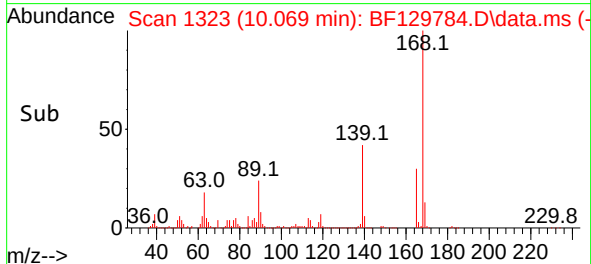
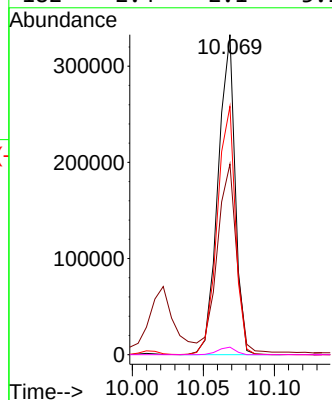
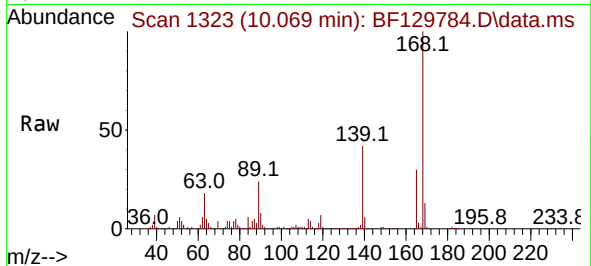




#57
2,4-Dinitrotoluene
Concen: 37.854 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

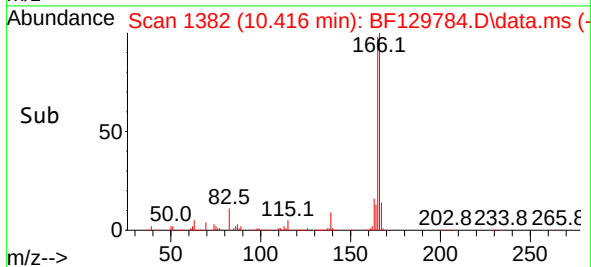
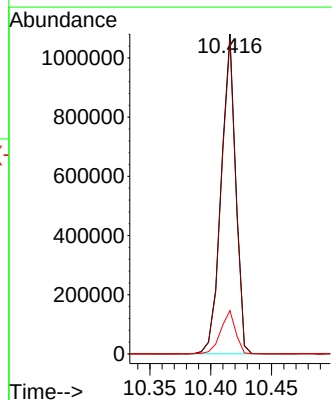
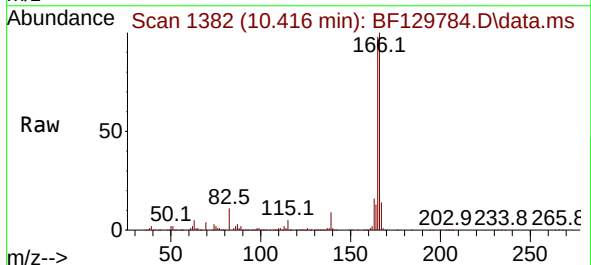
Instrument :
BNA_F
ClientSampleId :
PB147018BS

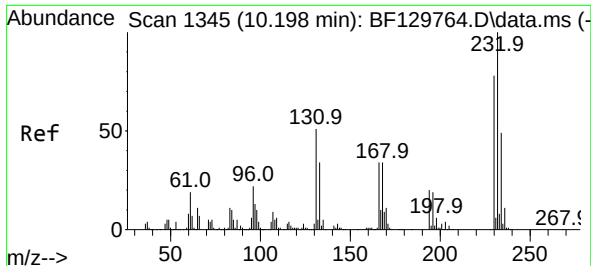
Tgt Ion:165 Resp: 278386
Ion Ratio Lower Upper
165 100
63 59.5 48.4 72.6
89 77.6 62.3 93.5
182 2.4 2.1 3.1



#58
Fluorene
Concen: 35.616 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:166 Resp: 900119
Ion Ratio Lower Upper
166 100
165 98.3 77.9 116.9
167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.518 ng

RT: 10.198 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF129784.D

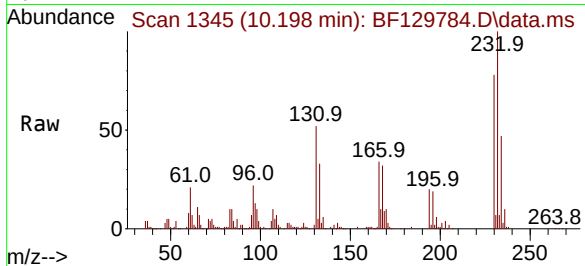
Acq: 15 Aug 2022 17:01

Instrument :

BNA_F

ClientSampleId :

PB147018BS



Tgt Ion:232 Resp: 195017

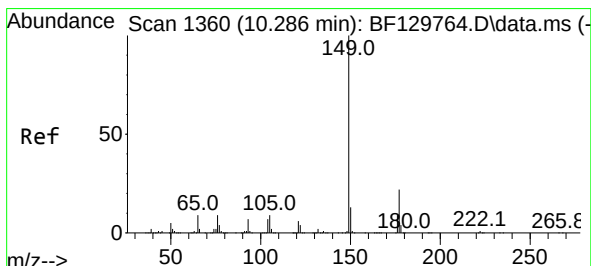
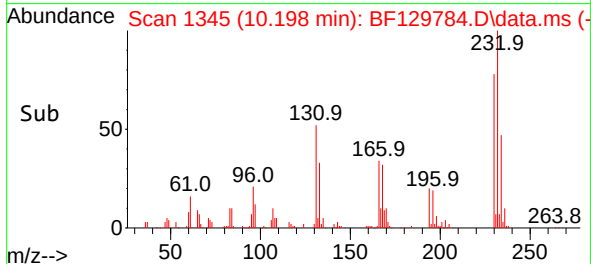
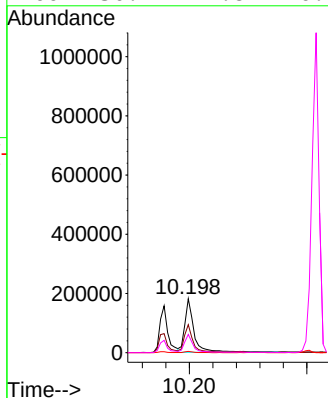
Ion Ratio Lower Upper

232 100

131 46.9 29.9 44.9#

130 2.6 1.5 2.3#

166 30.4 17.8 26.8#



#60

Diethylphthalate

Concen: 36.641 ng

RT: 10.286 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

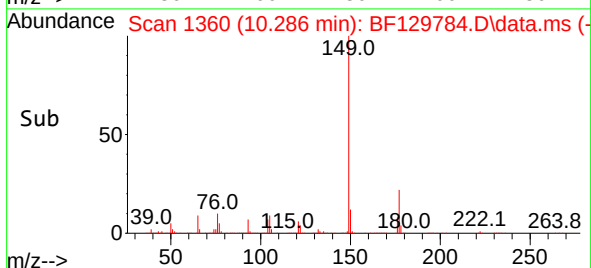
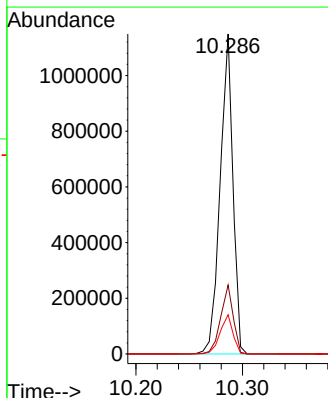
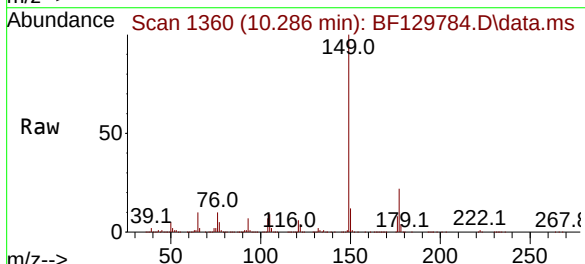
Tgt Ion:149 Resp: 954160

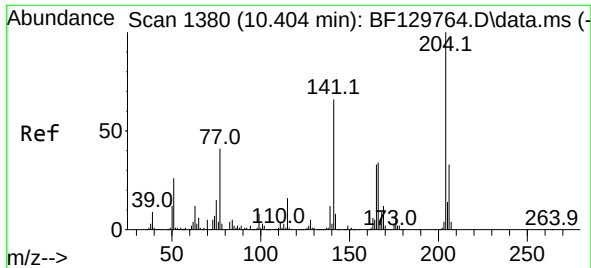
Ion Ratio Lower Upper

149 100

177 21.5 17.7 26.5

150 12.3 10.1 15.1

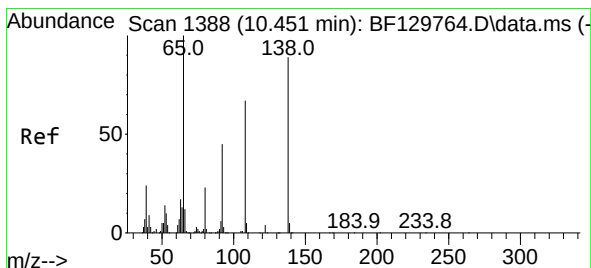
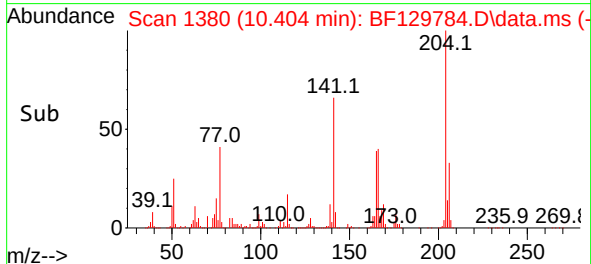
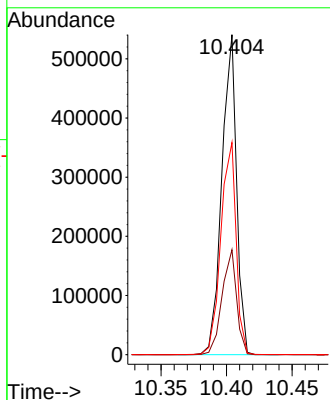
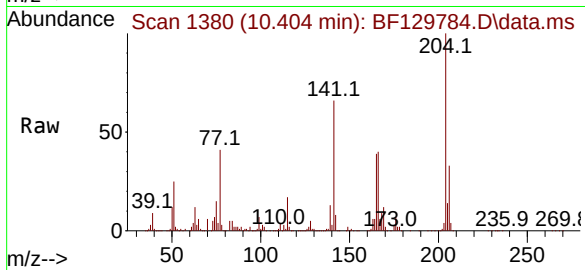




