

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129948.D
 Acq On : 23 Aug 2022 11:54
 Operator : CG\JU
 Sample : PB147059BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147059BS

Quant Time: Aug 23 13:22:49 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	6.775	152	123538	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	513594	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	281285	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	477110	20.000	ng	0.00
76) Chrysene-d12	13.951	240	297189	20.000	ng	0.00
86) Perylene-d12	15.403	264	238125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	759014	101.726	ng	0.01
7) Phenol-d6	6.439	99	922326	98.711	ng	0.00
23) Nitrobenzene-d5	7.351	82	911938	95.051	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	269675	95.524	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1685280	90.997	ng	0.00
79) Terphenyl-d14	12.892	244	1848604	103.502	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	127724	41.492	ng	93
3) Pyridine	3.340	79	334920	41.575	ng	96
4) n-Nitrosodimethylamine	3.298	42	212020	57.110	ng	84
6) Aniline	6.445	93	416336	39.095	ng	95
8) 2-Chlorophenol	6.575	128	424689	51.129	ng	97
9) Benzaldehyde	6.333	77	246668	51.175	ng	97
10) Phenol	6.451	94	519535	50.690	ng	88
11) bis(2-Chloroethyl)ether	6.516	93	397916	51.126	ng	98
12) 1,3-Dichlorobenzene	6.716	146	437475	48.786	ng	100
13) 1,4-Dichlorobenzene	6.792	146	445540	48.626	ng	99
14) 1,2-Dichlorobenzene	6.945	146	420585	49.424	ng	99
15) Benzyl Alcohol	6.933	79	374709	53.121	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	556317	53.343	ng	93
17) 2-Methylphenol	7.051	107	345938	51.869	ng	98
18) Hexachloroethane	7.281	117	176751	51.370	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	310916	52.644	ng	98
20) 3+4-Methylphenols	7.210	107	445855	49.801	ng	99
22) Acetophenone	7.192	105	625584	49.983	ng	# 98
24) Nitrobenzene	7.369	77	465013	48.066	ng	95
25) Isophorone	7.604	82	846532	51.264	ng	98
26) 2-Nitrophenol	7.680	139	227583	47.825	ng	91
27) 2,4-Dimethylphenol	7.728	122	370933	54.353	ng	96
28) bis(2-Chloroethoxy)met...	7.810	93	506054	52.486	ng	99
29) 2,4-Dichlorophenol	7.933	162	354121	47.455	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	356751	45.317	ng	99
31) Naphthalene	8.080	128	1224484	45.598	ng	100
32) Benzoic acid	7.892	122	167008	52.733	ng	89
33) 4-Chloroaniline	8.139	127	244067	23.112	ng	97
34) Hexachlorobutadiene	8.192	225	223993	46.728	ng	98
35) Caprolactam	8.527	113	63589	27.402	ng	97
36) 4-Chloro-3-methylphenol	8.645	107	403612	50.135	ng	99
37) 2-Methylnaphthalene	8.775	142	820484	46.552	ng	100
38) 1-Methylnaphthalene	8.869	142	769992	44.953	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	361454	46.201	ng	98
41) Hexachlorocyclopentadiene	8.922	237	268434	94.950	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	226131	44.487	ng	97

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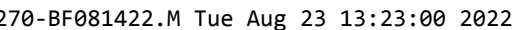
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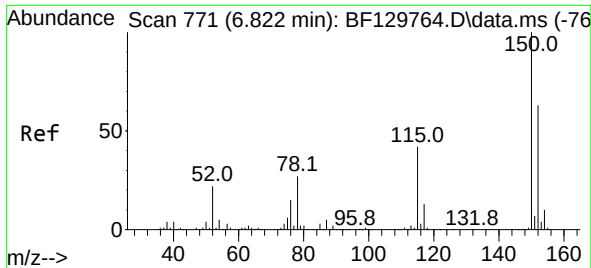
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	244324	44.677	ng	97
46) 1,1'-Biphenyl	9.239	154	1006327	47.093	ng	99
47) 2-Chloronaphthalene	9.263	162	780969	46.190	ng	97
48) 2-Nitroaniline	9.374	65	261406	48.923	ng	100
49) Acenaphthylene	9.680	152	1174204	45.797	ng	100
50) Dimethylphthalate	9.545	163	947282	46.978	ng	100
51) 2,6-Dinitrotoluene	9.616	165	205462	46.972	ng	96
52) Acenaphthene	9.851	154	714595	45.939	ng	99
53) 3-Nitroaniline	9.786	138	132336	27.357	ng	91
54) 2,4-Dinitrophenol	9.910	184	175438	88.115	ng	97
55) Dibenzofuran	10.022	168	1073016	45.915	ng	93
56) 4-Nitrophenol	9.980	139	190802	88.662	ng	88
57) 2,4-Dinitrotoluene	10.027	165	274603	48.361	ng	97
58) Fluorene	10.369	166	893306	45.780	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	191733	47.774	ng	# 80
60) Diethylphthalate	10.239	149	955671	47.532	ng	97
61) 4-Chlorophenyl-phenyle...	10.357	204	417118	47.634	ng	99
62) 4-Nitroaniline	10.416	138	195466	40.054	ng	95
63) Azobenzene	10.516	77	925268	48.145	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	127645	45.573	ng	91
66) n-Nitrosodiphenylamine	10.480	169	776777	48.237	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	265461	47.504	ng	97
68) Hexachlorobenzene	10.916	284	295083	48.747	ng	96
69) Atrazine	11.010	200	255502	51.694	ng	98
70) Pentachlorophenol	11.121	266	162496	88.935	ng	97
71) Phenanthrene	11.333	178	1237096	46.426	ng	100
72) Anthracene	11.386	178	1267518	47.833	ng	100
73) Carbazole	11.545	167	1143020	47.518	ng	99
74) Di-n-butylphthalate	11.857	149	1489456	48.112	ng	99
75) Fluoranthene	12.521	202	1238527	45.422	ng	98
77) Benzidine	12.645	184	436753	63.422	ng	99
78) Pyrene	12.751	202	1249048	48.365	ng	100
80) Butylbenzylphthalate	13.357	149	534997	48.957	ng	94
81) Benzo(a)anthracene	13.939	228	946183	46.282	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	182356	28.801	ng	98
83) Chrysene	13.980	228	874951	45.720	ng	100
84) Bis(2-ethylhexyl)phtha...	13.909	149	638434	49.243	ng	97
85) Di-n-octyl phthalate	14.521	149	889689	49.711	ng	99
87) Indeno(1,2,3-cd)pyrene	16.862	276	838259	51.277	ng	98
88) Benzo(b)fluoranthene	14.980	252	797372	48.901	ng	99
89) Benzo(k)fluoranthene	15.009	252	730352	46.706	ng	98
90) Benzo(a)pyrene	15.345	252	658327	51.269	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	725941	53.819	ng	99
92) Benzo(g,h,i)perylene	17.297	276	735510	54.656	ng	97

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

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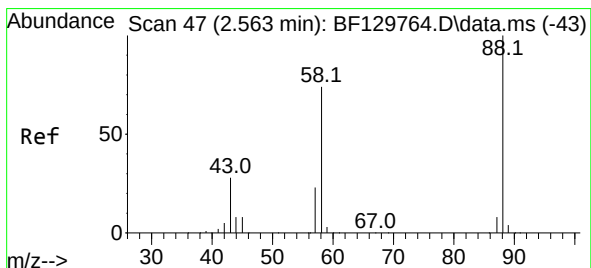
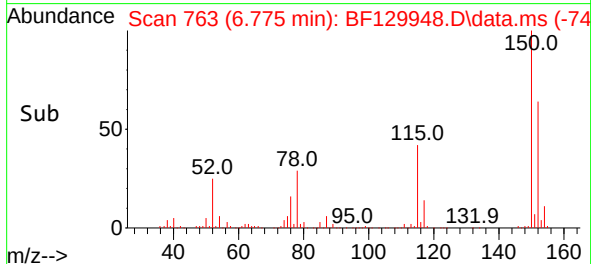
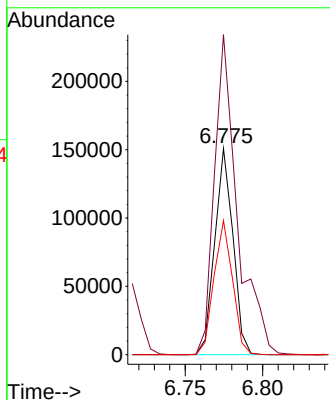
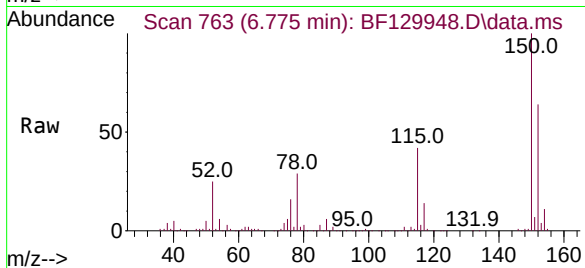




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BF129948.D
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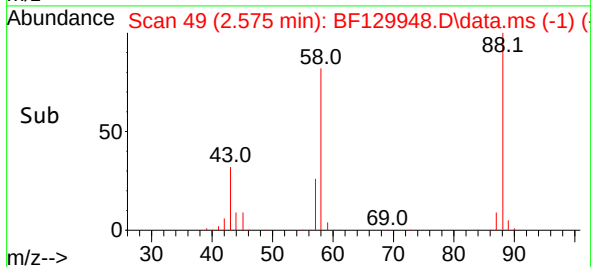
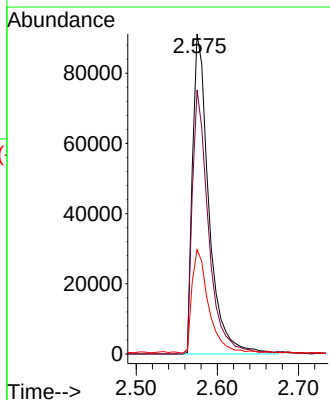
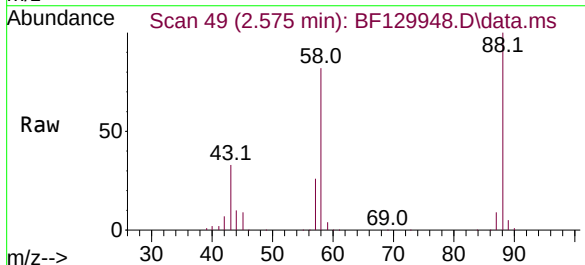
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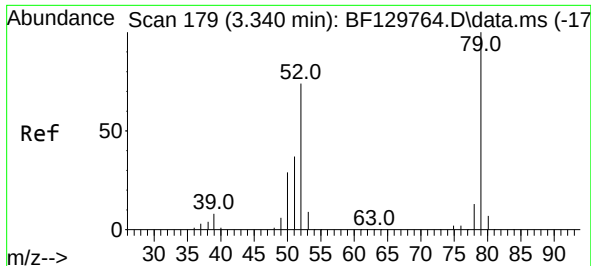
Tgt Ion:152 Resp: 123538
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.9 190.3
 115 65.0 53.4 80.0



#2
 1,4-Dioxane
 Concen: 41.492 ng
 RT: 2.575 min Scan# 49
 Delta R.T. 0.094 min
 Lab File: BF129948.D
 Acq: 23 Aug 2022 11:54

Tgt Ion: 88 Resp: 127724
 Ion Ratio Lower Upper
 88 100
 58 81.8 60.9 91.3
 43 33.2 23.6 35.4

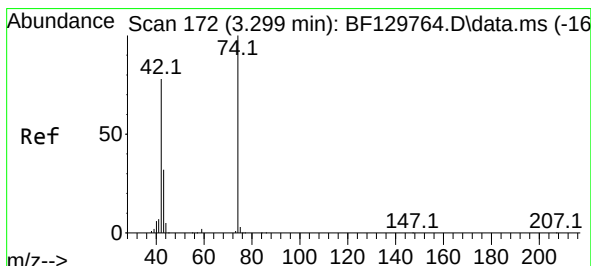
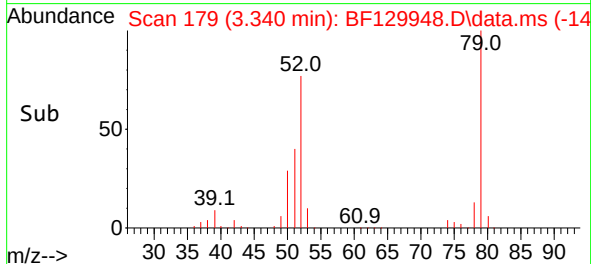
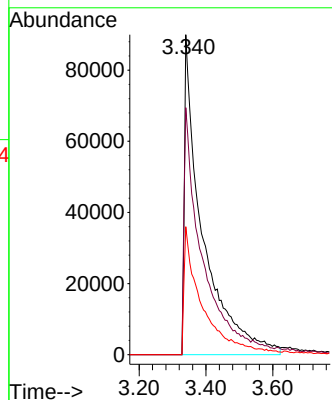
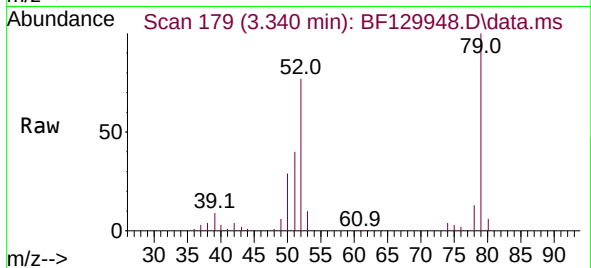




#3
Pyridine
Concen: 41.575 ng
RT: 3.340 min Scan# 179
Delta R.T. 0.094 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

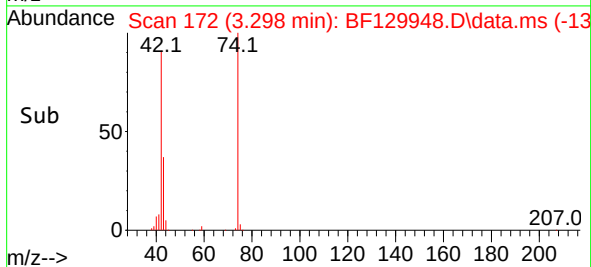
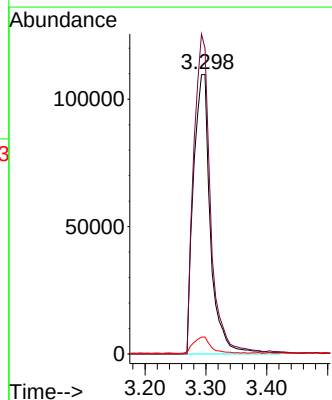
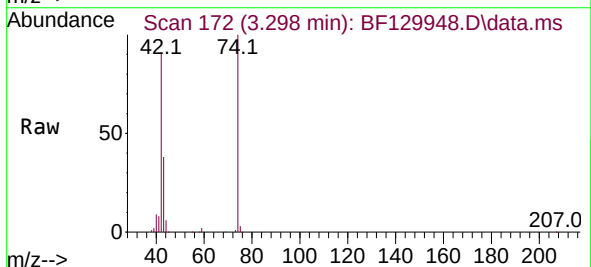
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BNA_F
ClientSampleId :
PB147059BS

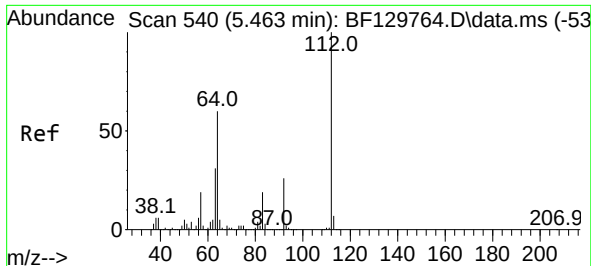
Tgt Ion: 79 Resp: 334920
Ion Ratio Lower Upper
79 100
52 77.2 59.4 89.2
51 40.0 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 57.110 ng
RT: 3.298 min Scan# 172
Delta R.T. 0.094 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion: 42 Resp: 212020
Ion Ratio Lower Upper
42 100
74 109.4 103.1 154.7
44 6.1 5.4 8.2

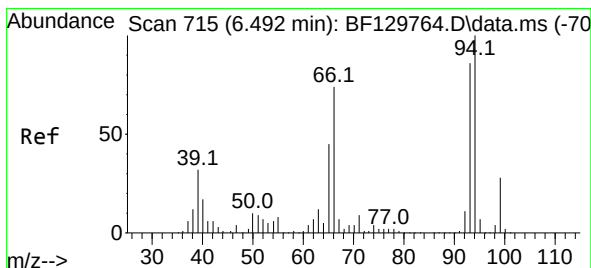
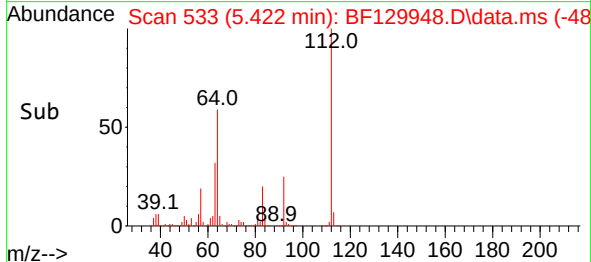
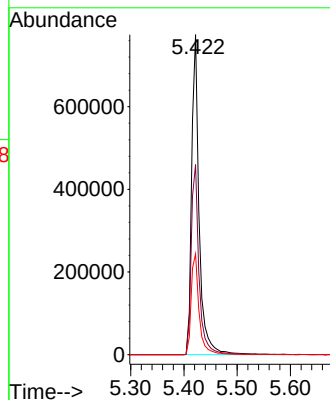
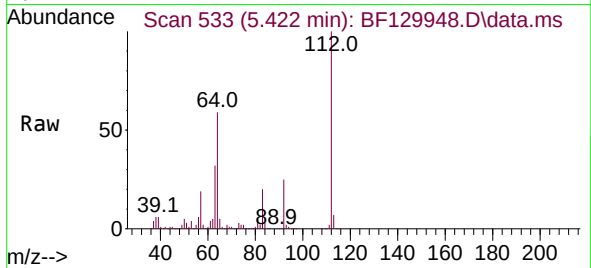




