

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129970.D
 Acq On : 24 Aug 2022 12:53
 Operator : CG\JU
 Sample : PB147052BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147052BS

Quant Time: Aug 24 14:06:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	136181	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	555439	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	296851	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	502424	20.000	ng	0.00
76) Chrysene-d12	13.945	240	283075	20.000	ng	0.00
86) Perylene-d12	15.392	264	233604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1027156	124.882	ng	0.00
7) Phenol-d6	6.440	99	1252771	121.629	ng	0.00
23) Nitrobenzene-d5	7.345	82	832585	80.242	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	364643	122.390	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1519503	77.744	ng	0.00
79) Terphenyl-d14	12.880	244	1613136	94.821	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	113987	33.592	ng	97
3) Pyridine	3.322	79	302799	34.098	ng	98
4) n-Nitrosodimethylamine	3.257	42	195395	47.745	ng	87
6) Aniline	6.440	93	488254	41.591	ng	# 72
8) 2-Chlorophenol	6.569	128	404622	44.190	ng	96
9) Benzaldehyde	6.328	77	267510	50.216	ng	97
10) Phenol	6.451	94	497577	44.040	ng	# 75
11) bis(2-Chloroethyl)ether	6.510	93	370211	43.150	ng	98
12) 1,3-Dichlorobenzene	6.710	146	412282	41.708	ng	99
13) 1,4-Dichlorobenzene	6.787	146	421971	41.778	ng	99
14) 1,2-Dichlorobenzene	6.940	146	400615	42.707	ng	99
15) Benzyl Alcohol	6.928	79	349979	45.009	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	501241	43.600	ng	91
17) 2-Methylphenol	7.045	107	317758	43.220	ng	97
18) Hexachloroethane	7.275	117	163858	43.202	ng	95
19) n-Nitroso-di-n-propyla...	7.193	70	289980	44.540	ng	99
20) 3+4-Methylphenols	7.204	107	418519	42.408	ng	99
22) Acetophenone	7.187	105	584812	43.206	ng	# 97
24) Nitrobenzene	7.363	77	430623	41.158	ng	94
25) Isophorone	7.598	82	774559	43.372	ng	98
26) 2-Nitrophenol	7.675	139	213487	41.483	ng	89
27) 2,4-Dimethylphenol	7.722	122	338490	45.863	ng	95
28) bis(2-Chloroethoxy)met...	7.804	93	468023	44.885	ng	98
29) 2,4-Dichlorophenol	7.928	162	330515	40.955	ng	98
30) 1,2,4-Trichlorobenzene	7.992	180	335425	39.398	ng	97
31) Naphthalene	8.075	128	1155142	39.775	ng	99
32) Benzoic acid	7.887	122	165519	49.433	ng	86
33) 4-Chloroaniline	8.134	127	422495	36.994	ng	97
34) Hexachlorobutadiene	8.187	225	209905	40.490	ng	98
35) Caprolactam	8.522	113	51376	20.471	ng	89
36) 4-Chloro-3-methylphenol	8.634	107	369723	42.466	ng	99
37) 2-Methylnaphthalene	8.769	142	755341	39.627	ng	99
38) 1-Methylnaphthalene	8.863	142	709642	38.308	ng	99
40) 1,2,4,5-Tetrachloroben...	8.934	216	342503	41.483	ng	99
41) Hexachlorocyclopentadiene	8.910	237	234040	84.551	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	208532	38.873	ng	97

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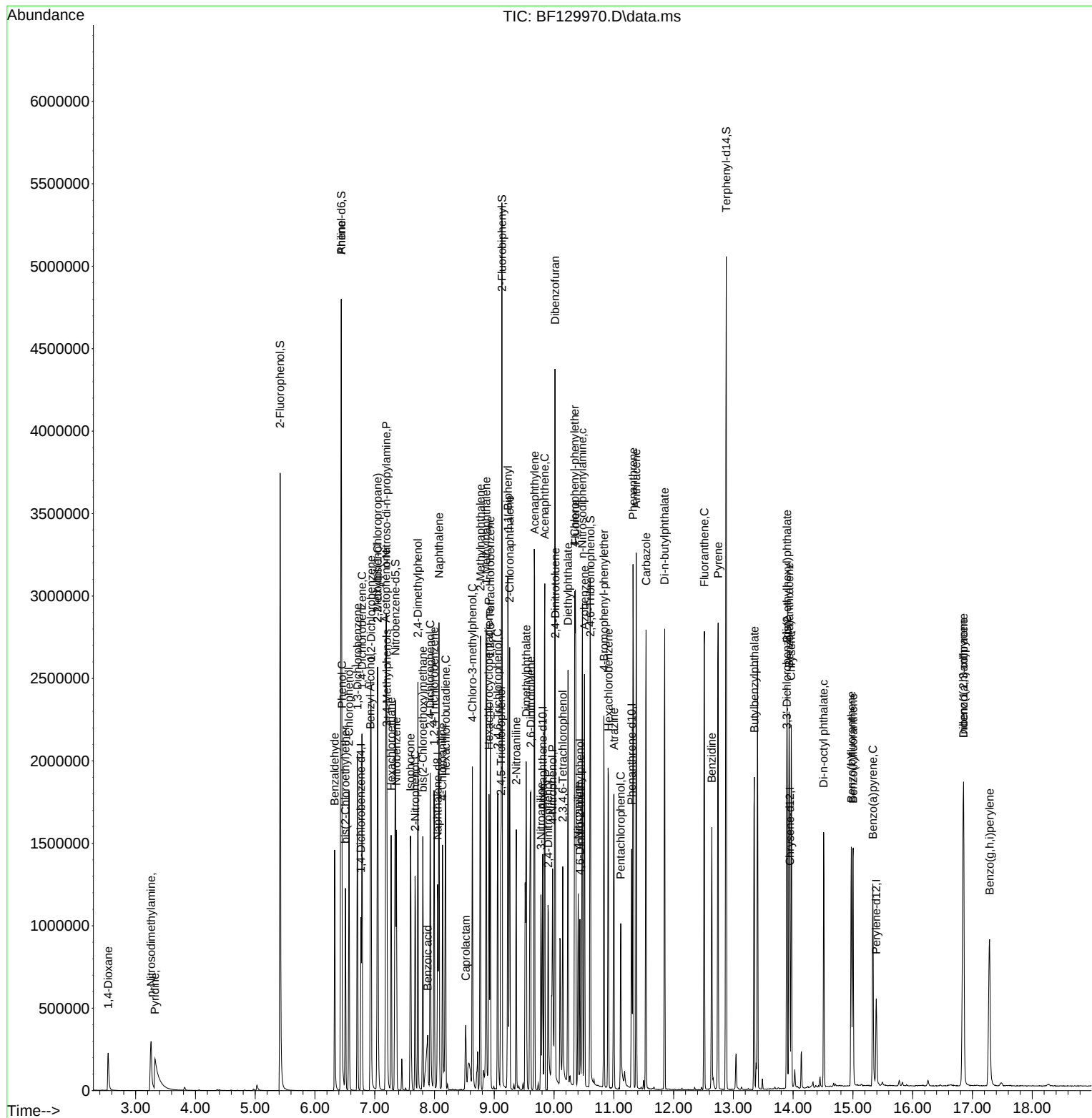
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	224248	38.856	ng	97
46) 1,1'-Biphenyl	9.228	154	930456	41.259	ng	98
47) 2-Chloronaphthalene	9.257	162	724261	40.590	ng	97
48) 2-Nitroaniline	9.369	65	240174	42.592	ng	96
49) Acenaphthylene	9.675	152	1063673	39.311	ng	100
50) Dimethylphthalate	9.534	163	848619	39.878	ng	99
51) 2,6-Dinitrotoluene	9.610	165	186696	40.444	ng	97
52) Acenaphthene	9.845	154	646913	39.407	ng	100
53) 3-Nitroaniline	9.781	138	166425	32.601	ng	92
54) 2,4-Dinitrophenol	9.904	184	164957	79.103	ng	93
55) Dibenzofuran	10.016	168	978630	39.680	ng	95
56) 4-Nitrophenol	9.975	139	171253	75.405	ng	90
57) 2,4-Dinitrotoluene	10.022	165	244979	40.882	ng	89
58) Fluorene	10.357	166	815557	39.604	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	161199	38.060	ng	# 76
60) Diethylphthalate	10.234	149	838407	39.513	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	374519	40.527	ng	93
62) 4-Nitroaniline	10.404	138	185404	36.000	ng	88
63) Azobenzene	10.510	77	817570	40.311	ng	98
65) 4,6-Dinitro-2-methylph...	10.434	198	115281	39.085	ng	97
66) n-Nitrosodiphenylamine	10.475	169	689767	40.675	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	236669	40.218	ng	95
68) Hexachlorobenzene	10.910	284	264779	41.537	ng	92
69) Atrazine	11.004	200	226661	43.549	ng	99
70) Pentachlorophenol	11.116	266	132850	70.205	ng	96
71) Phenanthrene	11.322	178	1128627	40.222	ng	100
72) Anthracene	11.375	178	1146176	41.075	ng	100
73) Carbazole	11.539	167	1032709	40.769	ng	100
74) Di-n-butylphthalate	11.851	149	1282892	39.351	ng	99
75) Fluoranthene	12.516	202	1131781	39.416	ng	98
77) Benzidine	12.639	184	557863	87.121	ng	100
78) Pyrene	12.745	202	1126150	45.780	ng	99
80) Butylbenzylphthalate	13.351	149	428019	41.120	ng	99
81) Benzo(a)anthracene	13.933	228	782744	40.197	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	211642	35.093	ng	99
83) Chrysene	13.969	228	727326	39.901	ng	99
84) Bis(2-ethylhexyl)phtha...	13.898	149	499727	40.466	ng	# 95
85) Di-n-octyl phthalate	14.510	149	695000	40.769	ng	100
87) Indeno(1,2,3-cd)pyrene	16.851	276	800142	49.893	ng	99
88) Benzo(b)fluoranthene	14.974	252	632911	39.567	ng	99
89) Benzo(k)fluoranthene	15.004	252	608566	39.671	ng	98
90) Benzo(a)pyrene	15.333	252	558870	44.366	ng	99
91) Dibenzo(a,h)anthracene	16.851	278	693843	52.435	ng	98
92) Benzo(g,h,i)perylene	17.286	276	719677	54.515	ng	99

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

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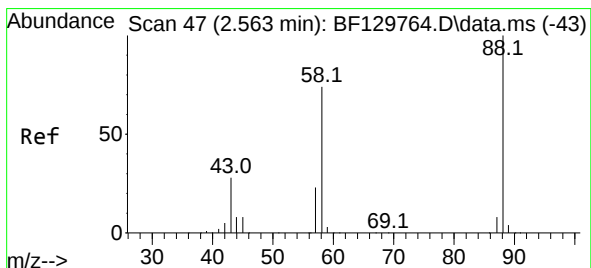
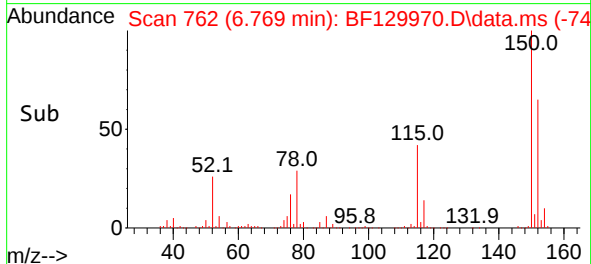
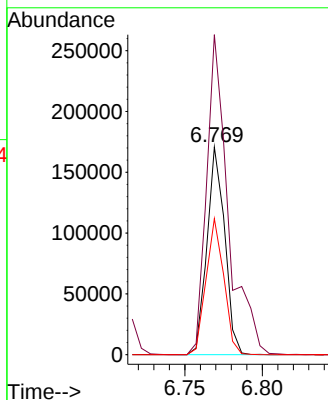
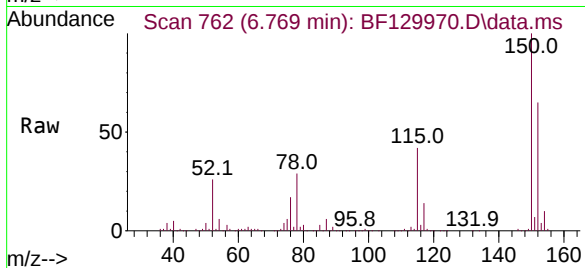




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF129970.D
 Acq: 24 Aug 2022 12:53

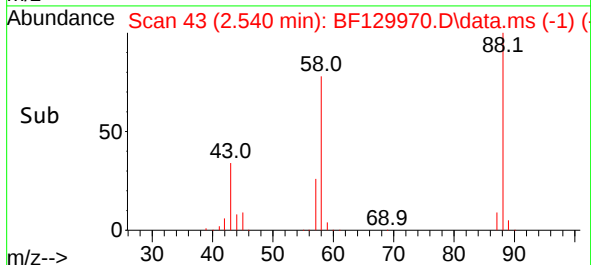
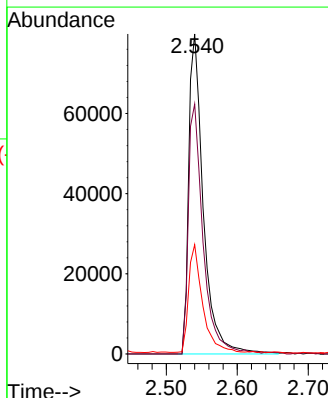
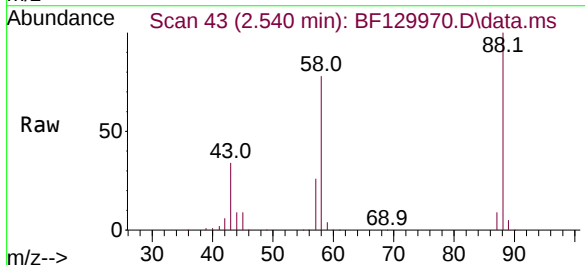
Instrument :
 BNA_F
 ClientSampleId :
 PB147052BS

Tgt Ion:152 Resp: 136181
 Ion Ratio Lower Upper
 152 100
 150 154.0 126.9 190.3
 115 65.5 53.4 80.0



#2
 1,4-Dioxane
 Concen: 33.592 ng
 RT: 2.540 min Scan# 43
 Delta R.T. 0.059 min
 Lab File: BF129970.D
 Acq: 24 Aug 2022 12:53

Tgt Ion: 88 Resp: 113987
 Ion Ratio Lower Upper
 88 100
 58 78.6 60.9 91.3
 43 32.2 23.6 35.4

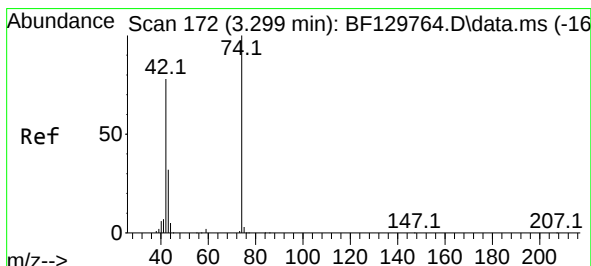
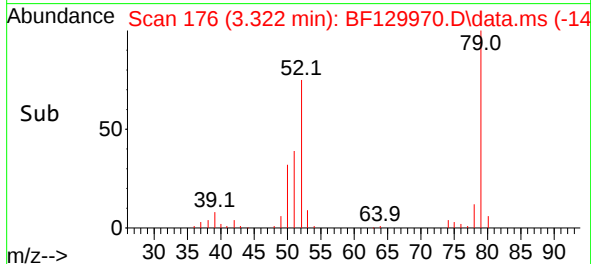
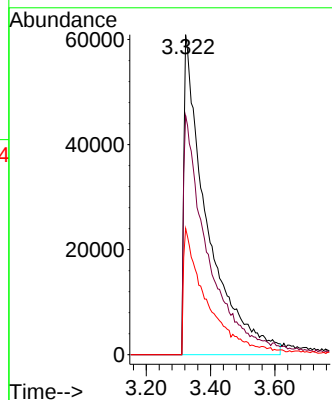
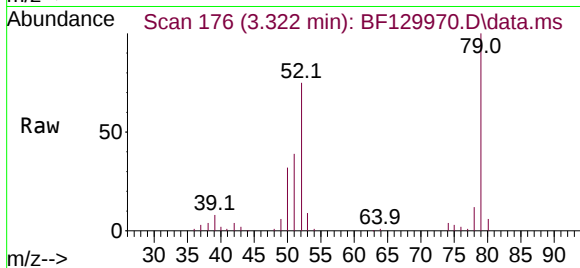




#3
Pyridine
Concen: 34.098 ng
RT: 3.322 min Scan# 11
Delta R.T. 0.077 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

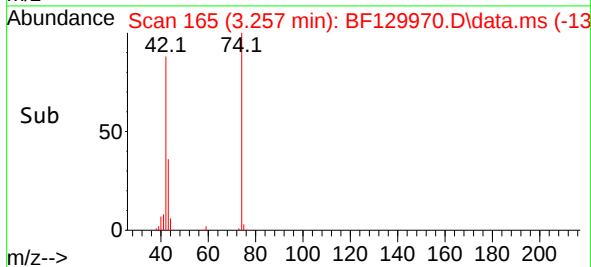
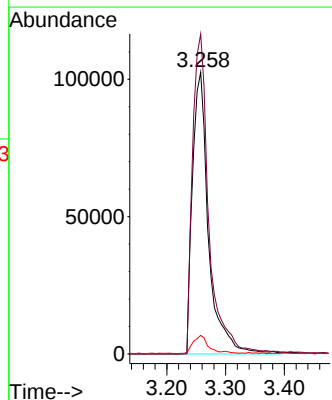
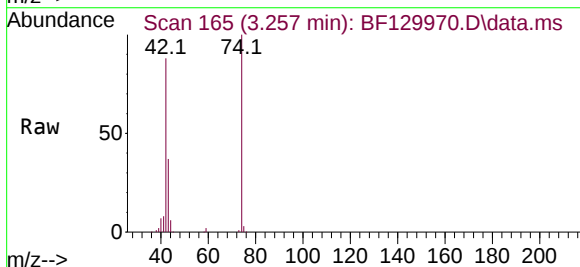
Instrument :
BNA_F
ClientSampleId :
PB147052BS

Tgt Ion: 79 Resp: 302799
Ion Ratio Lower Upper
79 100
52 74.7 59.4 89.2
51 39.5 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 47.745 ng
RT: 3.257 min Scan# 165
Delta R.T. 0.053 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion: 42 Resp: 195395
Ion Ratio Lower Upper
42 100
74 113.6 103.1 154.7
44 6.6 5.4 8.2

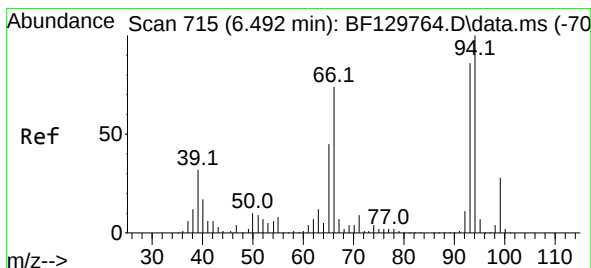
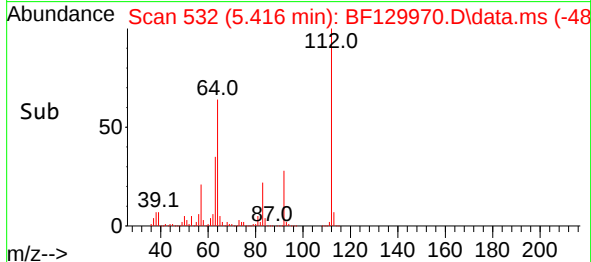
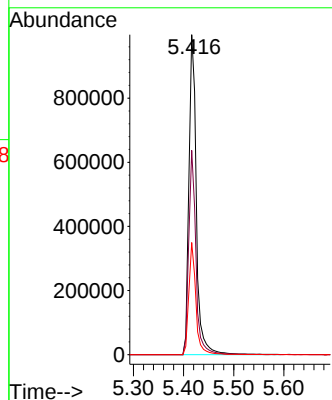
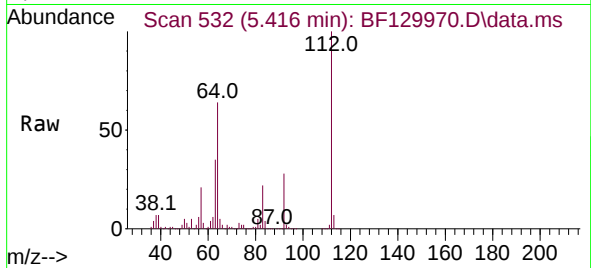




#5
2-Fluorophenol
Concen: 124.882 ng
RT: 5.416 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

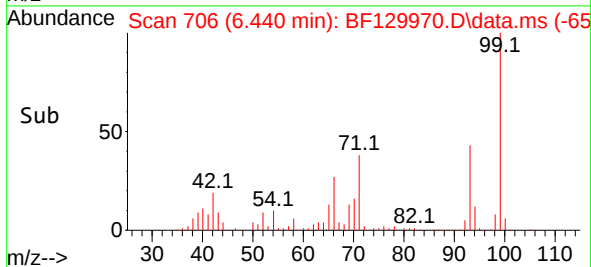
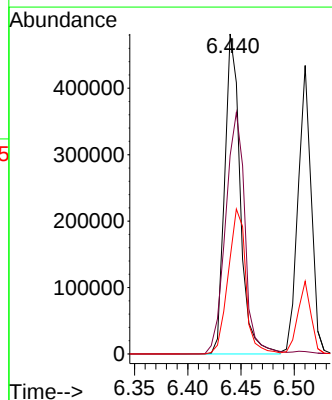
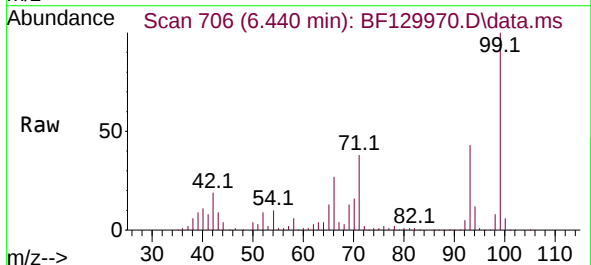
Instrument :
BNA_F
ClientSampleId :
PB147052BS

Tgt Ion:112 Resp: 1027156
Ion Ratio Lower Upper
112 100
64 63.9 47.6 71.4
63 35.1 24.6 37.0



#6
Aniline
Concen: 41.591 ng
RT: 6.440 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion: 93 Resp: 488254
Ion Ratio Lower Upper
93 100
66 62.0 68.7 103.1#
65 29.9 41.6 62.4#



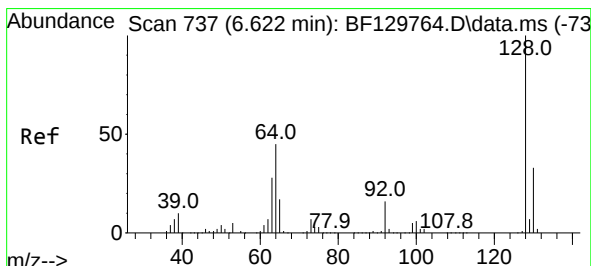
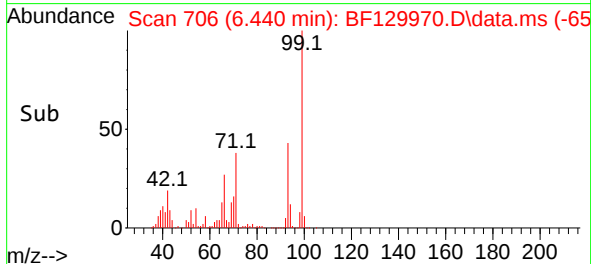
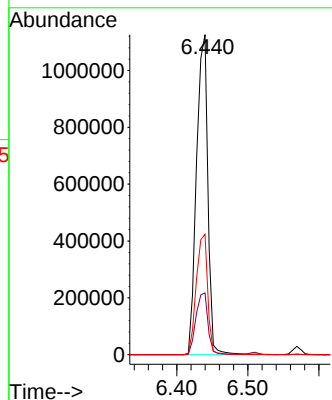
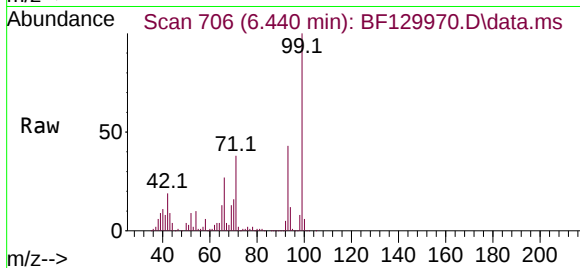


#7
Phenol-d6
Concen: 121.629 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF129970.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1252771

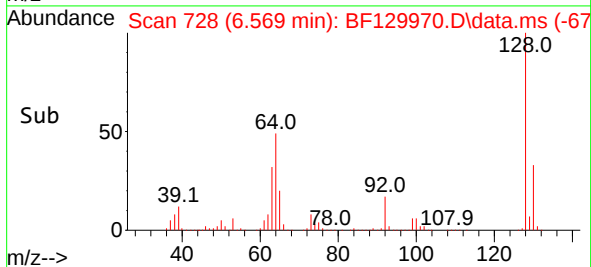
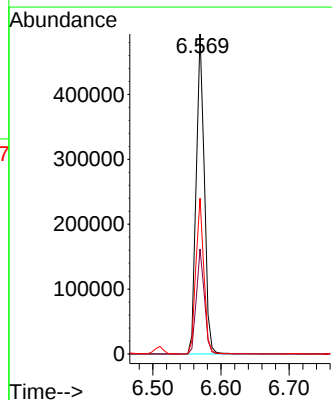
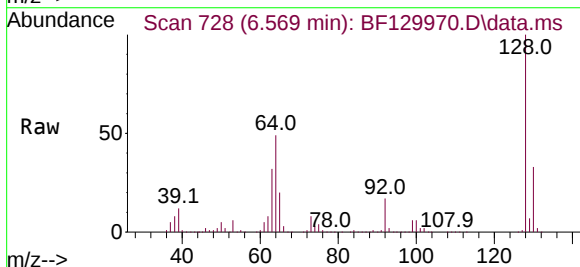
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.0	22.4
71	37.7	28.8	43.2

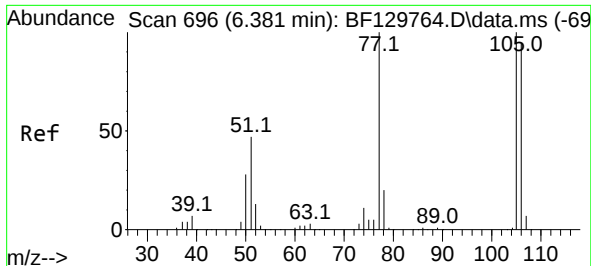


#8
2-Chlorophenol
Concen: 44.190 ng
RT: 6.569 min Scan# 728
Delta R.T. -0.006 min
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Tgt Ion: 128 Resp: 404622