#61
4-Chlorophenyl-phenylether
Concen: 37.152 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

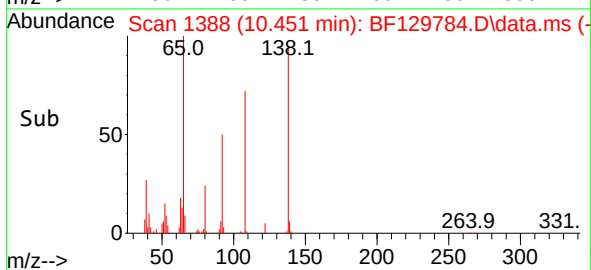
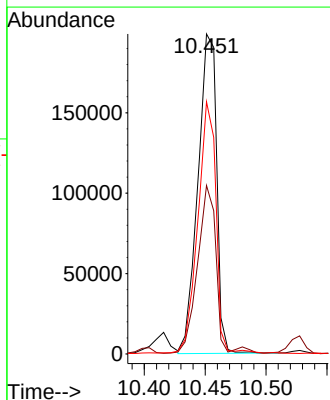
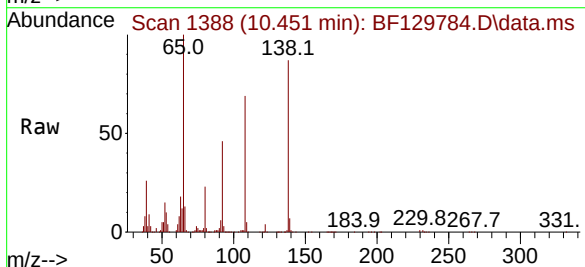
Instrument :
BNA_F
ClientSampleId :
PB147018BS

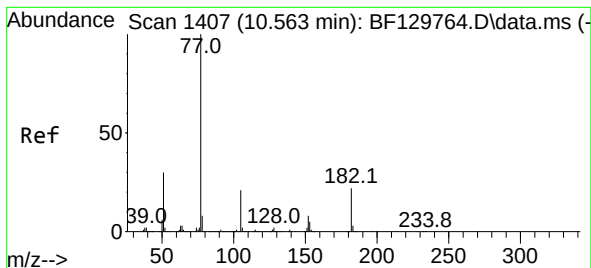
Tgt Ion:204 Resp: 421358
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 66.3 52.6 79.0



#62
4-Nitroaniline
Concen: 33.675 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:138 Resp: 212842
Ion Ratio Lower Upper
138 100
92 52.6 30.3 70.3
108 78.8 55.7 95.7





#63

Azobenzene

Concen: 36.122 ng

RT: 10.563 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

Instrument :

BNA_F

ClientSampleId :

PB147018BS

Tgt Ion: 77 Resp: 899123

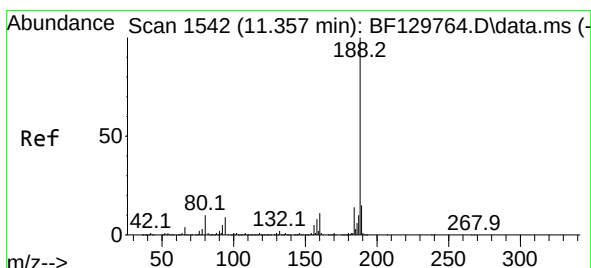
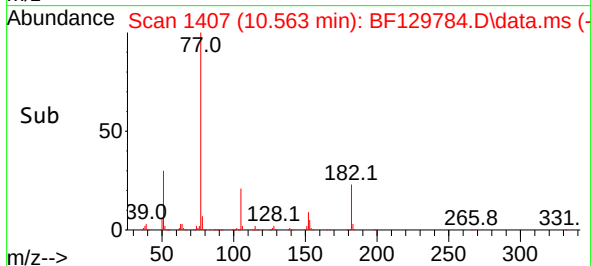
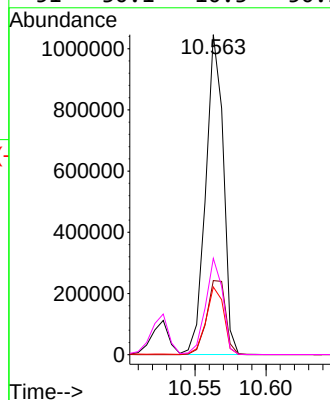
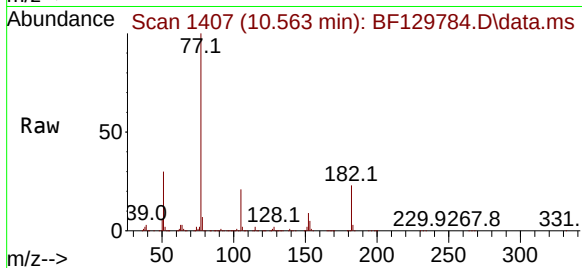
Ion Ratio Lower Upper

77 100

182 23.1 2.2 42.2

105 21.1 0.8 40.8

51 30.1 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

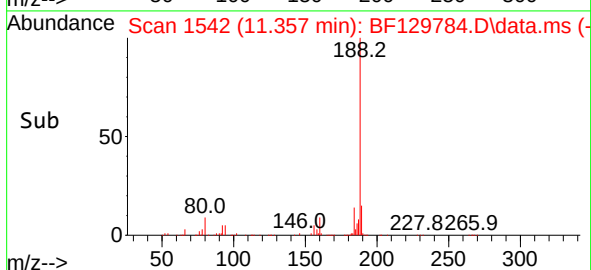
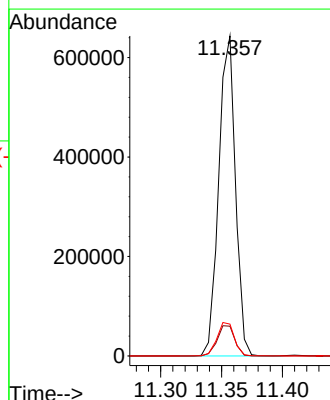
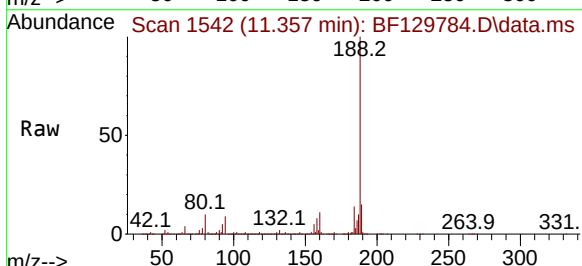
Tgt Ion: 188 Resp: 615237

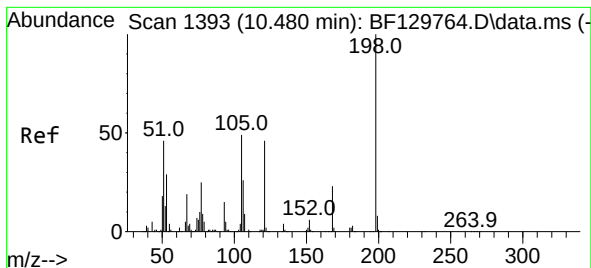
Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 9.9 7.9 11.9

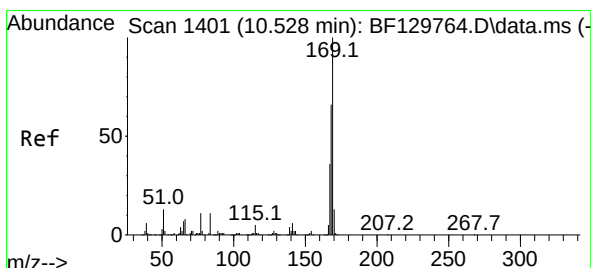
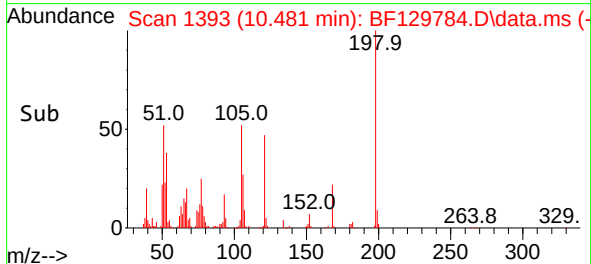
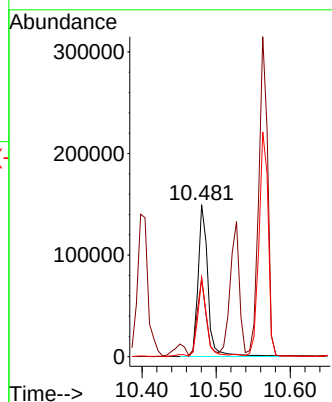
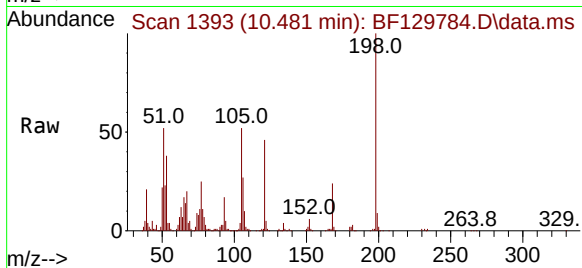