#5
2-Fluorophenol
Concen: 101.726 ng
RT: 5.422 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

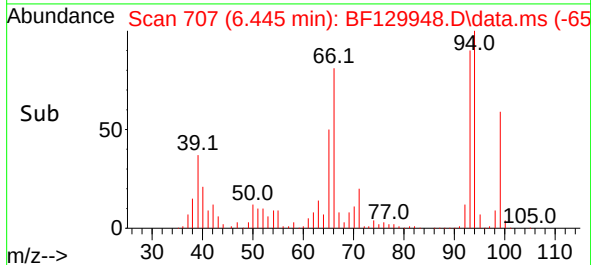
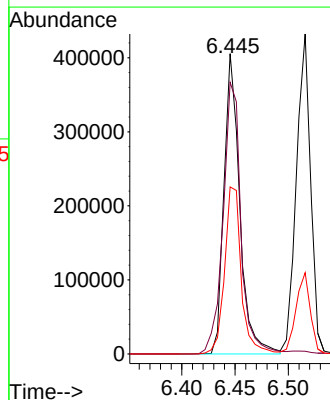
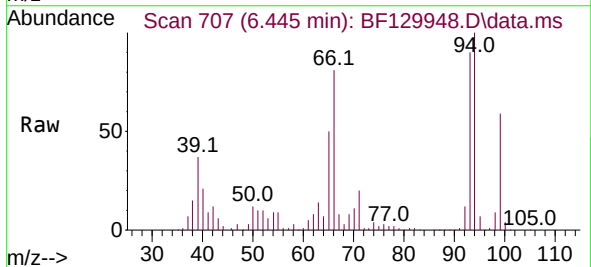
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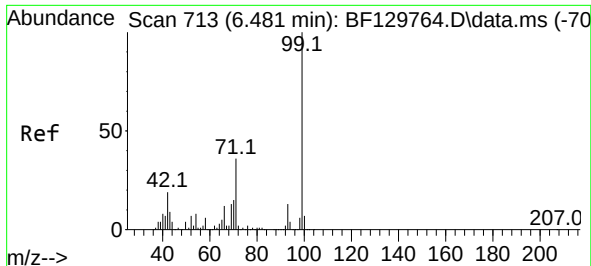
Tgt Ion:112 Resp: 759014
Ion Ratio Lower Upper
112 100
64 59.4 47.6 71.4
63 31.5 24.6 37.0



#6
Aniline
Concen: 39.095 ng
RT: 6.445 min Scan# 707
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion: 93 Resp: 416336
Ion Ratio Lower Upper
93 100
66 90.5 68.7 103.1
65 55.6 41.6 62.4

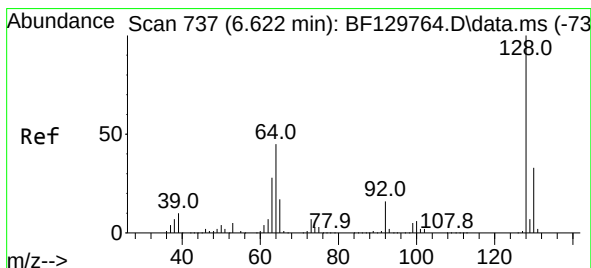
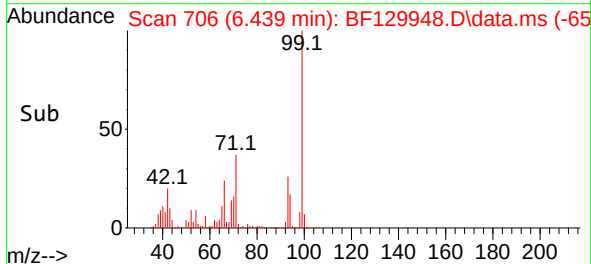
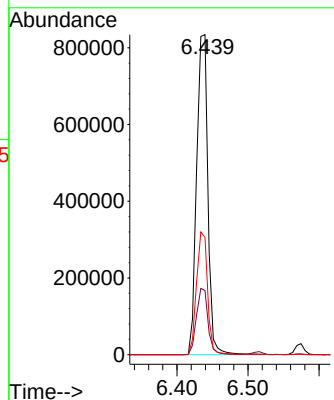
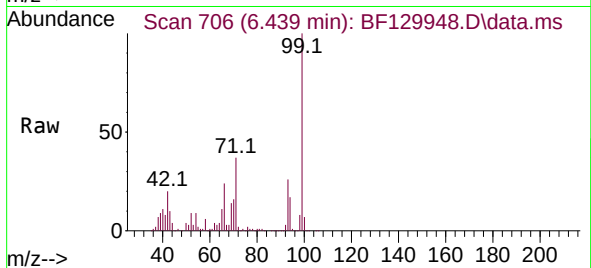




#7
Phenol-d6
Concen: 98.711 ng
RT: 6.439 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

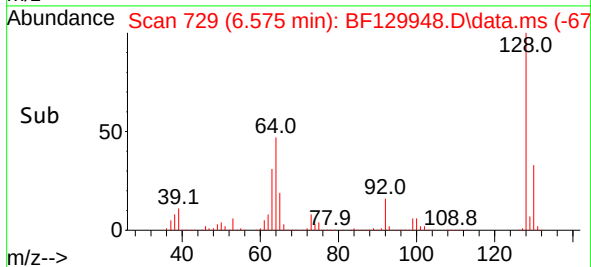
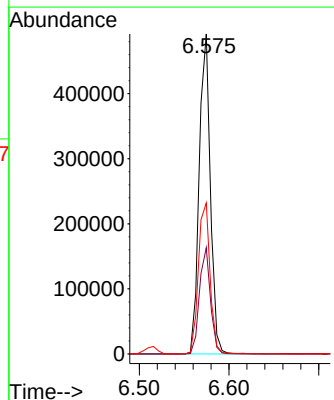
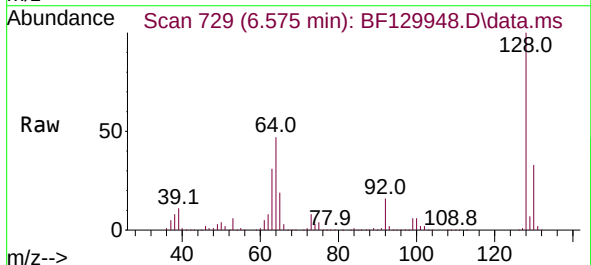
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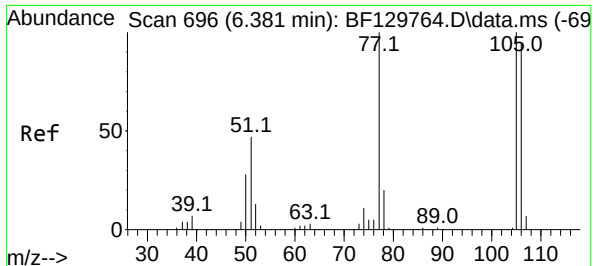
Tgt Ion: 99 Resp: 922326
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 36.6 28.8 43.2



#8
2-Chlorophenol
Concen: 51.129 ng
RT: 6.575 min Scan# 729
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:128 Resp: 424689
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 47.2 24.9 64.9

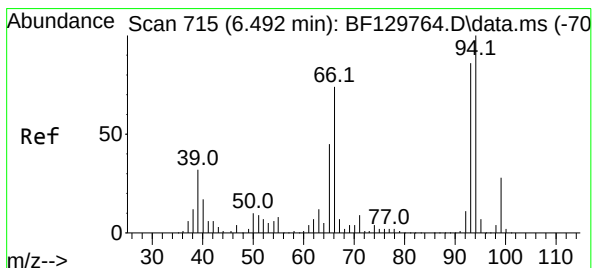
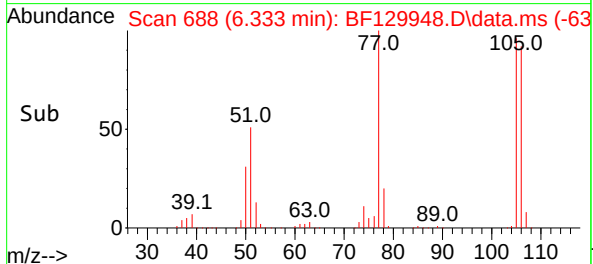
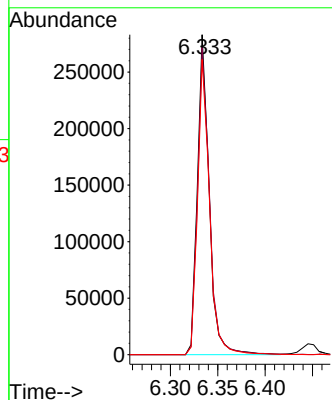
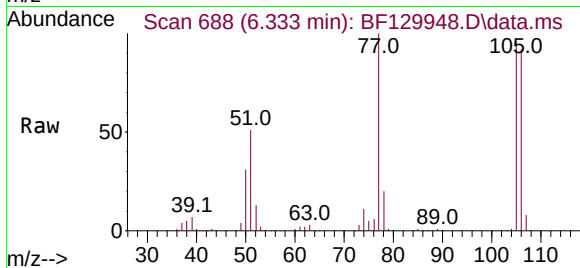




#9
Benzaldehyde
Concen: 51.175 ng
RT: 6.333 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

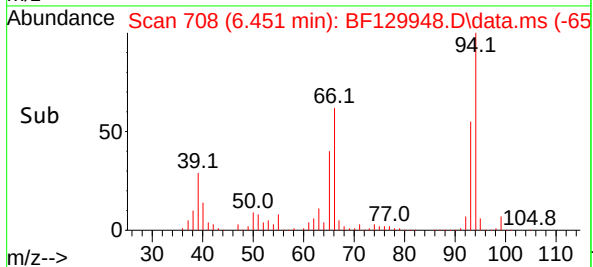
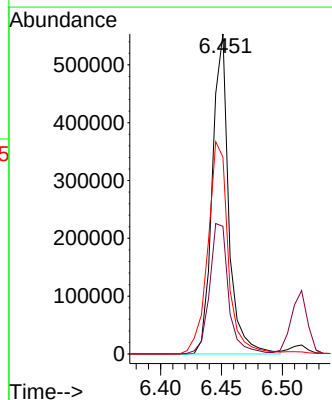
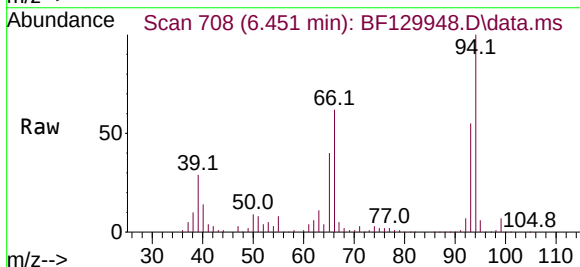
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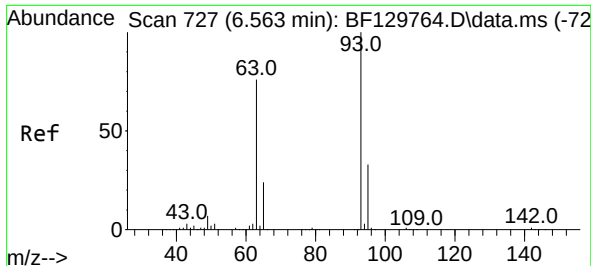
Tgt Ion: 77 Resp: 246668
Ion Ratio Lower Upper
77 100
105 95.9 80.3 120.3
106 92.3 74.3 114.3



#10
Phenol
Concen: 50.690 ng
RT: 6.451 min Scan# 708
Delta R.T. -0.000 min
Lab File: BF129948.D
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Tgt Ion: 94 Resp: 519535
Ion Ratio Lower Upper
94 100
65 39.9 24.9 64.9
66 61.5 54.2 94.2

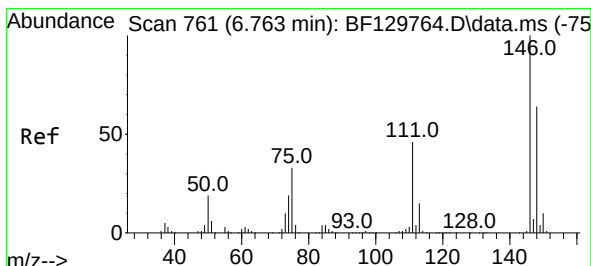
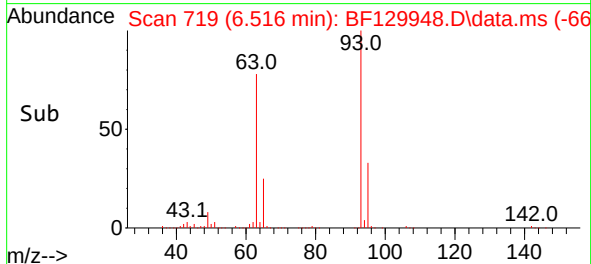
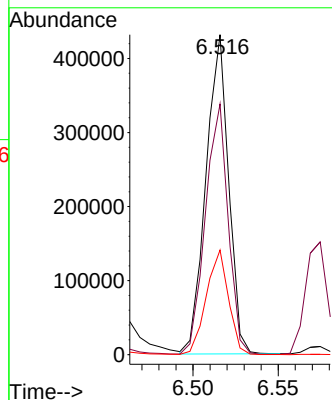
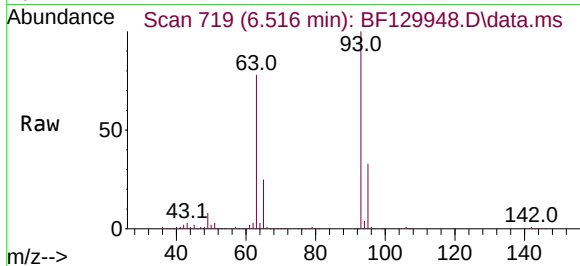




#11
bis(2-Chloroethyl)ether
Concen: 51.126 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

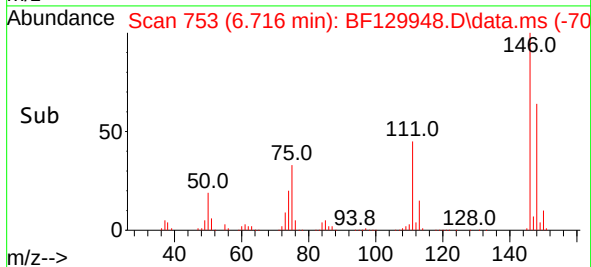
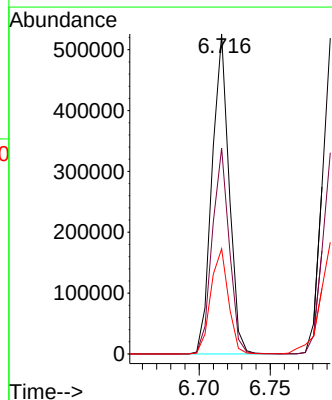
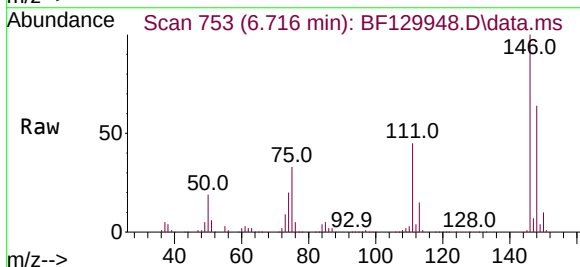
Instrument :
BNA_F
ClientSampleId :
PB147059BS

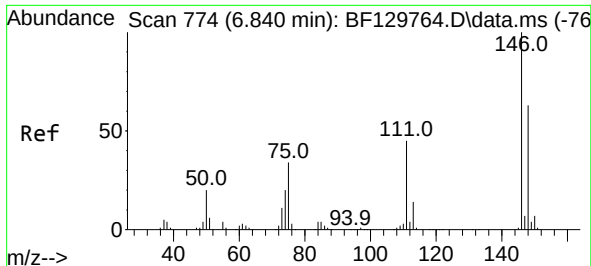
Tgt Ion: 93 Resp: 397916
Ion Ratio Lower Upper
93 100
63 78.3 55.9 95.9
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.786 ng
RT: 6.716 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion: 146 Resp: 437475
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 32.8 26.5 39.7

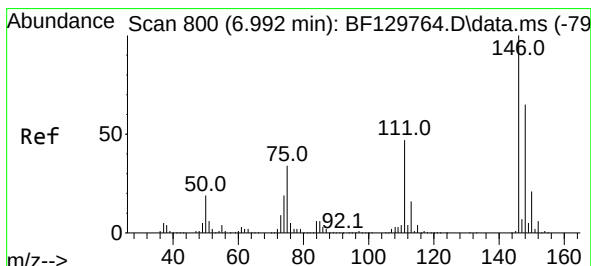
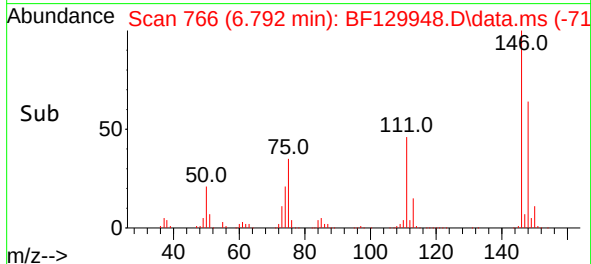
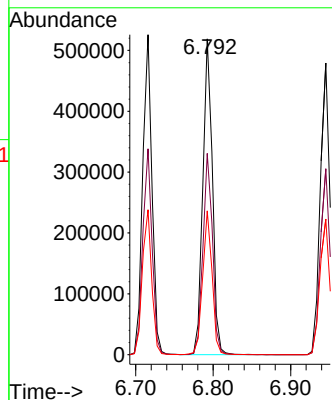
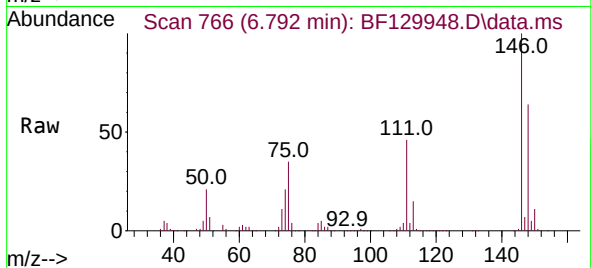