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	48.6	24.9	64.9

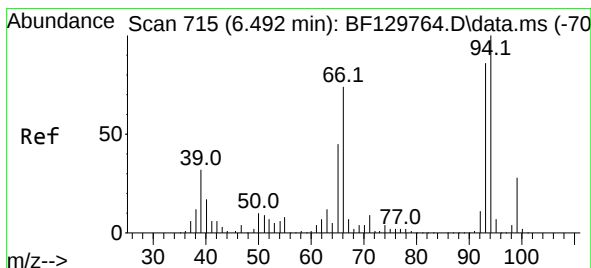
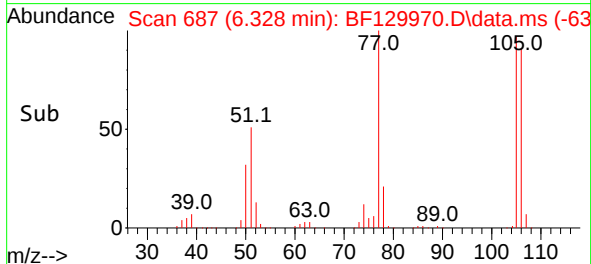
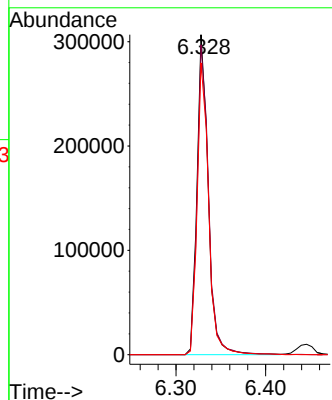
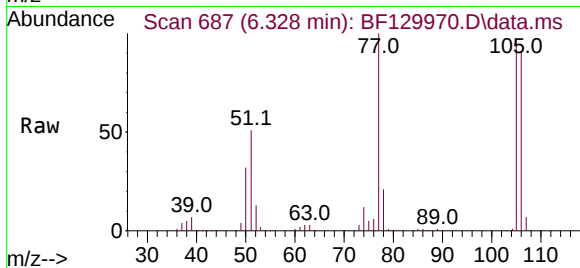




#9
Benzaldehyde
Concen: 50.216 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF129970.D
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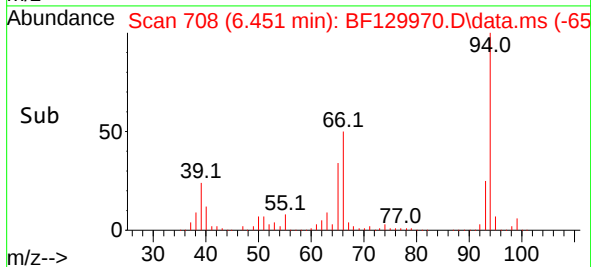
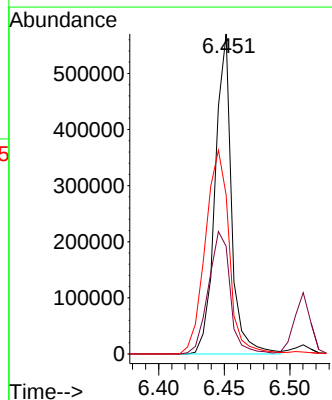
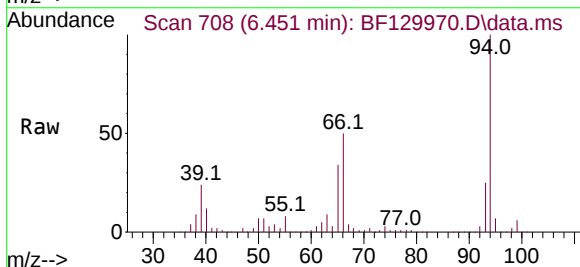
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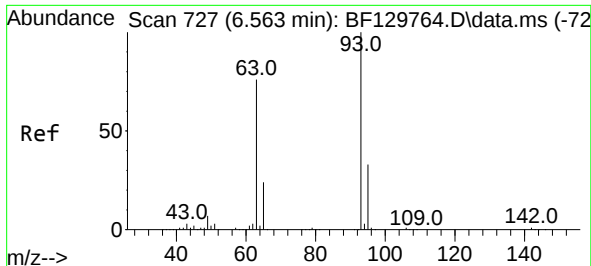
Tgt Ion: 77 Resp: 267510
Ion Ratio Lower Upper
77 100
105 96.8 80.3 120.3
106 91.2 74.3 114.3



#10
Phenol
Concen: 44.040 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 497577
Ion Ratio Lower Upper
94 100
65 33.6 24.9 64.9
66 49.7 54.2 94.2#

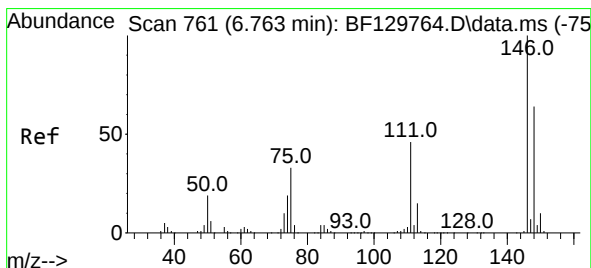
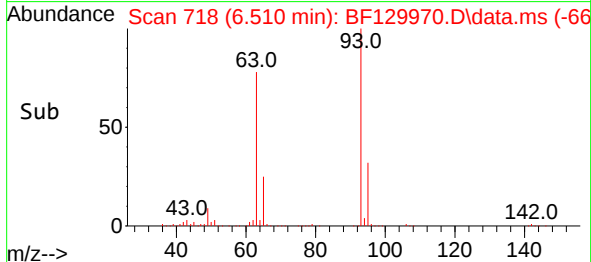
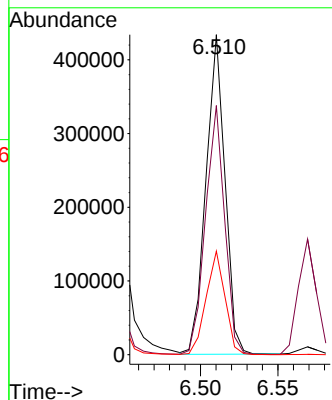
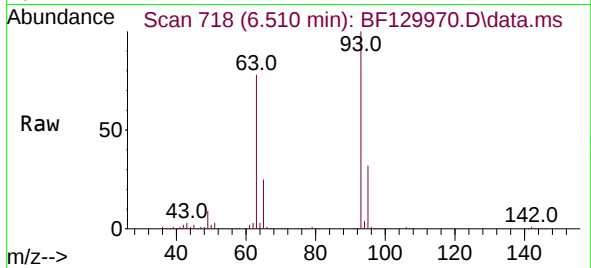




#11
bis(2-Chloroethyl)ether
Concen: 43.150 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

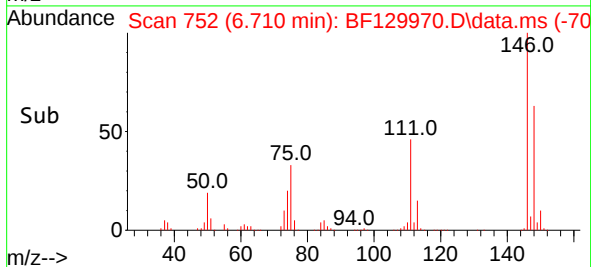
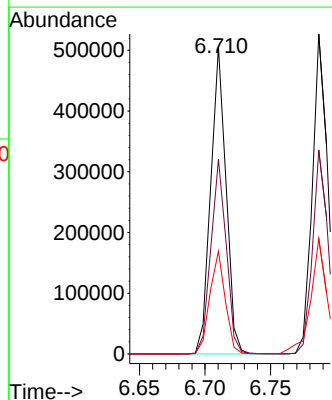
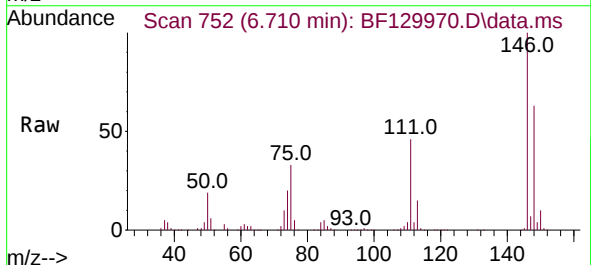
Instrument :
BNA_F
ClientSampleId :
PB147052BS

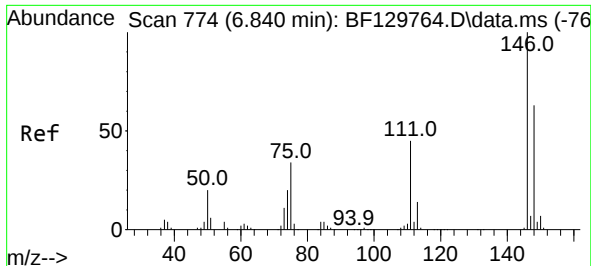
Tgt Ion: 93 Resp: 370211
Ion Ratio Lower Upper
93 100
63 77.8 55.9 95.9
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.708 ng
RT: 6.710 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion: 146 Resp: 412282
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
75 33.4 26.5 39.7

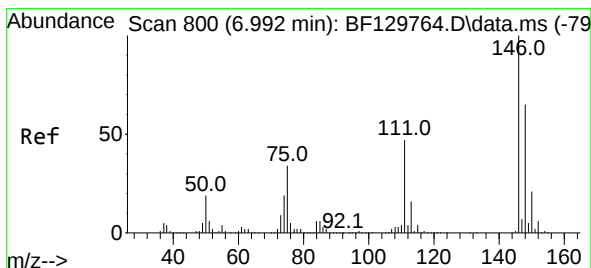
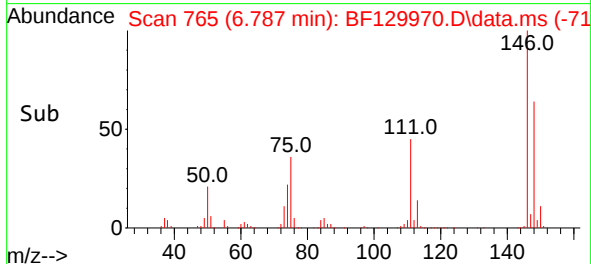
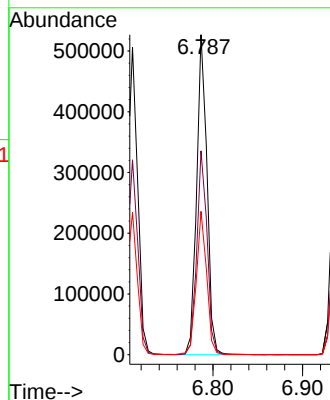
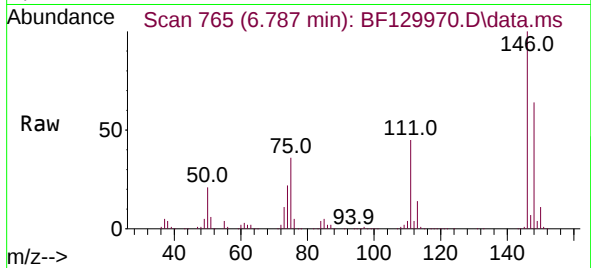




#13
 1,4-Dichlorobenzene
 Concen: 41.778 ng
 RT: 6.787 min Scan# 709
 Delta R.T. -0.006 min
 Lab File: BF129970.D
 Acq: 24 Aug 2022 12:53

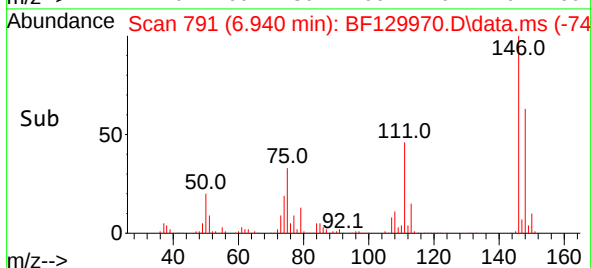
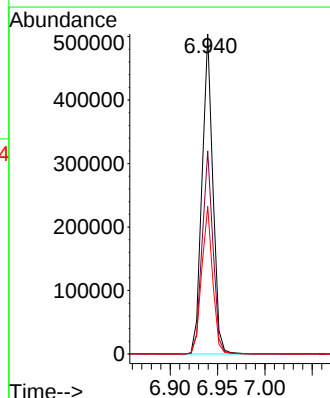
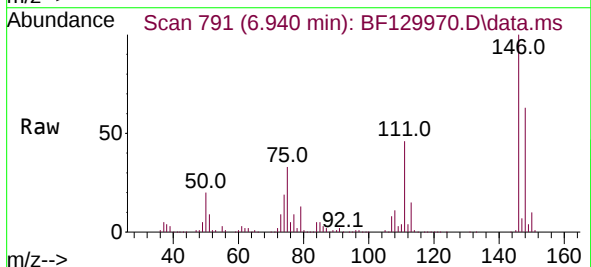
Instrument :
 BNA_F
 ClientSampleId :
 PB147052BS

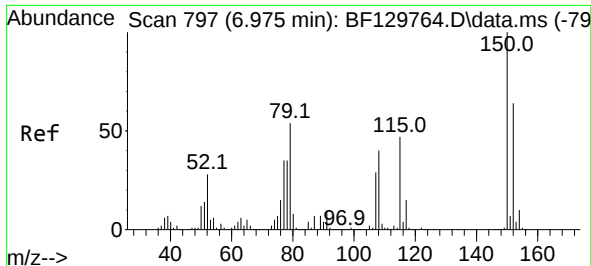
Tgt Ion:146 Resp: 421971
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 44.8 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 42.707 ng
 RT: 6.940 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF129970.D
 Acq: 24 Aug 2022 12:53

Tgt Ion:146 Resp: 400615
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.8 77.6
 111 46.1 37.2 55.8

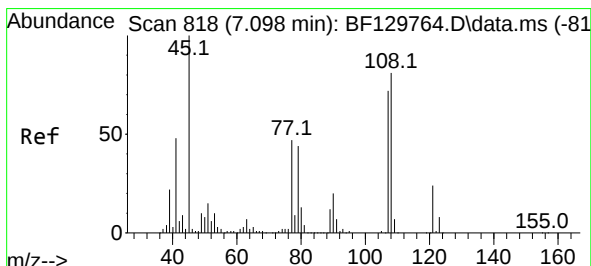
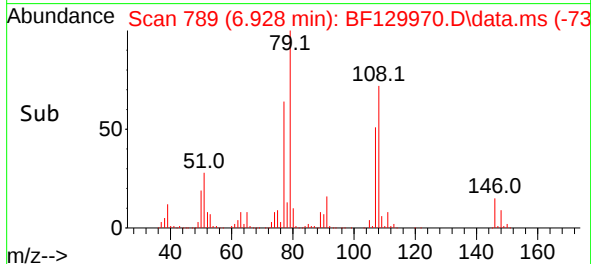
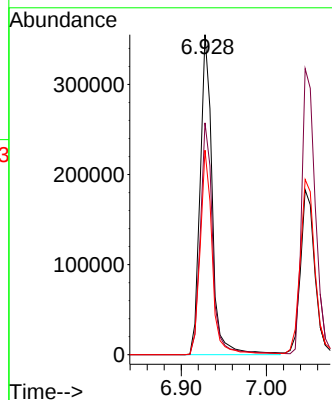
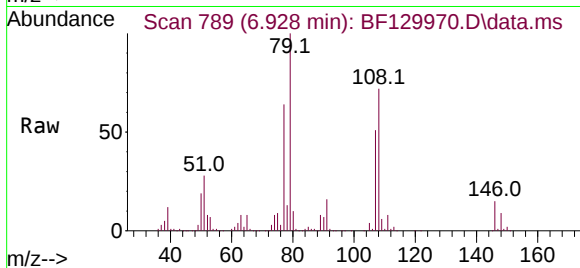




#15
Benzyl Alcohol
Concen: 45.009 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

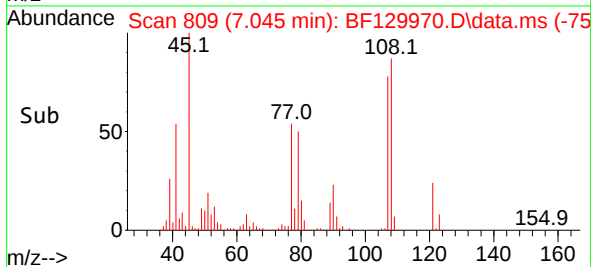
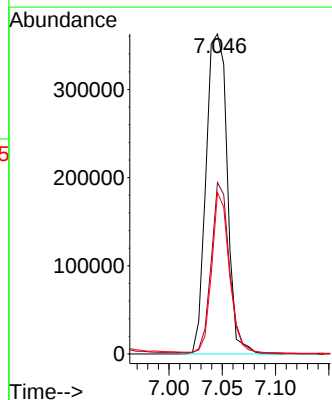
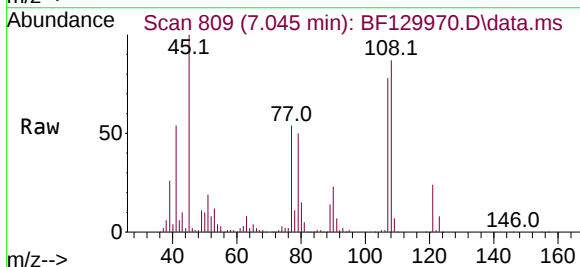
Instrument :
BNA_F
ClientSampleId :
PB147052BS

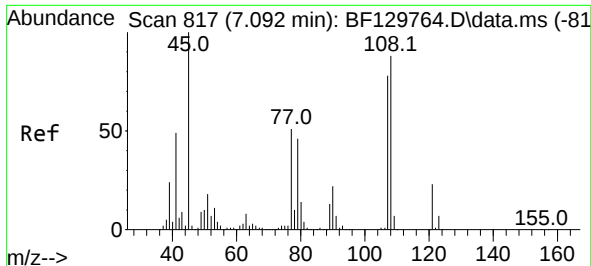
Tgt Ion: 79 Resp: 349979
Ion Ratio Lower Upper
79 100
108 72.5 59.2 88.8
77 63.9 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.600 ng
RT: 7.045 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion: 45 Resp: 501241
Ion Ratio Lower Upper
45 100
77 53.6 27.4 67.4
79 50.4 24.4 64.4

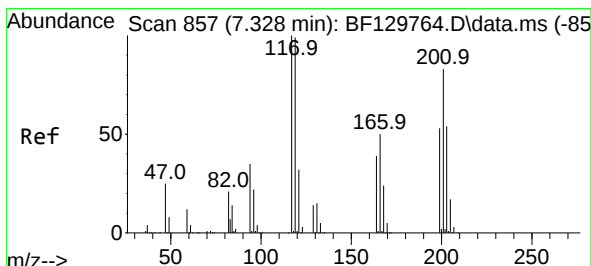
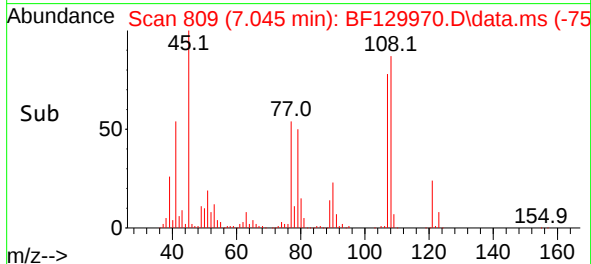
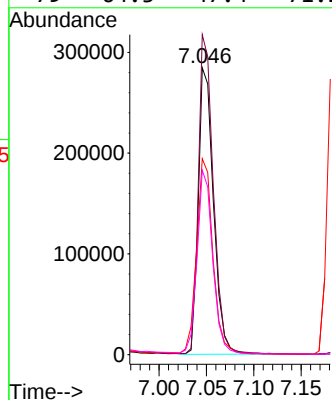
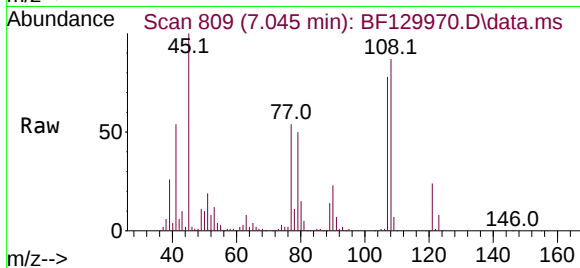




#17
2-Methylphenol
Concen: 43.220 ng
RT: 7.045 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

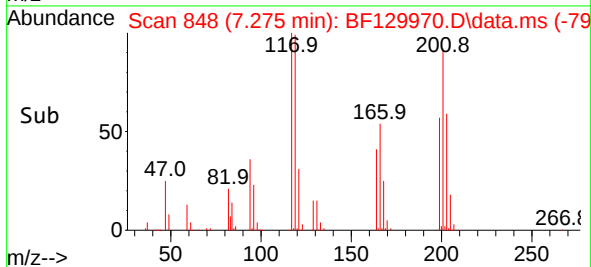
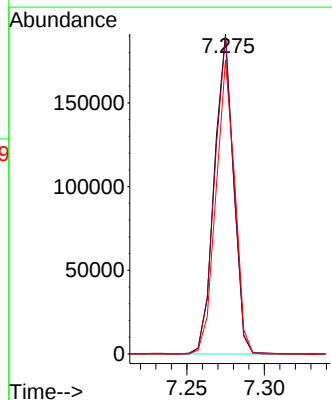
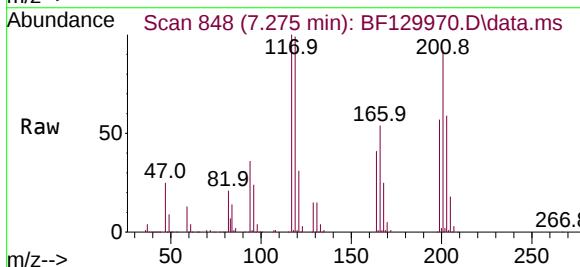
Instrument :
BNA_F
ClientSampleId :
PB147052BS

Tgt Ion:107 Resp: 317758
Ion Ratio Lower Upper
107 100
108 111.6 90.2 135.2
77 68.3 51.8 77.8
79 64.3 47.4 71.2



#18
Hexachloroethane
Concen: 43.202 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:117 Resp: 163858
Ion Ratio Lower Upper
117 100
119 99.3 79.1 118.7
201 91.9 66.6 100.0

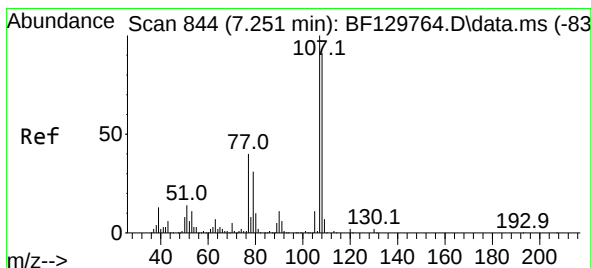
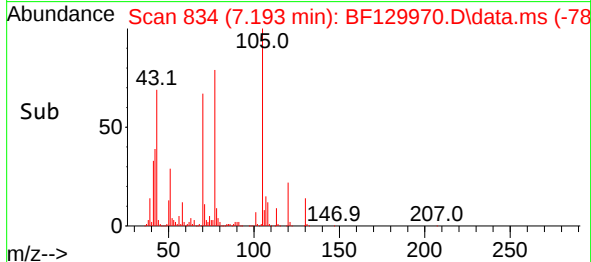
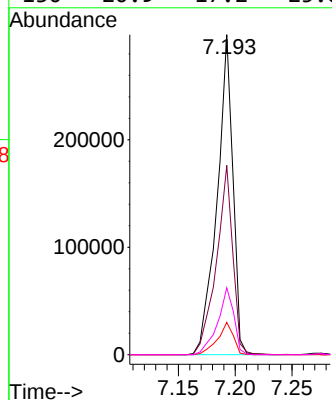
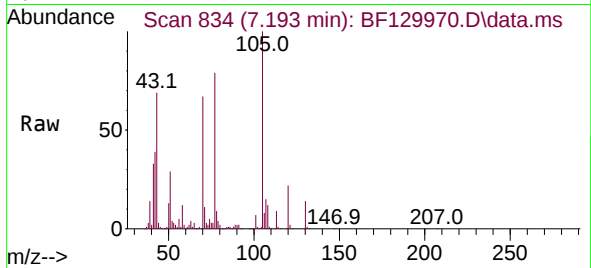




#19
n-Nitroso-di-n-propylamine
Concen: 44.540 ng
RT: 7.193 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

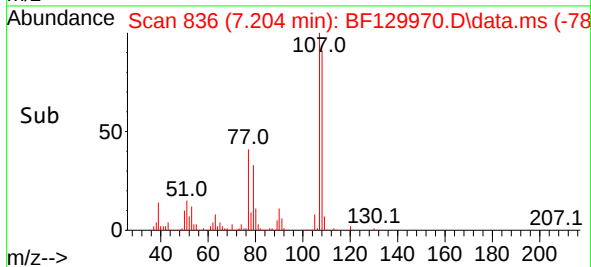
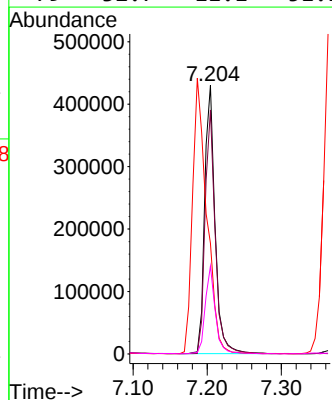
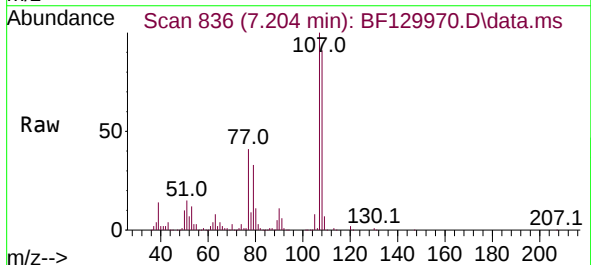
Instrument :
BNA_F
ClientSampleId :
PB147052BS

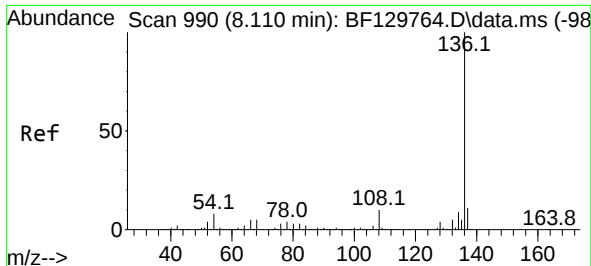
Tgt Ion: 70 Resp: 289980
Ion Ratio Lower Upper
70 100
42 59.1 47.6 71.4
101 10.1 8.1 12.1
130 20.9 17.2 25.8