#65
4,6-Dinitro-2-methylphenol
Concen: 37.968 ng
RT: 10.481 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

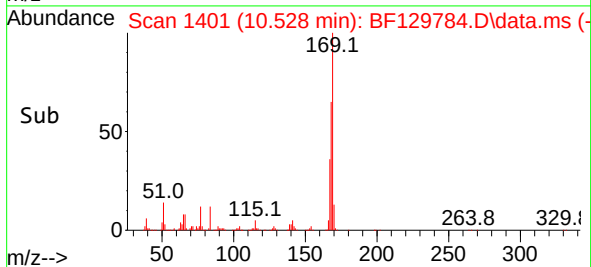
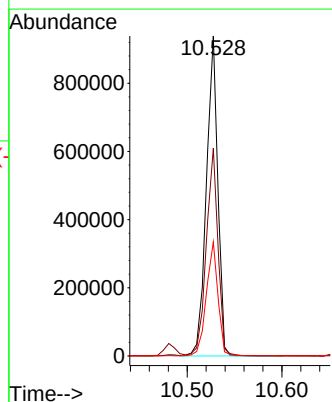
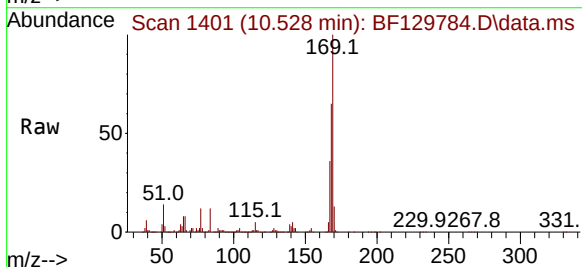
Instrument :
BNA_F
ClientSampleId :
PB147018BS

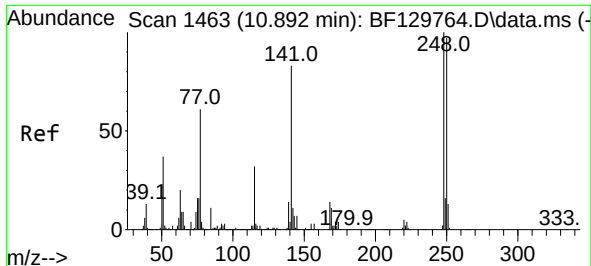
Tgt Ion:198 Resp: 137133
Ion Ratio Lower Upper
198 100
51 51.6 29.4 69.4
105 51.6 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 37.819 ng
RT: 10.528 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:169 Resp: 785328
Ion Ratio Lower Upper
169 100
168 64.9 53.4 80.2
167 35.7 29.1 43.7

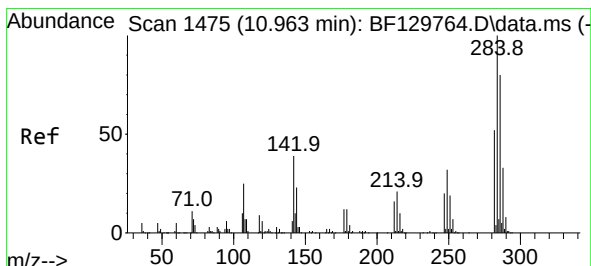
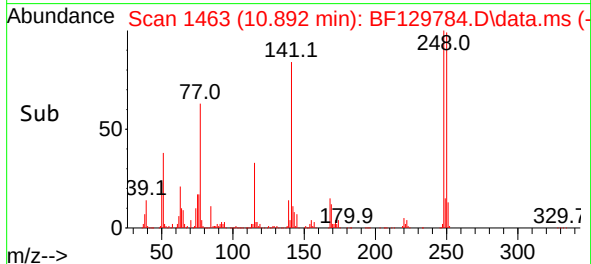
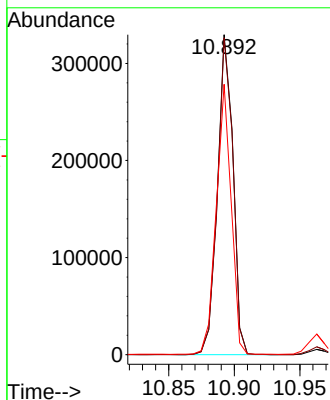
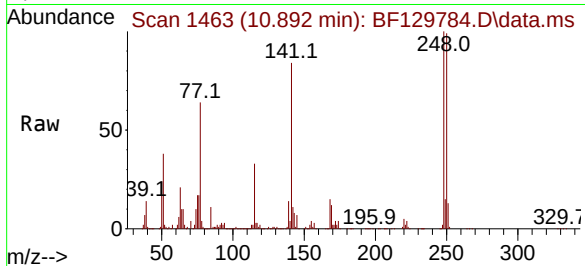




#67
4-Bromophenyl-phenylether
Concen: 37.539 ng
RT: 10.892 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

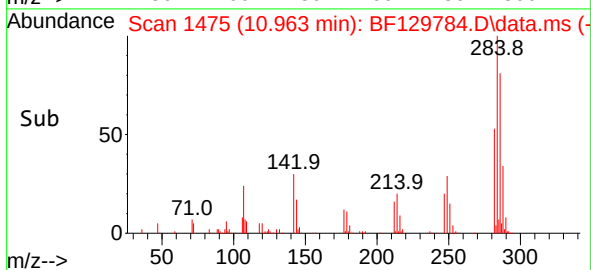
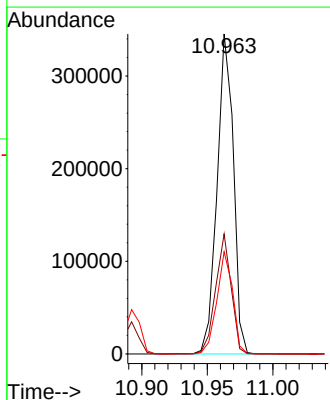
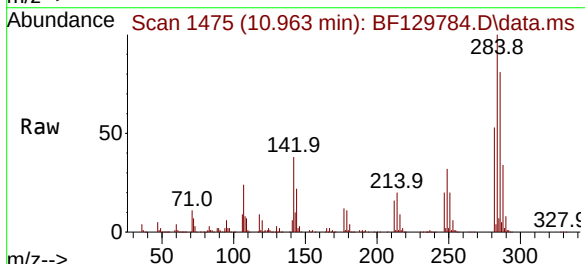
Instrument :
BNA_F
ClientSampleId :
PB147018BS

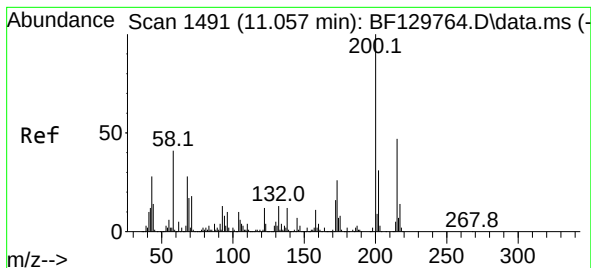
Tgt Ion:248 Resp: 270508
Ion Ratio Lower Upper
248 100
250 99.0 77.8 116.6
141 84.5 66.2 99.2



#68
Hexachlorobenzene
Concen: 38.181 ng
RT: 10.963 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:284 Resp: 298035
Ion Ratio Lower Upper
284 100
142 37.5 31.4 47.0
249 31.9 25.7 38.5





#69

Atrazine

Concen: 39.536 ng

RT: 11.057 min Scan# 1491

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

Instrument :

BNA_F

ClientSampleId :

PB147018BS

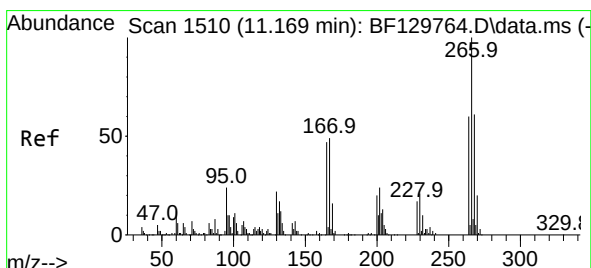
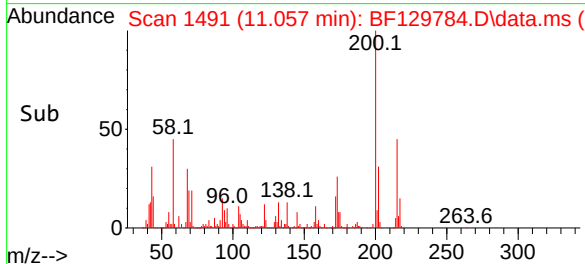
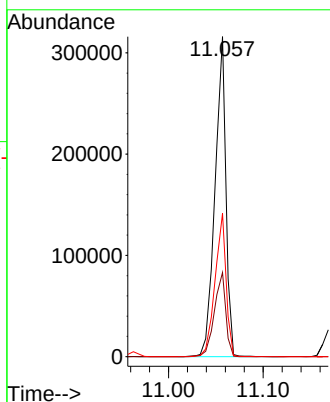
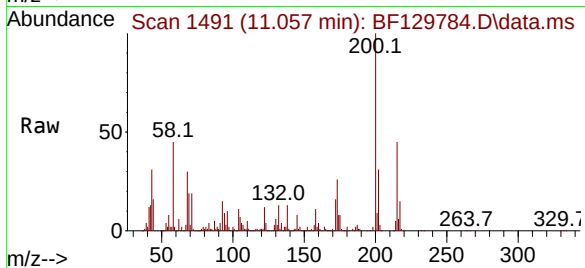
Tgt Ion:200 Resp: 251980