#13
 1,4-Dichlorobenzene
 Concen: 48.626 ng
 RT: 6.792 min Scan# 709
 Delta R.T. -0.000 min
 Lab File: BF129948.D
 Acq: 23 Aug 2022 11:54

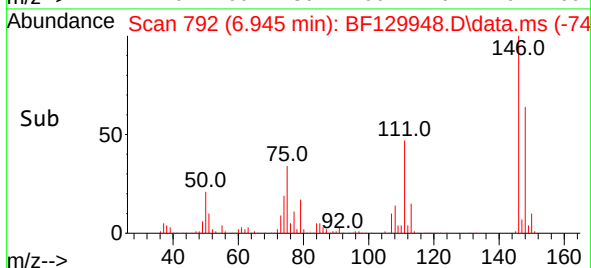
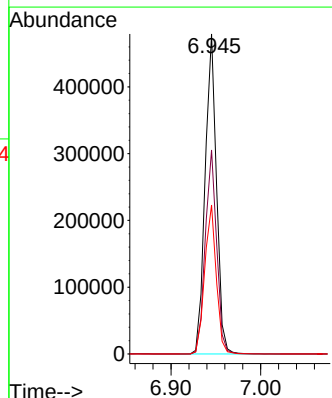
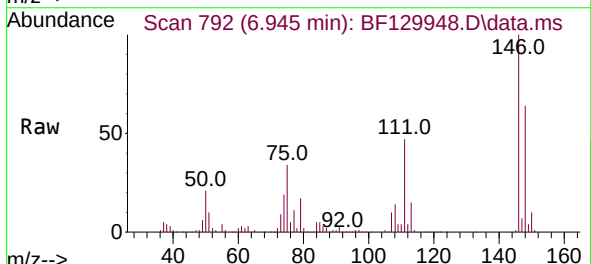
Instrument :
 BNA_F
 ClientSampleId :
 PB147059BS

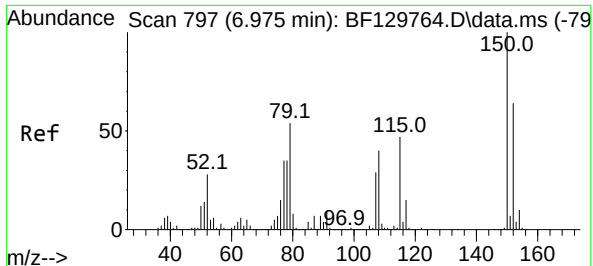
Tgt Ion:146 Resp: 445540
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 45.5 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 49.424 ng
 RT: 6.945 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BF129948.D
 Acq: 23 Aug 2022 11:54

Tgt Ion:146 Resp: 420585
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.6
 111 46.5 37.2 55.8

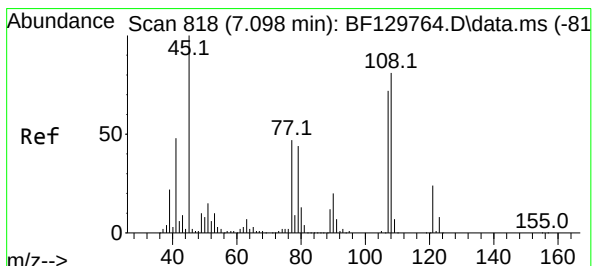
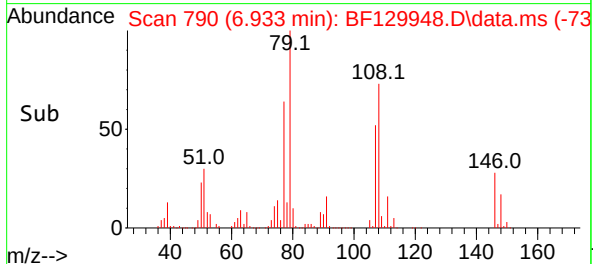
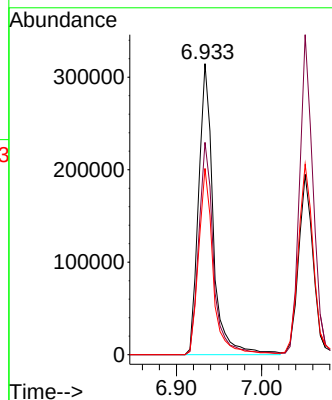
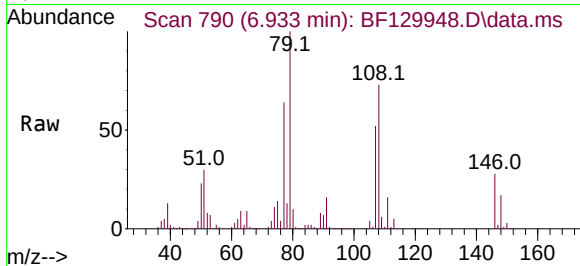




#15
Benzyl Alcohol
Concen: 53.121 ng
RT: 6.933 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

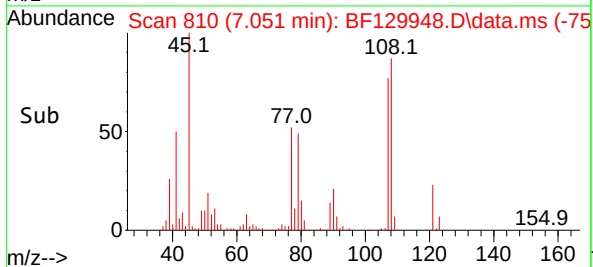
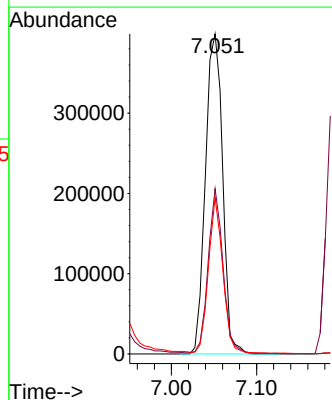
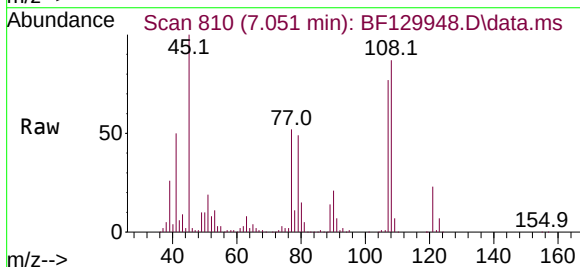
Instrument :
BNA_F
ClientSampleId :
PB147059BS

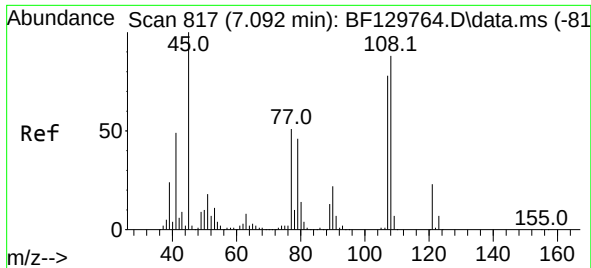
Tgt Ion: 79 Resp: 374709
Ion Ratio Lower Upper
79 100
108 72.9 59.2 88.8
77 64.0 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.343 ng
RT: 7.051 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion: 45 Resp: 556317
Ion Ratio Lower Upper
45 100
77 51.6 27.4 67.4
79 48.9 24.4 64.4

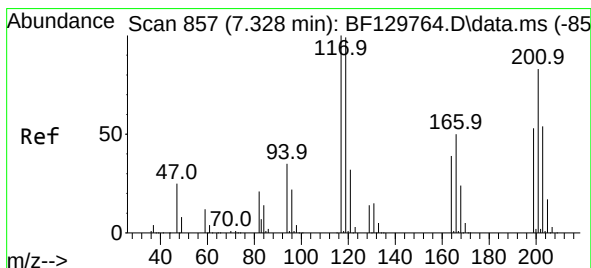
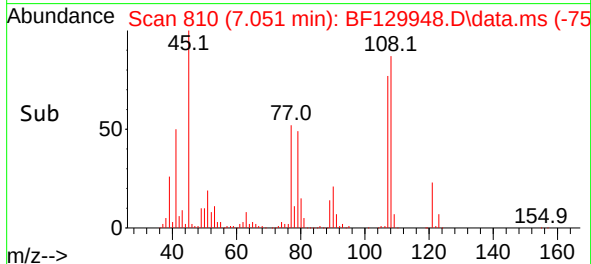
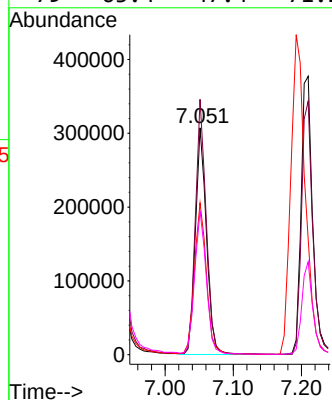
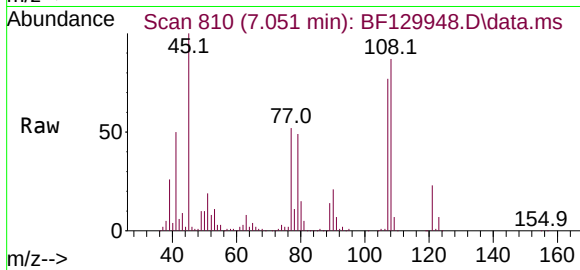




#17
2-Methylphenol
Concen: 51.869 ng
RT: 7.051 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

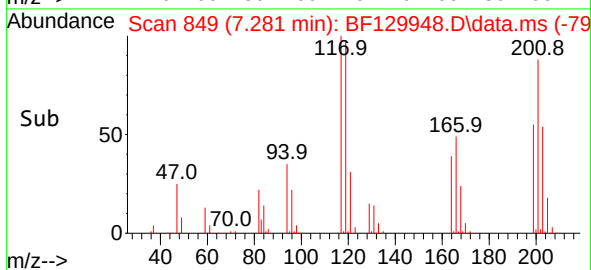
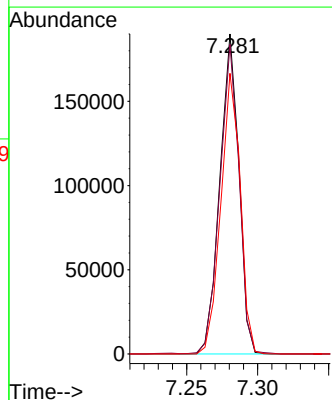
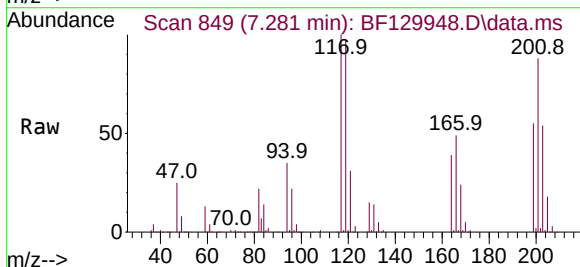
Instrument :
BNA_F
ClientSampleId :
PB147059BS

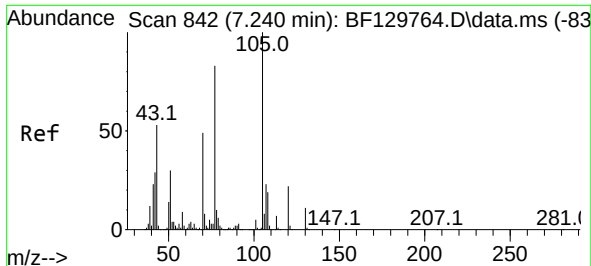
Tgt Ion:107 Resp: 345938
Ion Ratio Lower Upper
107 100
108 112.5 90.2 135.2
77 66.9 51.8 77.8
79 63.4 47.4 71.2



#18
Hexachloroethane
Concen: 51.370 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:117 Resp: 176751
Ion Ratio Lower Upper
117 100
119 96.7 79.1 118.7
201 87.7 66.6 100.0





#19

n-Nitroso-di-n-propylamine

Concen: 52.644 ng

RT: 7.198 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF129948.D

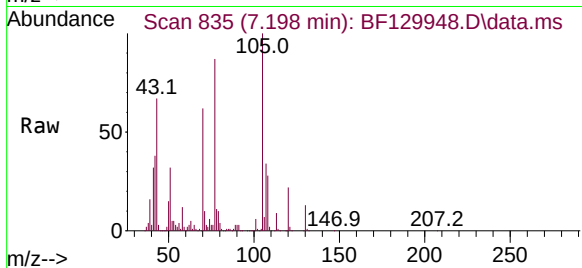
Acq: 23 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB147059BS



Tgt Ion: 70 Resp: 310916

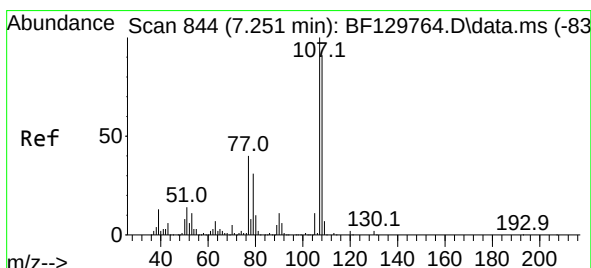
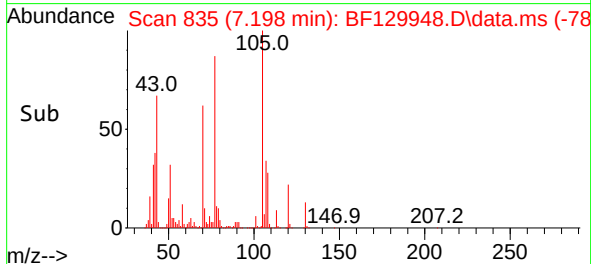
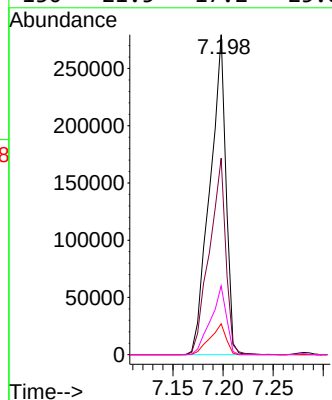
Ion Ratio Lower Upper

70 100

42 61.4 47.6 71.4

101 9.6 8.1 12.1

130 21.5 17.2 25.8



#20

3+4-Methylphenols

Concen: 49.801 ng

RT: 7.210 min Scan# 837

Delta R.T. 0.006 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

Tgt Ion: 107 Resp: 445855

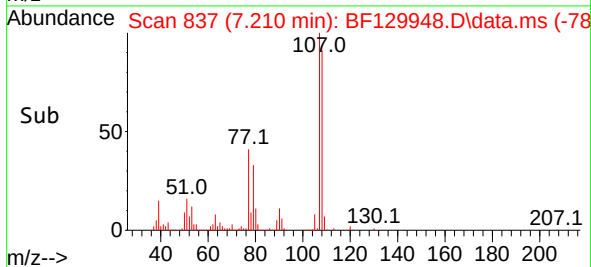
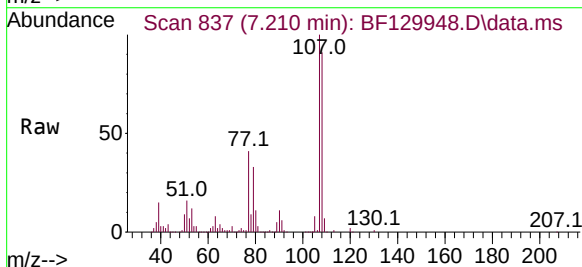
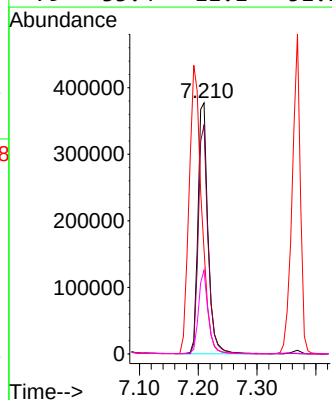
Ion Ratio Lower Upper