#20
3+4-Methylphenols
Concen: 42.408 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

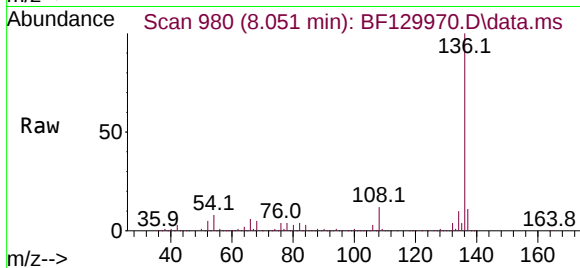
Tgt Ion: 107 Resp: 418519
Ion Ratio Lower Upper
107 100
108 90.9 71.3 111.3
77 41.2 20.4 60.4
79 32.7 11.1 51.1



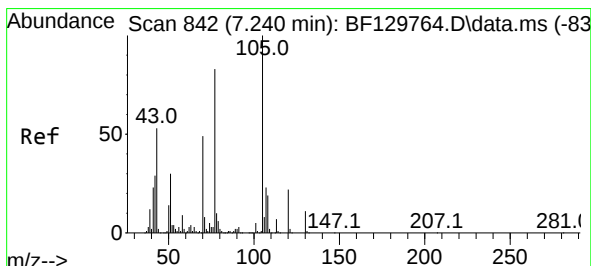
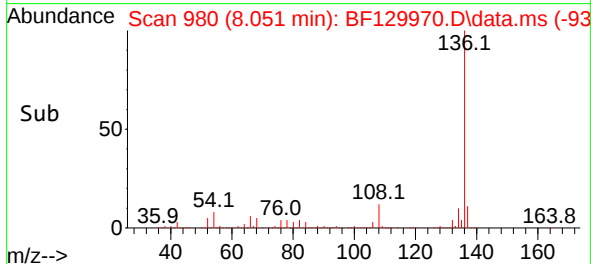
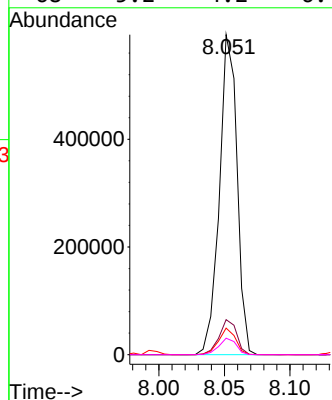


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Instrument :
BNA_F
ClientSampleId :
PB147052BS

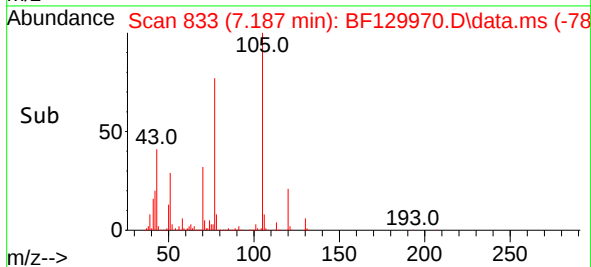
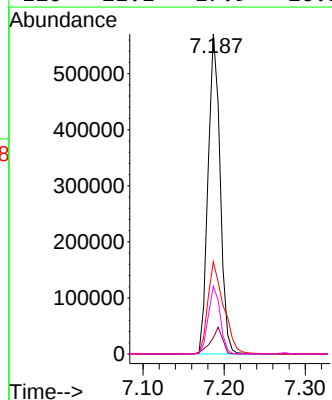
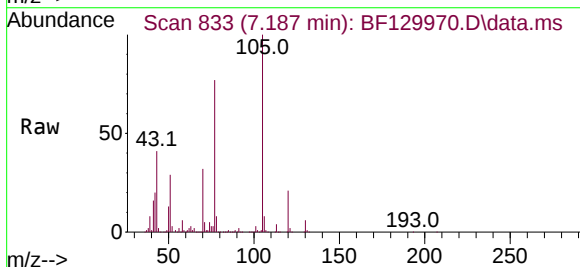


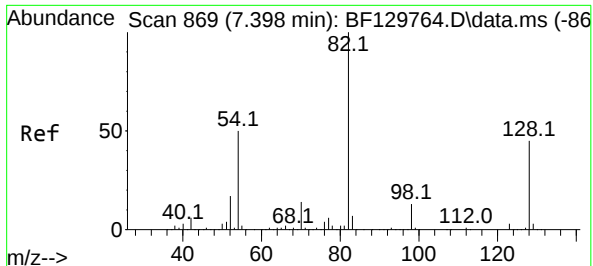
Tgt Ion:	136	Resp:	555439
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.4	12.6
54	8.3	6.2	9.2
68	5.2	4.2	6.4



#22
Acetophenone
Concen: 43.206 ng
RT: 7.187 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:	105	Resp:	584812
Ion Ratio	Lower	Upper	
105	100		
71	5.1	6.6	9.8
51	28.8	23.8	35.8
120	21.1	17.9	26.9





#23

Nitrobenzene-d5

Concen: 80.242 ng

RT: 7.345 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB147052BS

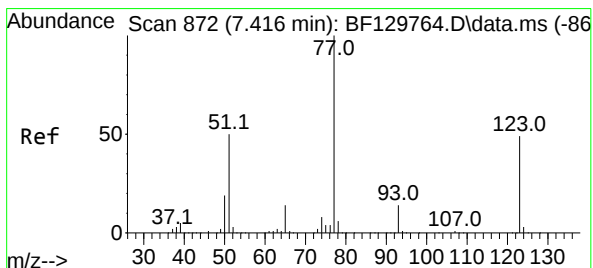
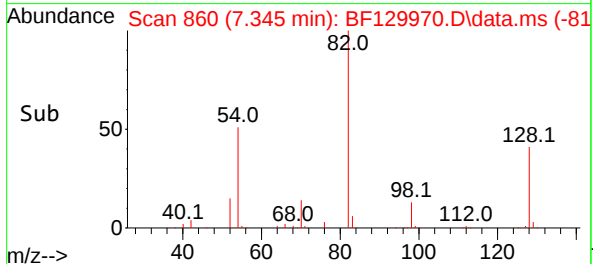
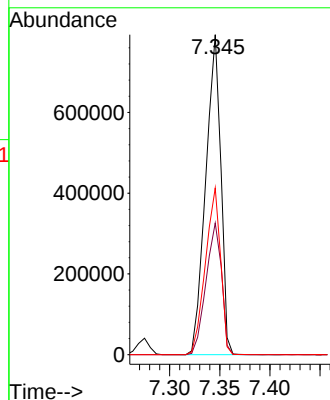
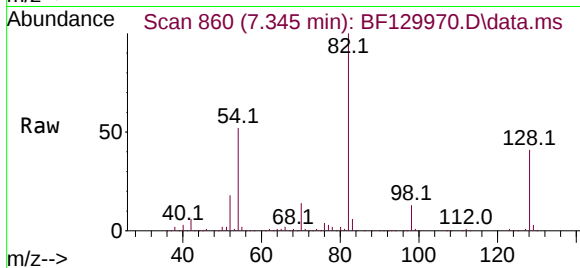
Tgt Ion: 82 Resp: 832585

Ion Ratio Lower Upper

82 100

128 41.2 36.1 54.1

54 52.1 40.0 60.0



#24

Nitrobenzene

Concen: 41.158 ng

RT: 7.363 min Scan# 863

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

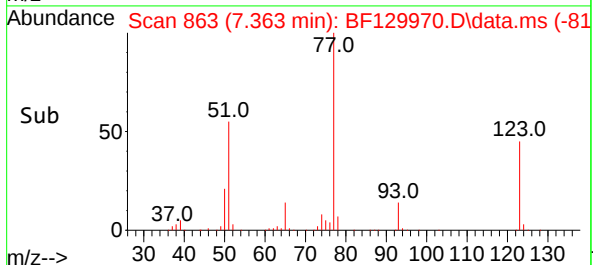
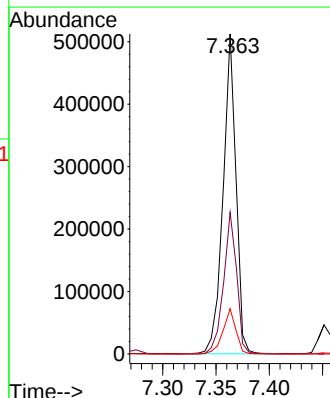
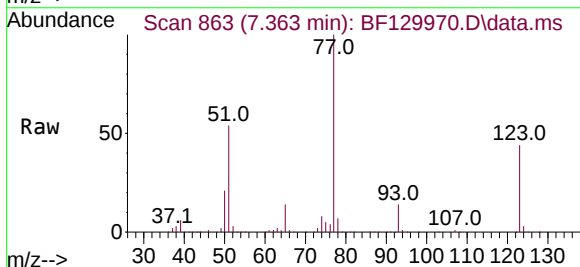
Tgt Ion: 77 Resp: 430623

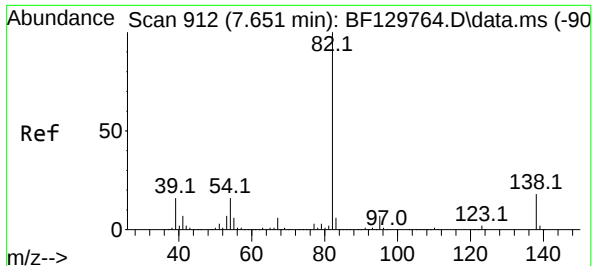
Ion Ratio Lower Upper

77 100

123 44.3 39.2 58.8

65 14.1 11.1 16.7

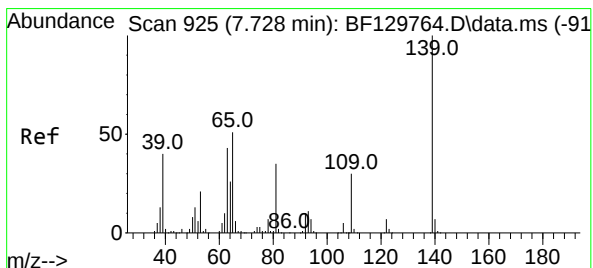
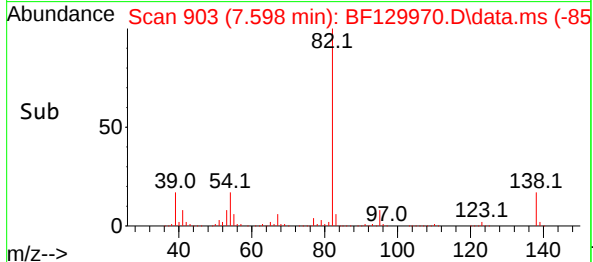
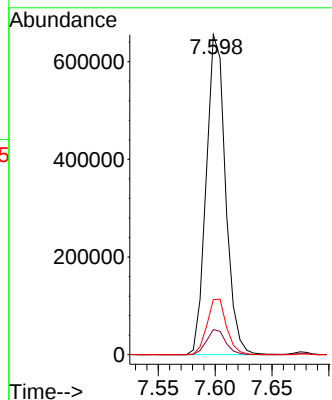
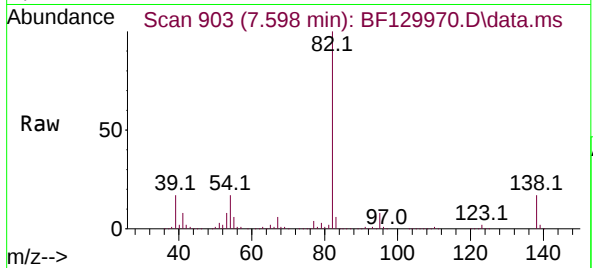




#25
Isophorone
Concen: 43.372 ng
RT: 7.598 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

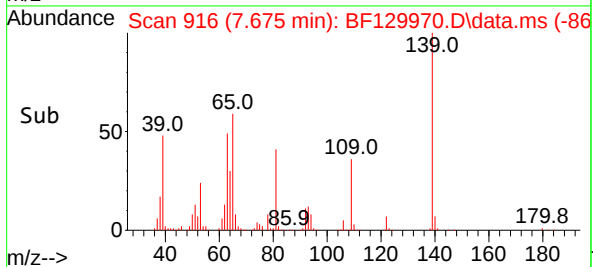
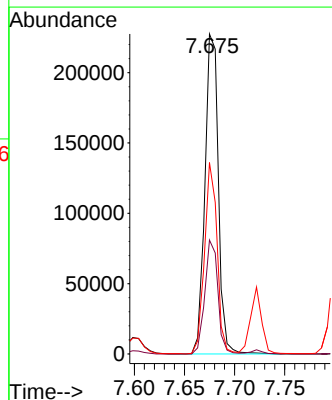
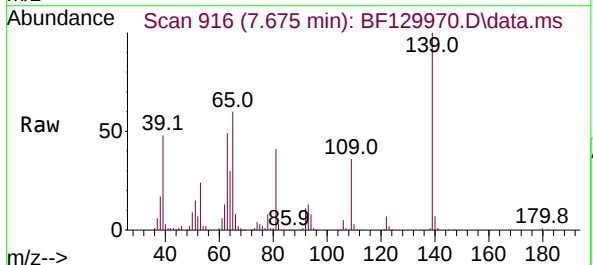
Instrument :
BNA_F
ClientSampleId :
PB147052BS

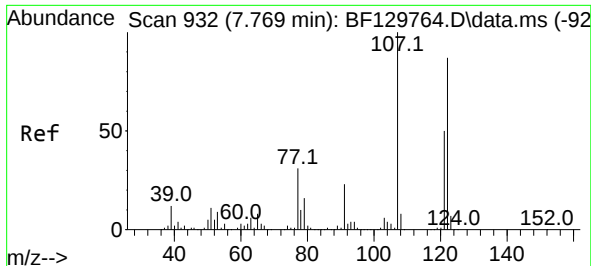
Tgt Ion: 82 Resp: 774559
Ion Ratio Lower Upper
82 100
95 7.9 5.9 8.9
138 17.2 14.6 21.8



#26
2-Nitrophenol
Concen: 41.483 ng
RT: 7.675 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion: 139 Resp: 213487
Ion Ratio Lower Upper
139 100
109 35.6 24.4 36.6
65 59.8 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 45.863 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB147052BS

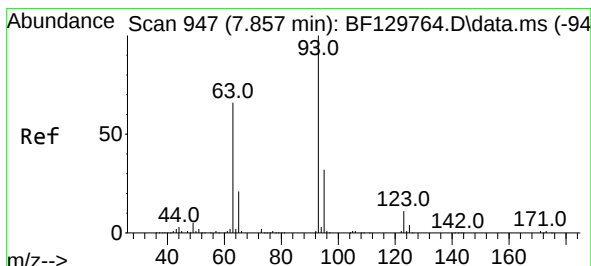
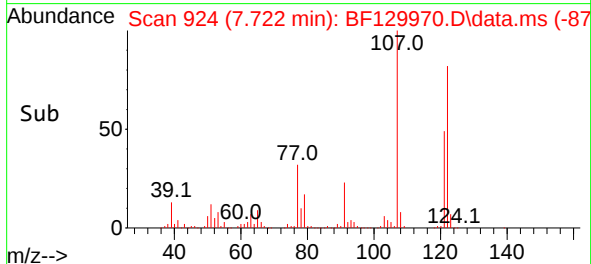
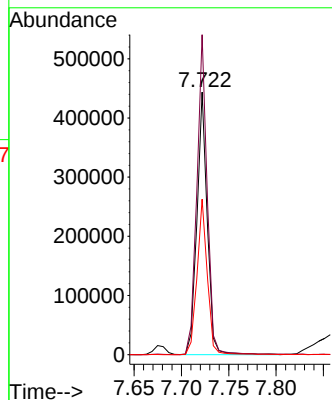
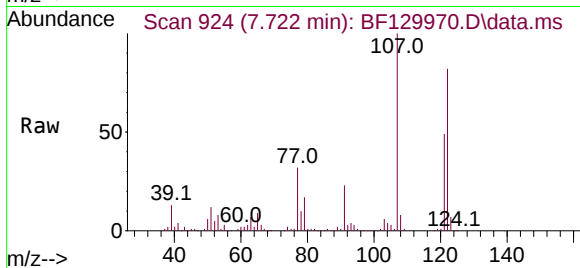
Tgt Ion:122 Resp: 338490

Ion Ratio Lower Upper

122 100

107 121.9 92.2 138.4

121 59.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.885 ng

RT: 7.804 min Scan# 938

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

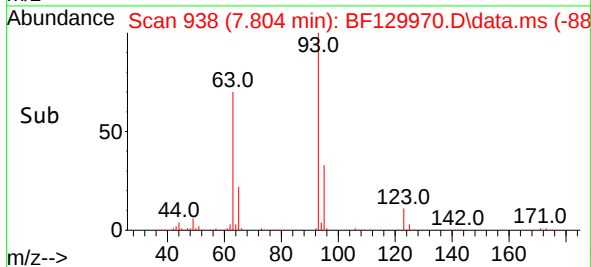
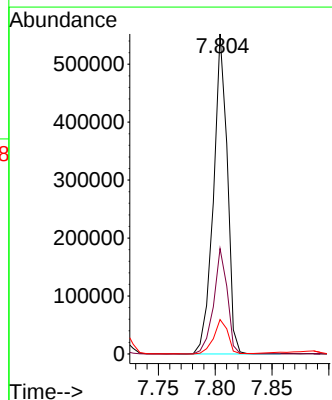
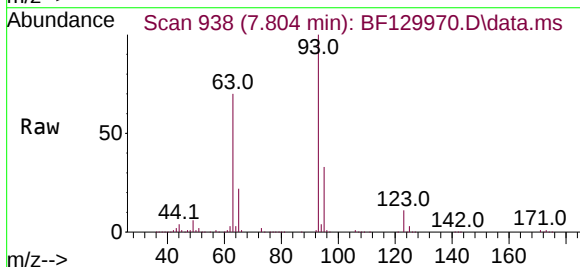
Tgt Ion: 93 Resp: 468023

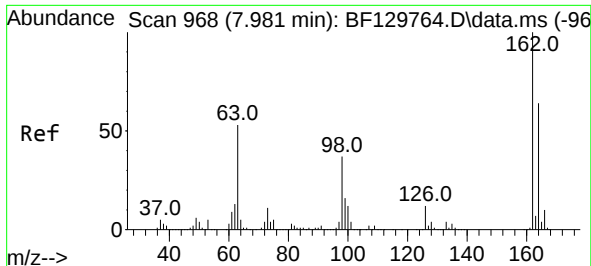
Ion Ratio Lower Upper

93 100

95 33.0 25.6 38.4

123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.955 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB147052BS

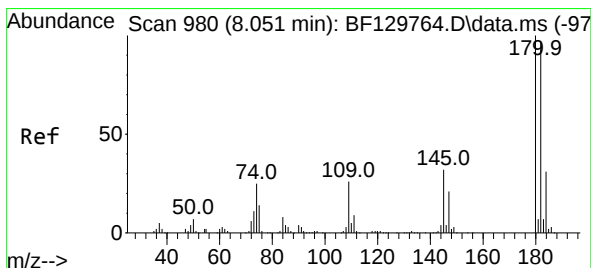
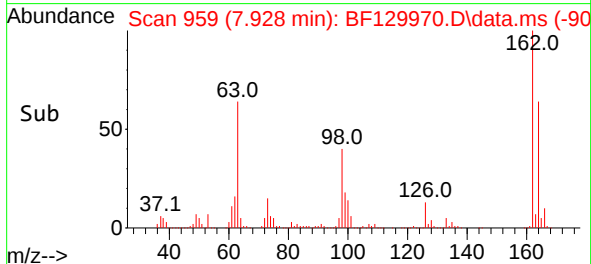
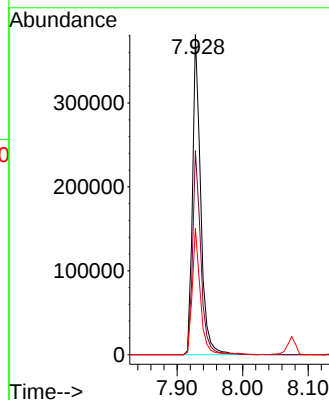
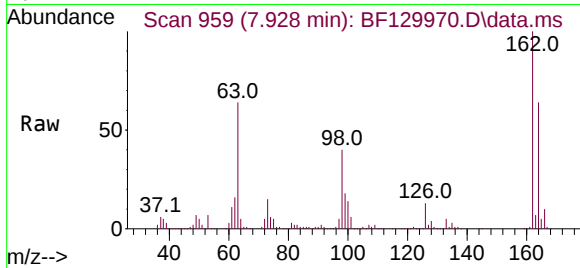
Tgt Ion:162 Resp: 330515

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 39.5 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 39.398 ng

RT: 7.992 min Scan# 970

Delta R.T. -0.012 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

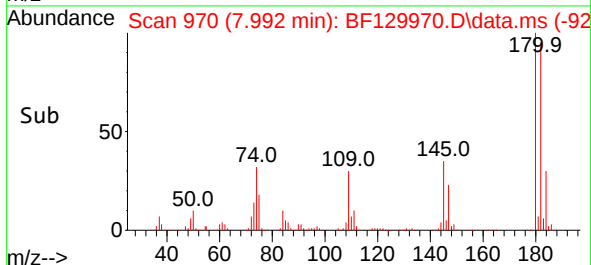
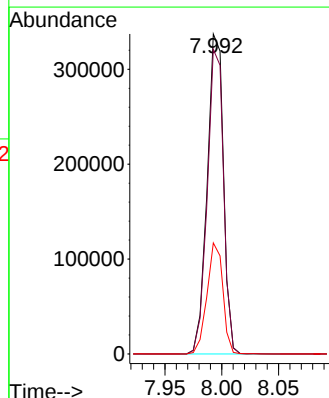
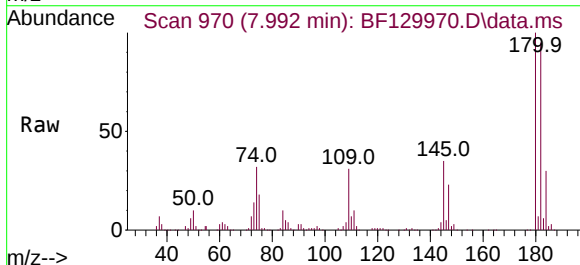
Tgt Ion:180 Resp: 335425

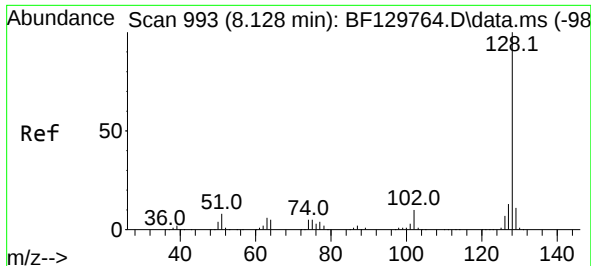
Ion Ratio Lower Upper

180 100

182 95.2 77.6 116.4

145 34.7 25.6 38.4





#31

Naphthalene

Concen: 39.775 ng

RT: 8.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB147052BS

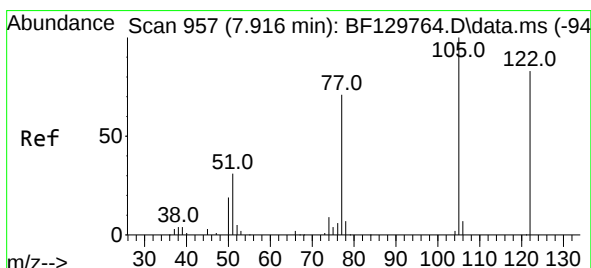
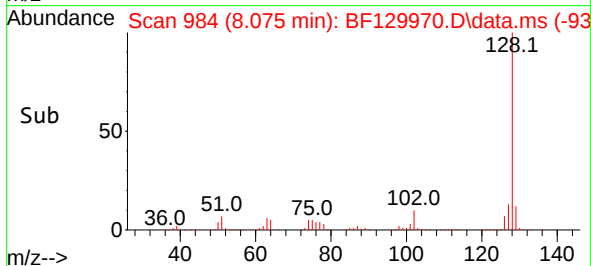
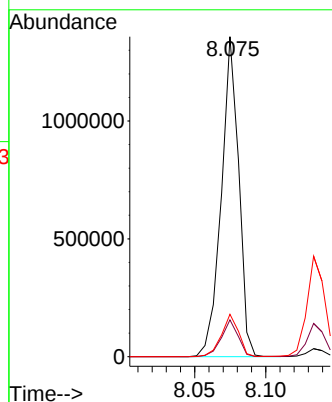
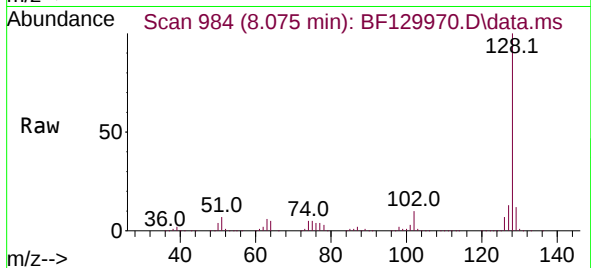
Tgt Ion:128 Resp: 1155142

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 49.433 ng

RT: 7.887 min Scan# 952

Delta R.T. 0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

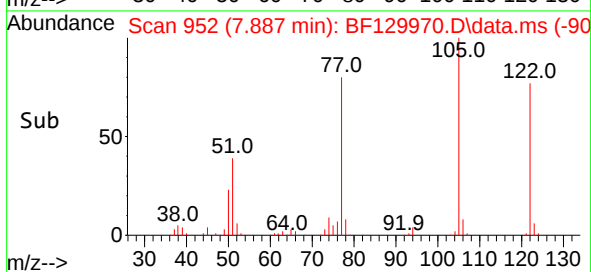
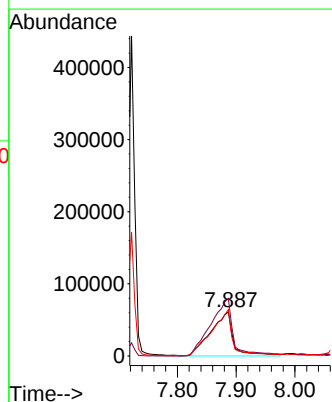
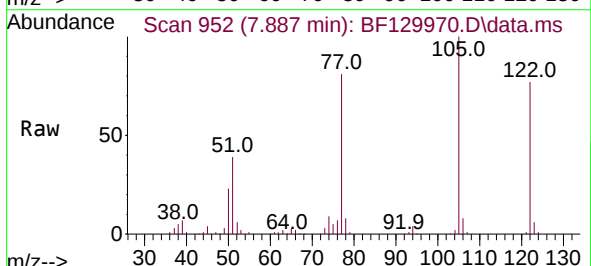
Tgt Ion:122 Resp: 165519