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

215 44.7 27.1 67.1



#70

Pentachlorophenol

Concen: 67.875 ng

RT: 11.169 min Scan# 1510

Delta R.T. -0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

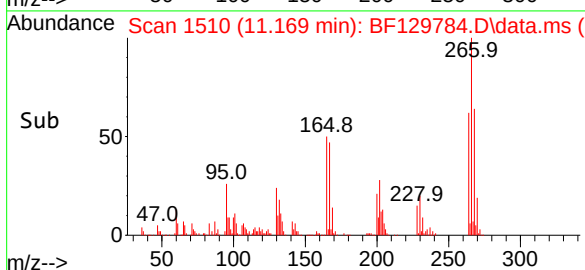
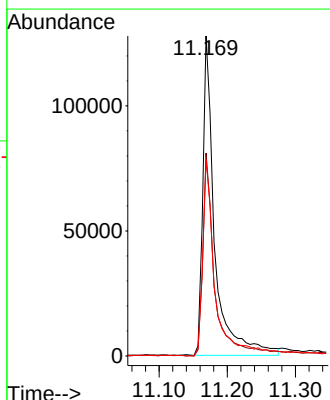
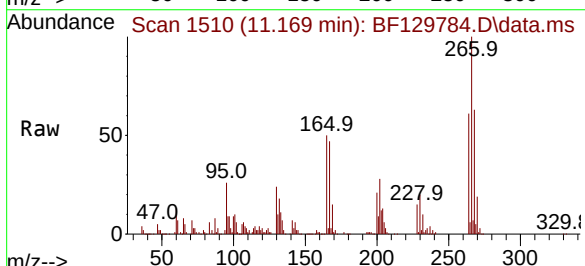
Tgt Ion:266 Resp: 156849

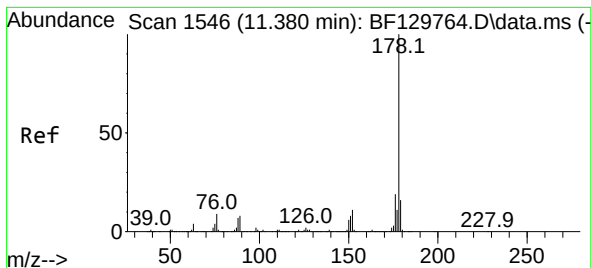
Ion Ratio Lower Upper

266 100

268 63.4 49.0 73.4

264 61.4 47.9 71.9





#71

Phenanthrene

Concen: 37.232 ng

RT: 11.380 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

Instrument :

BNA_F

ClientSampleId :

PB147018BS

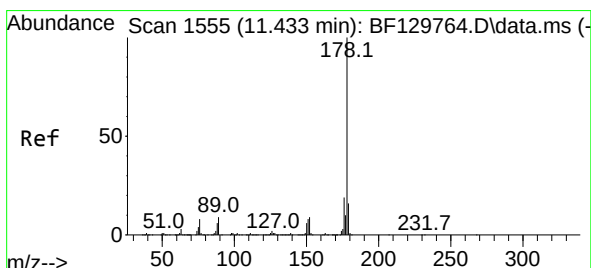
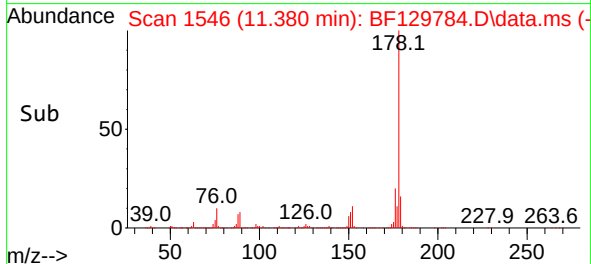
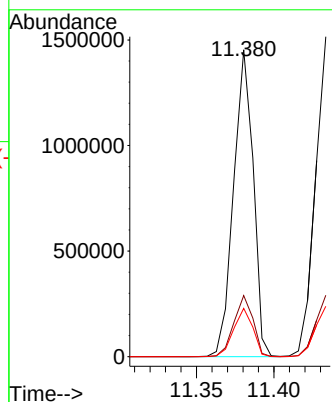
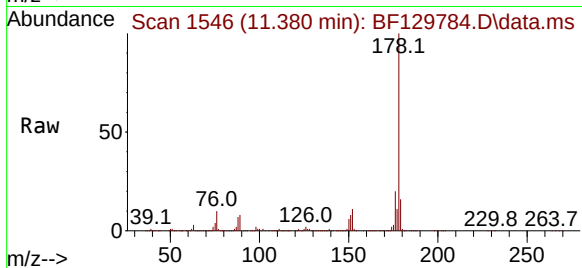
Tgt Ion:178 Resp: 1279311

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

179 15.8 12.5 18.7



#72

Anthracene

Concen: 37.902 ng

RT: 11.433 min Scan# 1555

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

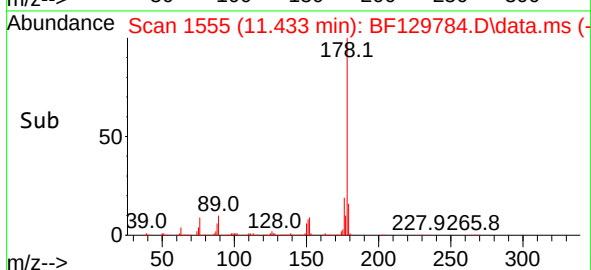
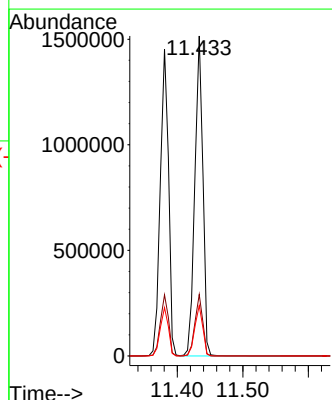
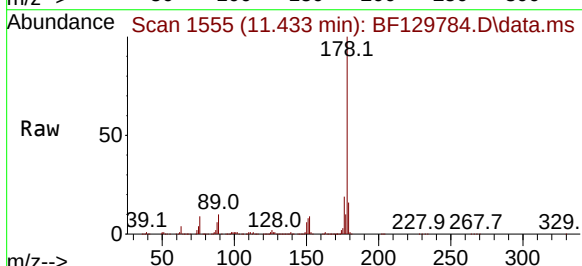
Tgt Ion:178 Resp: 1295115

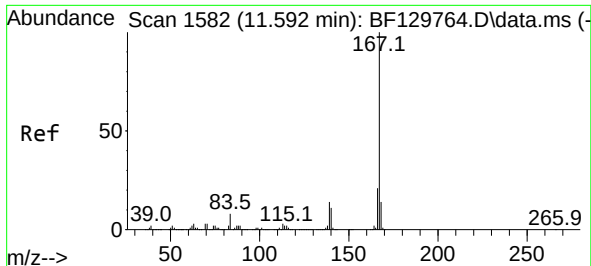
Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

179 15.7 12.6 18.8



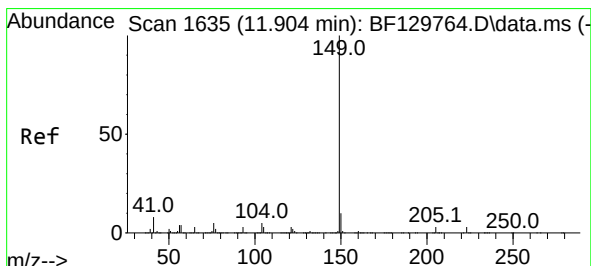
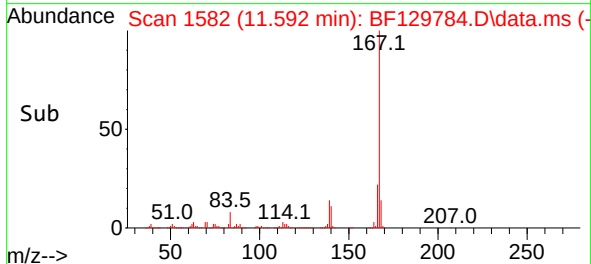
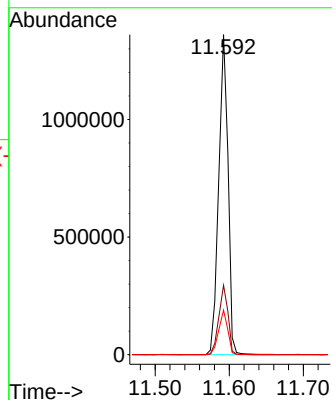
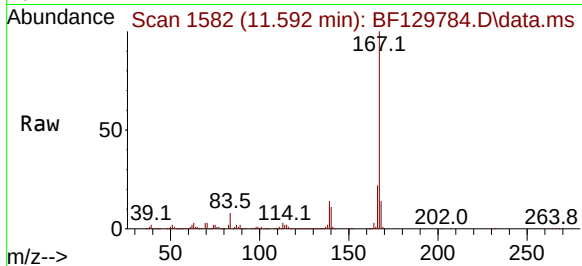


#73
 Carbazole
 Concen: 38.067 ng
 RT: 11.592 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129784.D
 Acq: 15 Aug 2022 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB147018BS

Tgt Ion:167 Resp: 1180781

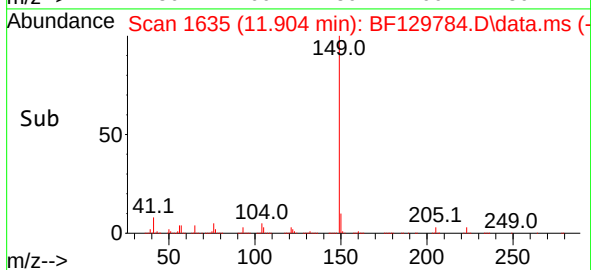
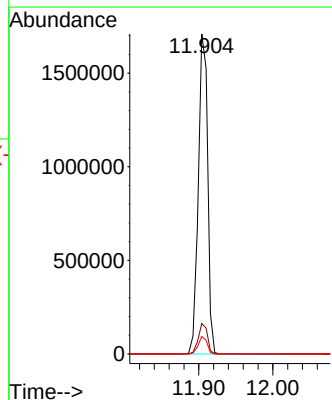
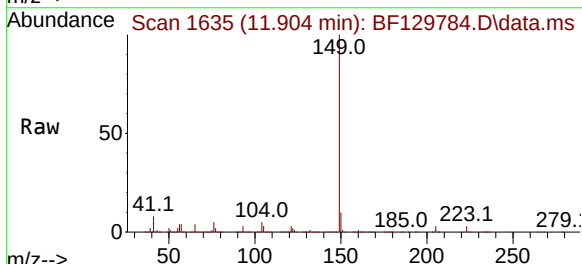
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	13.9	11.0	16.6