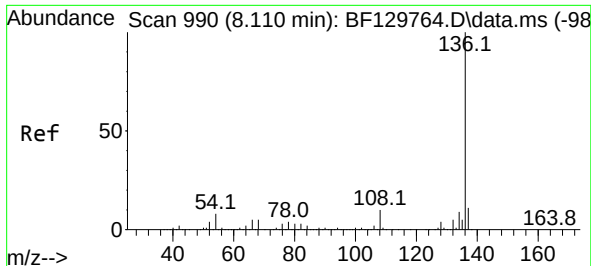
107 100

108 91.1 71.3 111.3

77 41.4 20.4 60.4

79 33.4 11.1 51.1

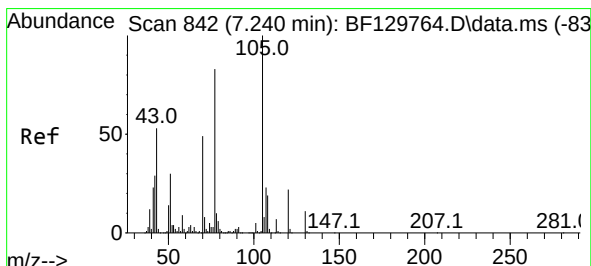
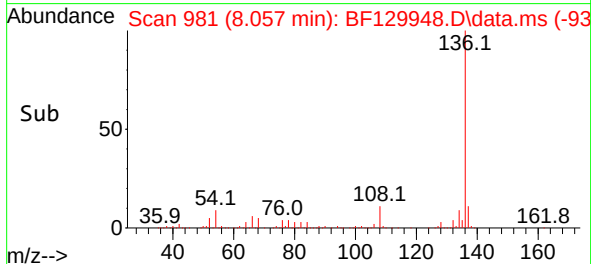
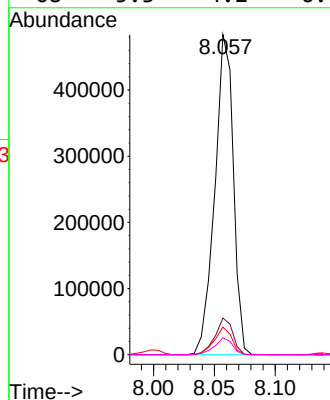
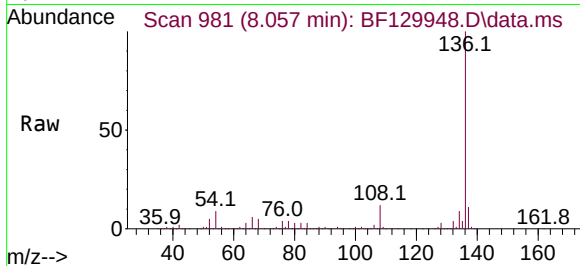




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

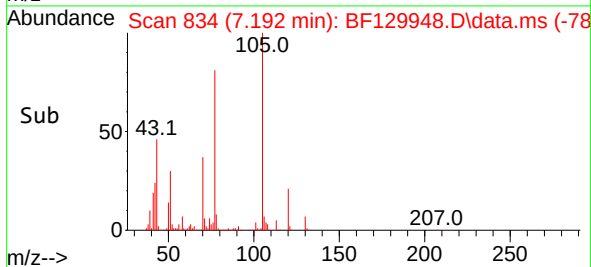
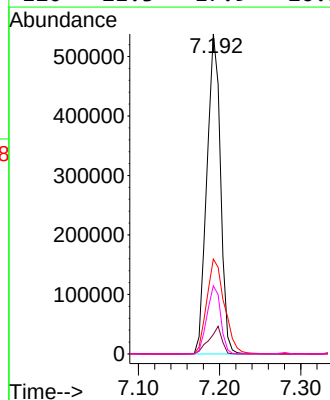
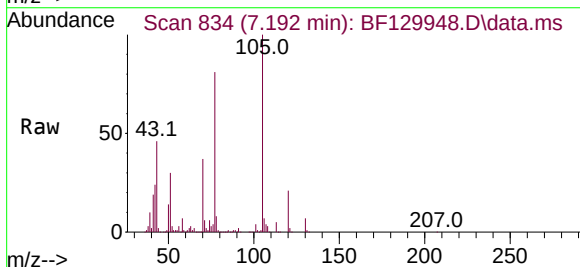
Instrument :
BNA_F
ClientSampleId :
PB147059BS

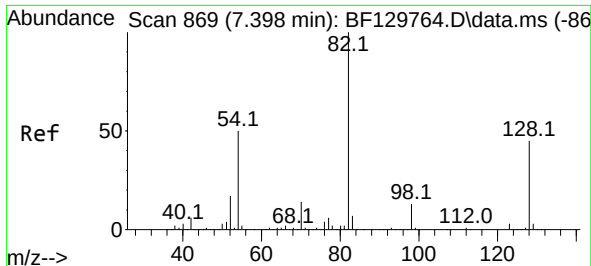
Tgt Ion:	136	Resp:	513594
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.4	12.6
54	8.6	6.2	9.2
68	5.3	4.2	6.4



#22
Acetophenone
Concen: 49.983 ng
RT: 7.192 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:	105	Resp:	625584
Ion Ratio	Lower	Upper	
105	100		
71	6.1	6.6	9.8#
51	29.7	23.8	35.8
120	21.3	17.9	26.9





#23
Nitrobenzene-d5
Concen: 95.051 ng
RT: 7.351 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

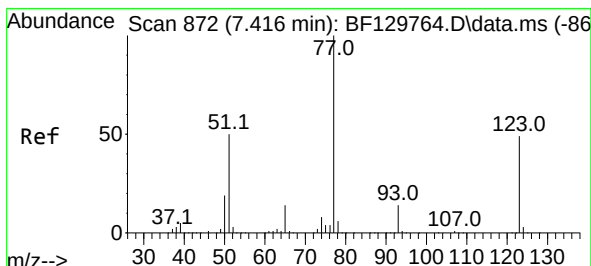
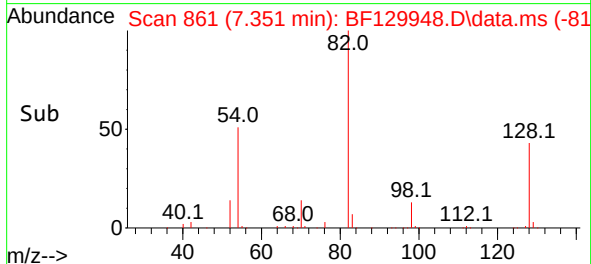
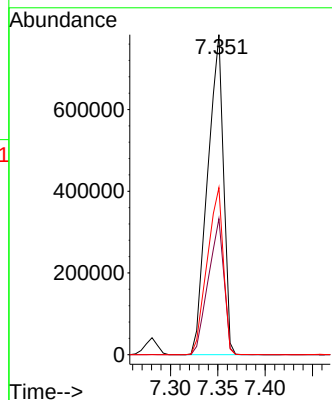
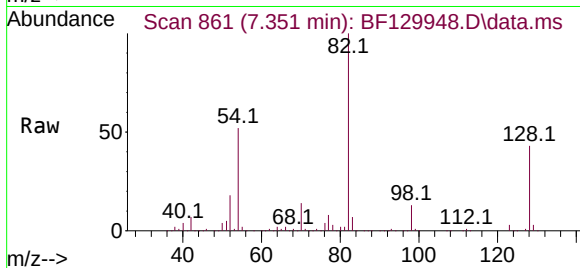
Instrument :

BNA_F

ClientSampleId :

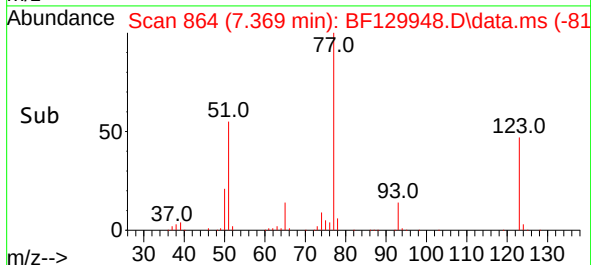
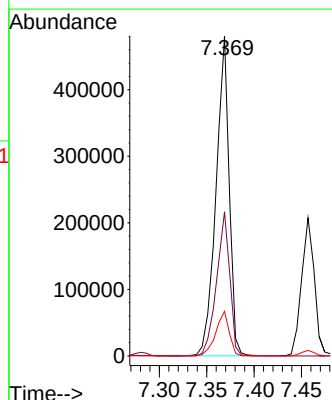
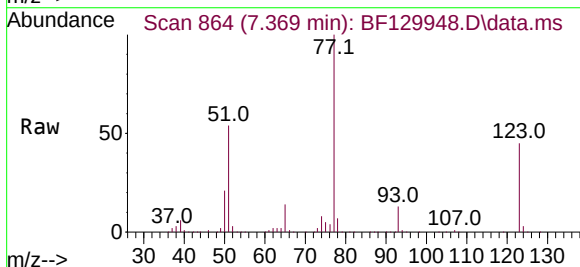
PB147059BS

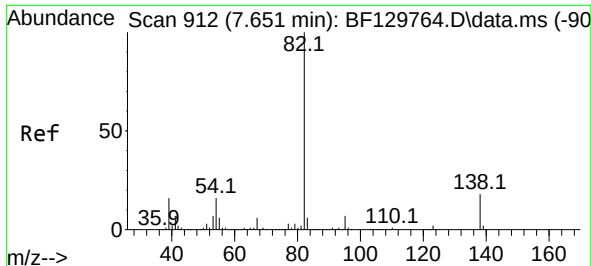
Tgt Ion: 82 Resp: 911938
Ion Ratio Lower Upper
82 100
128 42.5 36.1 54.1
54 52.2 40.0 60.0



#24
Nitrobenzene
Concen: 48.066 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion: 77 Resp: 465013
Ion Ratio Lower Upper
77 100
123 45.0 39.2 58.8
65 13.9 11.1 16.7

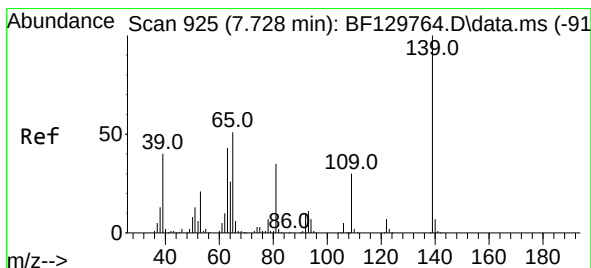
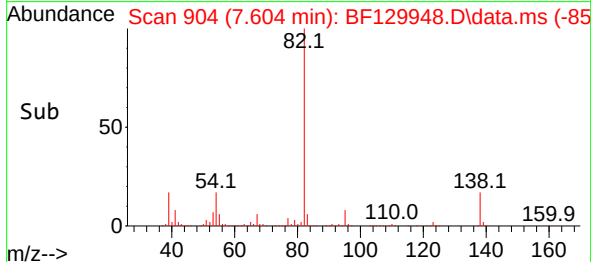
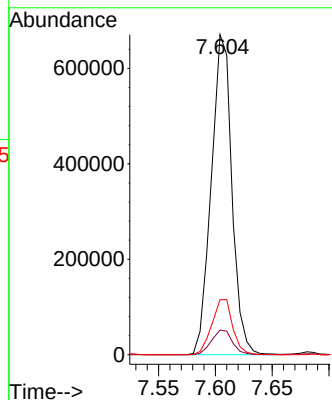
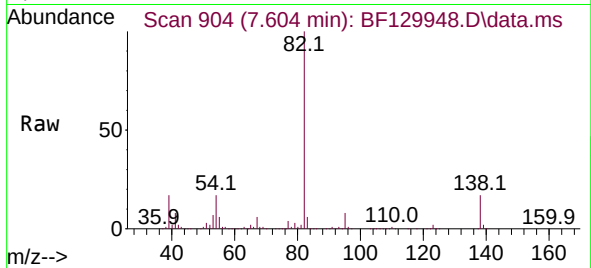




#25
Isophorone
Concen: 51.264 ng
RT: 7.604 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

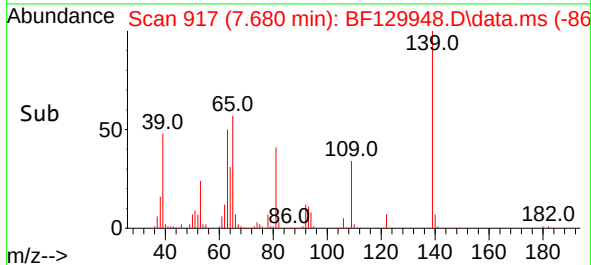
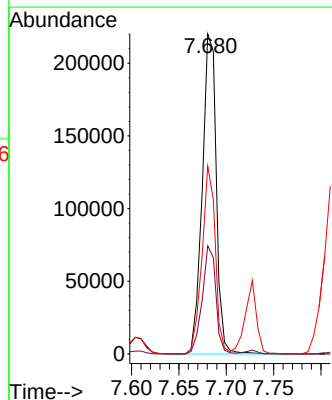
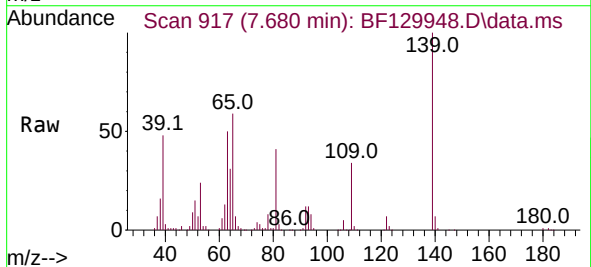
Instrument :
BNA_F
ClientSampleId :
PB147059BS

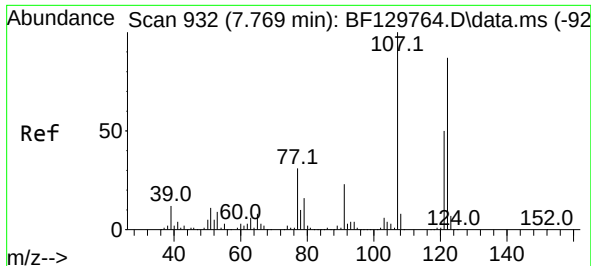
Tgt Ion: 82 Resp: 846532
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 17.2 14.6 21.8



#26
2-Nitrophenol
Concen: 47.825 ng
RT: 7.680 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion: 139 Resp: 227583
Ion Ratio Lower Upper
139 100
109 33.8 24.4 36.6
65 58.7 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 54.353 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB147059BS

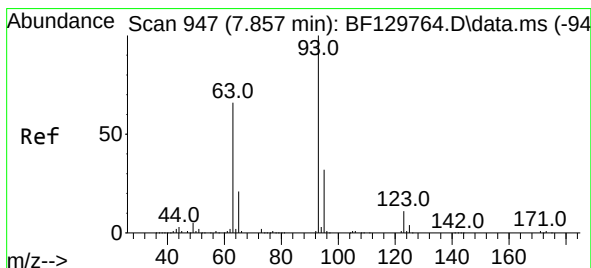
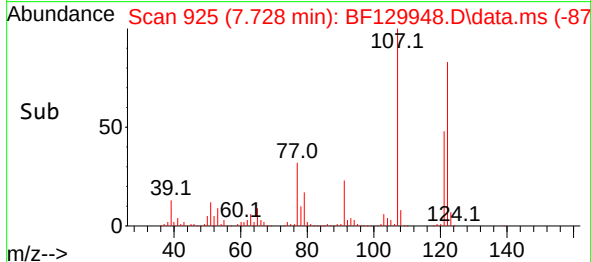
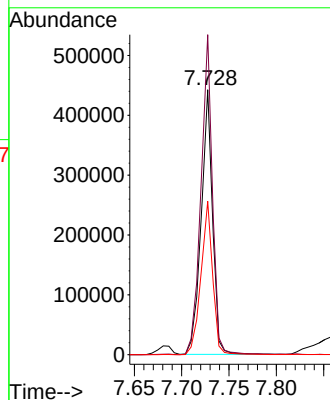
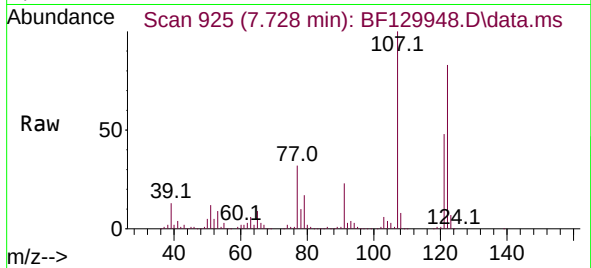
Tgt Ion:122 Resp: 370933

Ion Ratio Lower Upper

122 100

107 120.8 92.2 138.4

121 57.9 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 52.486 ng

RT: 7.810 min Scan# 939

Delta R.T. -0.000 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

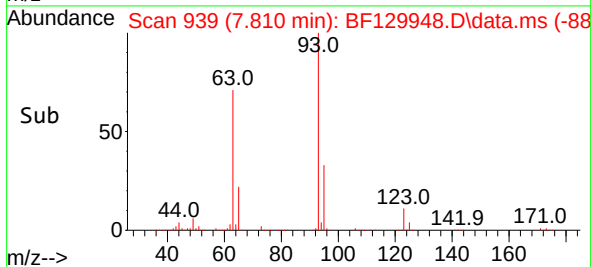
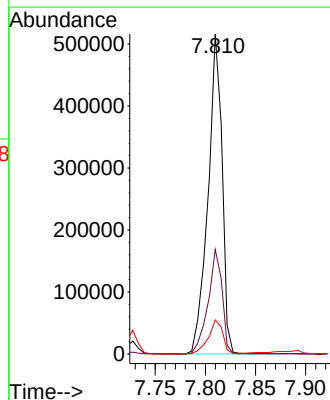
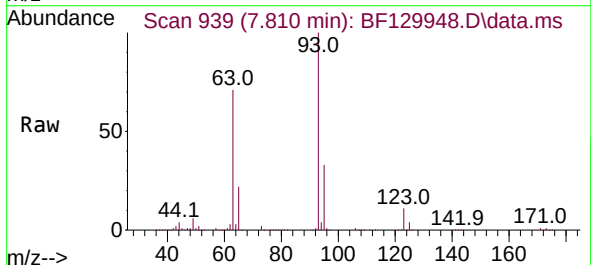
Tgt Ion: 93 Resp: 506054