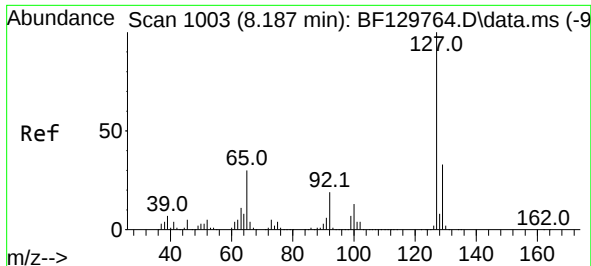
Ion Ratio Lower Upper

122 100

105 130.5 99.9 139.9

77 105.3 65.9 105.9





#33

4-Chloroaniline

Concen: 36.994 ng

RT: 8.134 min Scan# 94

Delta R.T. -0.012 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB147052BS

Tgt Ion:127 Resp: 422495

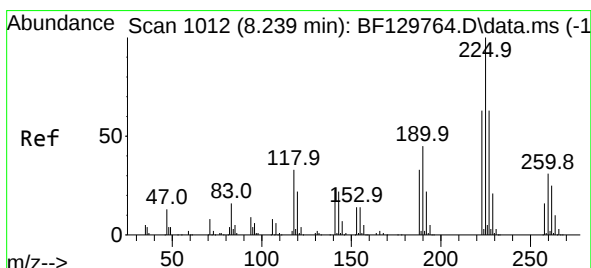
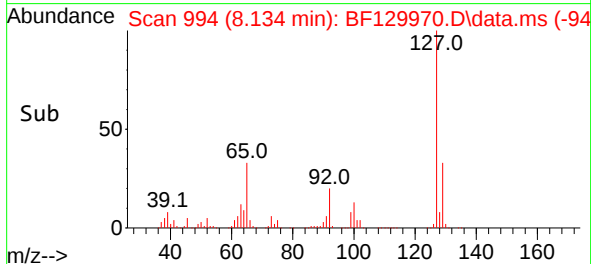
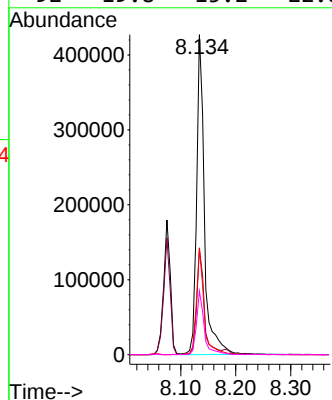
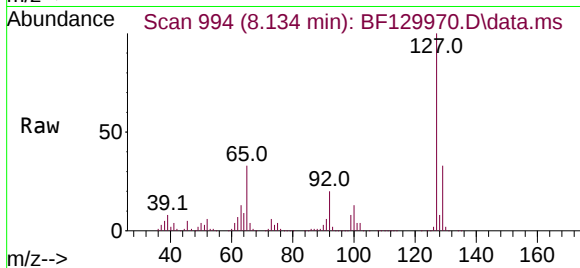
Ion Ratio Lower Upper

127 100

129 33.1 26.7 40.1

65 33.4 24.2 36.2

92 19.8 15.2 22.8



#34

Hexachlorobutadiene

Concen: 40.490 ng

RT: 8.187 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

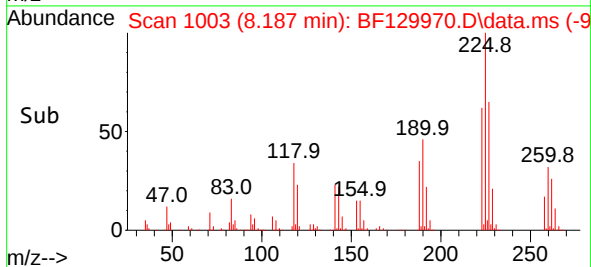
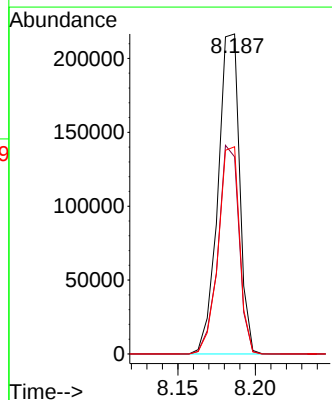
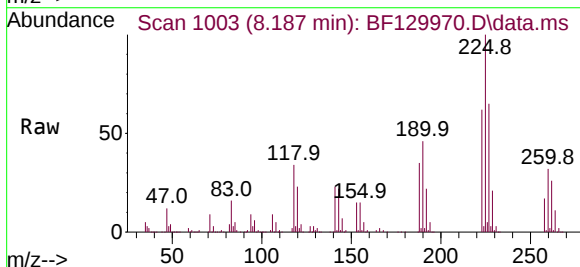
Tgt Ion:225 Resp: 209905

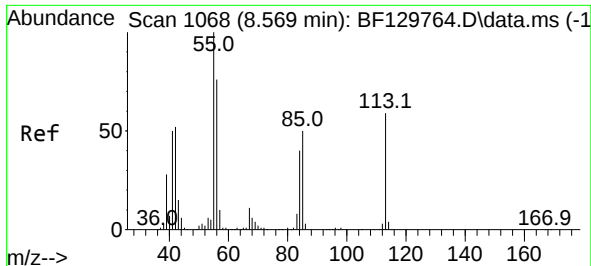
Ion Ratio Lower Upper

225 100

223 61.6 50.2 75.2

227 64.7 50.6 75.8

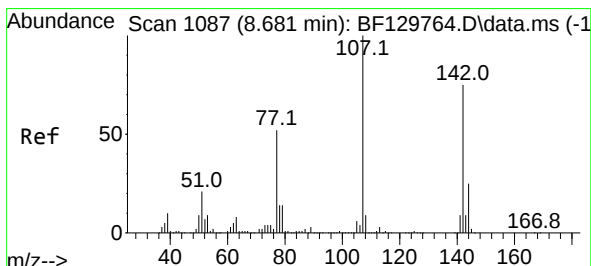
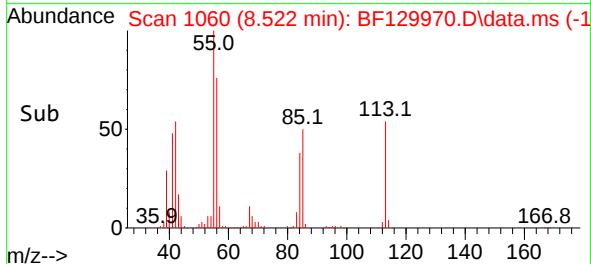
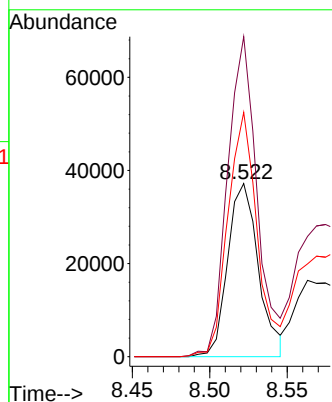
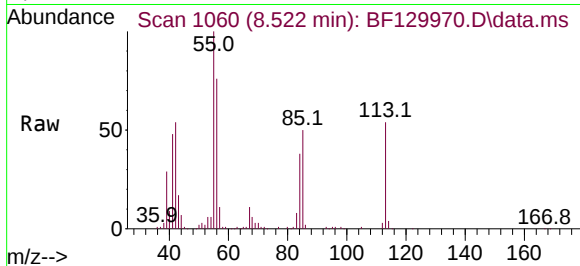




#35
 Caprolactam
 Concen: 20.471 ng
 RT: 8.522 min Scan# 1060
 Delta R.T. -0.006 min
 Lab File: BF129970.D
 Acq: 24 Aug 2022 12:53

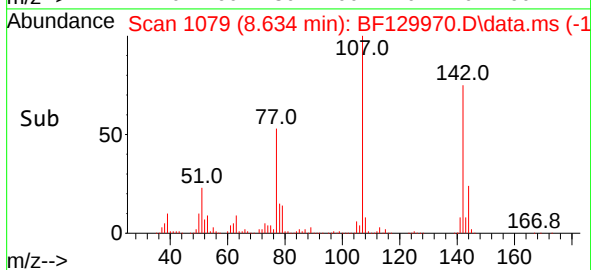
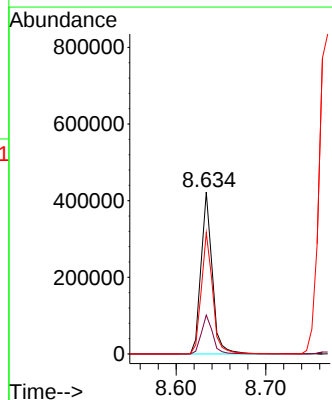
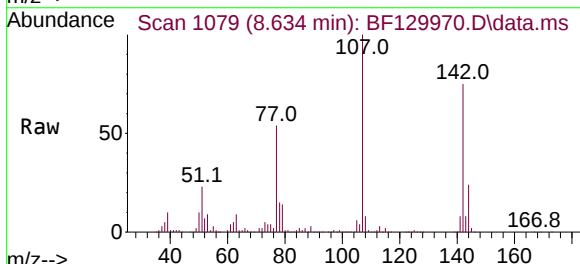
Instrument :
 BNA_F
 ClientSampleId :
 PB147052BS

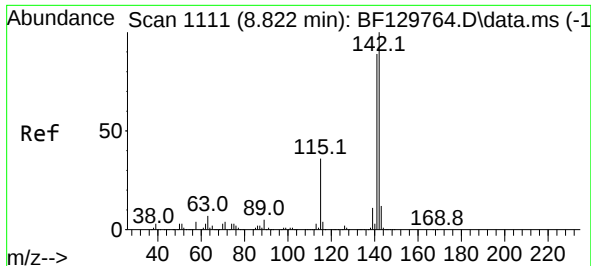
Tgt Ion:113 Resp: 51376
 Ion Ratio Lower Upper
 113 100
 55 184.8 148.8 188.8
 56 141.1 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.466 ng
 RT: 8.634 min Scan# 1079
 Delta R.T. 0.000 min
 Lab File: BF129970.D
 Acq: 24 Aug 2022 12:53

Tgt Ion:107 Resp: 369723
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.9 29.9
 142 75.0 60.2 90.4

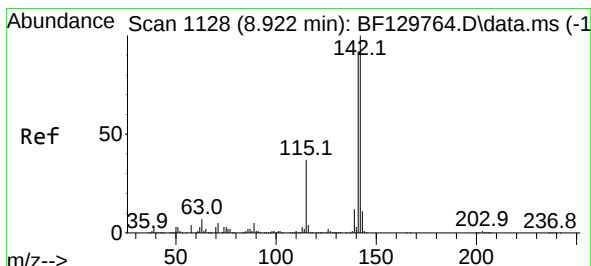
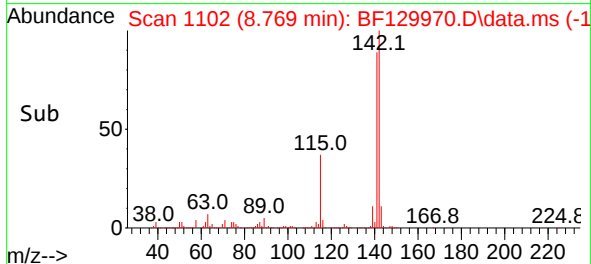
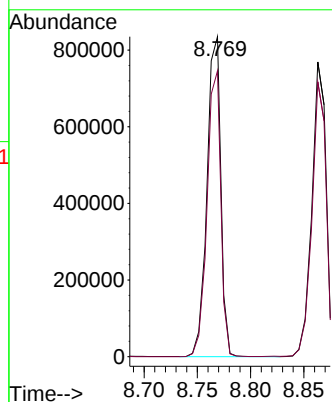
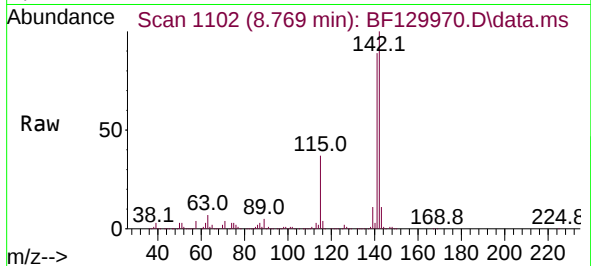




#37
2-Methylnaphthalene
Concen: 39.627 ng
RT: 8.769 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

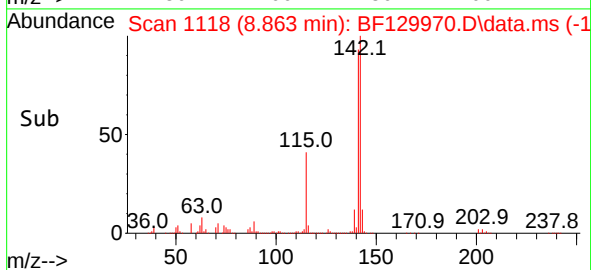
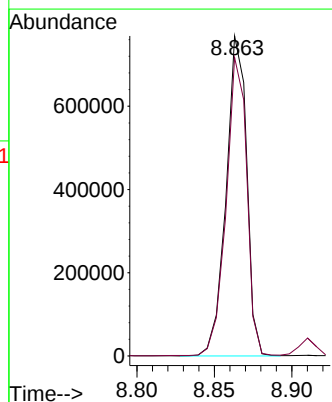
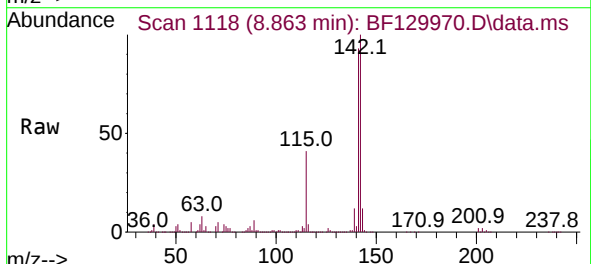
Instrument :
BNA_F
ClientSampleId :
PB147052BS

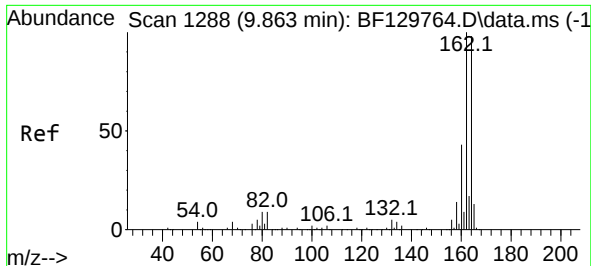
Tgt Ion:142 Resp: 755341
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3



#38
1-Methylnaphthalene
Concen: 38.308 ng
RT: 8.863 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:142 Resp: 709642
Ion Ratio Lower Upper
142 100
141 93.3 73.5 110.3

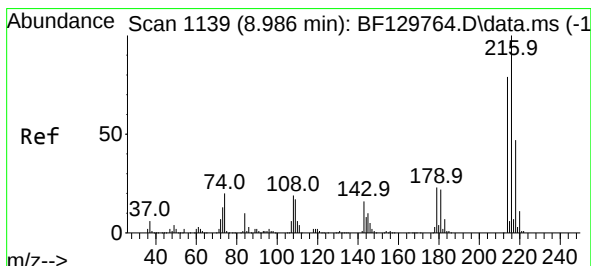
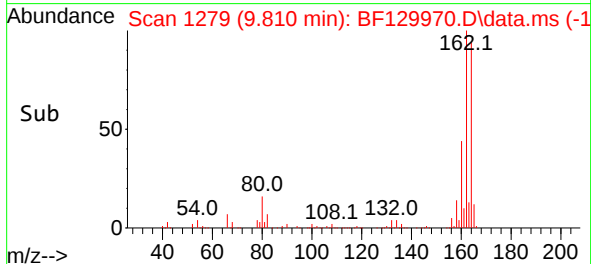
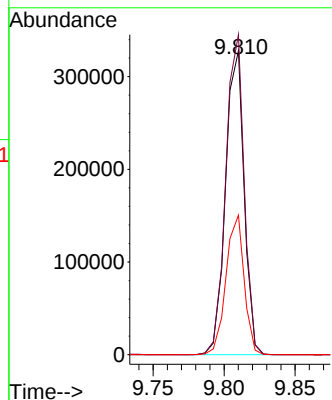
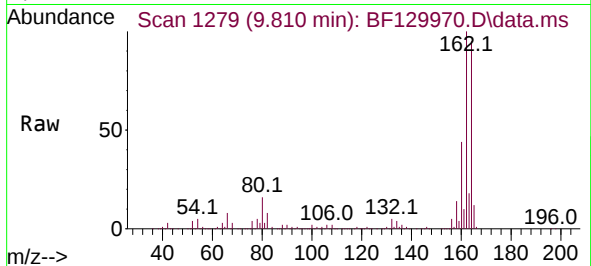




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

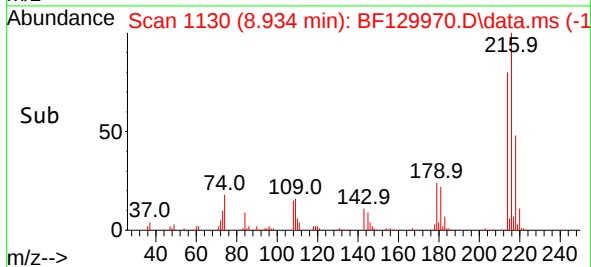
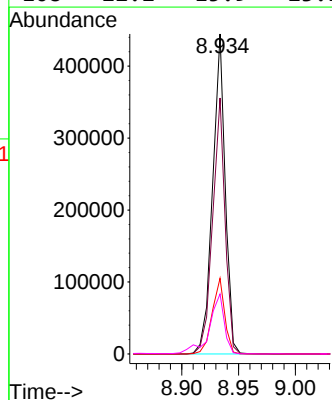
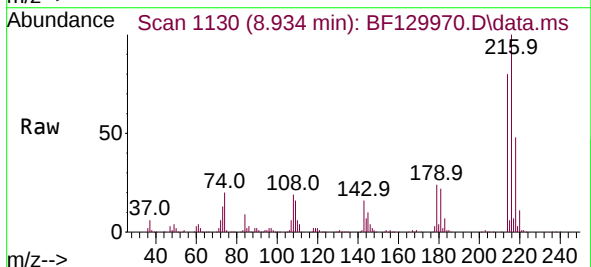
Instrument :
BNA_F
ClientSampleId :
PB147052BS

Tgt Ion:164 Resp: 296851
Ion Ratio Lower Upper
164 100
162 105.3 82.0 123.0
160 45.9 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.483 ng
RT: 8.934 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:216 Resp: 342503
Ion Ratio Lower Upper
216 100
214 78.9 63.1 94.7
179 23.5 18.1 27.1
108 22.2 15.9 23.9

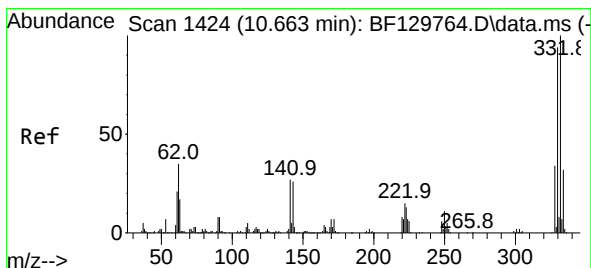
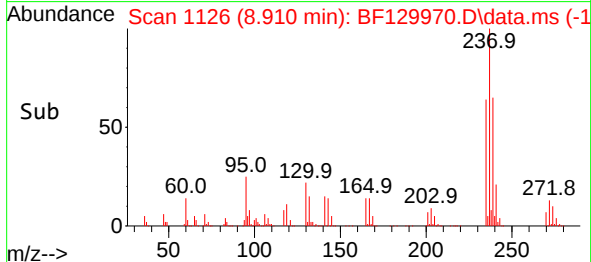
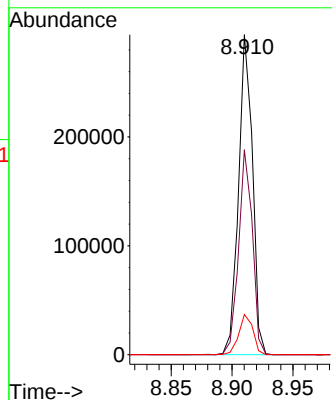
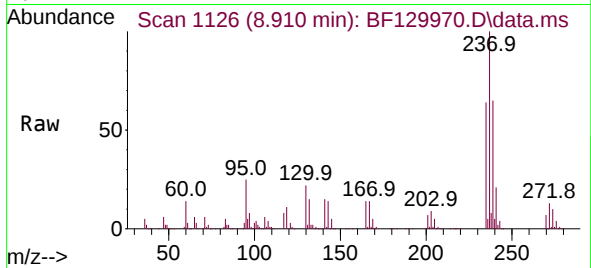




#41
Hexachlorocyclopentadiene
Concen: 84.551 ng
RT: 8.910 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

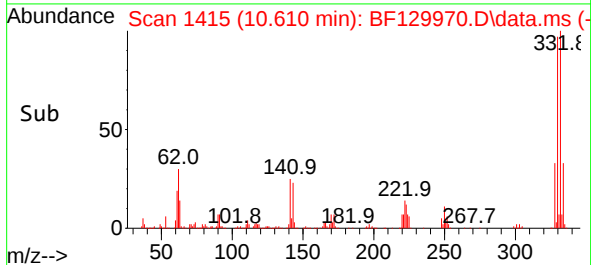
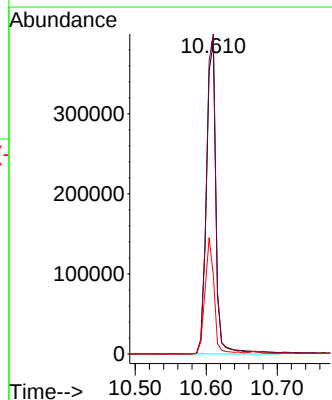
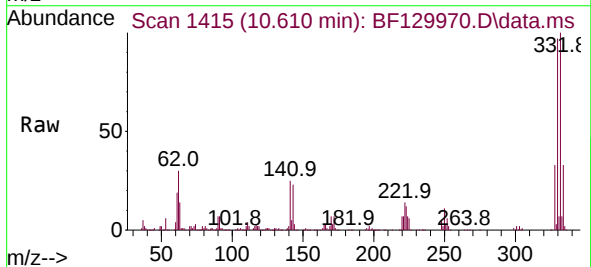
Instrument :
BNA_F
ClientSampleId :
PB147052BS

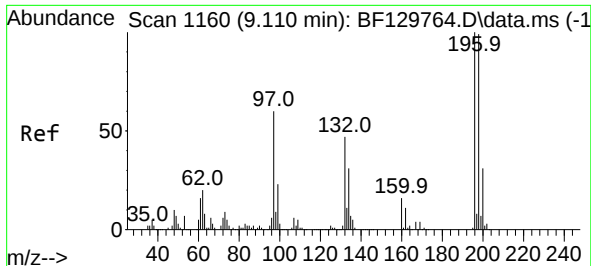
Tgt Ion:237 Resp: 234040
Ion Ratio Lower Upper
237 100
235 64.1 41.5 81.5
272 12.6 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 122.390 ng
RT: 10.610 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:330 Resp: 364643
Ion Ratio Lower Upper
330 100
332 104.0 82.6 124.0
141 35.6 27.6 41.4

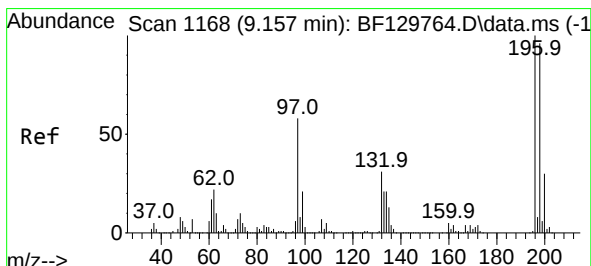
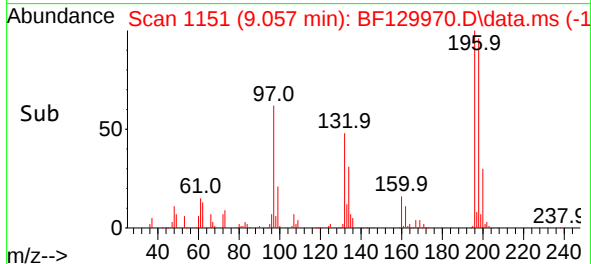
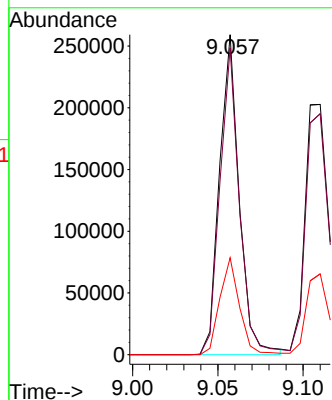
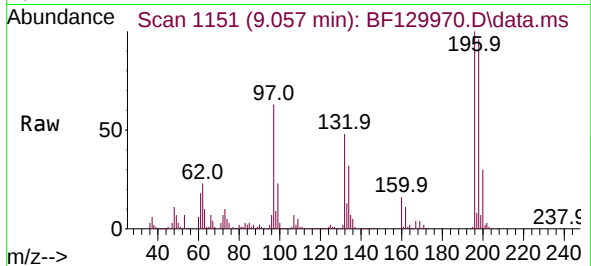




#43
2,4,6-Trichlorophenol
Concen: 38.873 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

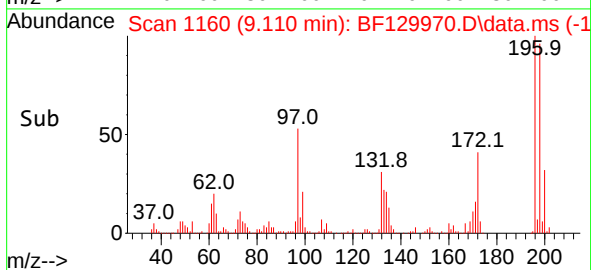
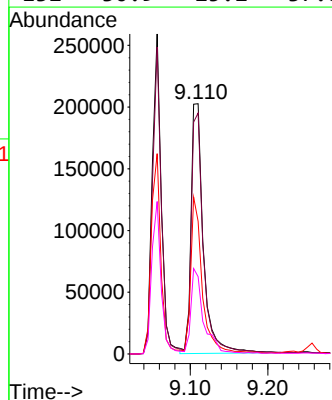
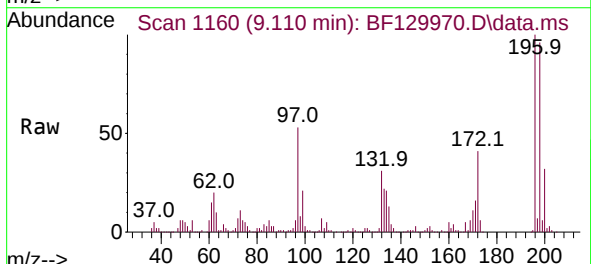
Instrument :
BNA_F
ClientSampleId :
PB147052BS