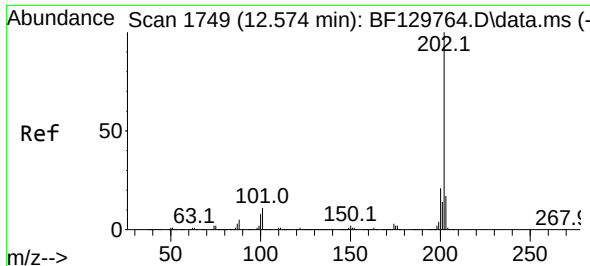


#74
 Di-n-butylphthalate
 Concen: 37.427 ng
 RT: 11.904 min Scan# 1635
 Delta R.T. 0.000 min
 Lab File: BF129784.D
 Acq: 15 Aug 2022 17:01

Tgt Ion:149 Resp: 1494138

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.4	4.2	6.4

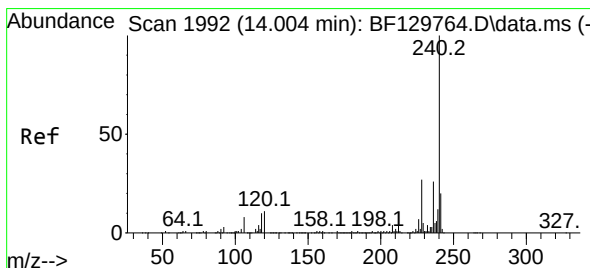
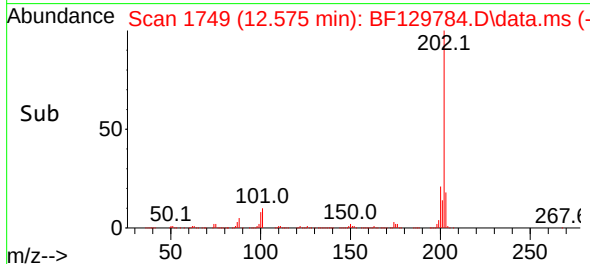
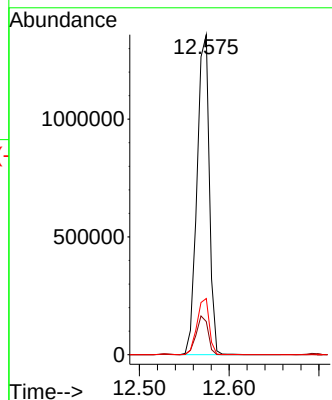
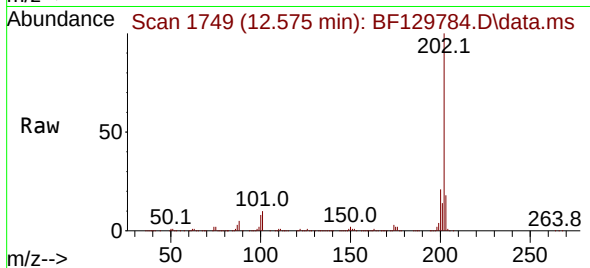




#75
Fluoranthene
Concen: 36.605 ng
RT: 12.575 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

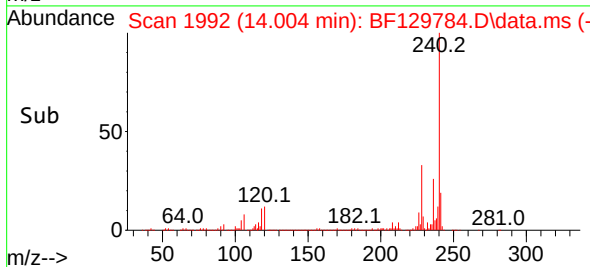
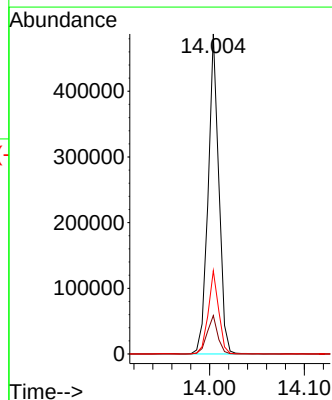
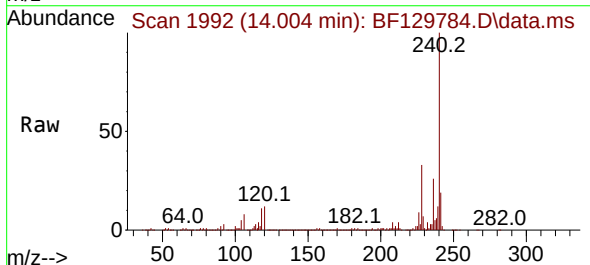
Instrument :
BNA_F
ClientSampleId :
PB147018BS

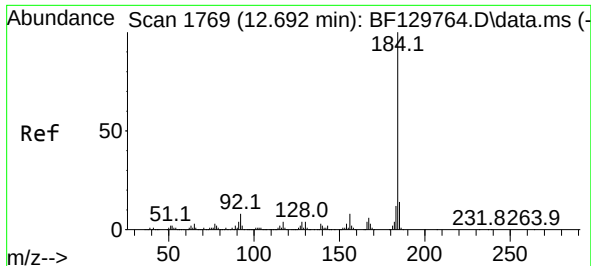
Tgt Ion:202 Resp: 1287066
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.7
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:240 Resp: 380374
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.0 20.7 31.1

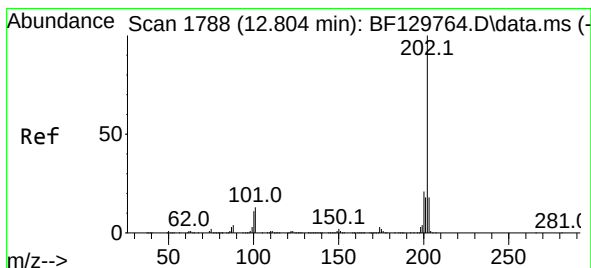
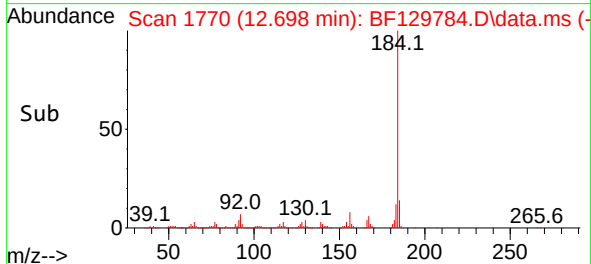
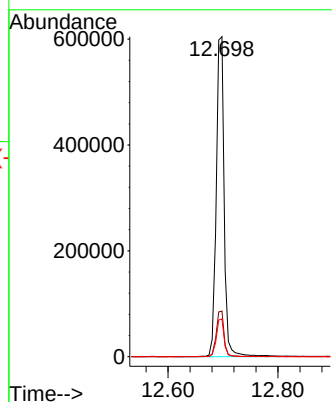
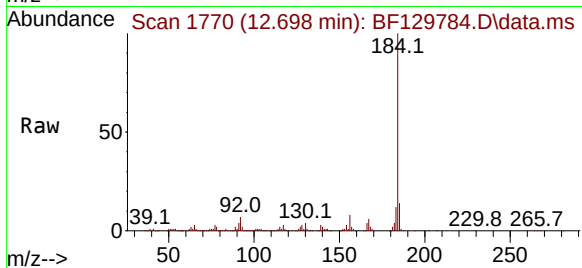




#77
Benzidine
Concen: 69.503 ng
RT: 12.698 min Scan# 1770
Delta R.T. 0.006 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

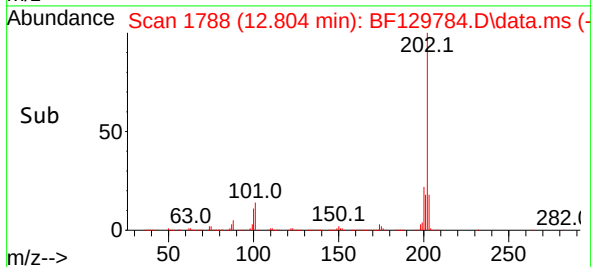
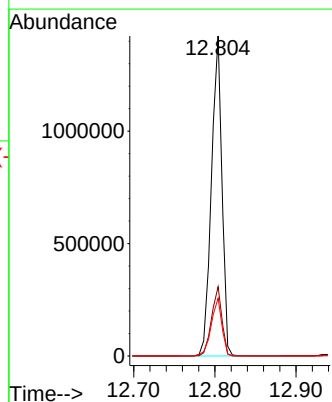
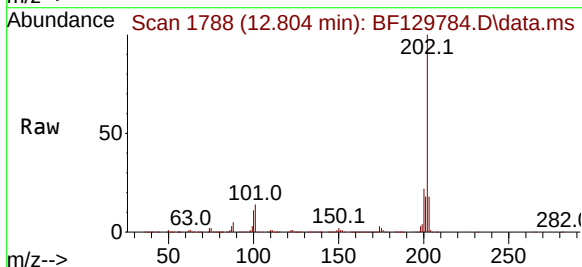
Instrument :
BNA_F
ClientSampleId :
PB147018BS

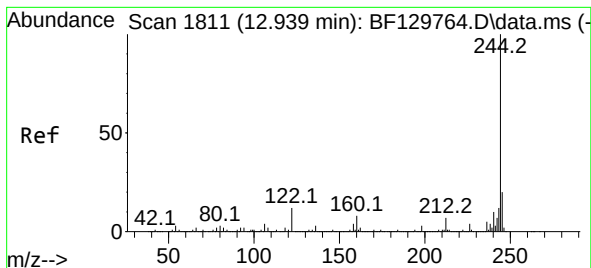
Tgt Ion:184 Resp: 607907
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.2
183 11.8 9.4 14.2