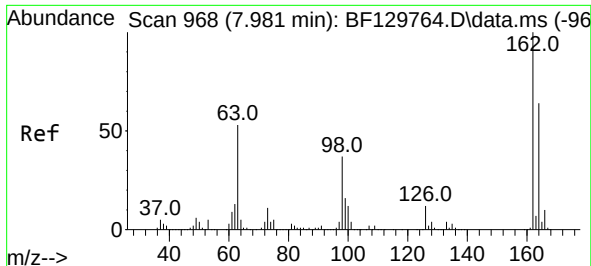
Ion Ratio Lower Upper

93 100

95 32.7 25.6 38.4

123 10.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 47.455 ng

RT: 7.933 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB147059BS

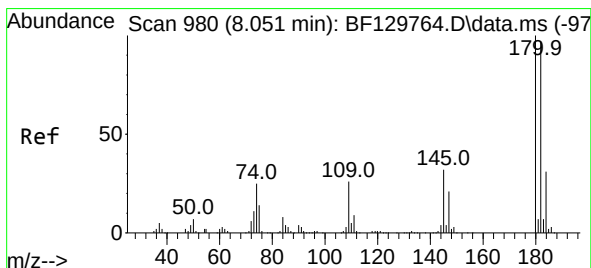
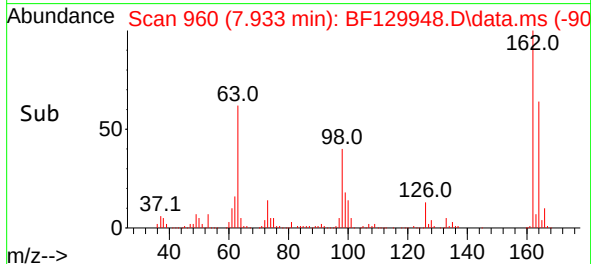
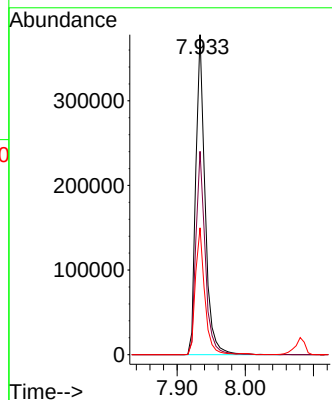
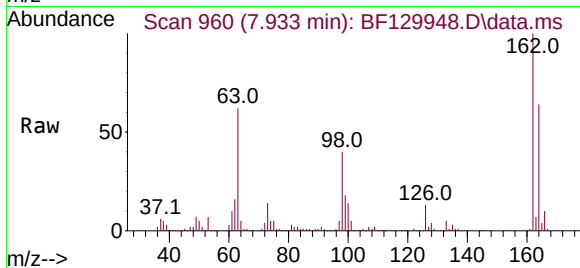
Tgt Ion:162 Resp: 354121

Ion Ratio Lower Upper

162 100

164 63.6 43.7 83.7

98 39.7 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 45.317 ng

RT: 8.004 min Scan# 972

Delta R.T. -0.000 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

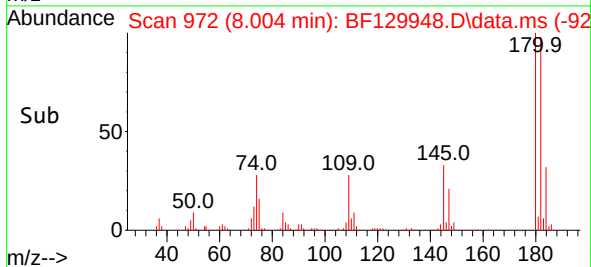
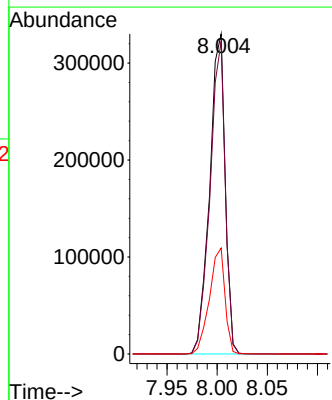
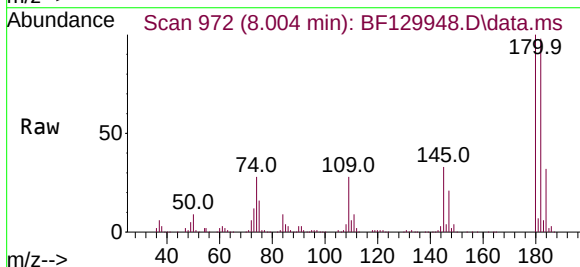
Tgt Ion:180 Resp: 356751

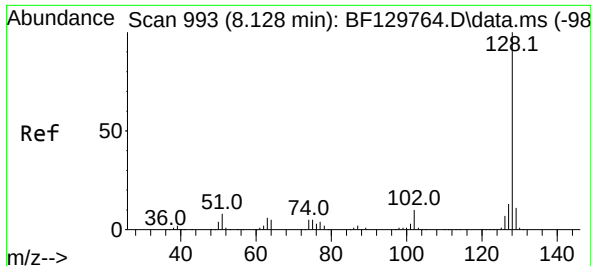
Ion Ratio Lower Upper

180 100

182 97.8 77.6 116.4

145 33.1 25.6 38.4

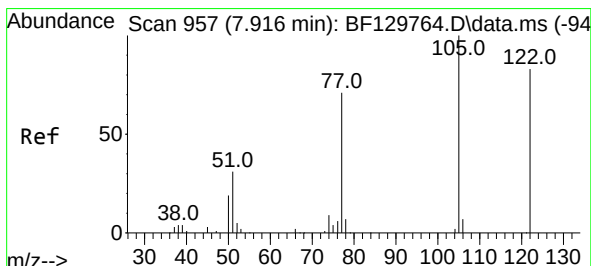
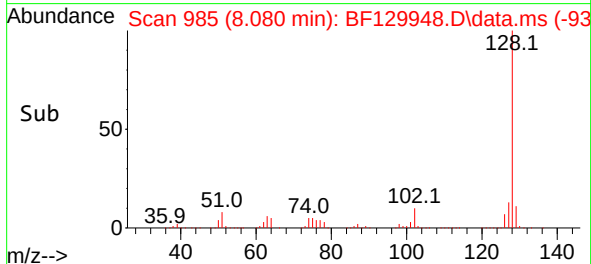
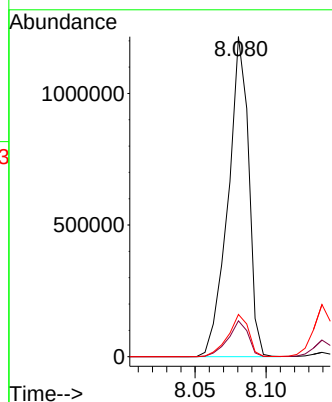
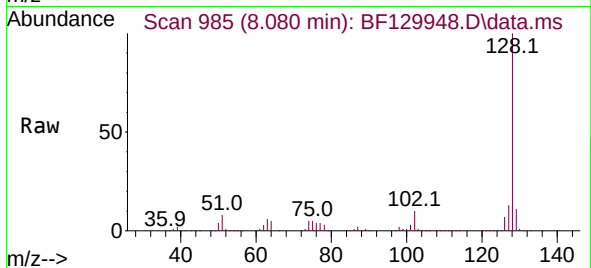




#31
Naphthalene
Concen: 45.598 ng
RT: 8.080 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

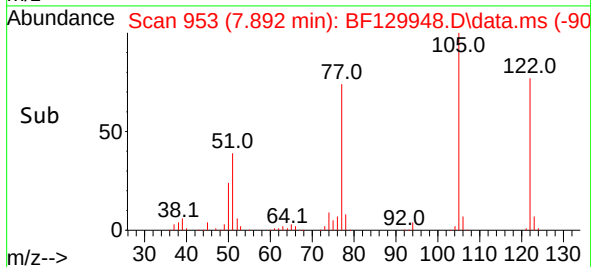
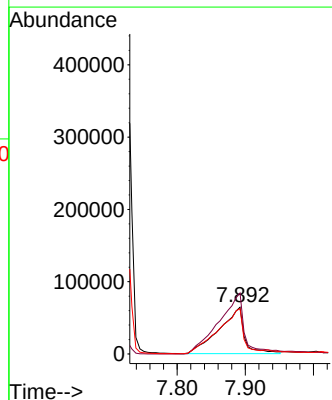
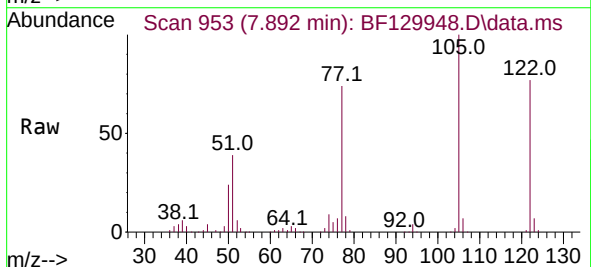
Instrument :
BNA_F
ClientSampleId :
PB147059BS

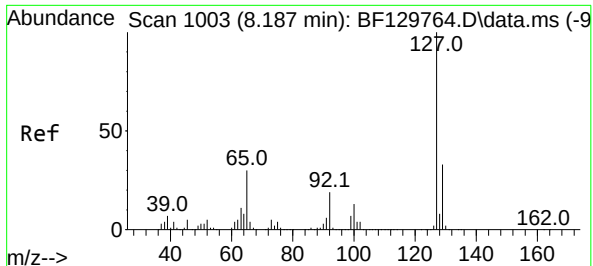
Tgt Ion:128 Resp: 1224484
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 52.733 ng
RT: 7.892 min Scan# 953
Delta R.T. 0.012 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:122 Resp: 167008
Ion Ratio Lower Upper
122 100
105 130.4 99.9 139.9
77 97.1 65.9 105.9





#33

4-Chloroaniline

Concen: 23.112 ng

RT: 8.139 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB147059BS

Tgt Ion:127 Resp: 244067

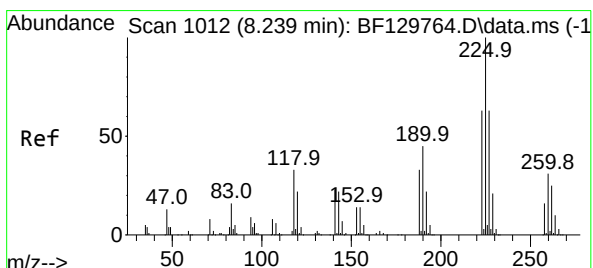
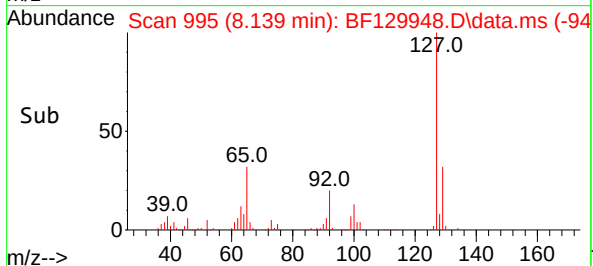
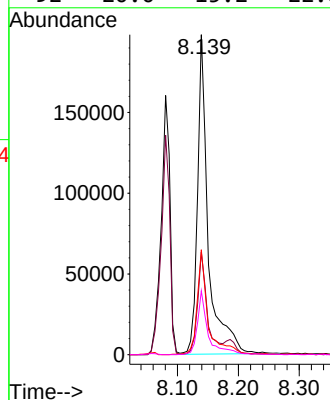
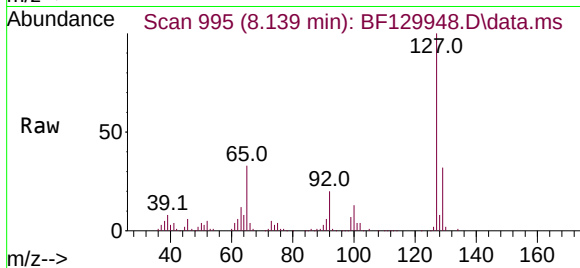
Ion Ratio Lower Upper

127 100

129 32.0 26.7 40.1

65 32.8 24.2 36.2

92 20.0 15.2 22.8



#34

Hexachlorobutadiene

Concen: 46.728 ng

RT: 8.192 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

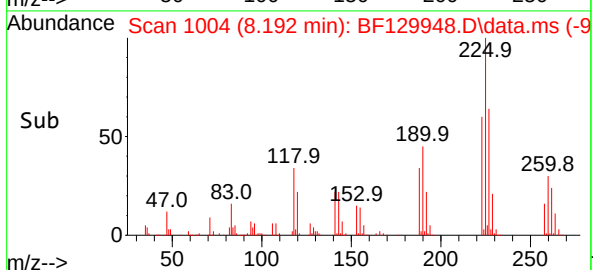
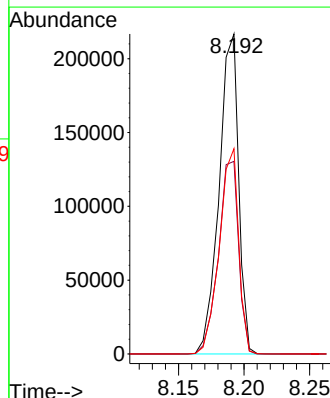
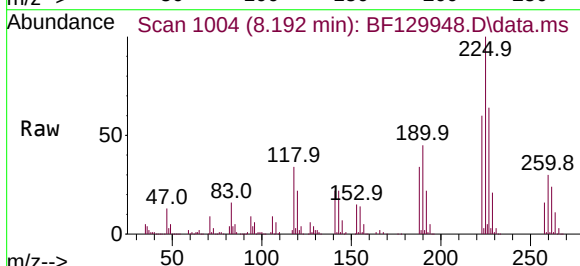
Tgt Ion:225 Resp: 223993

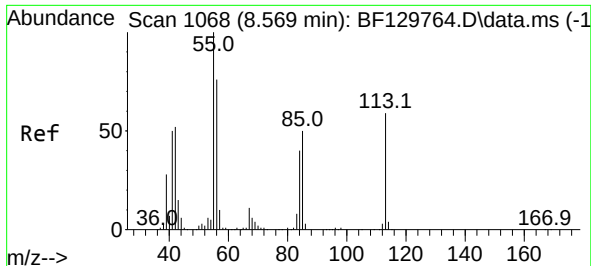
Ion Ratio Lower Upper

225 100

223 60.2 50.2 75.2

227 64.2 50.6 75.8

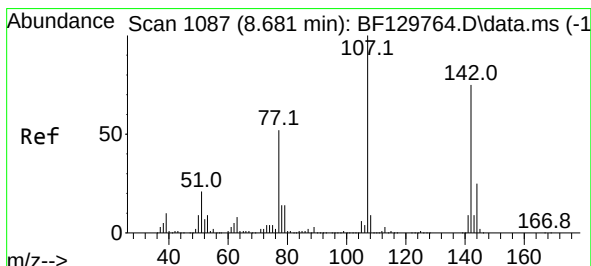
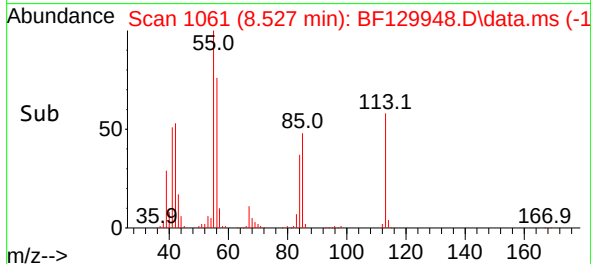
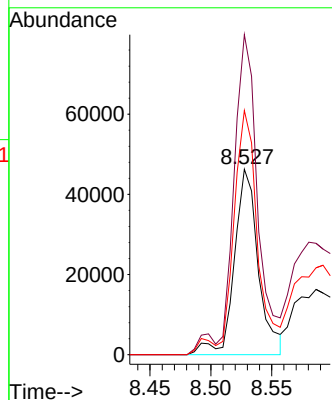
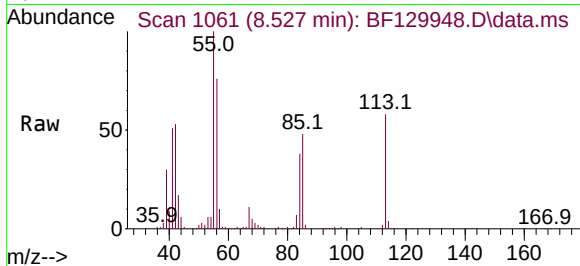




#35
 Caprolactam
 Concen: 27.402 ng
 RT: 8.527 min Scan# 1061
 Delta R.T. -0.000 min
 Lab File: BF129948.D
 Acq: 23 Aug 2022 11:54

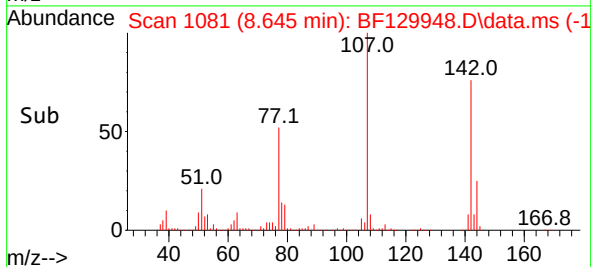
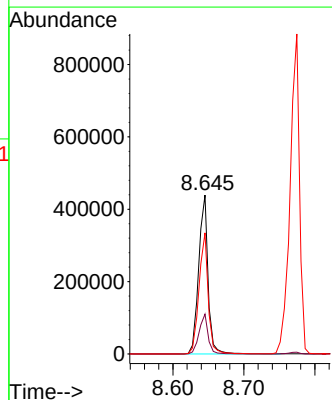
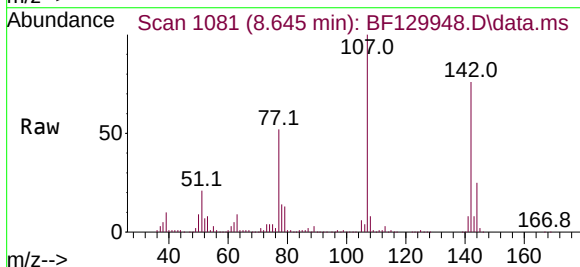
Instrument :
 BNA_F
 ClientSampleId :
 PB147059BS