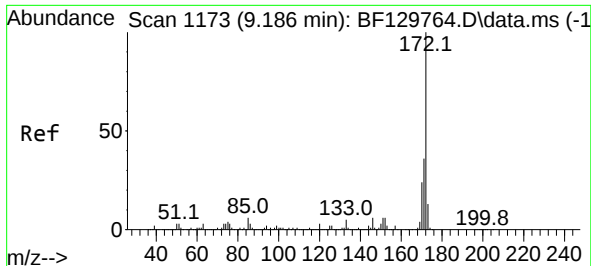
Tgt Ion:196 Resp: 208532
Ion Ratio Lower Upper
196 100
198 95.9 79.0 118.4
200 30.3 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 38.856 ng
RT: 9.110 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:196 Resp: 224248
Ion Ratio Lower Upper
196 100
198 96.3 76.4 114.6
97 53.0 46.5 69.7
132 30.9 25.2 37.8

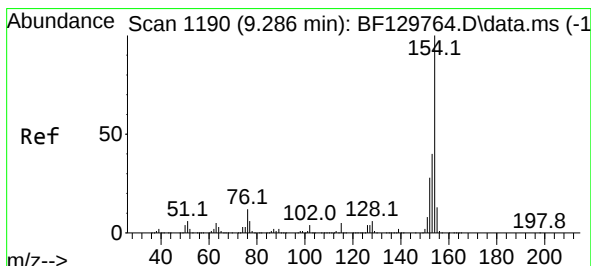
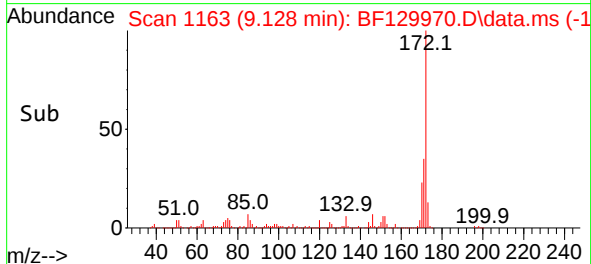
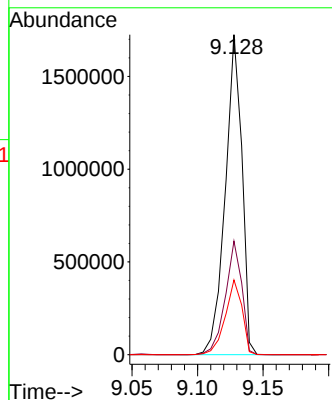
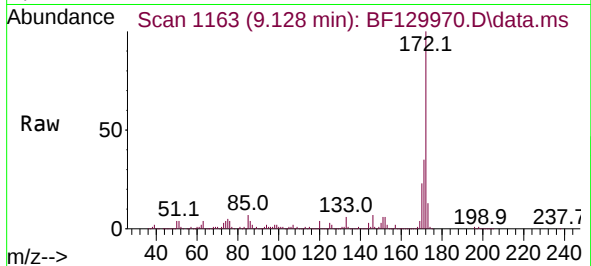




#45
2-Fluorobiphenyl
Concen: 77.744 ng
RT: 9.128 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

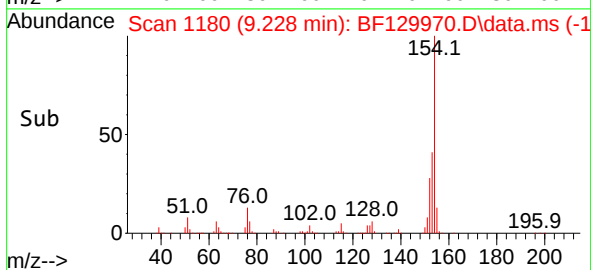
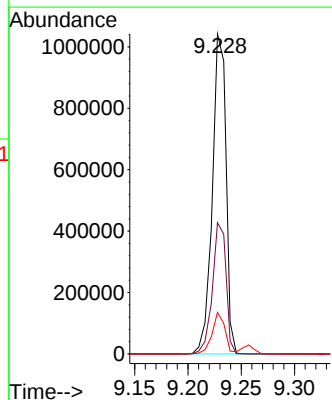
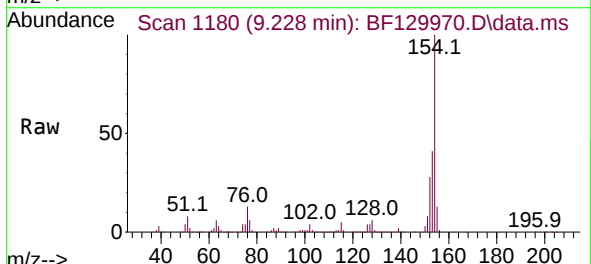
Instrument :
BNA_F
ClientSampleId :
PB147052BS

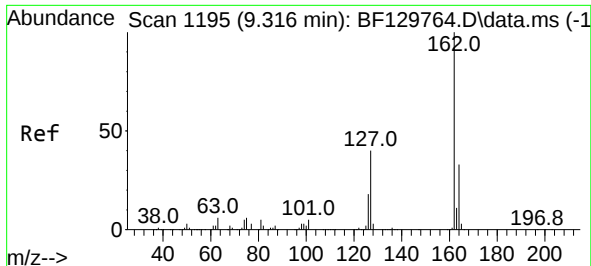
Tgt Ion:172 Resp: 1519503
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 19.1 28.7



#46
1,1'-Biphenyl
Concen: 41.259 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:154 Resp: 930456
Ion Ratio Lower Upper
154 100
153 41.0 20.2 60.2
76 13.0 0.0 32.1

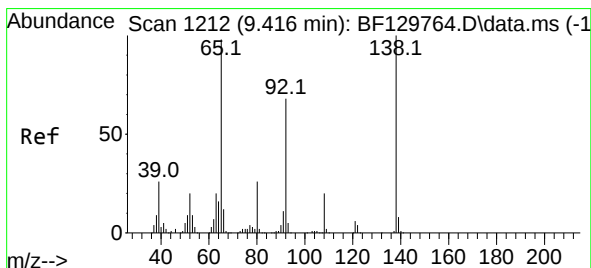
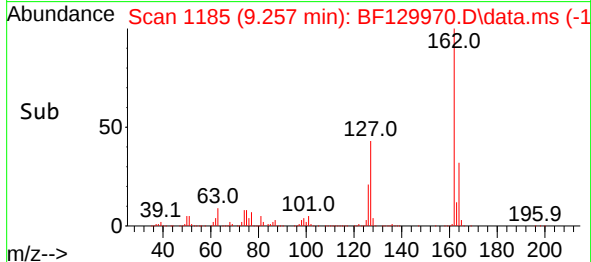
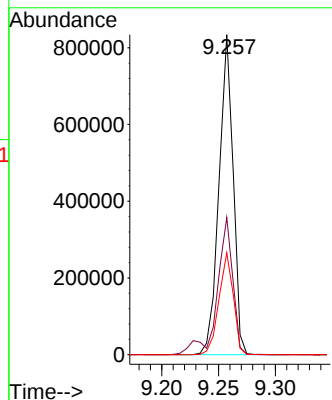
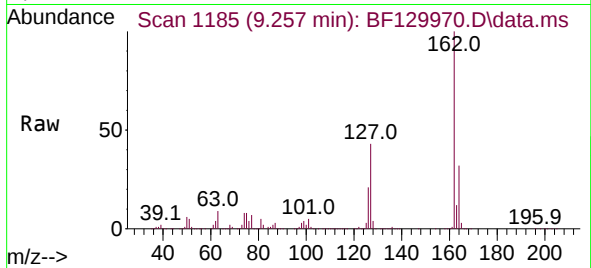




#47
2-Chloronaphthalene
Concen: 40.590 ng
RT: 9.257 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

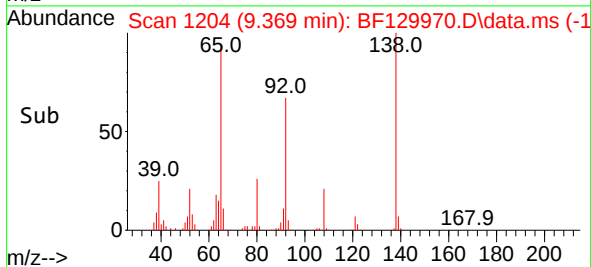
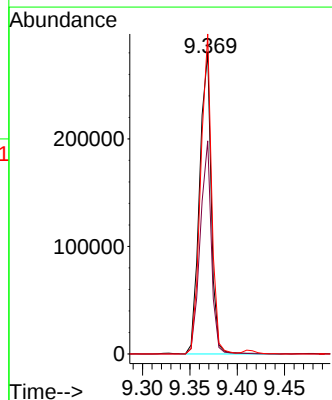
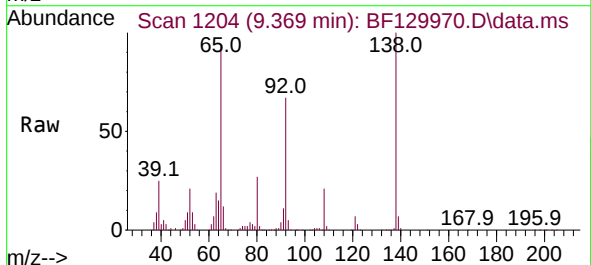
Instrument :
BNA_F
ClientSampleId :
PB147052BS

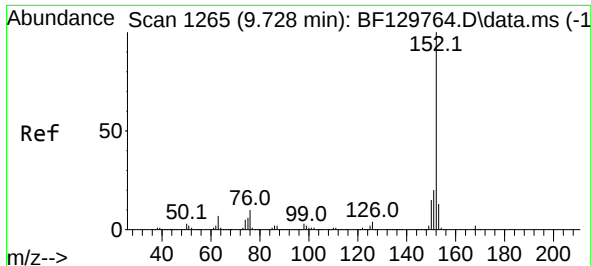
Tgt Ion:162 Resp: 724261
Ion Ratio Lower Upper
162 100
127 42.9 33.1 49.7
164 31.8 26.7 40.1



#48
2-Nitroaniline
Concen: 42.592 ng
RT: 9.369 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion: 65 Resp: 240174
Ion Ratio Lower Upper
65 100
92 70.7 55.0 82.4
138 106.2 81.3 121.9

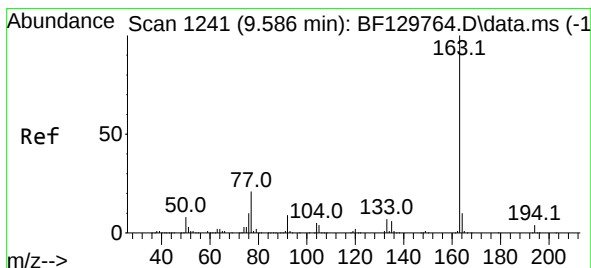
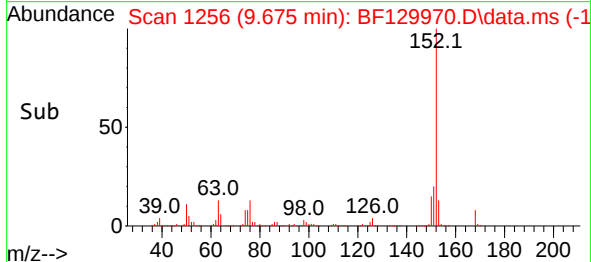
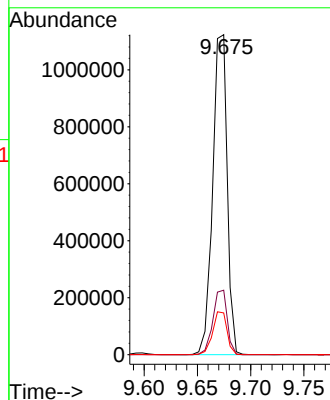
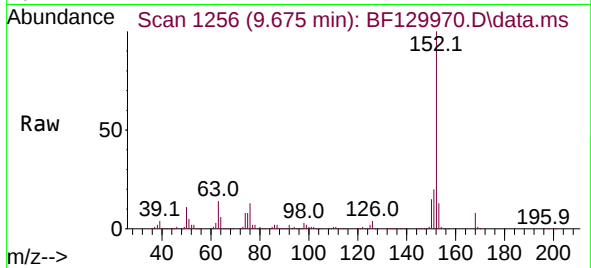




#49
Acenaphthylene
Concen: 39.311 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

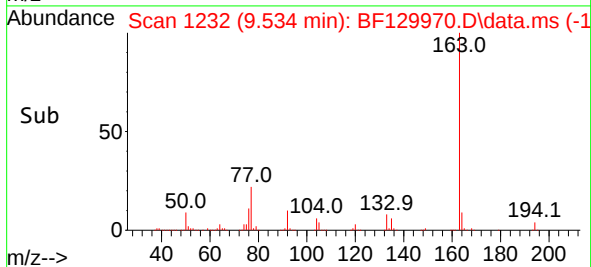
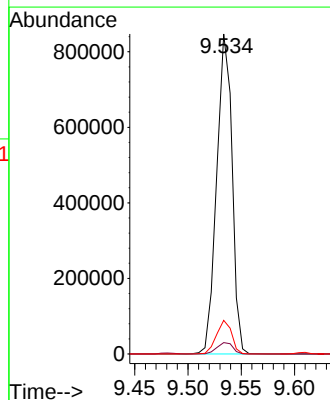
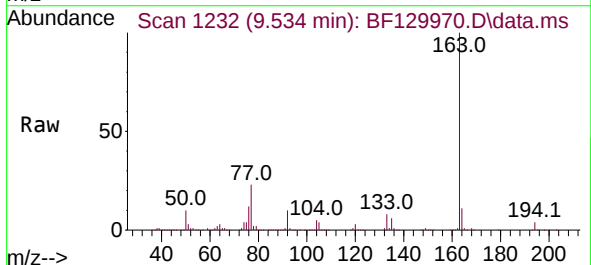
Instrument :
BNA_F
ClientSampleId :
PB147052BS

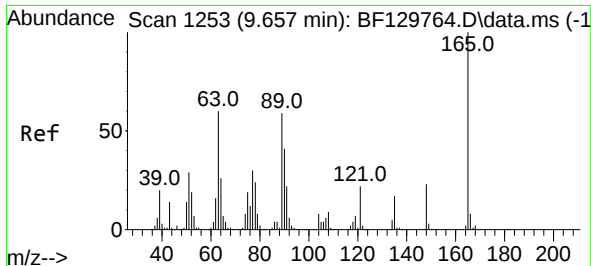
Tgt Ion:152 Resp: 1063673
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.1 10.6 16.0



#50
Dimethylphthalate
Concen: 39.878 ng
RT: 9.534 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:163 Resp: 848619
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.5 8.2 12.2

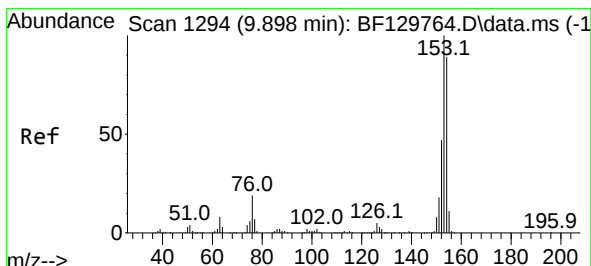
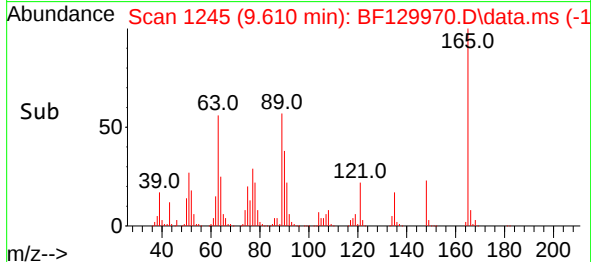
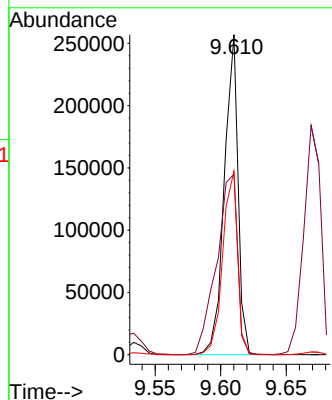
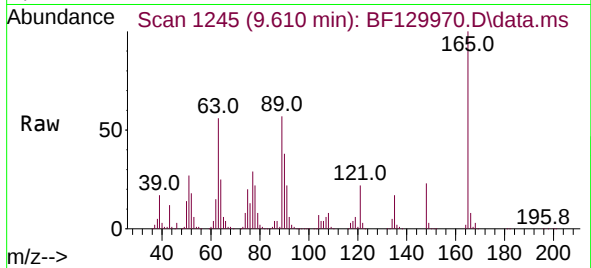




#51
2,6-Dinitrotoluene
Concen: 40.444 ng
RT: 9.610 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

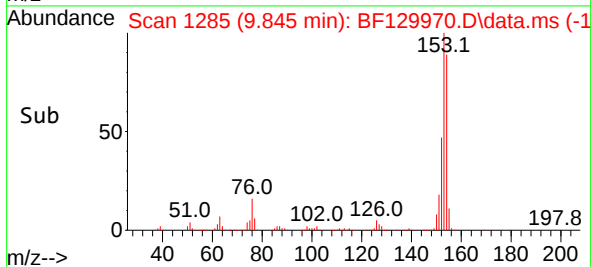
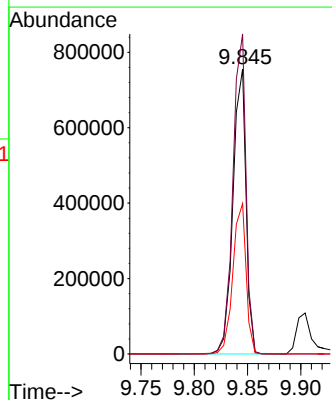
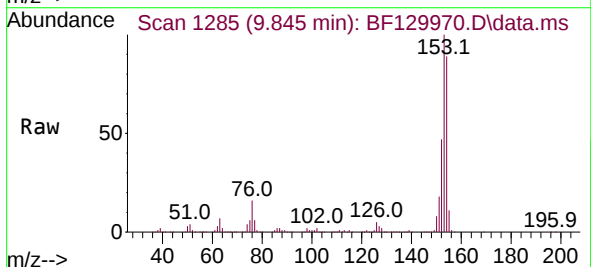
Instrument :
BNA_F
ClientSampleId :
PB147052BS

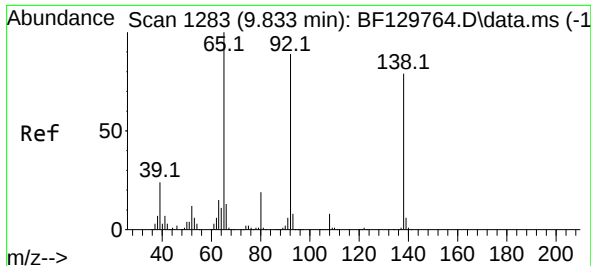
Tgt Ion:165 Resp: 186696
Ion Ratio Lower Upper
165 100
63 56.4 47.8 71.8
89 57.3 47.2 70.8



#52
Acenaphthene
Concen: 39.407 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:154 Resp: 646913
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.6
152 52.8 42.1 63.1

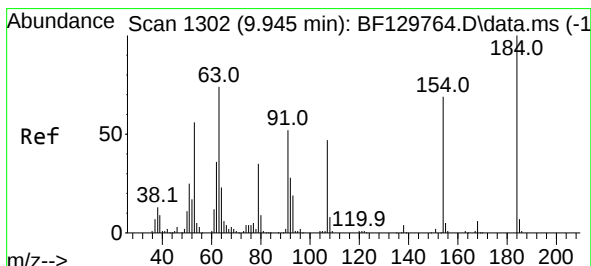
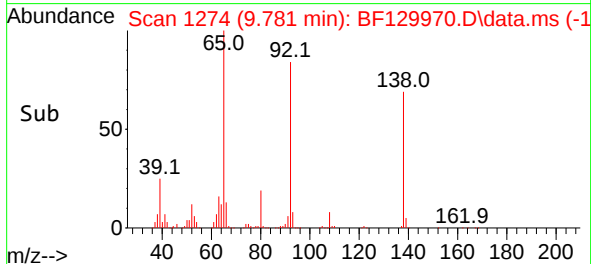
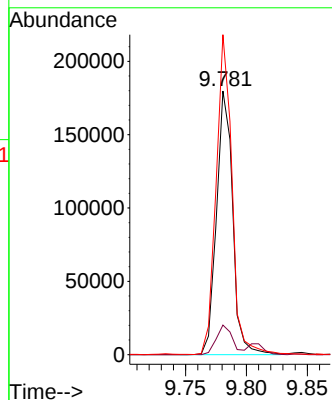
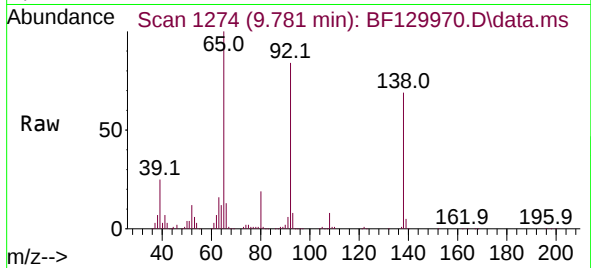




#53
3-Nitroaniline
Concen: 32.601 ng
RT: 9.781 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

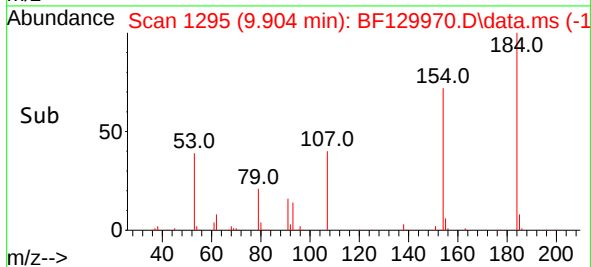
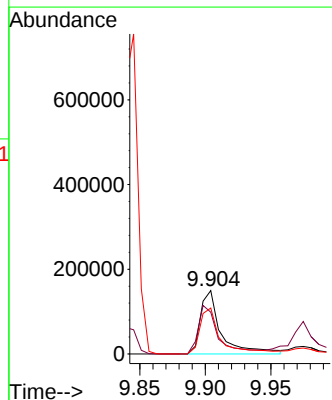
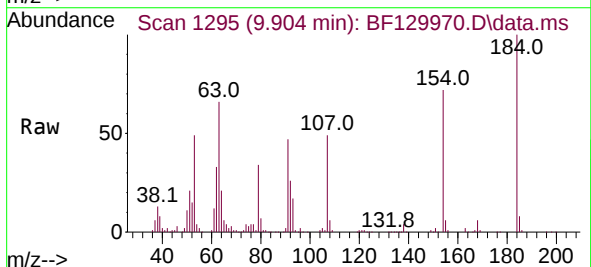
Instrument :
BNA_F
ClientSampleId :
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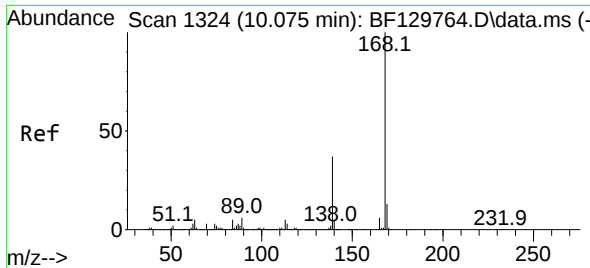
Tgt Ion:138 Resp: 166425
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 121.4 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 79.103 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:184 Resp: 164957
Ion Ratio Lower Upper
184 100
63 66.0 59.6 89.4
154 72.5 55.3 82.9

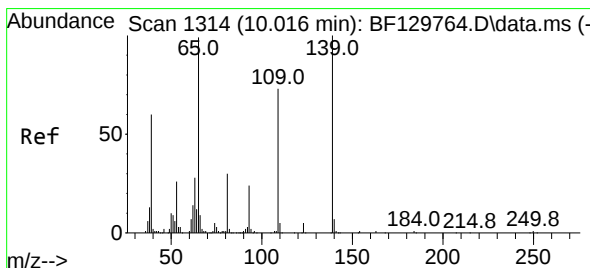
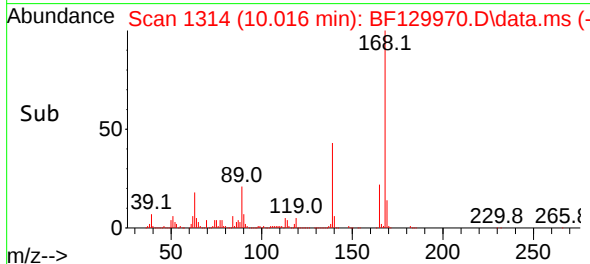
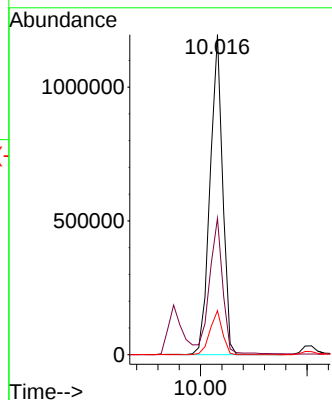
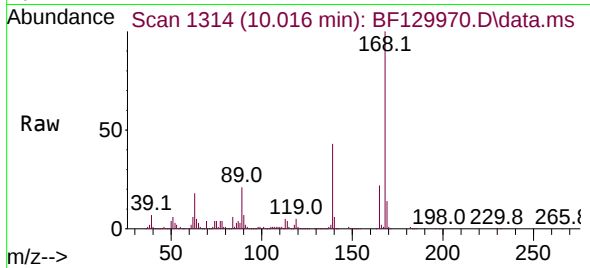




#55
Dibenzenofuran
Concen: 39.680 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