#78
Pyrene
Concen: 38.595 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:202 Resp: 1275718
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 79.256 ng

RT: 12.939 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

Instrument :

BNA_F

ClientSampleId :

PB147018BS

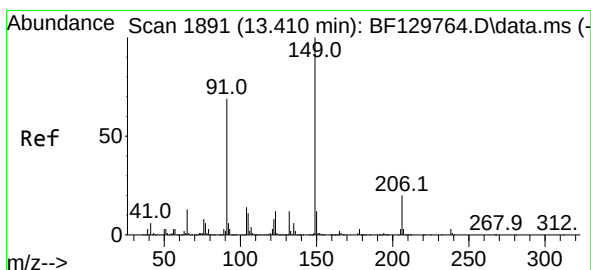
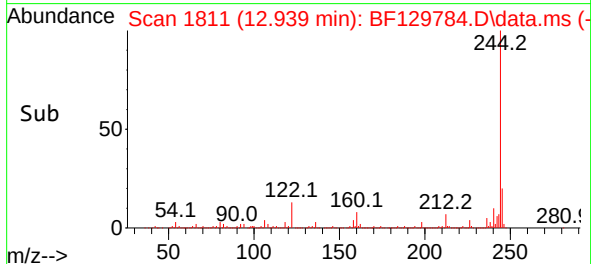
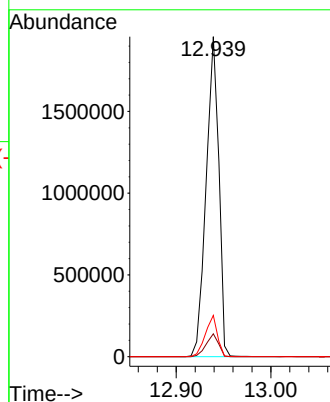
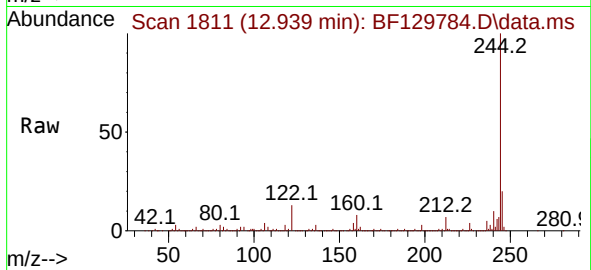
Tgt Ion:244 Resp: 1811792

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 12.9 9.9 14.9



#80

Butylbenzylphthalate

Concen: 37.543 ng

RT: 13.410 min Scan# 1891

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

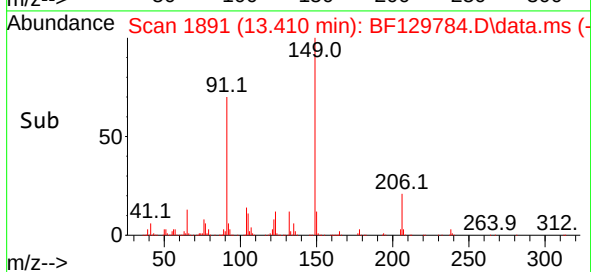
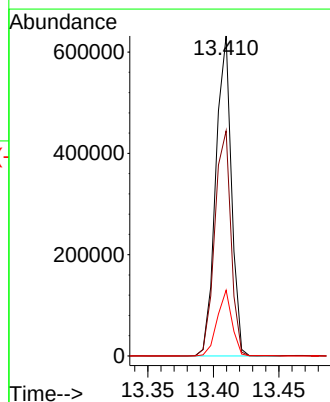
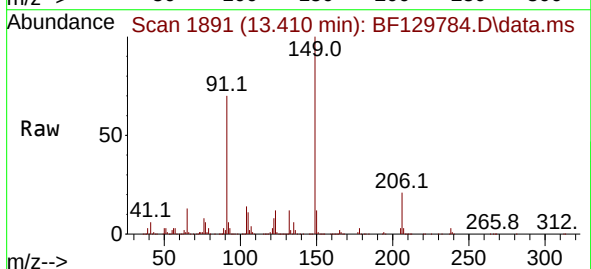
Tgt Ion:149 Resp: 525101

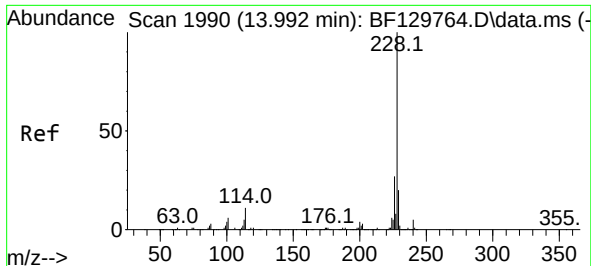
Ion Ratio Lower Upper

149 100

91 70.3 55.4 83.0

206 20.6 15.8 23.6

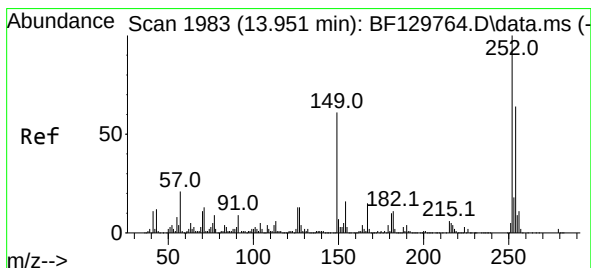
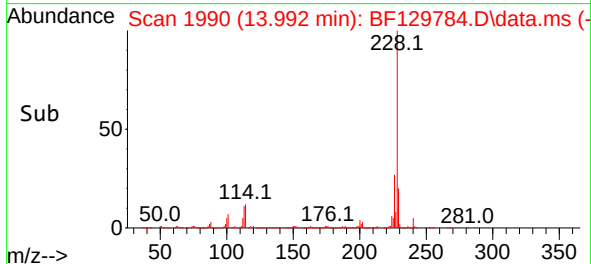
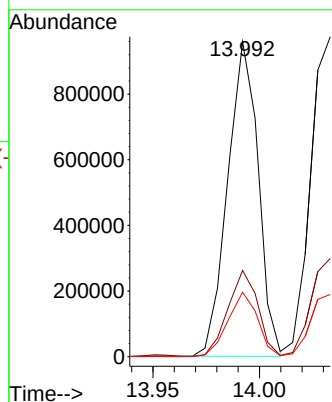
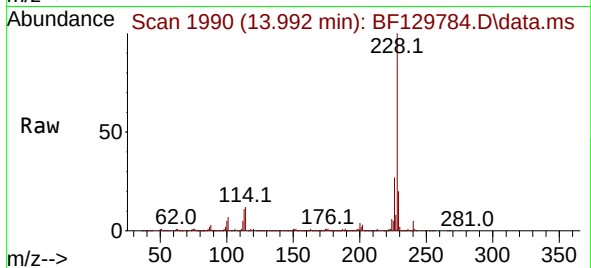




#81
Benzo(a)anthracene
Concen: 36.543 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

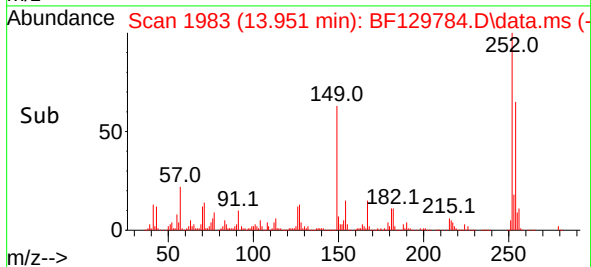
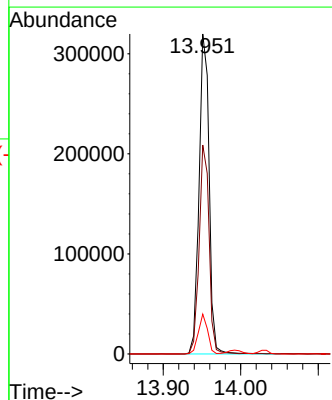
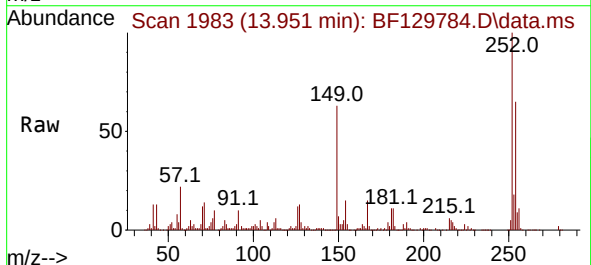
Instrument :
BNA_F
ClientSampleId :
PB147018BS

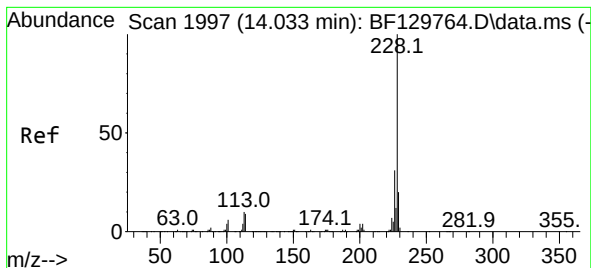
Tgt Ion:228 Resp: 956200
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 20.5 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 35.482 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:252 Resp: 287542
Ion Ratio Lower Upper
252 100
254 65.3 51.4 77.2
126 12.5 10.2 15.4





#83

Chrysene

Concen: 35.994 ng

RT: 14.033 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

Instrument :

BNA_F

ClientSampleId :