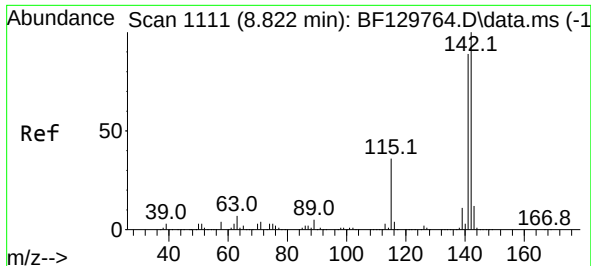
Tgt Ion:113 Resp: 63589
 Ion Ratio Lower Upper
 113 100
 55 172.6 148.8 188.8
 56 131.7 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 50.135 ng
 RT: 8.645 min Scan# 1081
 Delta R.T. 0.012 min
 Lab File: BF129948.D
 Acq: 23 Aug 2022 11:54

Tgt Ion:107 Resp: 403612
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.9 29.9
 142 76.3 60.2 90.4

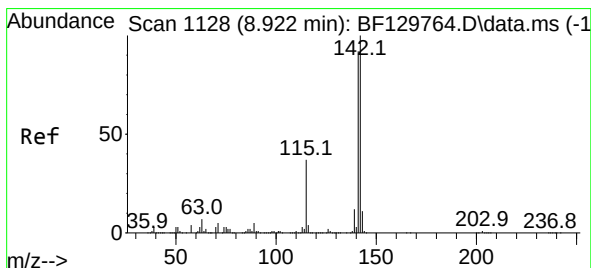
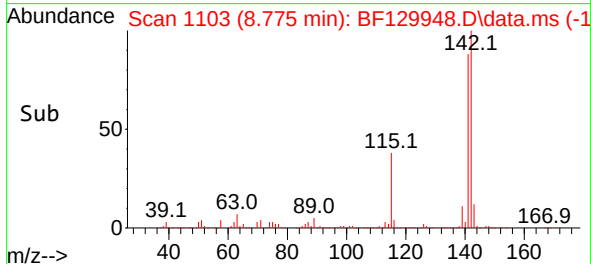
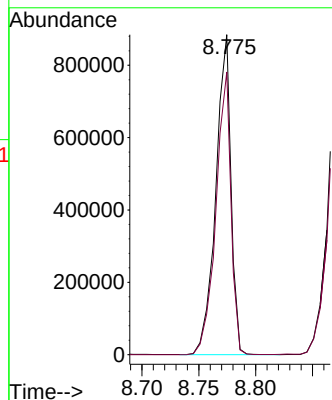
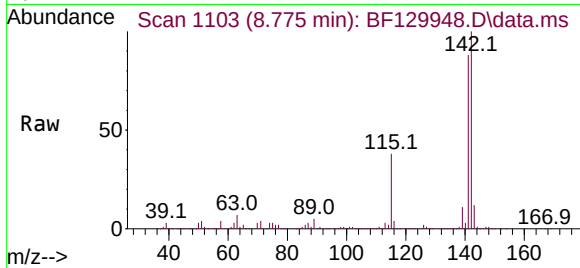




#37
2-Methylnaphthalene
Concen: 46.552 ng
RT: 8.775 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

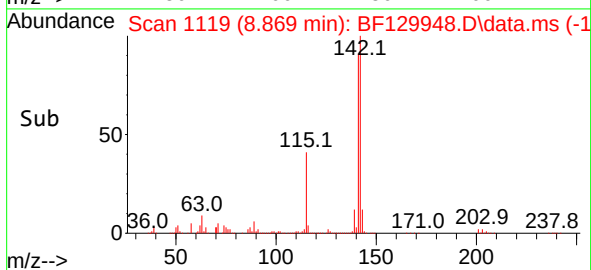
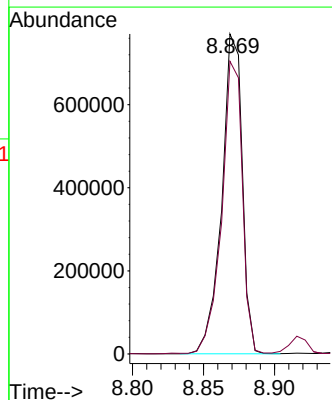
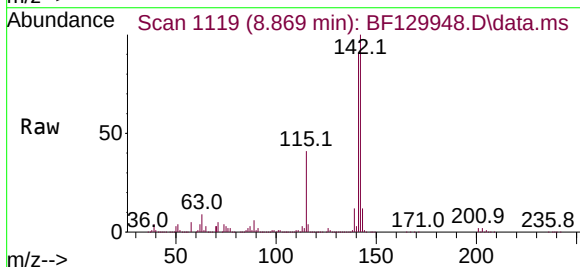
Instrument :
BNA_F
ClientSampleId :
PB147059BS

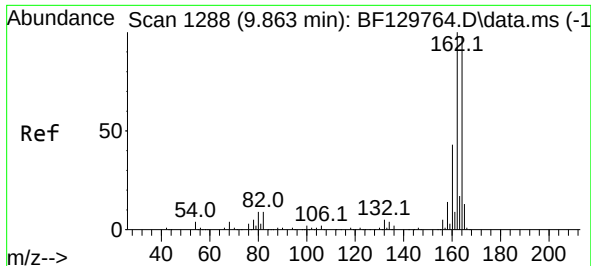
Tgt Ion:142 Resp: 820484
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3



#38
1-Methylnaphthalene
Concen: 44.953 ng
RT: 8.869 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:142 Resp: 769992
Ion Ratio Lower Upper
142 100
141 91.4 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB147059BS

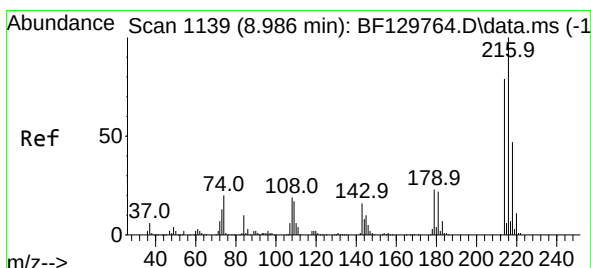
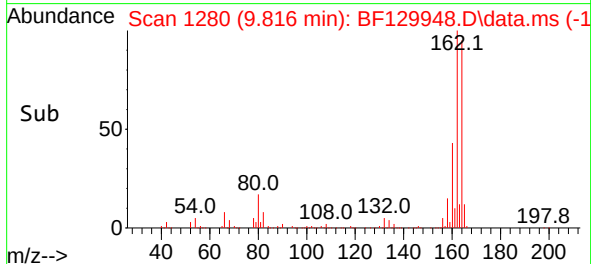
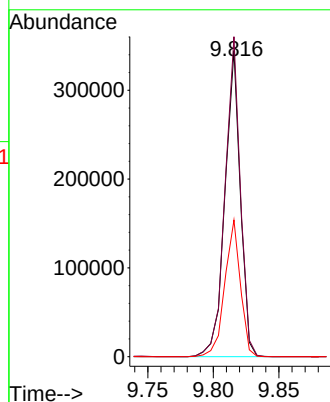
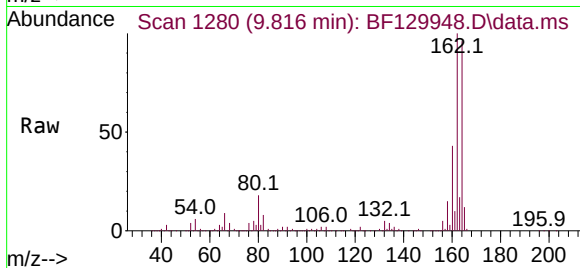
Tgt Ion:164 Resp: 281285

Ion Ratio Lower Upper

164 100

162 104.5 82.0 123.0

160 44.6 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.201 ng

RT: 8.939 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

Tgt Ion:216 Resp: 361454

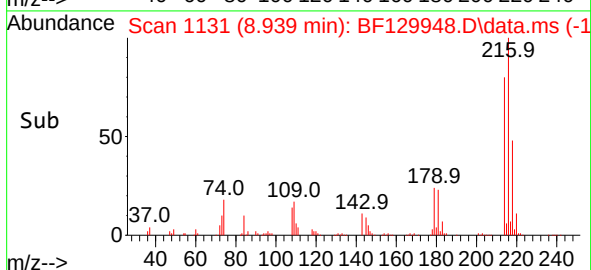
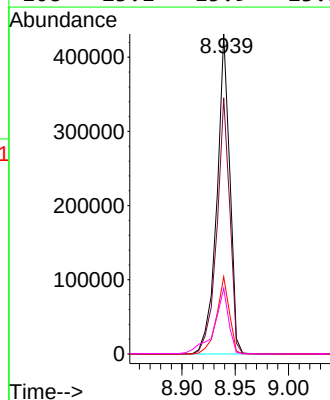
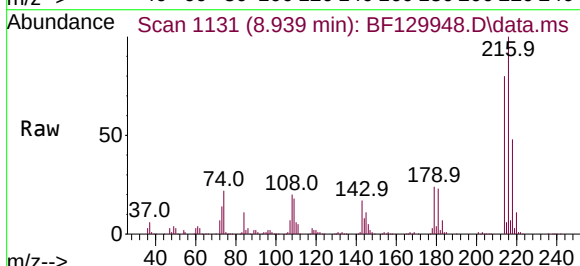
Ion Ratio Lower Upper

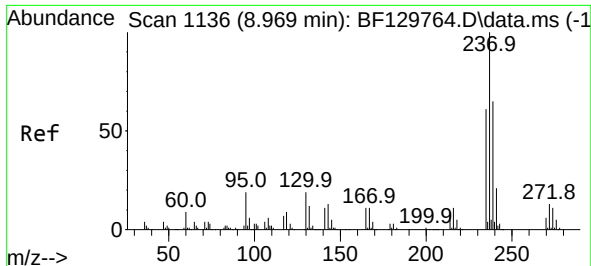
216 100

214 80.0 63.1 94.7

179 23.8 18.1 27.1

108 23.1 15.9 23.9

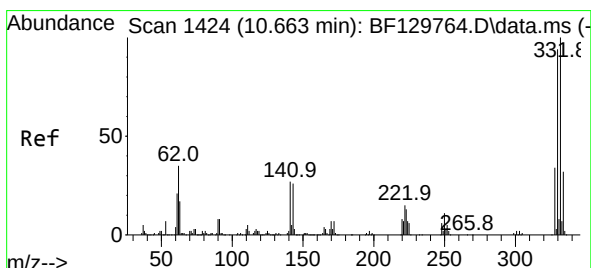
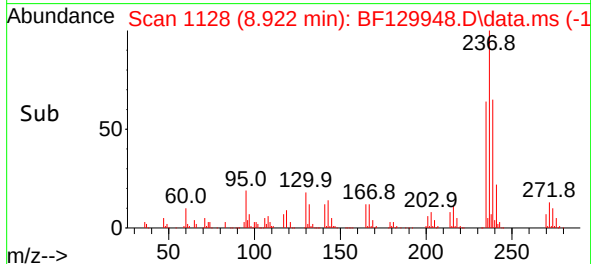
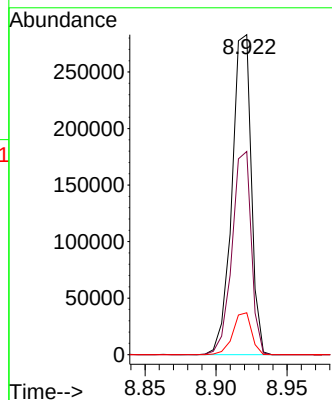
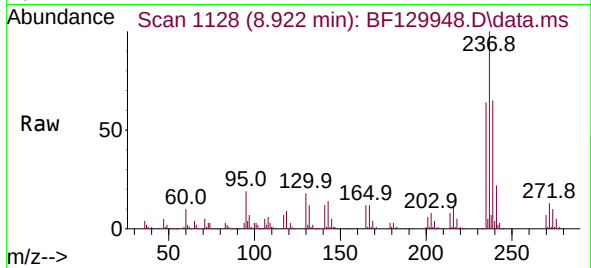




#41
Hexachlorocyclopentadiene
Concen: 94.950 ng
RT: 8.922 min Scan# 1136
Delta R.T. 0.006 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

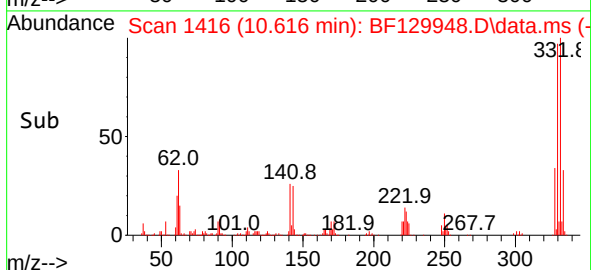
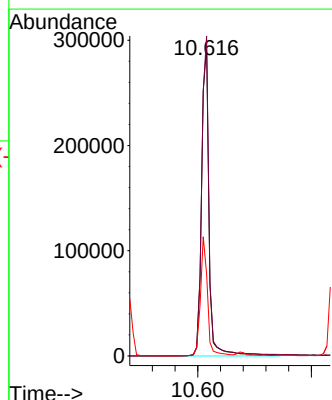
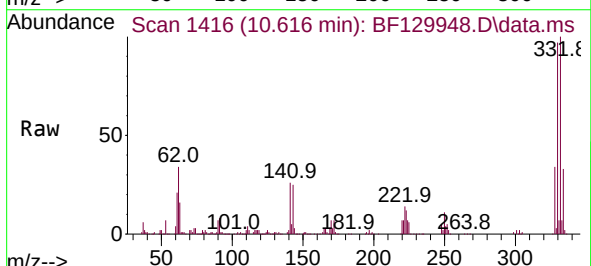
Instrument :
BNA_F
ClientSampleId :
PB147059BS

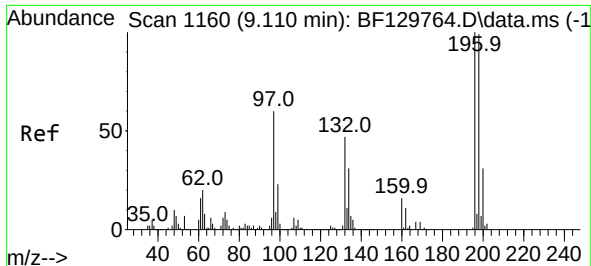
Tgt Ion:237 Resp: 268434
Ion Ratio Lower Upper
237 100
235 63.5 41.5 81.5
272 13.1 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 95.524 ng
RT: 10.616 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:330 Resp: 269675
Ion Ratio Lower Upper
330 100
332 101.5 82.6 124.0
141 36.5 27.6 41.4

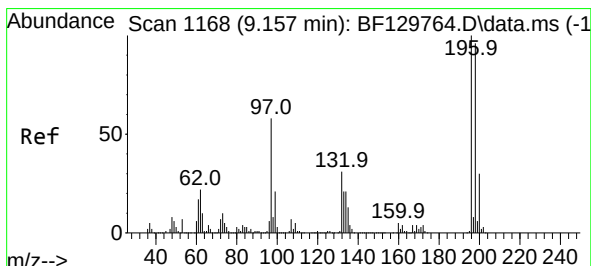
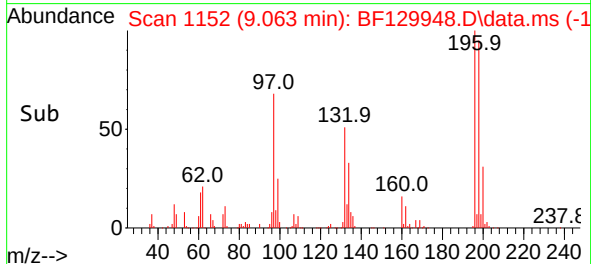
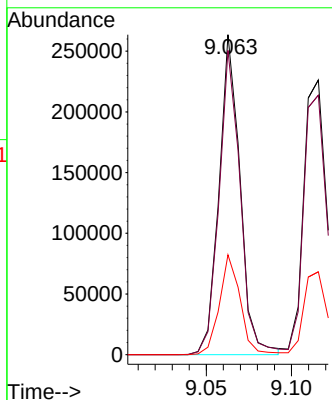
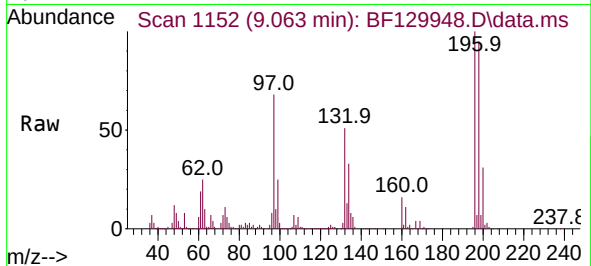




#43
2,4,6-Trichlorophenol
Concen: 44.487 ng
RT: 9.063 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

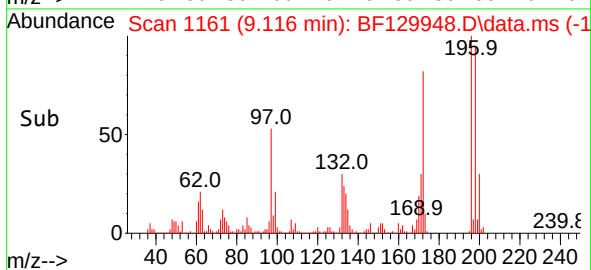
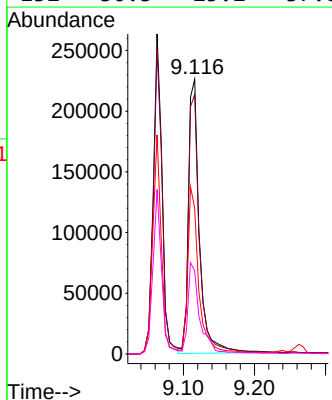
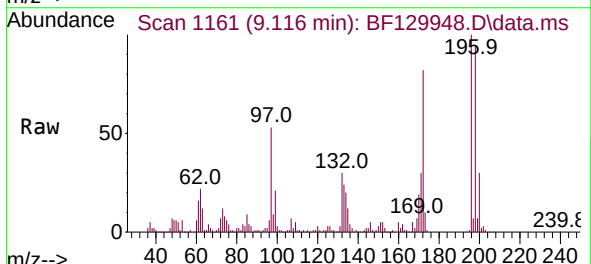
Instrument :
BNA_F
ClientSampleId :
PB147059BS