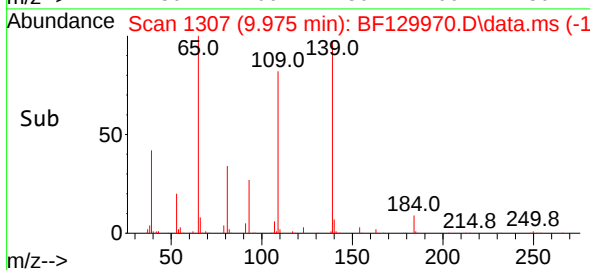
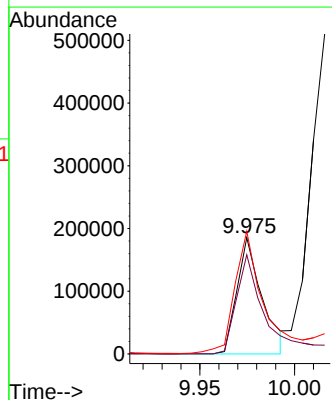
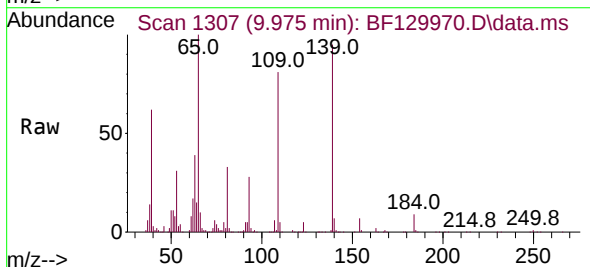
Instrument :
BNA_F
ClientSampleId :
PB147052BS

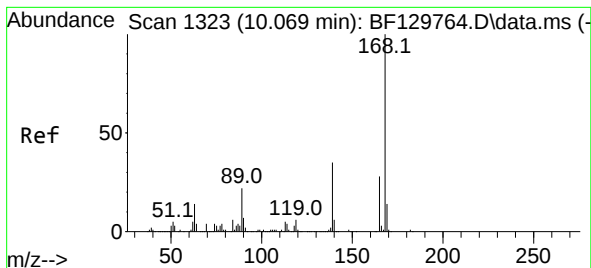
Tgt Ion:168 Resp: 978630
Ion Ratio Lower Upper
168 100
139 42.7 31.3 46.9
169 13.8 10.7 16.1



#56
4-Nitrophenol
Concen: 75.405 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:139 Resp: 171253
Ion Ratio Lower Upper
139 100
109 85.3 52.9 92.9
65 105.5 79.5 119.5

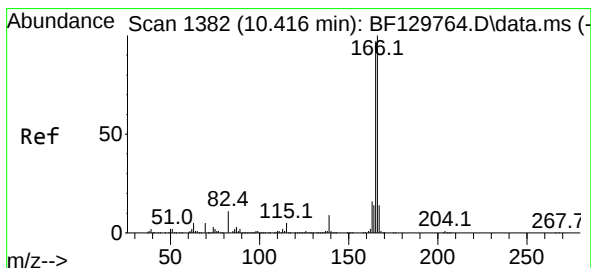
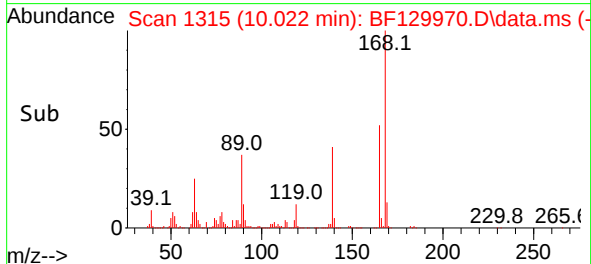
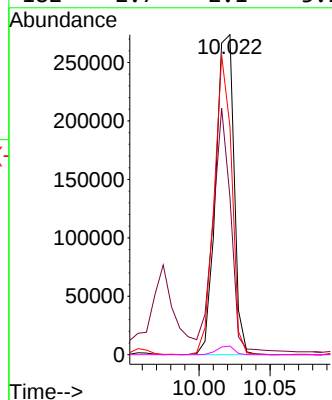
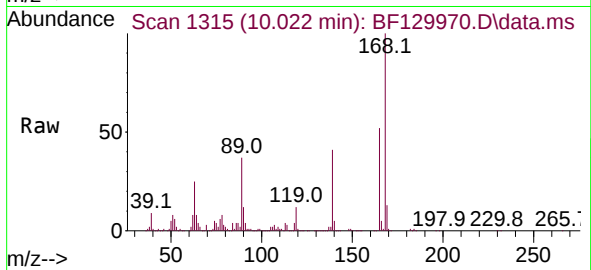




#57
2,4-Dinitrotoluene
Concen: 40.882 ng
RT: 10.022 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

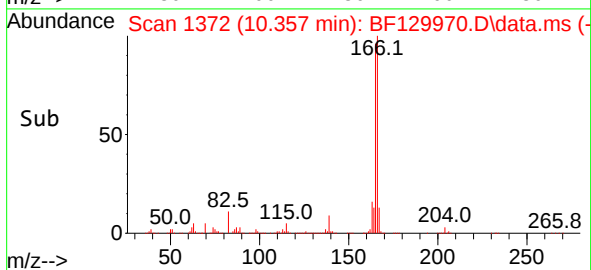
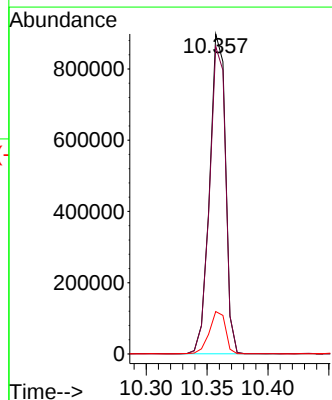
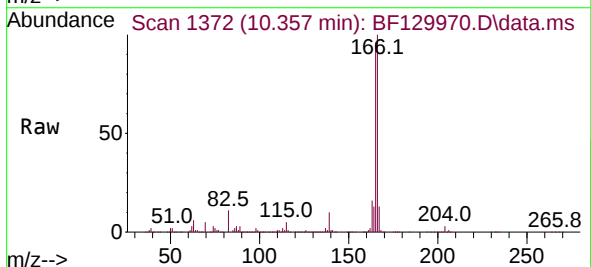
Instrument :
BNA_F
ClientSampleId :
PB147052BS

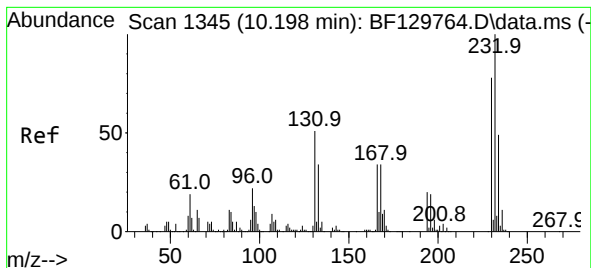
Tgt Ion:165 Resp: 244979
Ion Ratio Lower Upper
165 100
63 49.3 48.4 72.6
89 71.2 62.3 93.5
182 2.7 2.1 3.1



#58
Fluorene
Concen: 39.604 ng
RT: 10.357 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:166 Resp: 815557
Ion Ratio Lower Upper
166 100
165 96.1 77.9 116.9
167 13.2 11.0 16.4

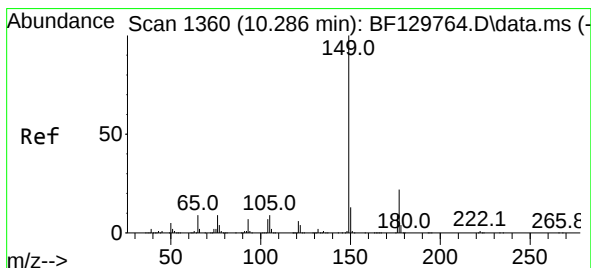
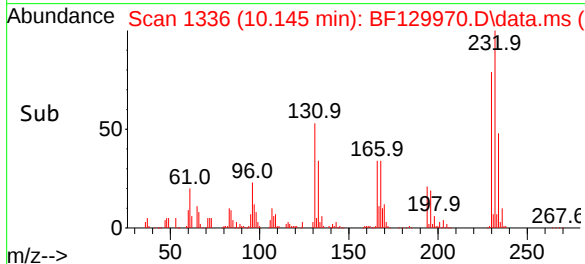
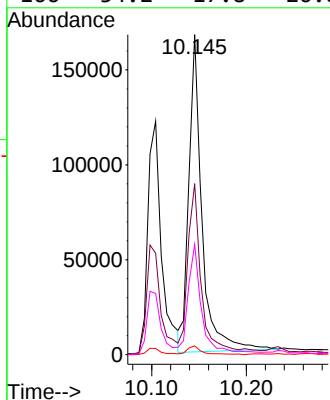
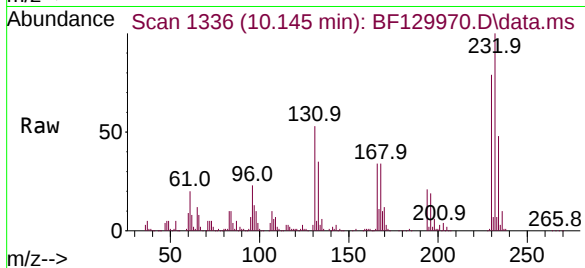




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.060 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

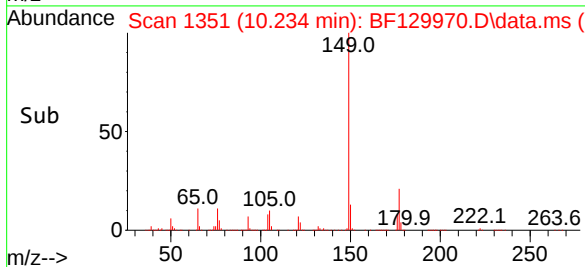
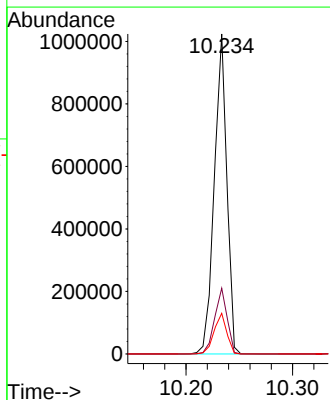
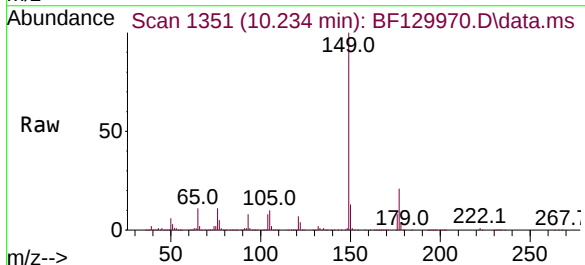
Instrument :
BNA_F
ClientSampleId :
PB147052BS

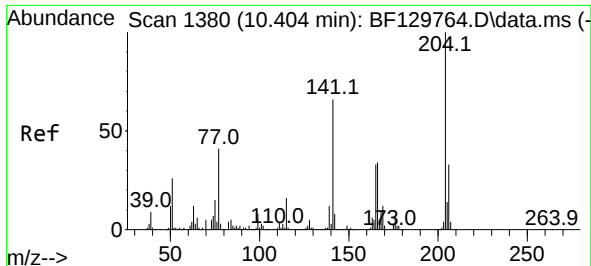
Tgt Ion:232 Resp: 161199
Ion Ratio Lower Upper
232 100
131 52.6 29.9 44.9#
130 3.1 1.5 2.3#
166 34.2 17.8 26.8#



#60
Diethylphthalate
Concen: 39.513 ng
RT: 10.234 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:149 Resp: 838407
Ion Ratio Lower Upper
149 100
177 20.6 17.7 26.5
150 12.7 10.1 15.1

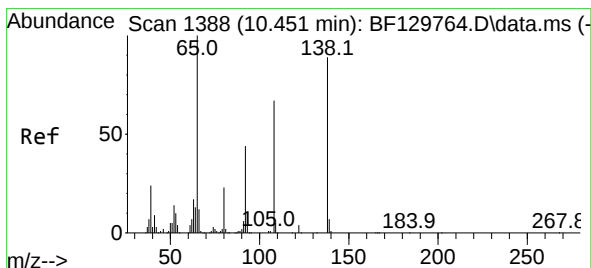
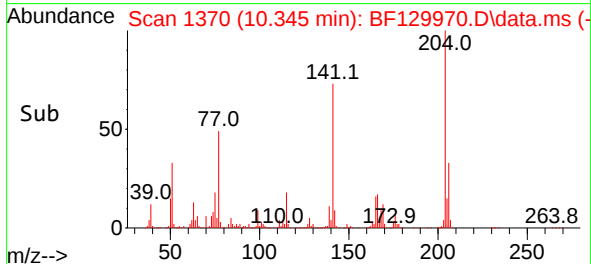
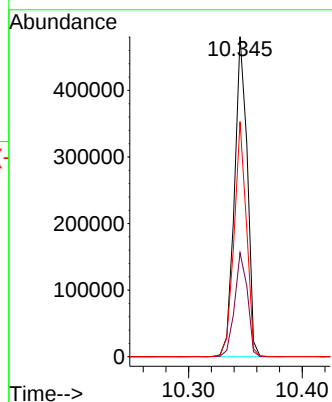
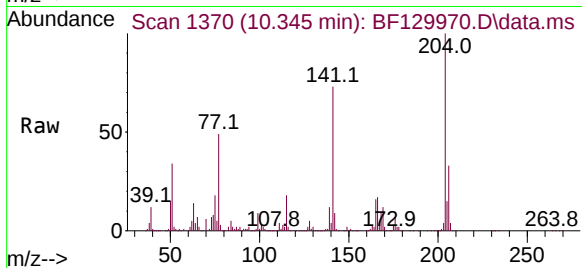




#61
4-Chlorophenyl-phenylether
Concen: 40.527 ng
RT: 10.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

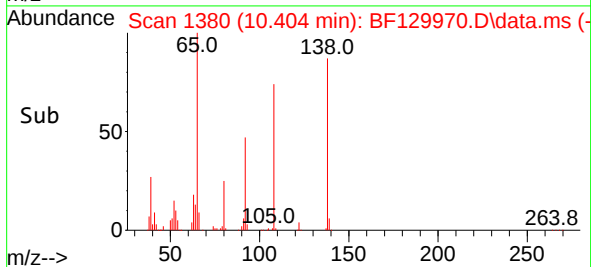
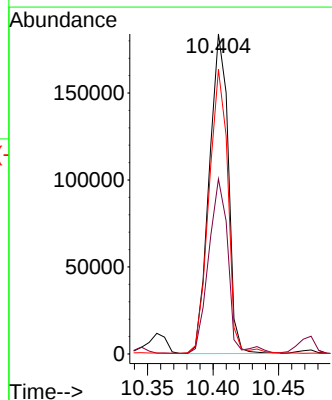
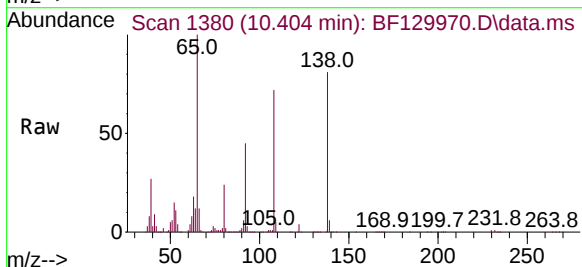
Instrument :
BNA_F
ClientSampleId :
PB147052BS

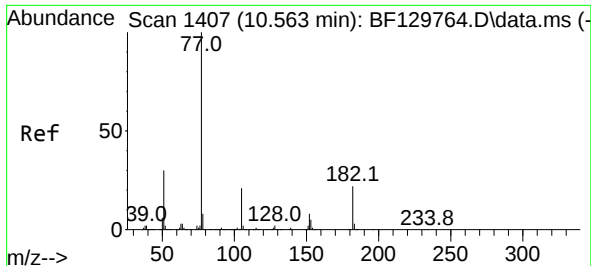
Tgt Ion:204 Resp: 374519
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 73.5 52.6 79.0



#62
4-Nitroaniline
Concen: 36.000 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:138 Resp: 185404
Ion Ratio Lower Upper
138 100
92 54.7 30.3 70.3
108 88.9 55.7 95.7

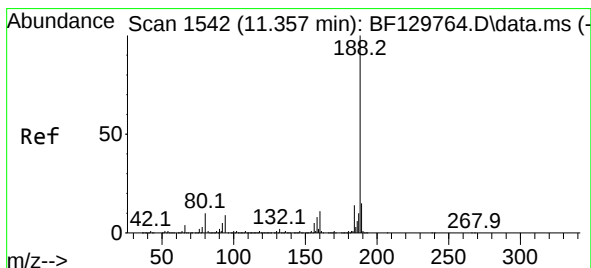
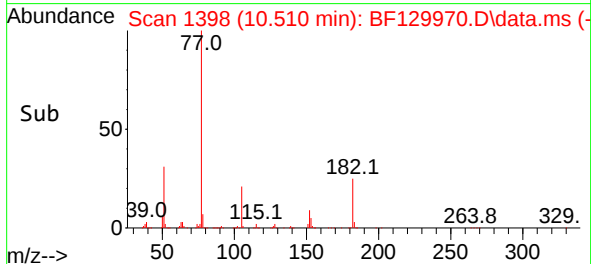
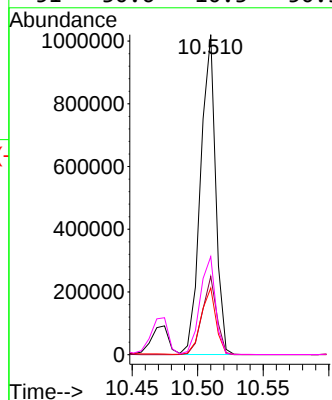
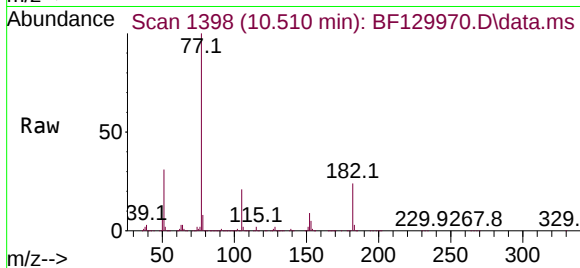




#63
Azobenzene
Concen: 40.311 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

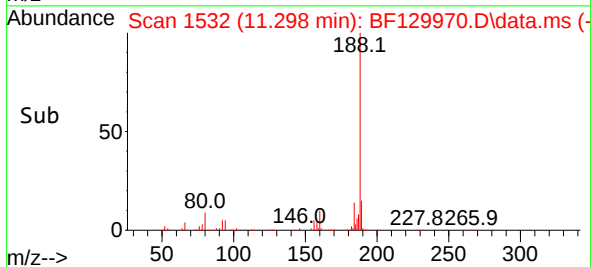
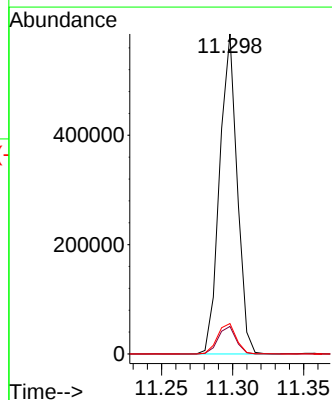
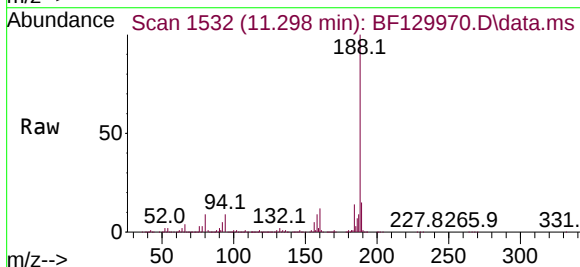
Instrument :
BNA_F
ClientSampleId :
PB147052BS

Tgt Ion: 77	Resp: 817570
Ion Ratio	Lower Upper
77 100	
182 24.5	2.2 42.2
105 20.9	0.8 40.8
51 30.6	10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:188	Resp: 502424
Ion Ratio	Lower Upper
188 100	
94 8.6	7.4 11.2
80 9.5	7.9 11.9

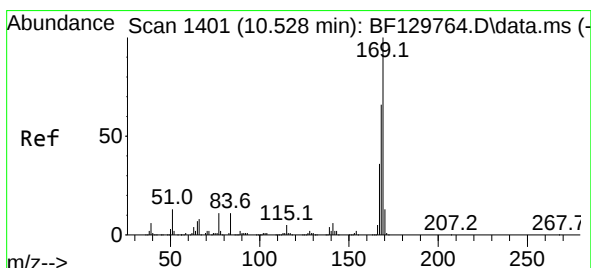
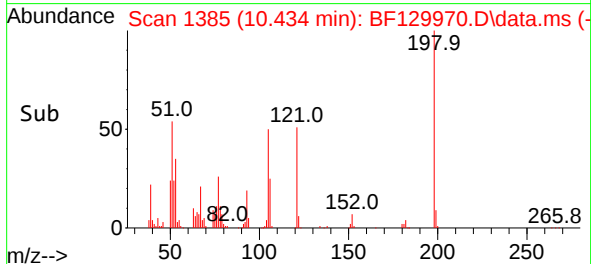
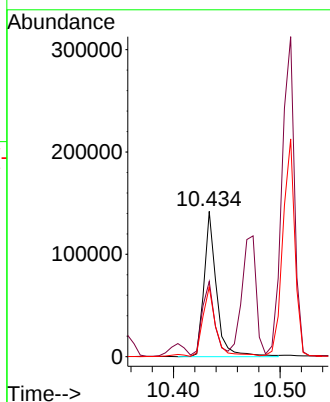
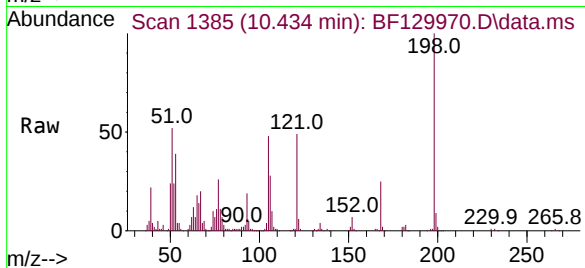




#65
4,6-Dinitro-2-methylphenol
Concen: 39.085 ng
RT: 10.434 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

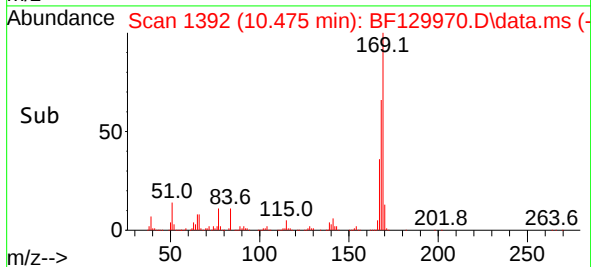
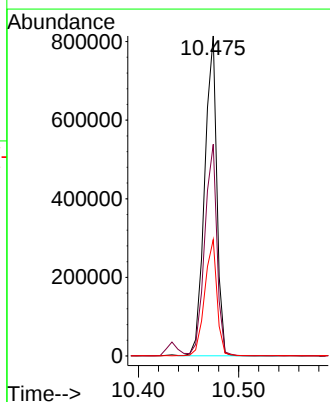
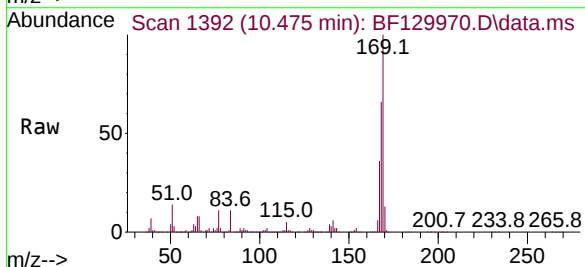
Instrument :
BNA_F
ClientSampleId :
PB147052BS

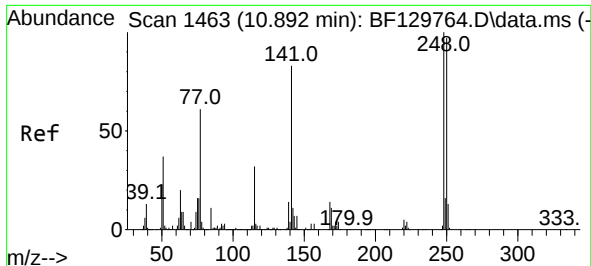
Tgt Ion:198 Resp: 115281
Ion Ratio Lower Upper
198 100
51 51.7 29.4 69.4
105 48.1 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 40.675 ng
RT: 10.475 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:169 Resp: 689767
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 36.4 29.1 43.7

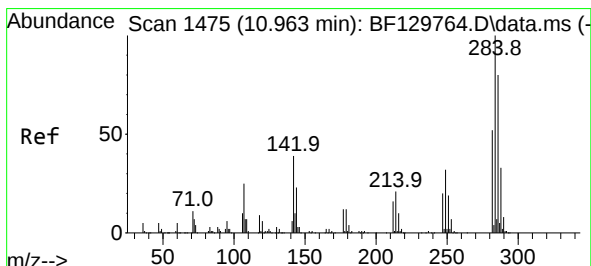
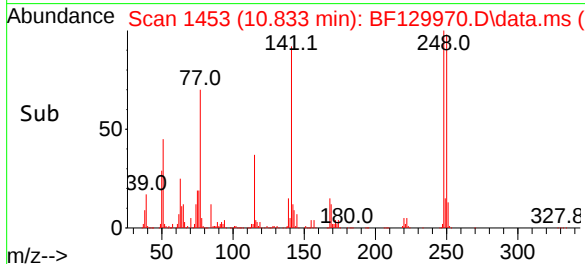
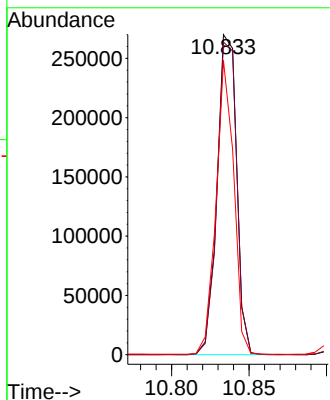
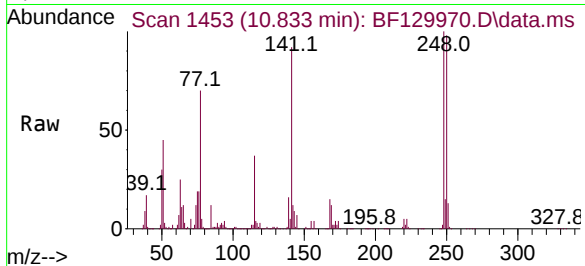




#67
4-Bromophenyl-phenylether
Concen: 40.218 ng
RT: 10.833 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