PB147018BS

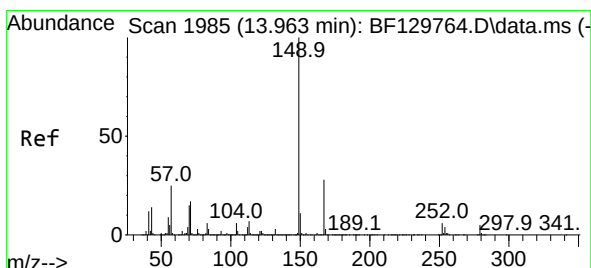
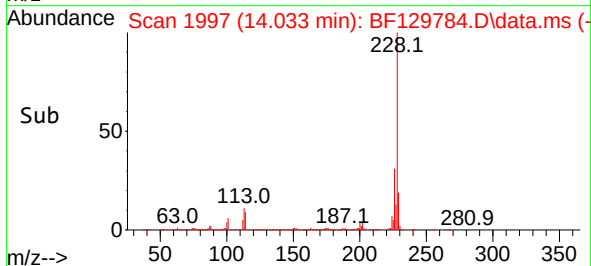
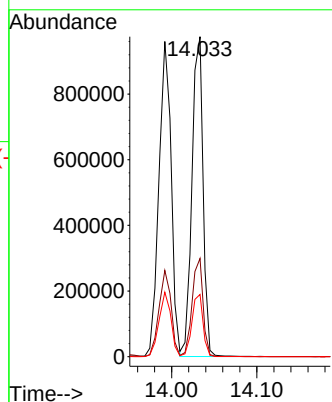
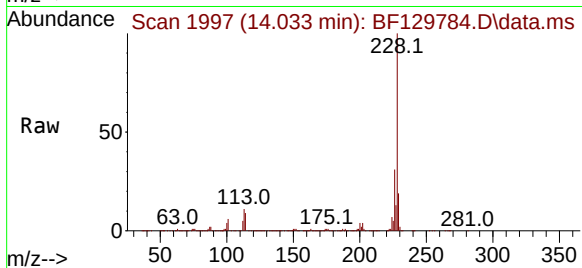
Tgt Ion:228 Resp: 881627

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.664 ng

RT: 13.963 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

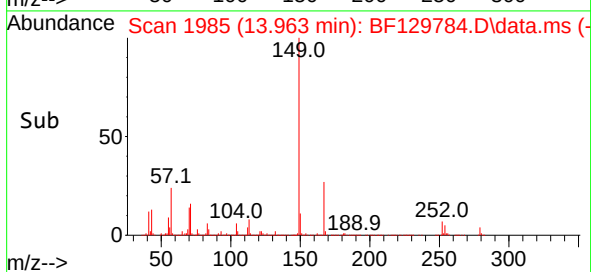
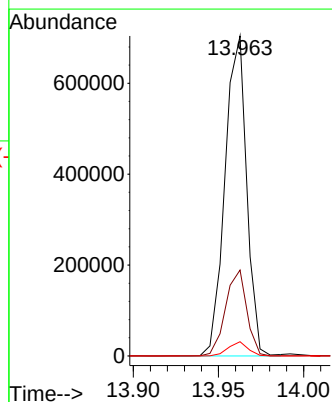
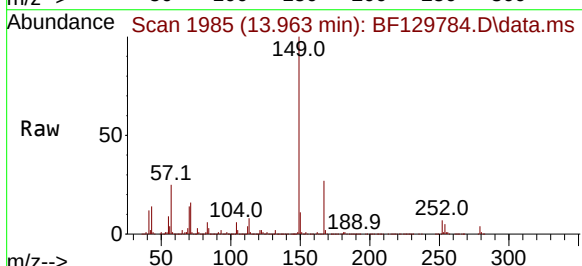
Tgt Ion:149 Resp: 624997

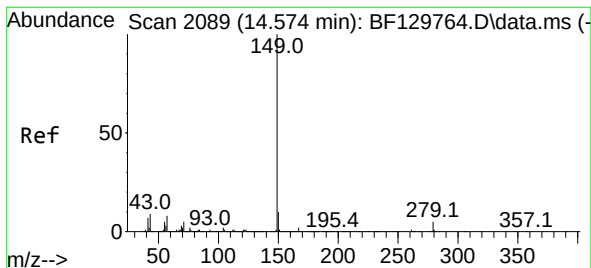
Ion Ratio Lower Upper

149 100

167 26.8 22.0 33.0

279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 38.674 ng

RT: 14.574 min Scan# 2089

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

Instrument :

BNA_F

ClientSampleId :

PB147018BS

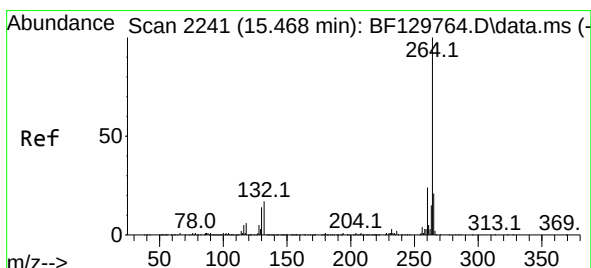
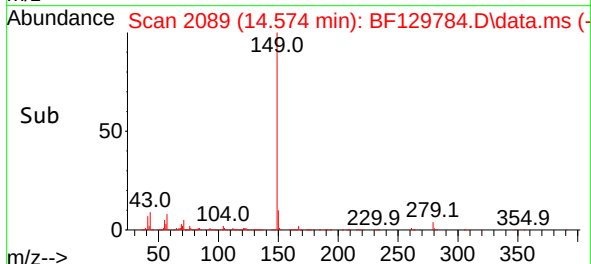
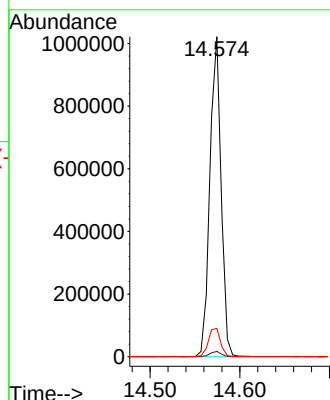
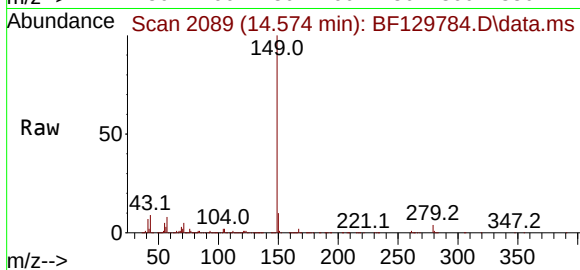
Tgt Ion:149 Resp: 885914

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.5 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2241

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

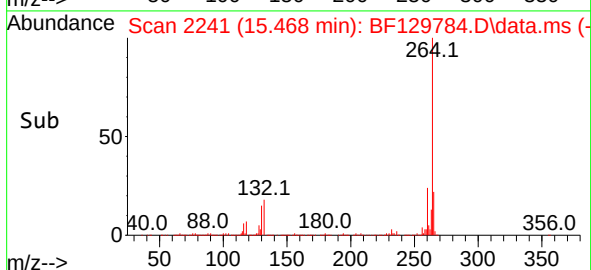
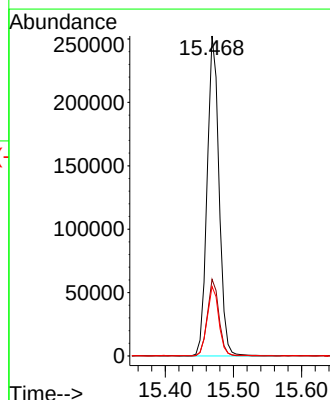
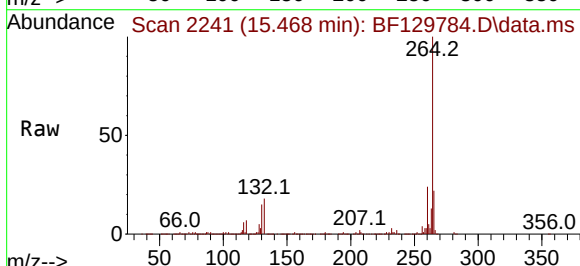
Tgt Ion:264 Resp: 307224

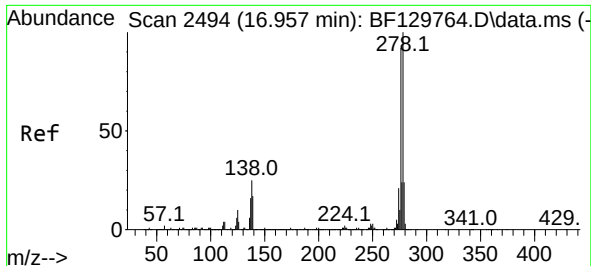
Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.7 16.7 25.1

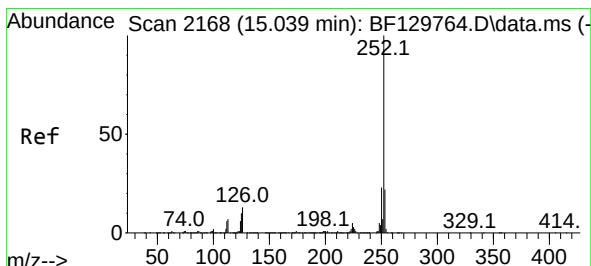
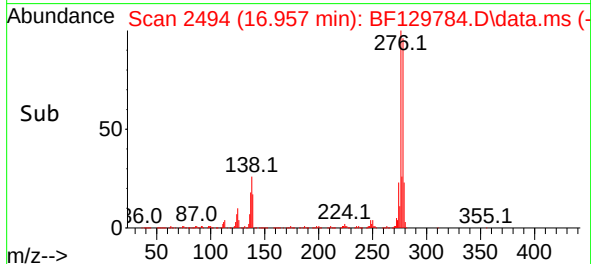
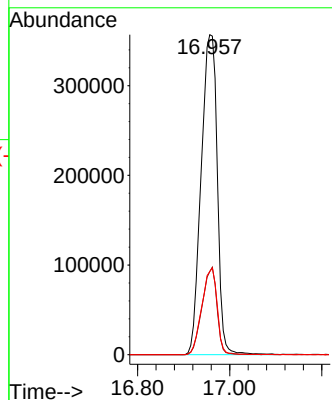
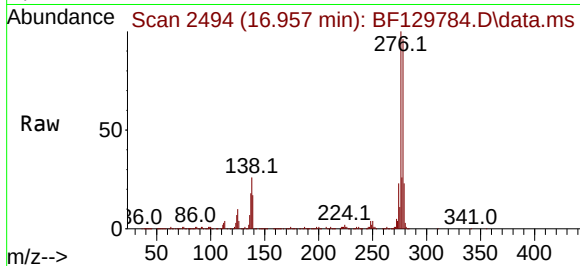