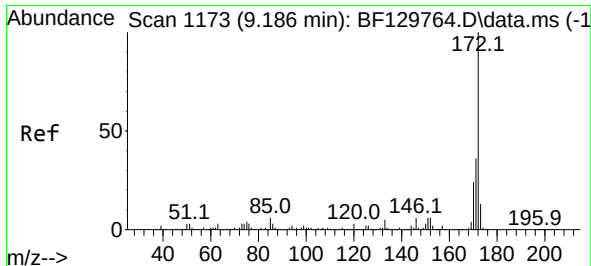
Tgt Ion:196 Resp: 226131
Ion Ratio Lower Upper
196 100
198 95.1 79.0 118.4
200 31.2 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 44.677 ng
RT: 9.116 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:196 Resp: 244324
Ion Ratio Lower Upper
196 100
198 94.5 76.4 114.6
97 53.0 46.5 69.7
132 30.3 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 90.997 ng

RT: 9.133 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB147059BS

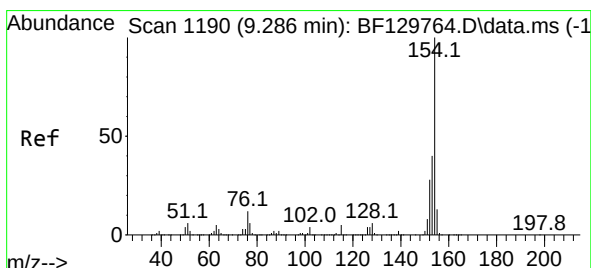
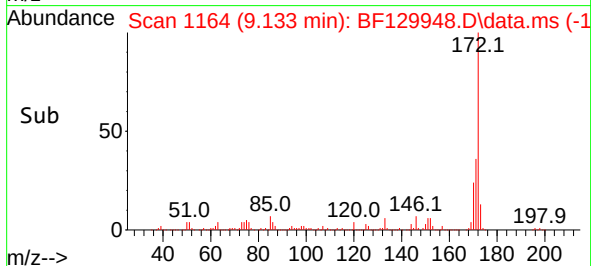
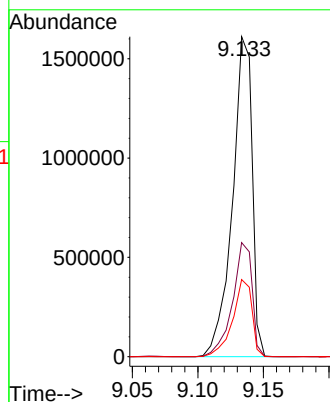
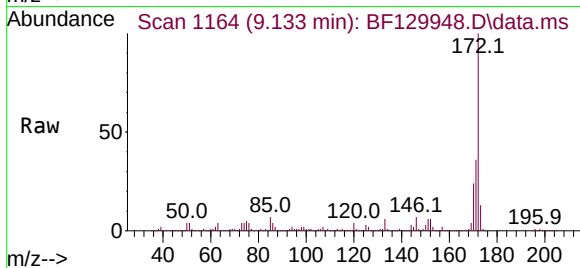
Tgt Ion:172 Resp: 1685280

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 47.093 ng

RT: 9.239 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

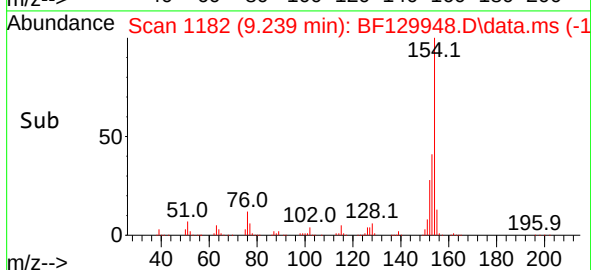
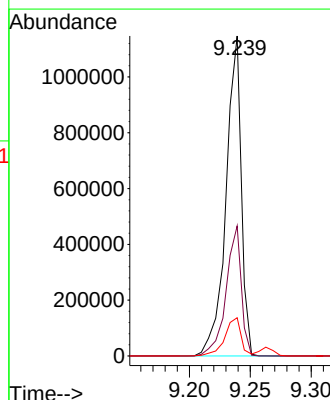
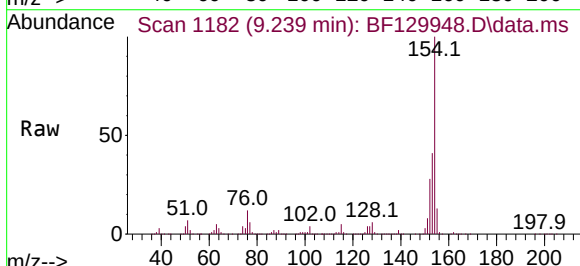
Tgt Ion:154 Resp: 1006327

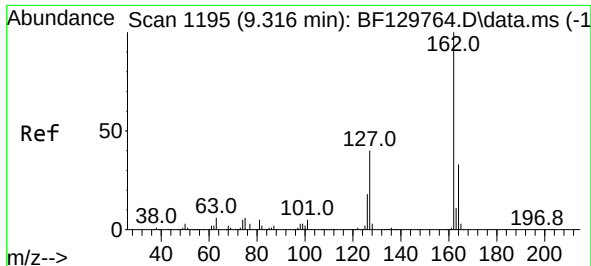
Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

76 11.9 0.0 32.1

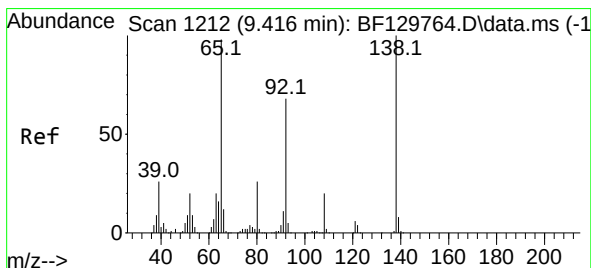
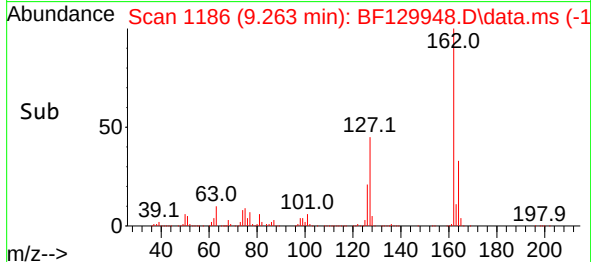
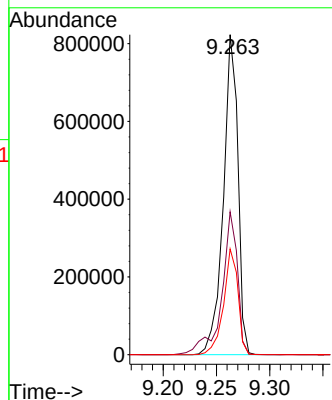
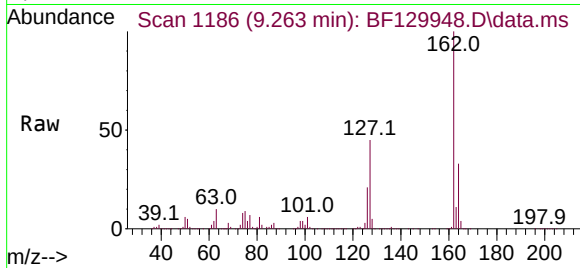




#47
2-Chloronaphthalene
Concen: 46.190 ng
RT: 9.263 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

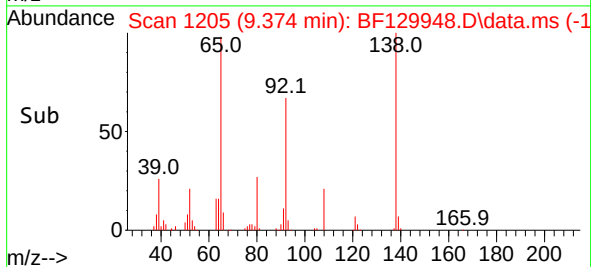
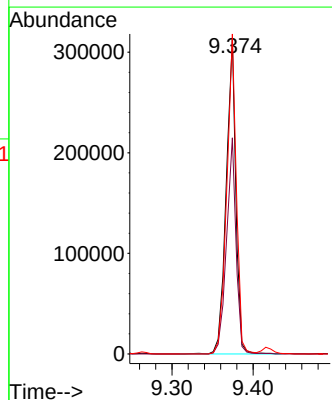
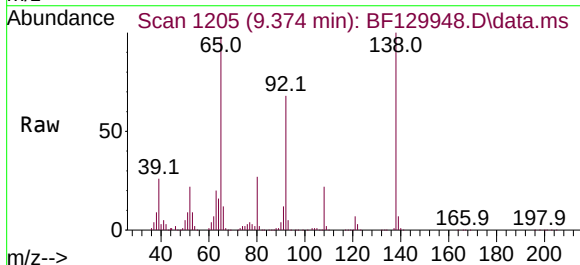
Instrument :
BNA_F
ClientSampleId :
PB147059BS

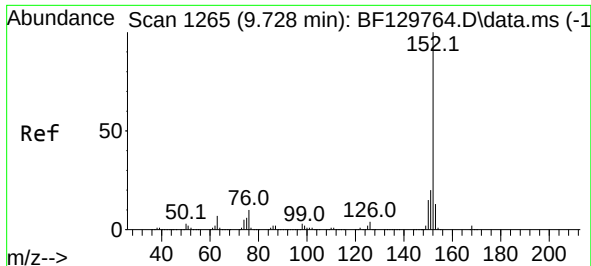
Tgt Ion:162 Resp: 780969
Ion Ratio Lower Upper
162 100
127 44.6 33.1 49.7
164 33.1 26.7 40.1



#48
2-Nitroaniline
Concen: 48.923 ng
RT: 9.374 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion: 65 Resp: 261406
Ion Ratio Lower Upper
65 100
92 68.6 55.0 82.4
138 101.6 81.3 121.9





#49

Acenaphthylene

Concen: 45.797 ng

RT: 9.680 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB147059BS

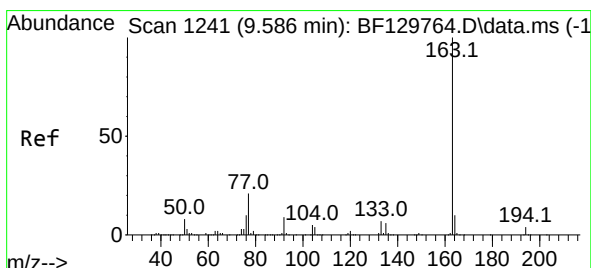
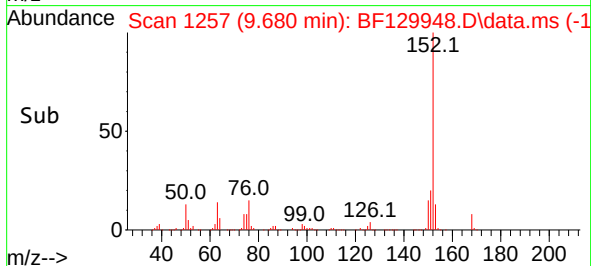
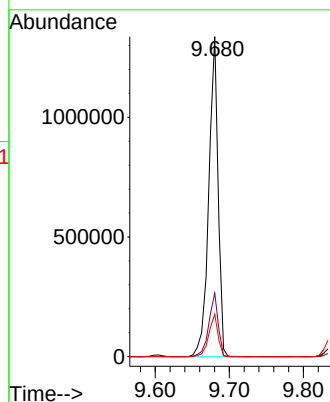
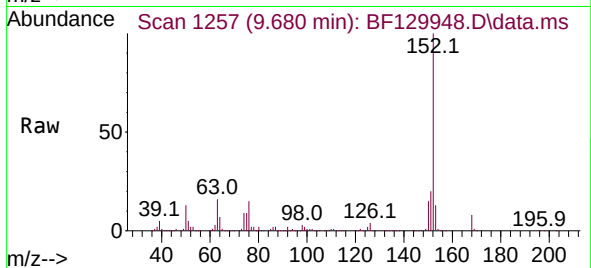
Tgt Ion:152 Resp: 1174204

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 46.978 ng

RT: 9.545 min Scan# 1234

Delta R.T. 0.006 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

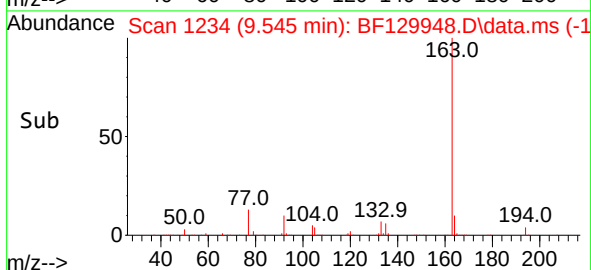
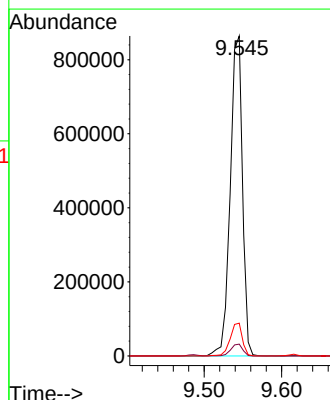
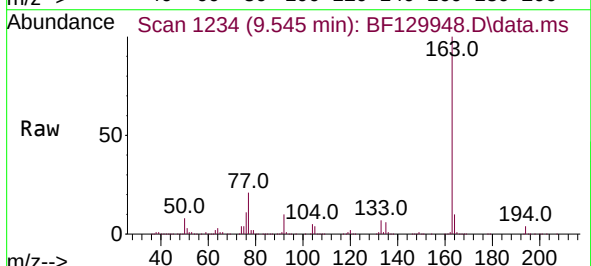
Tgt Ion:163 Resp: 947282

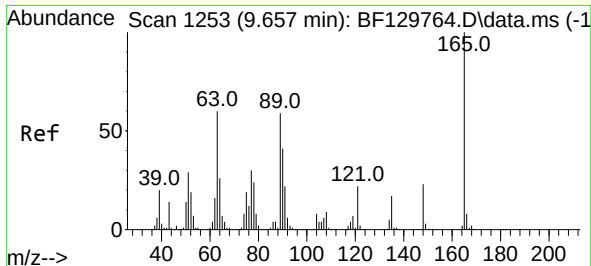
Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.972 ng

RT: 9.616 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB147059BS

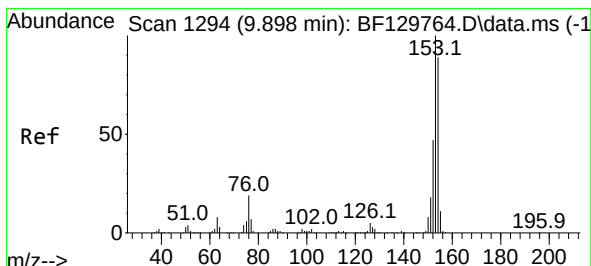
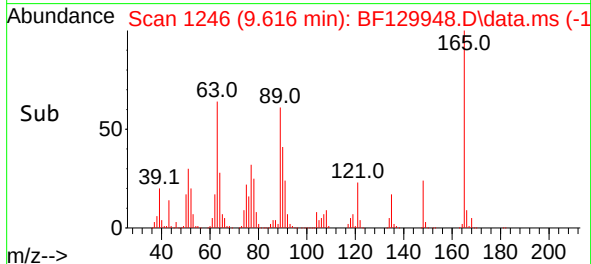
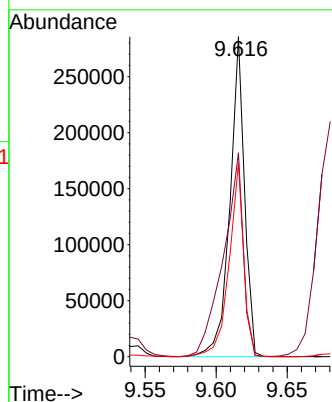
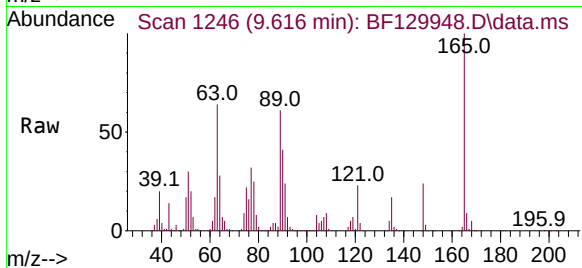
Tgt Ion:165 Resp: 205462