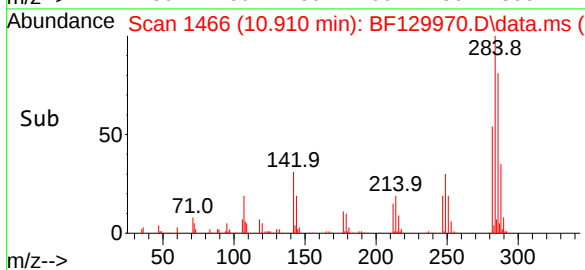
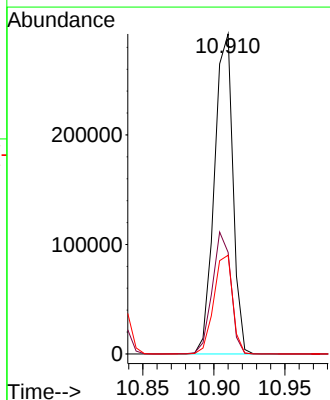
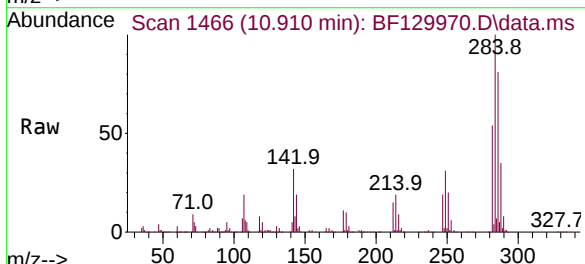
Instrument :
BNA_F
ClientSampleId :
PB147052BS

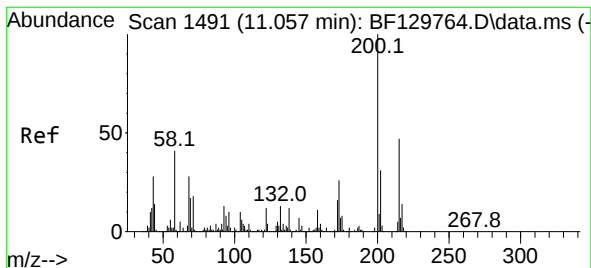
Tgt Ion:248 Resp: 236669
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.6
141 91.9 66.2 99.2



#68
Hexachlorobenzene
Concen: 41.537 ng
RT: 10.910 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:284 Resp: 264779
Ion Ratio Lower Upper
284 100
142 31.7 31.4 47.0
249 30.8 25.7 38.5





#69

Atrazine

Concen: 43.549 ng

RT: 11.004 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB147052BS

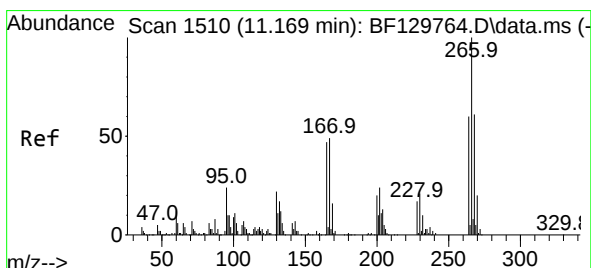
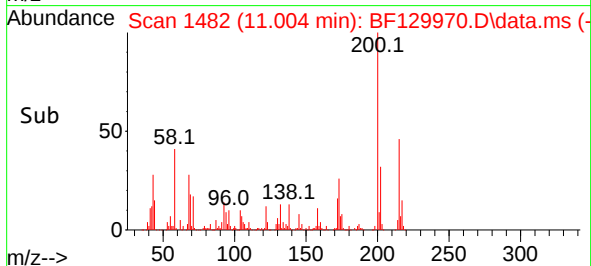
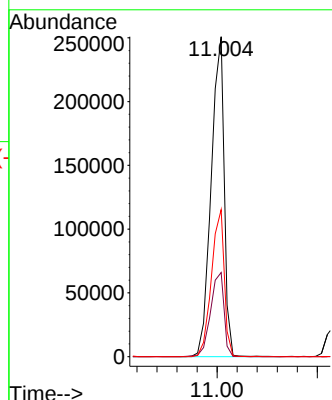
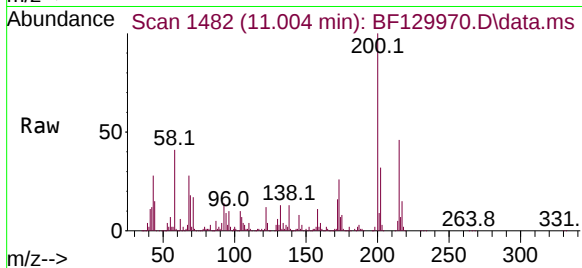
Tgt Ion:200 Resp: 226661

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

215 45.9 27.1 67.1



#70

Pentachlorophenol

Concen: 70.205 ng

RT: 11.116 min Scan# 1501

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

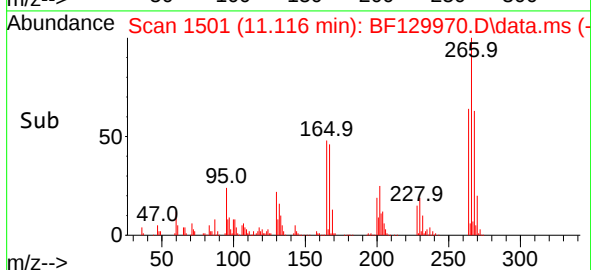
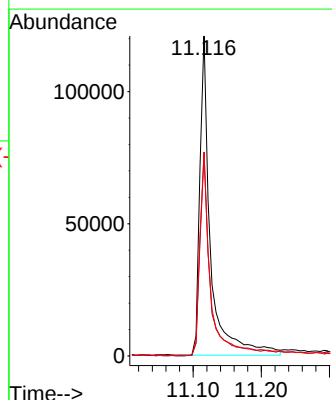
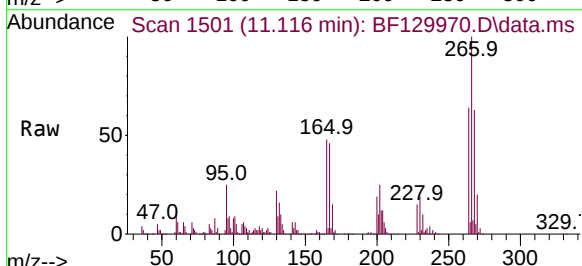
Tgt Ion:266 Resp: 132850

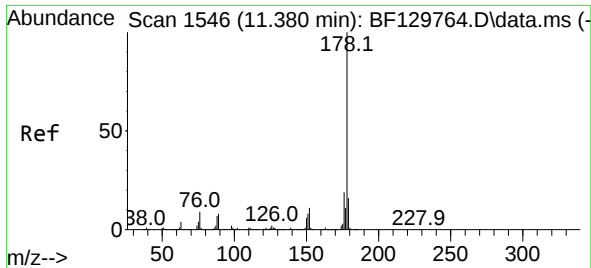
Ion Ratio Lower Upper

266 100

268 63.2 49.0 73.4

264 63.8 47.9 71.9

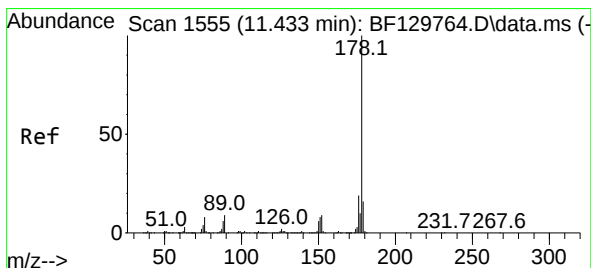
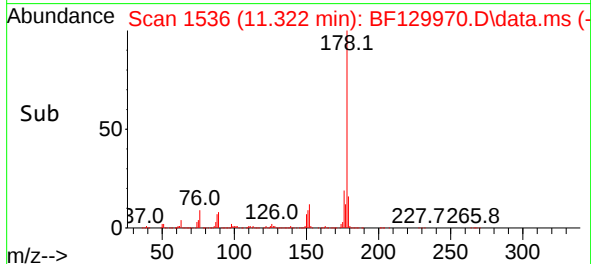
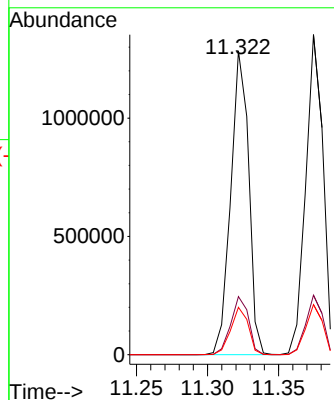
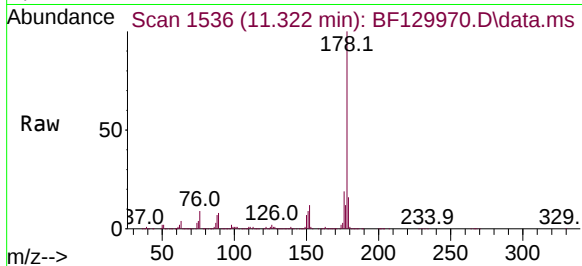




#71
Phenanthrene
Concen: 40.222 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

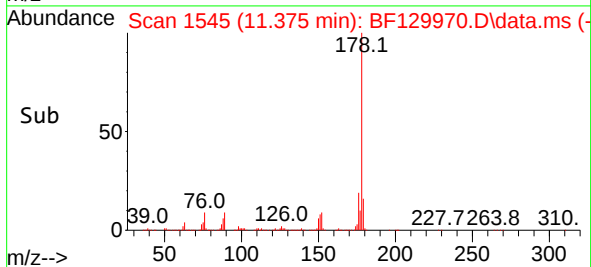
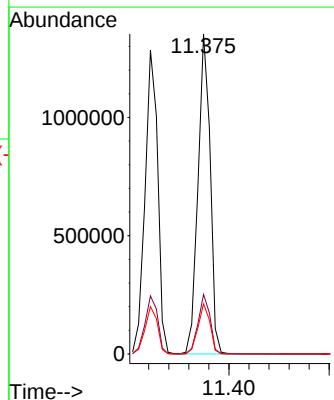
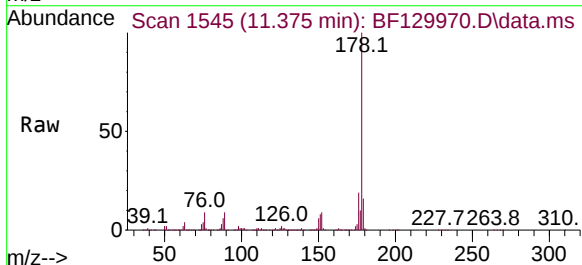
Instrument :
BNA_F
ClientSampleId :
PB147052BS

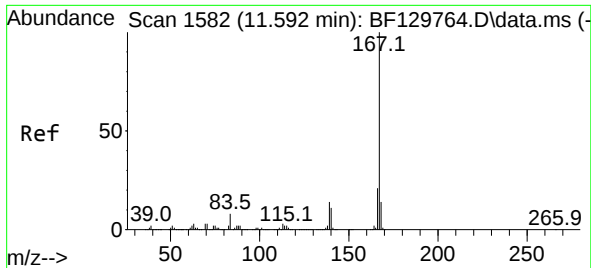
Tgt Ion:178 Resp: 1128627
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 41.075 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:178 Resp: 1146176
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.6 12.6 18.8

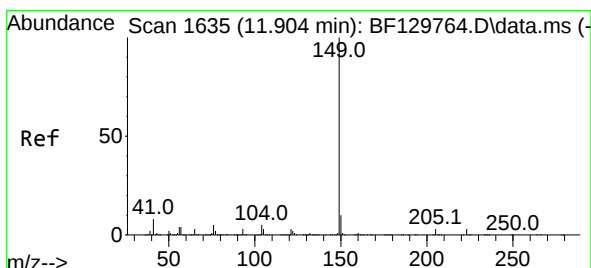
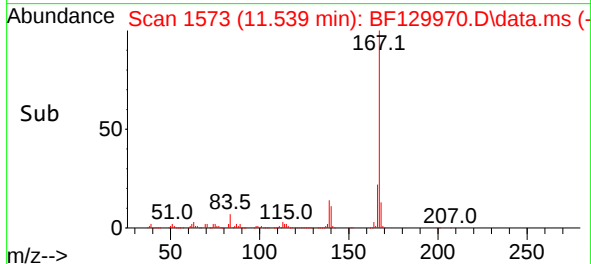
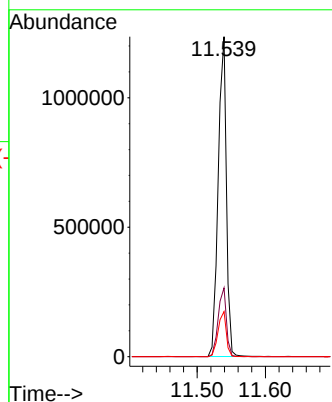
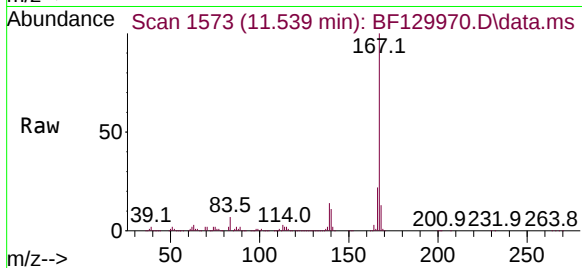




#73
Carbazole
Concen: 40.769 ng
RT: 11.539 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

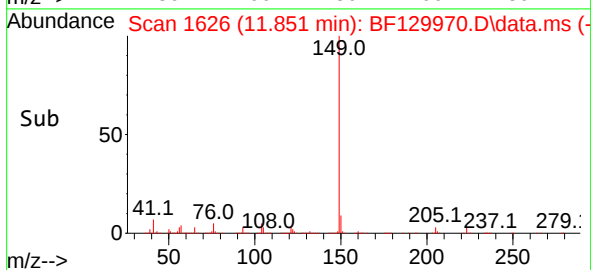
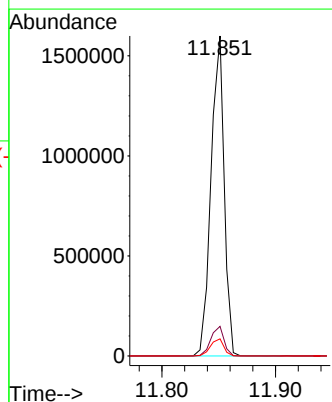
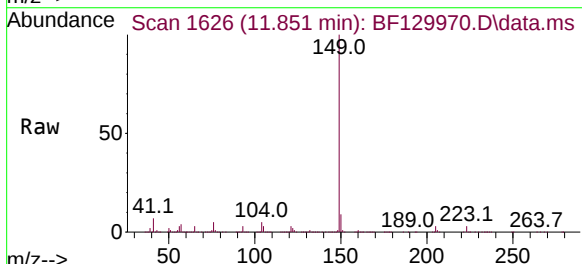
Instrument :
BNA_F
ClientSampleId :
PB147052BS

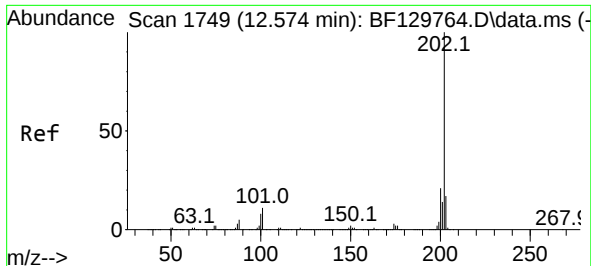
Tgt Ion:167 Resp: 1032709
Ion Ratio Lower Upper
167 100
166 21.5 17.1 25.7
139 14.1 11.0 16.6



#74
Di-n-butylphthalate
Concen: 39.351 ng
RT: 11.851 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:149 Resp: 1282892
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.3 4.2 6.4

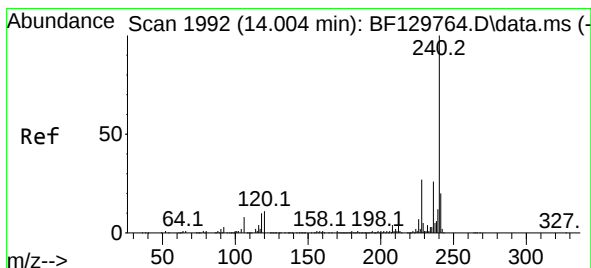
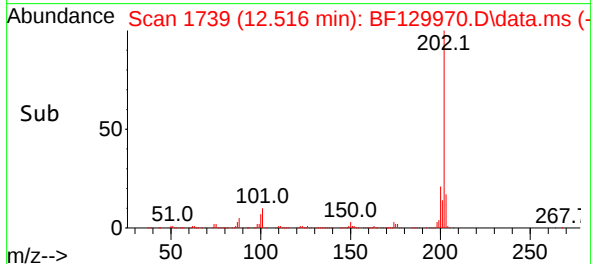
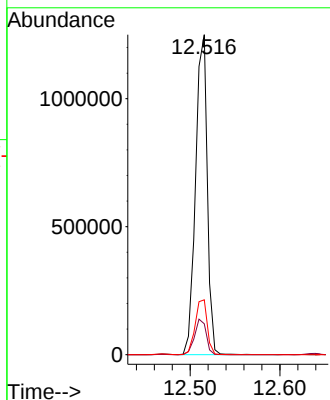
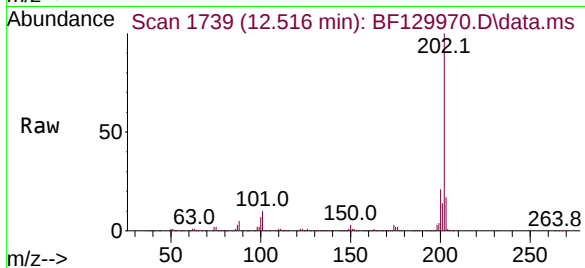




#75
Fluoranthene
Concen: 39.416 ng
RT: 12.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

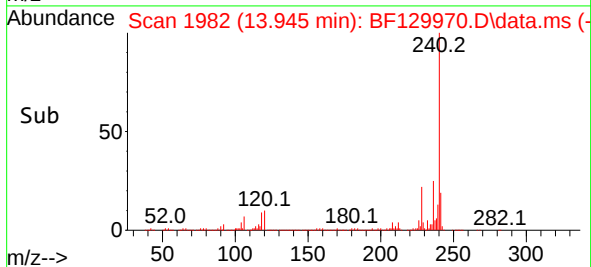
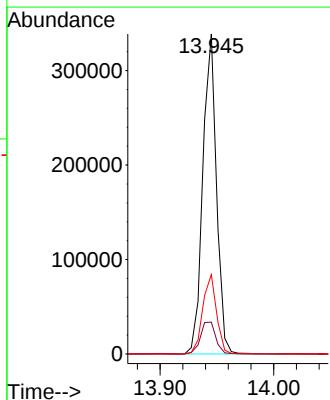
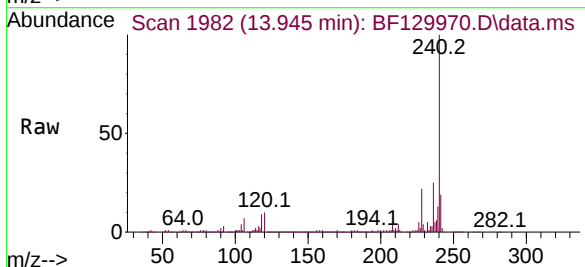
Instrument :
BNA_F
ClientSampleId :
PB147052BS

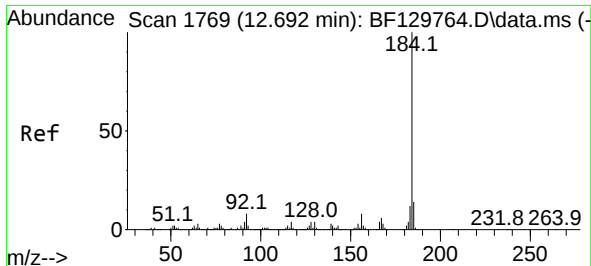
Tgt Ion:202 Resp: 1131781
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.7
203 17.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:240 Resp: 283075
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 24.8 20.7 31.1

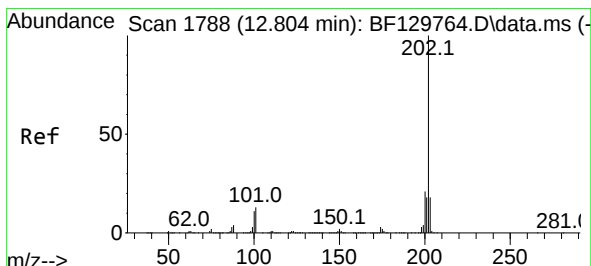
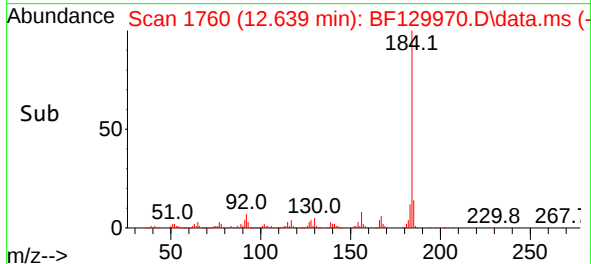
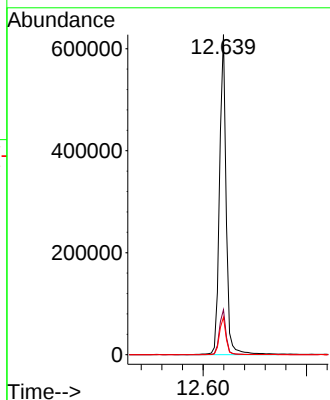
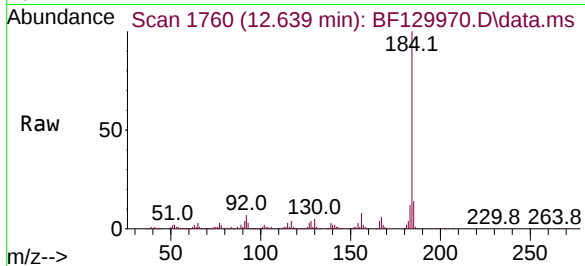




#77
Benzidine
Concen: 87.121 ng
RT: 12.639 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

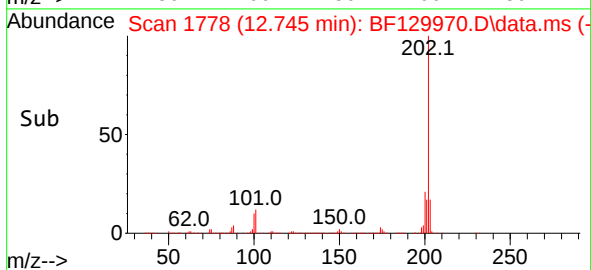
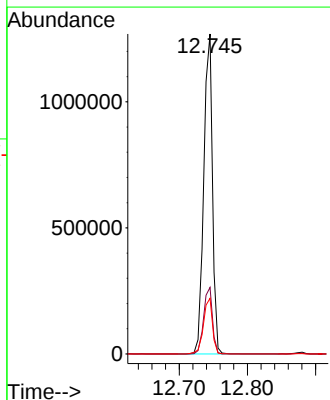
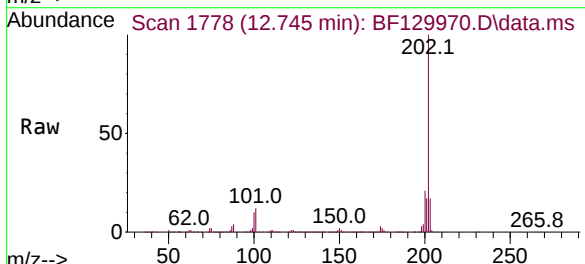
Instrument :
BNA_F
ClientSampleId :
PB147052BS

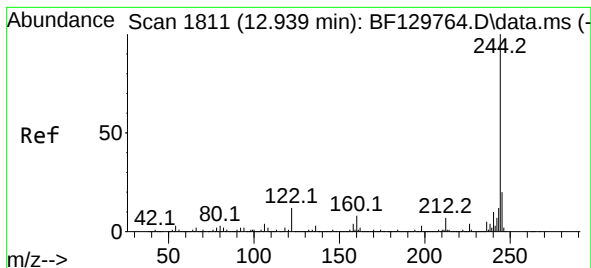
Tgt Ion:184 Resp: 557863
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.2
183 11.7 9.4 14.2



#78
Pyrene
Concen: 45.780 ng
RT: 12.745 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:202 Resp: 1126150
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.6
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 94.821 ng

RT: 12.880 min Scan# 1801

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB147052BS

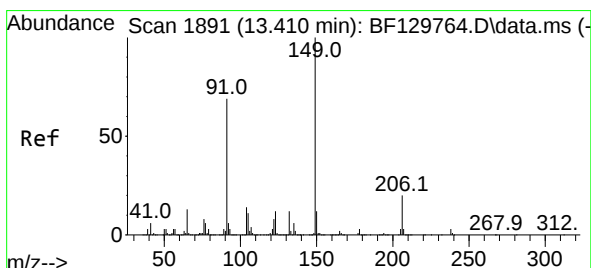
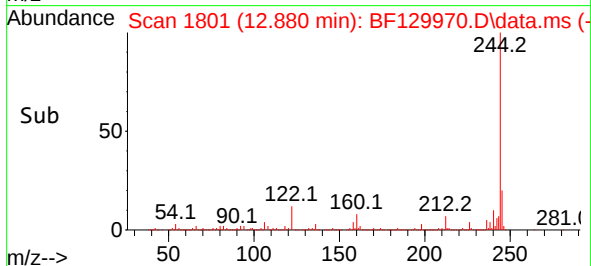
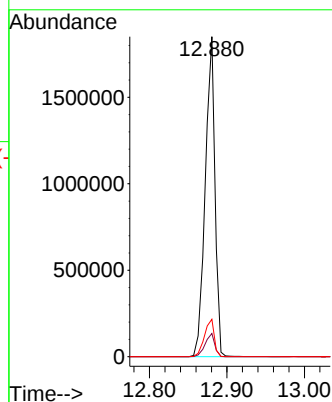
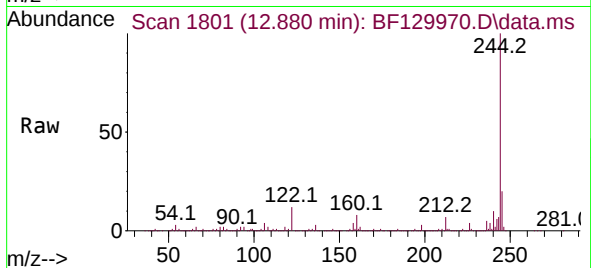
Tgt Ion:244 Resp: 1613136