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.263 ng
RT: 16.957 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

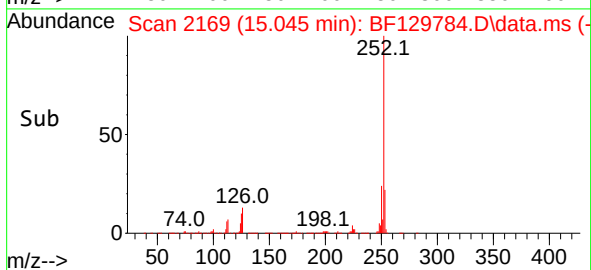
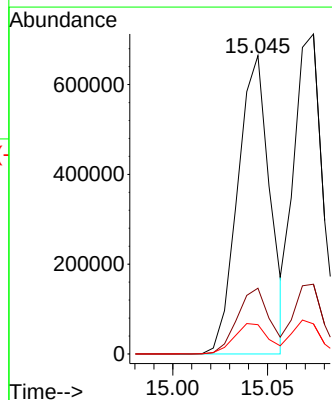
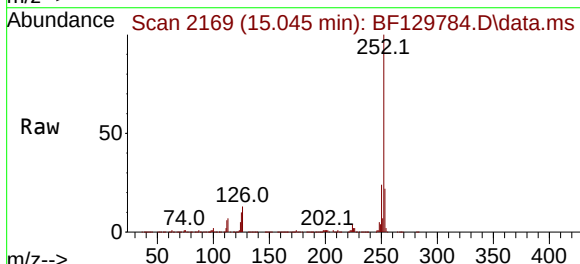
Instrument :
BNA_F
ClientSampleId :
PB147018BS

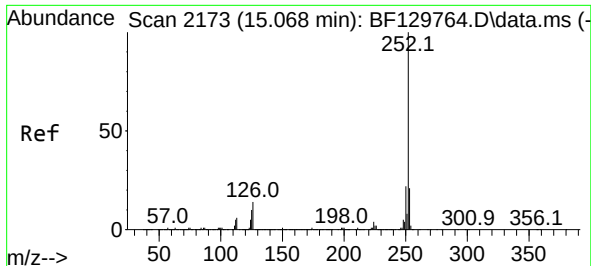
Tgt Ion:276 Resp: 870289
Ion Ratio Lower Upper
276 100
138 25.2 19.8 29.8
277 25.7 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 37.395 ng
RT: 15.045 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:252 Resp: 786687
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.8 8.3 12.5

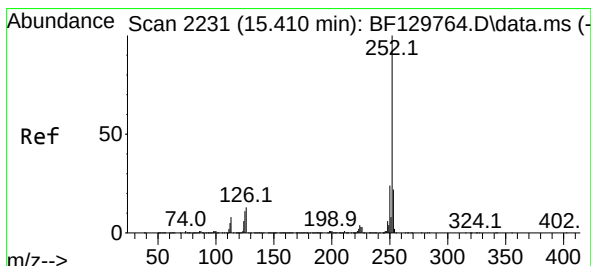
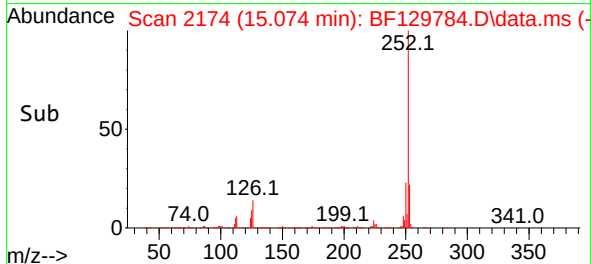
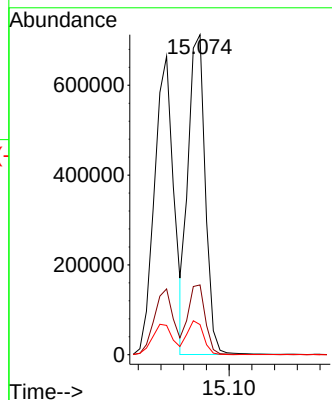
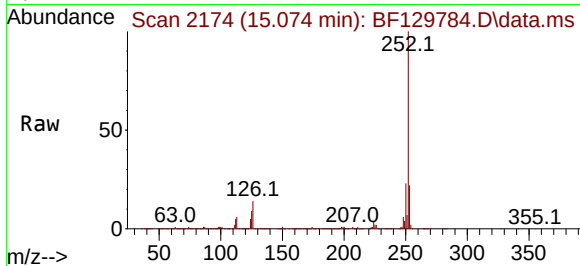




#89
Benzo(k)fluoranthene
Concen: 36.961 ng
RT: 15.074 min Scan# 2174
Delta R.T. 0.006 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

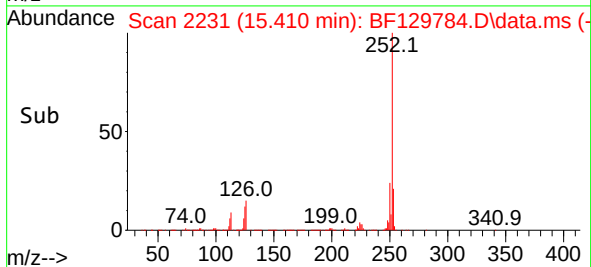
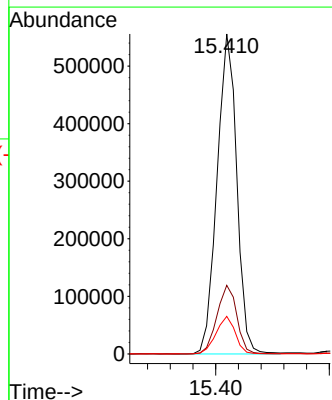
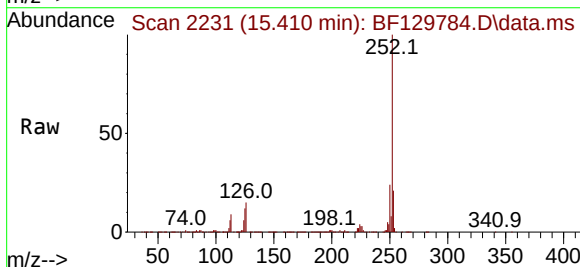
Instrument :
BNA_F
ClientSampleId :
PB147018BS

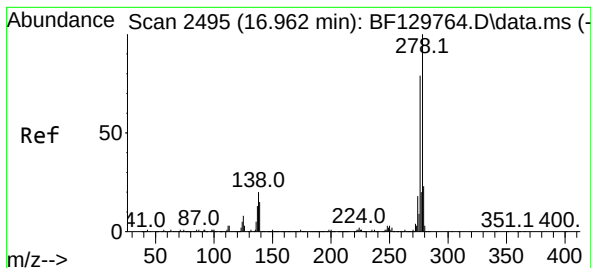
Tgt Ion:252 Resp: 745684
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 9.4 8.3 12.5



#90
Benzo(a)pyrene
Concen: 40.437 ng
RT: 15.410 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BF129784.D
Acq: 15 Aug 2022 17:01

Tgt Ion:252 Resp: 669905
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 11.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 43.886 ng

RT: 16.962 min Scan# 2495

Delta R.T. 0.000 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

Instrument :

BNA_F

ClientSampleId :

PB147018BS

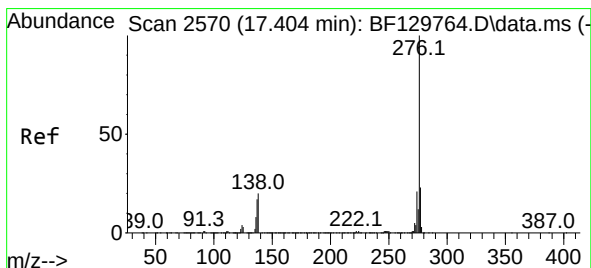
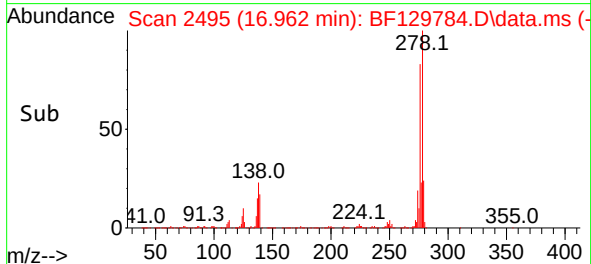
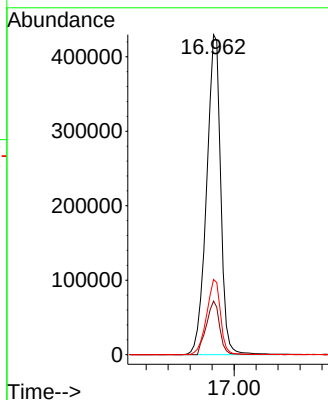
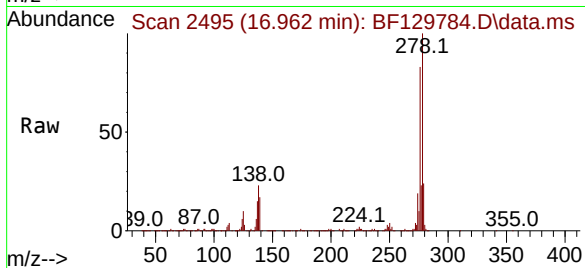
Tgt Ion:278 Resp: 763729

Ion Ratio Lower Upper

278 100

139 16.7 12.2 18.4

279 23.5 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 44.397 ng

RT: 17.409 min Scan# 2571

Delta R.T. 0.006 min

Lab File: BF129784.D

Acq: 15 Aug 2022 17:01

Tgt Ion:276 Resp: 770823

Ion Ratio Lower Upper

276 100

277 23.8 18.2 27.4

138 21.1 15.8 23.8