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.7 9.9 14.9



#80

Butylbenzylphthalate

Concen: 41.120 ng

RT: 13.351 min Scan# 1881

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

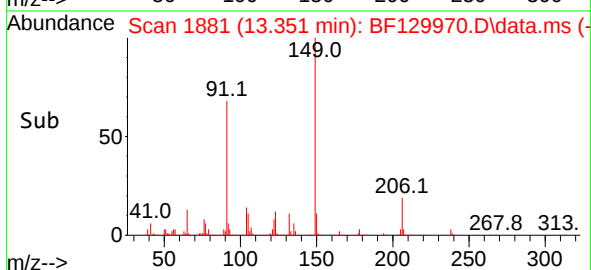
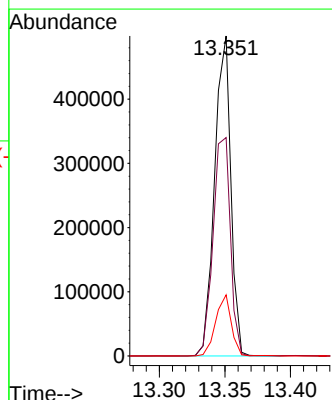
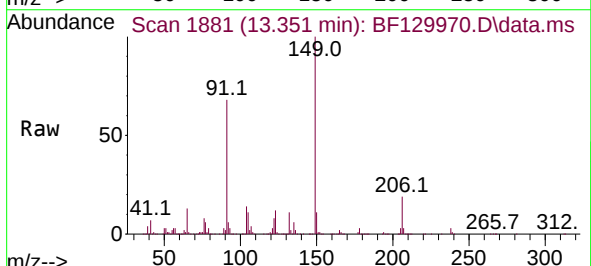
Tgt Ion:149 Resp: 428019

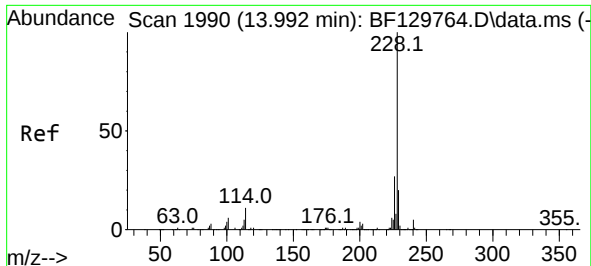
Ion Ratio Lower Upper

149 100

91 68.2 55.4 83.0

206 19.1 15.8 23.6

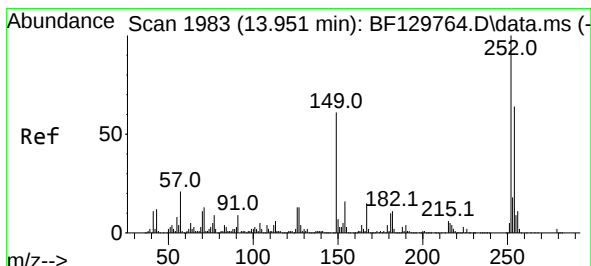
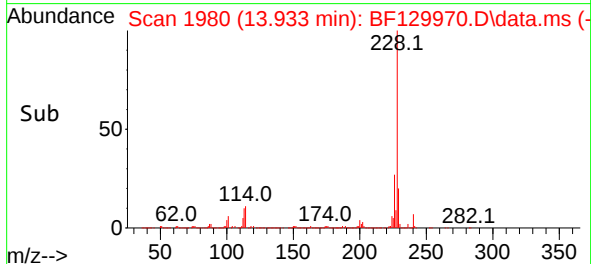
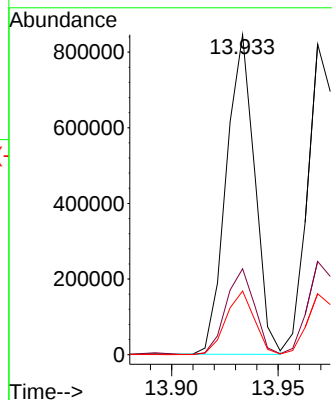
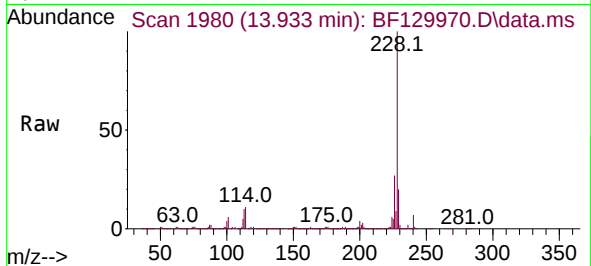




#81
Benzo(a)anthracene
Concen: 40.197 ng
RT: 13.933 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

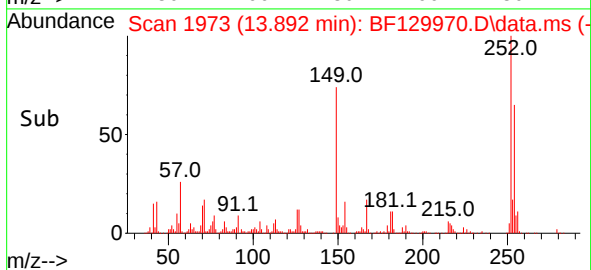
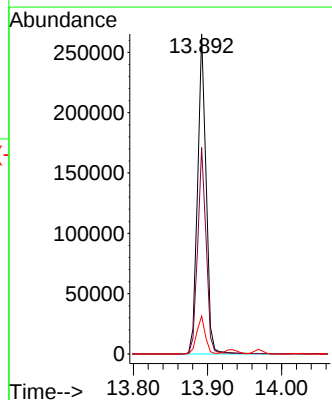
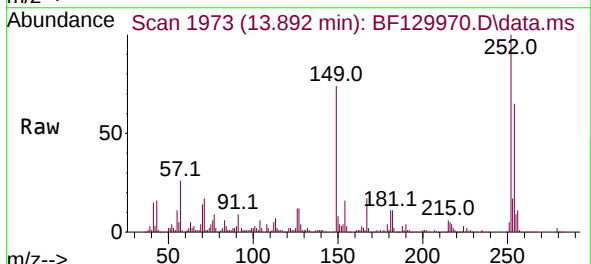
Instrument :
BNA_F
ClientSampleId :
PB147052BS

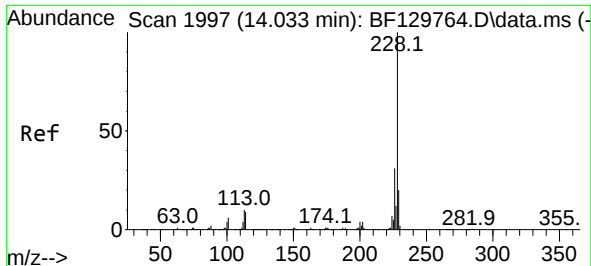
Tgt Ion:228 Resp: 782744
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 35.093 ng
RT: 13.892 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:252 Resp: 211642
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.2
126 11.9 10.2 15.4

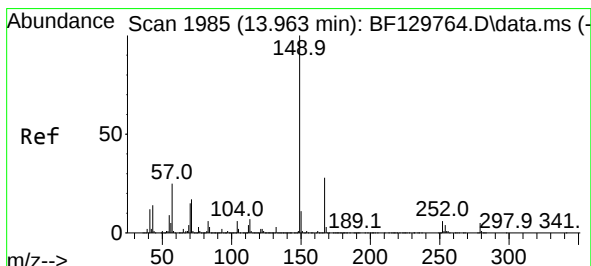
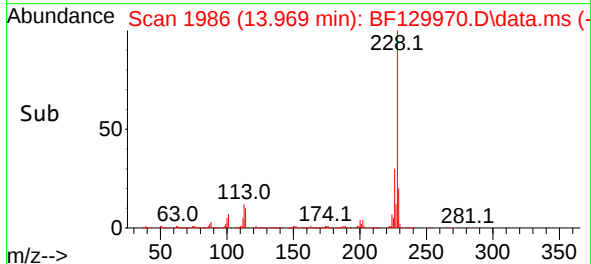
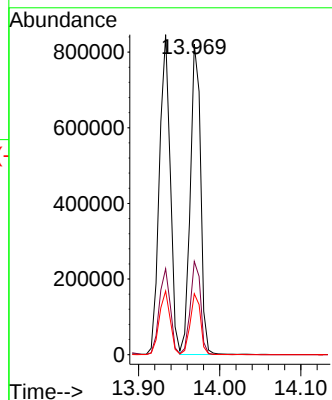
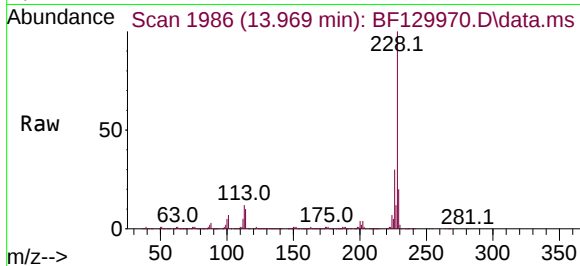




#83
Chrysene
Concen: 39.901 ng
RT: 13.969 min Scan# 1997
Delta R.T. -0.012 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

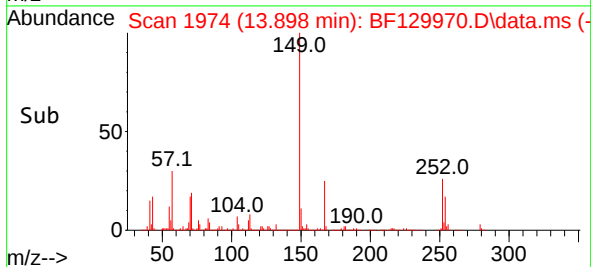
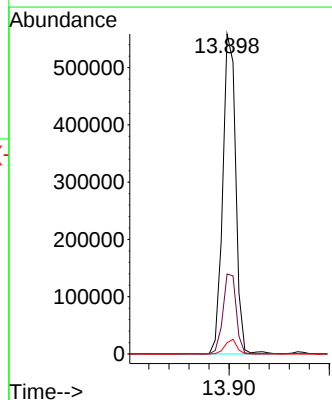
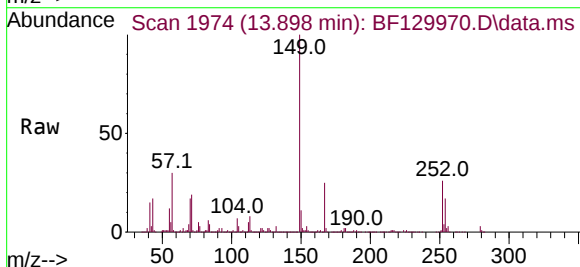
Instrument :
BNA_F
ClientSampleId :
PB147052BS

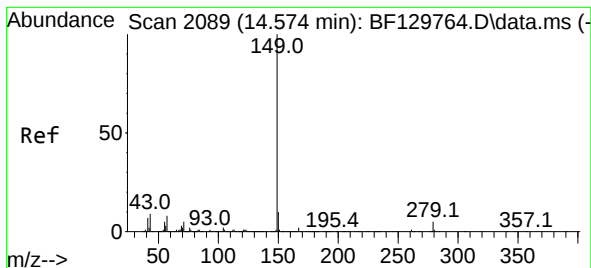
Tgt Ion:228 Resp: 727326
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 19.6 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.466 ng
RT: 13.898 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:149 Resp: 499727
Ion Ratio Lower Upper
149 100
167 25.0 22.0 33.0
279 3.5 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 40.769 ng

RT: 14.510 min Scan# 2089

Delta R.T. -0.012 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB147052BS

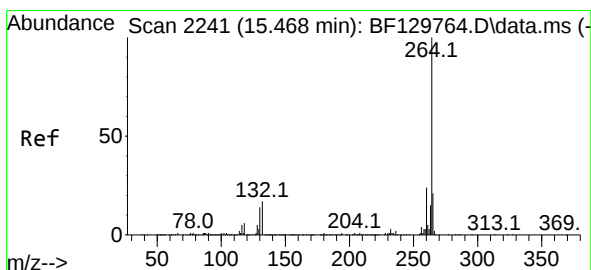
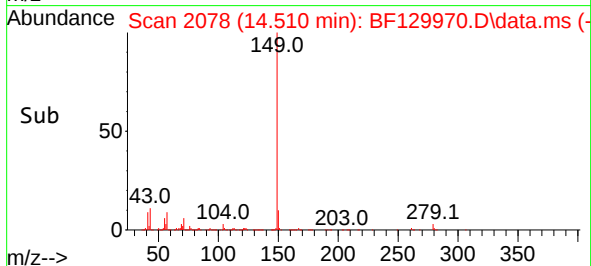
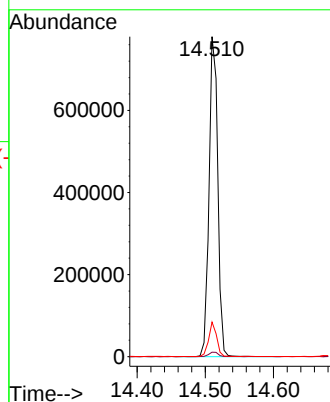
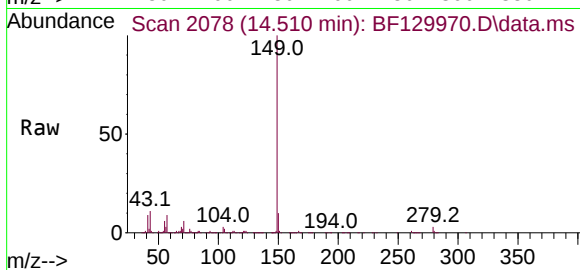
Tgt Ion:149 Resp: 695000

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.9 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

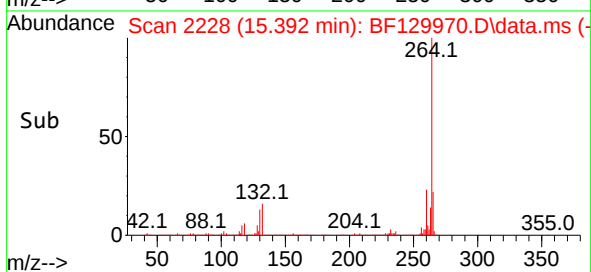
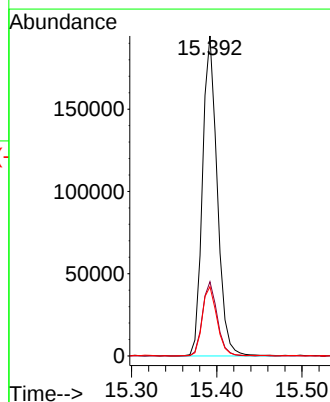
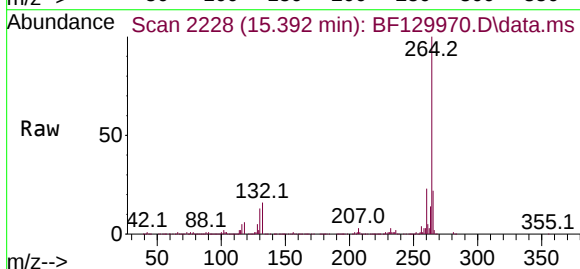
Tgt Ion:264 Resp: 233604

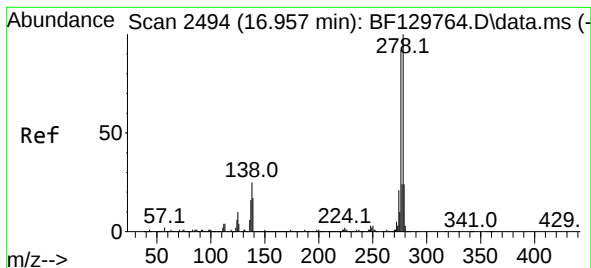
Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.6 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.893 ng

RT: 16.851 min Scan# 2494

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB147052BS

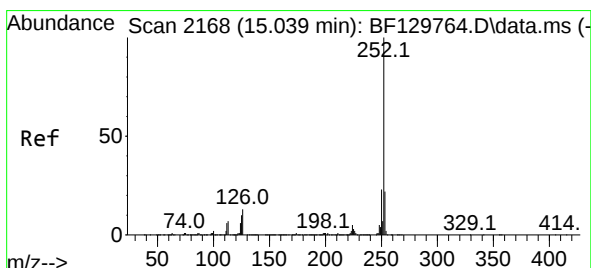
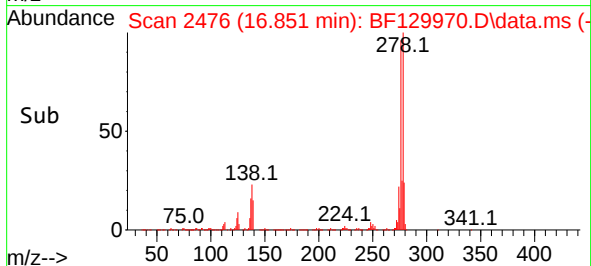
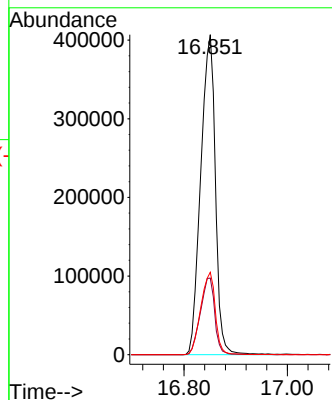
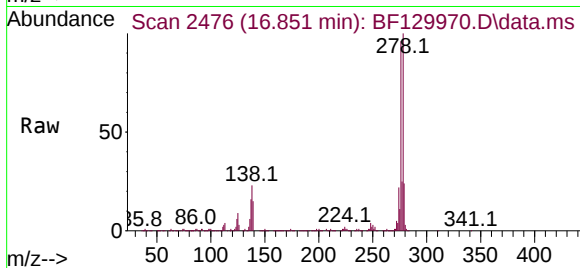
Tgt Ion:276 Resp: 800142

Ion Ratio Lower Upper

276 100

138 23.5 19.8 29.8

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 39.567 ng

RT: 14.974 min Scan# 2157

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

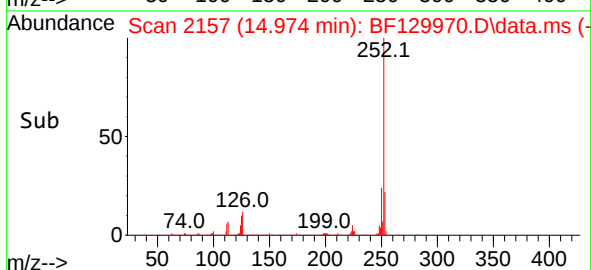
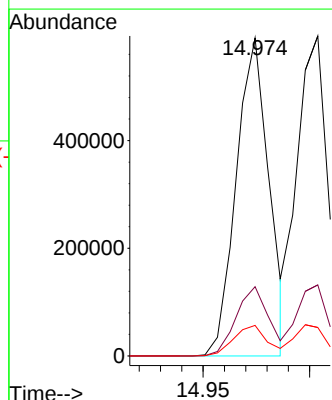
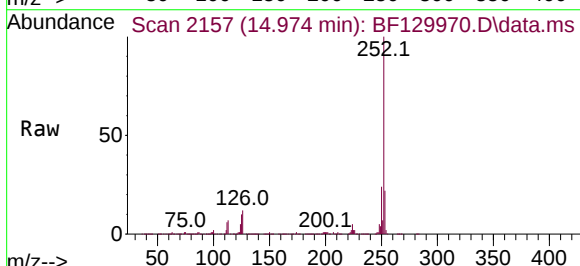
Tgt Ion:252 Resp: 632911

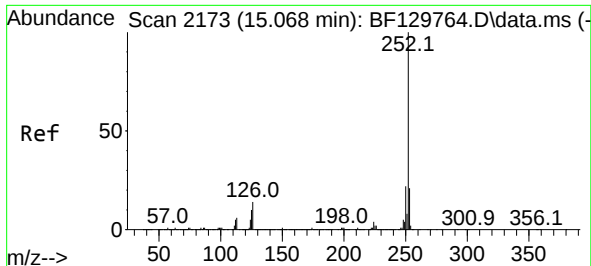
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.6 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 39.671 ng

RT: 15.004 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB147052BS

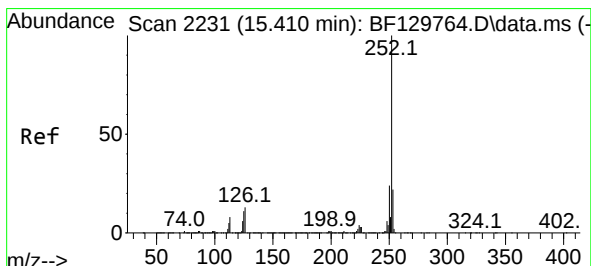
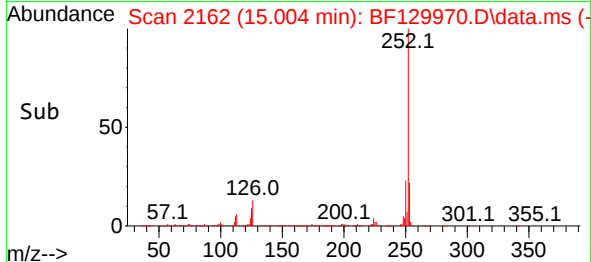
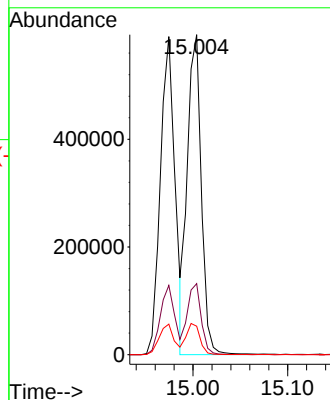
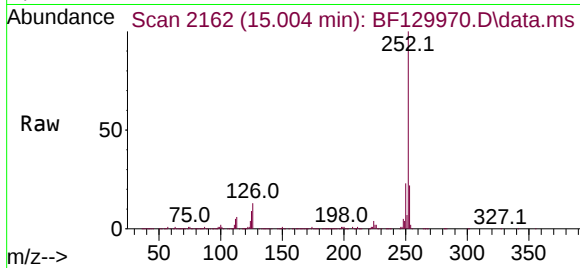
Tgt Ion:252 Resp: 608566

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 8.9 8.3 12.5



#90

Benzo(a)pyrene

Concen: 44.366 ng

RT: 15.333 min Scan# 2218

Delta R.T. -0.006 min

Lab File: BF129970.D

Acq: 24 Aug 2022 12:53

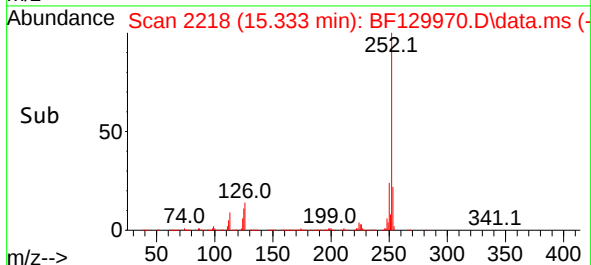
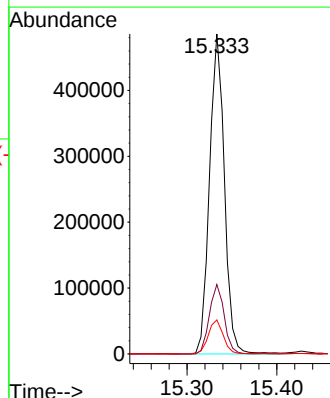
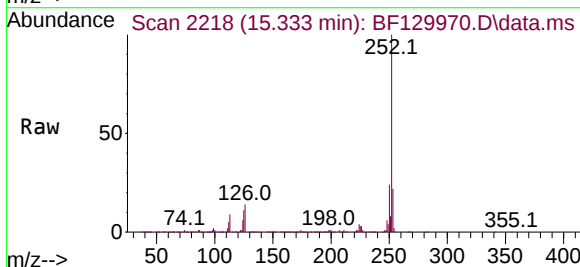
Tgt Ion:252 Resp: 558870

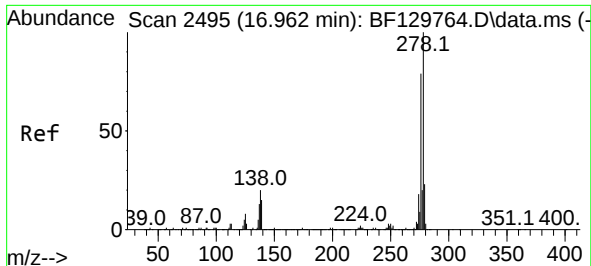
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 10.6 8.8 13.2

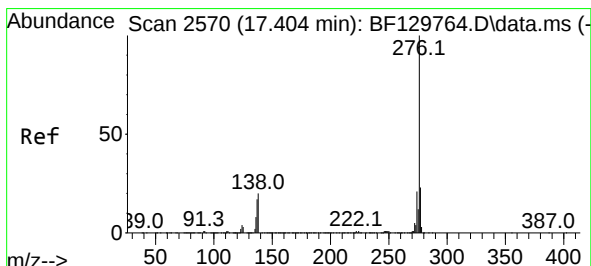
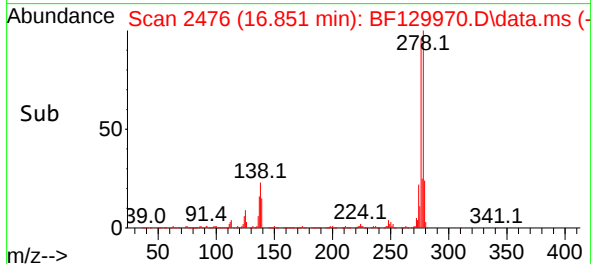
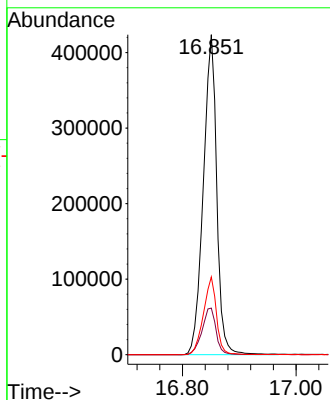
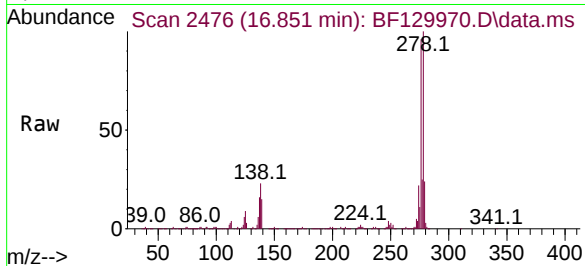




#91
Dibenzo(a,h)anthracene
Concen: 52.435 ng
RT: 16.851 min Scan# 2495
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Instrument :
BNA_F
ClientSampleId :
PB147052BS

Tgt Ion:278 Resp: 693843
Ion Ratio Lower Upper
278 100
139 14.6 12.2 18.4
279 24.3 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 54.515 ng
RT: 17.286 min Scan# 2550
Delta R.T. -0.006 min
Lab File: BF129970.D
Acq: 24 Aug 2022 12:53

Tgt Ion:276 Resp: 719677
Ion Ratio Lower Upper
276 100
277 23.5 18.2 27.4
138 20.0 15.8 23.8