Ion Ratio Lower Upper

165 100

63 63.7 47.8 71.8

89 60.6 47.2 70.8



#52

Acenaphthene

Concen: 45.939 ng

RT: 9.851 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

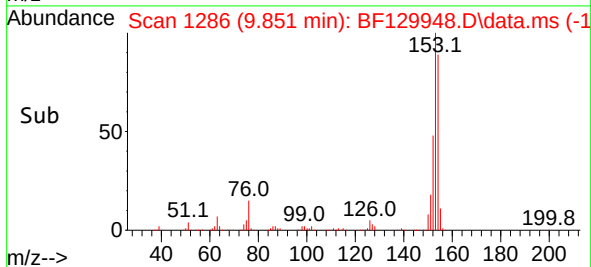
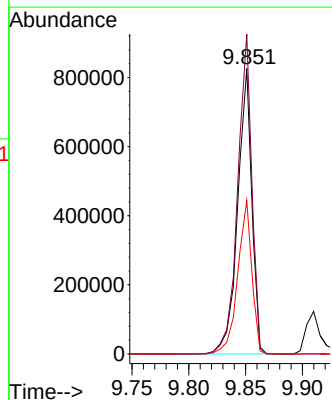
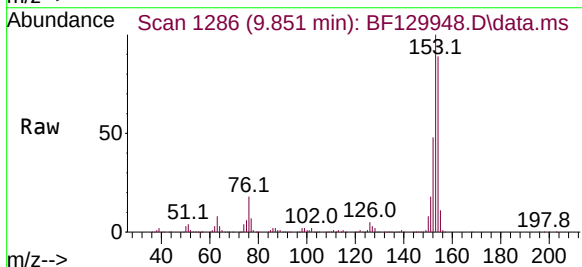
Tgt Ion:154 Resp: 714595

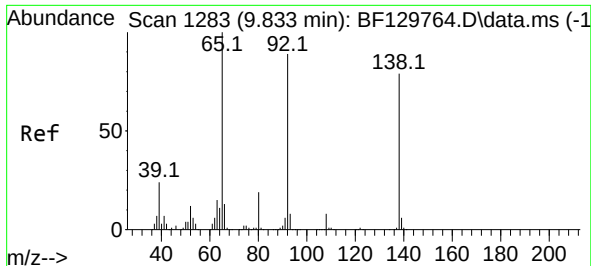
Ion Ratio Lower Upper

154 100

153 112.1 89.8 134.6

152 53.8 42.1 63.1

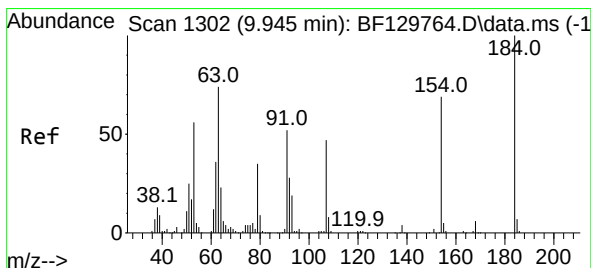
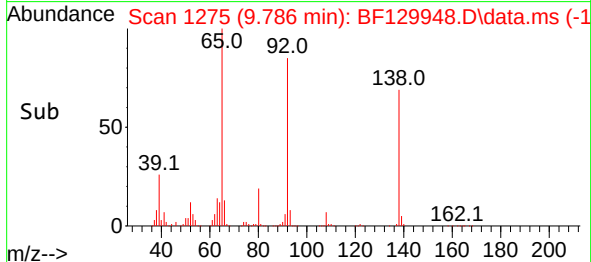
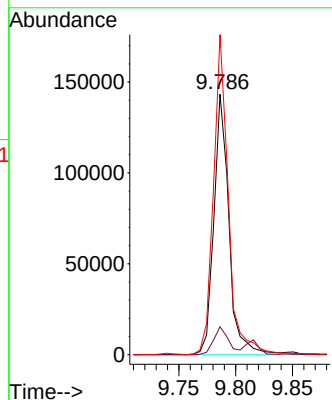
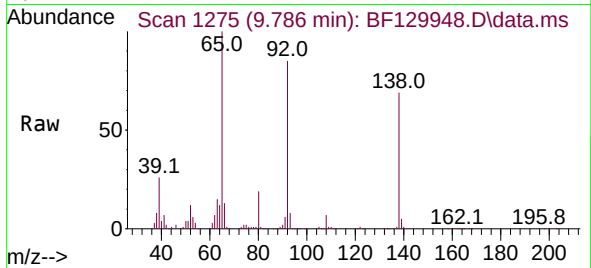




#53
3-Nitroaniline
Concen: 27.357 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

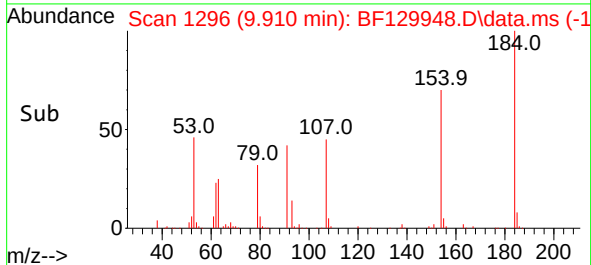
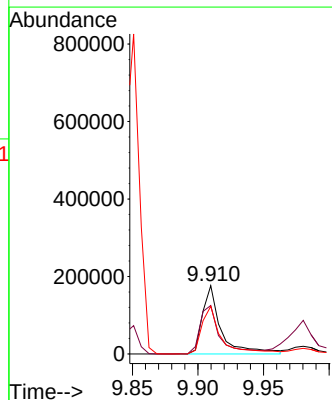
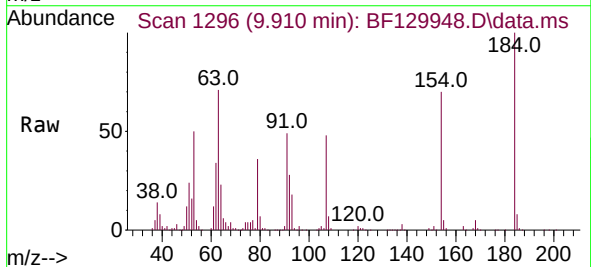
Instrument :
BNA_F
ClientSampleId :
PB147059BS

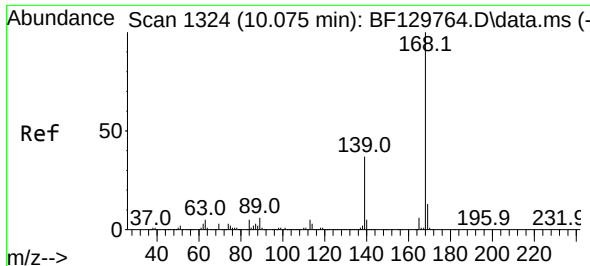
Tgt Ion:138 Resp: 132336
Ion Ratio Lower Upper
138 100
108 10.7 8.4 12.6
92 122.9 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 88.115 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:184 Resp: 175438
Ion Ratio Lower Upper
184 100
63 70.9 59.6 89.4
154 69.8 55.3 82.9

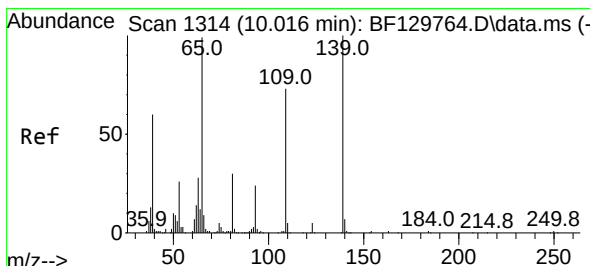
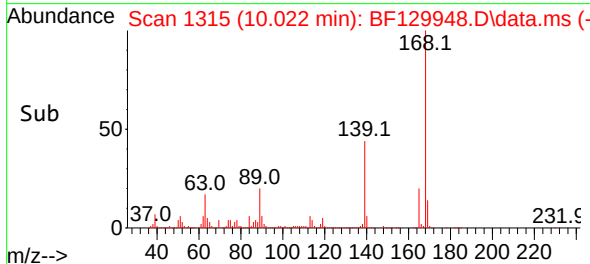
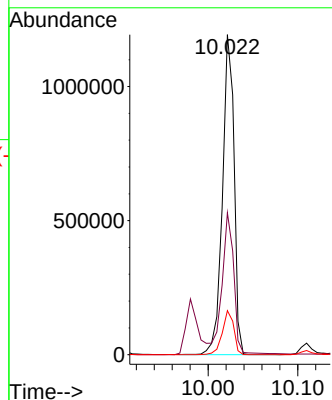
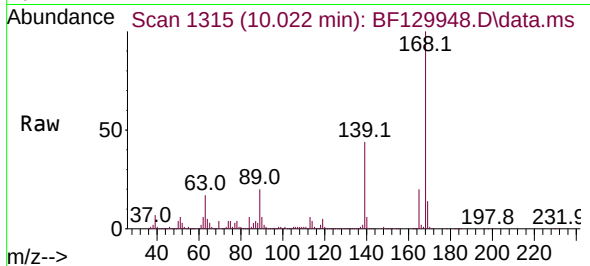




#55
Dibenzenofuran
Concen: 45.915 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

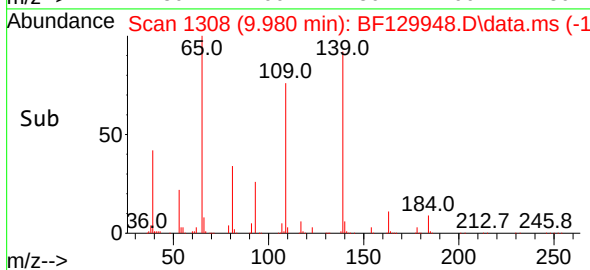
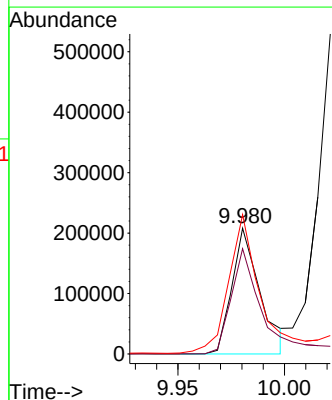
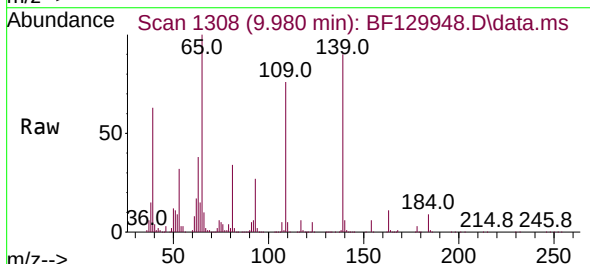
Instrument :
BNA_F
ClientSampleId :
PB147059BS

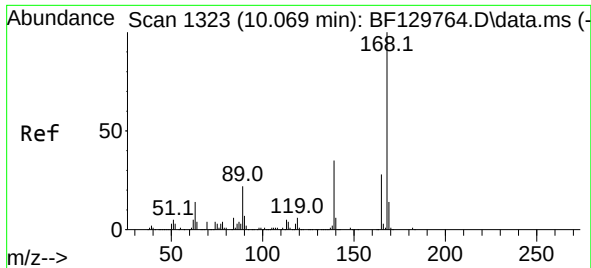
Tgt Ion:168 Resp: 1073016
Ion Ratio Lower Upper
168 100
139 44.4 31.3 46.9
169 13.8 10.7 16.1



#56
4-Nitrophenol
Concen: 88.662 ng
RT: 9.980 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:139 Resp: 190802
Ion Ratio Lower Upper
139 100
109 83.8 52.9 92.9
65 110.9 79.5 119.5

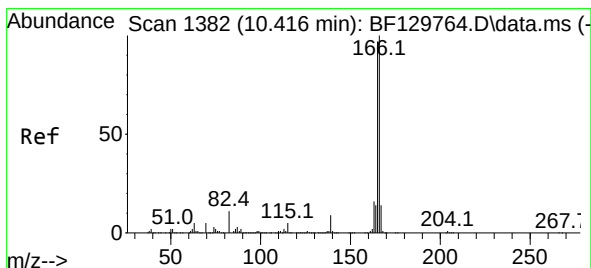
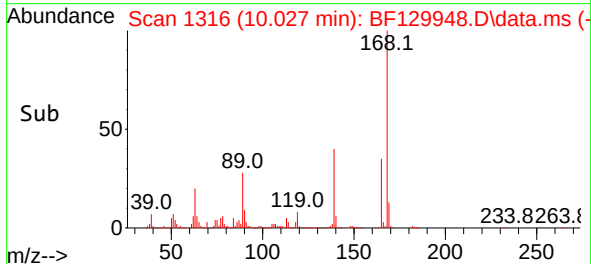
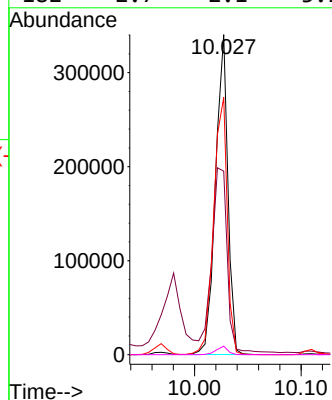
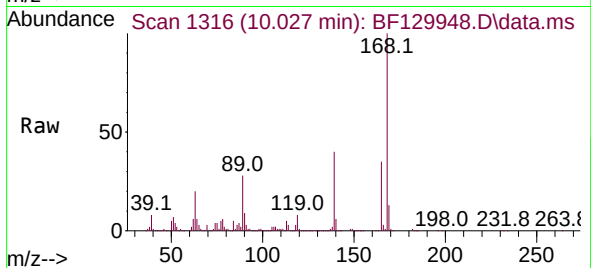




#57
2,4-Dinitrotoluene
Concen: 48.361 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

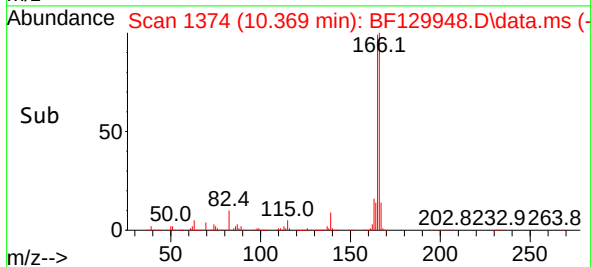
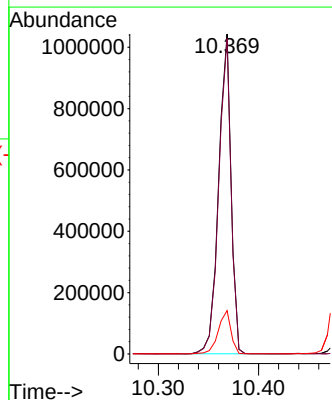
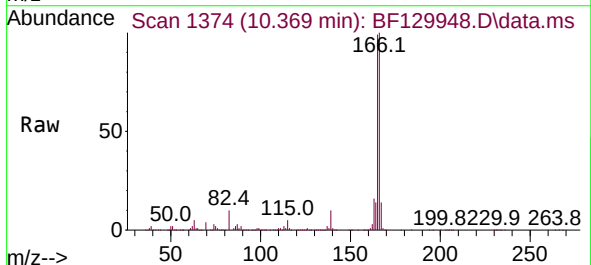
Instrument :
BNA_F
ClientSampleId :
PB147059BS

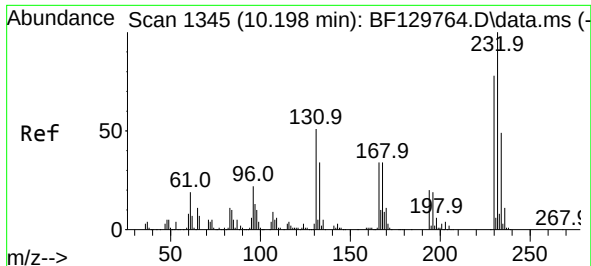
Tgt Ion:165 Resp: 274603
Ion Ratio Lower Upper
165 100
63 57.4 48.4 72.6
89 80.4 62.3 93.5
182 2.7 2.1 3.1



#58
Fluorene
Concen: 45.780 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:166 Resp: 893306
Ion Ratio Lower Upper
166 100
165 98.6 77.9 116.9
167 13.6 11.0 16.4

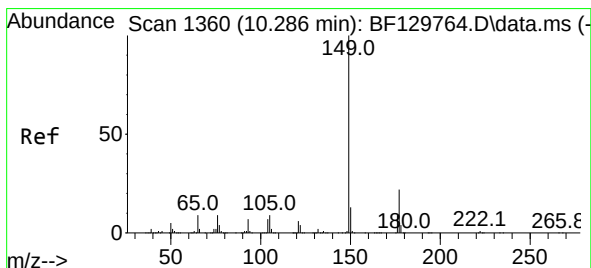
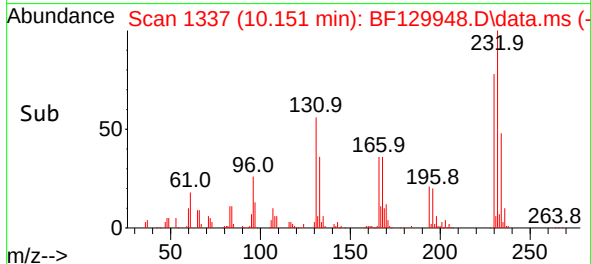
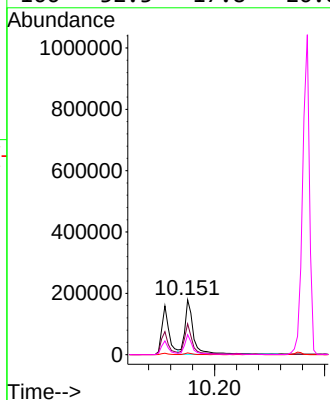
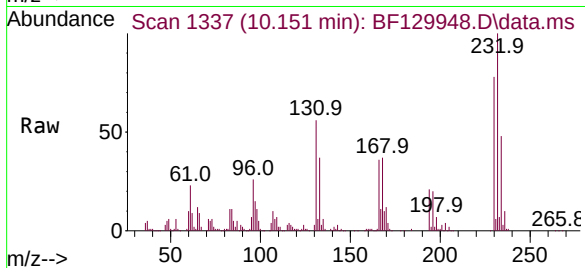




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.774 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

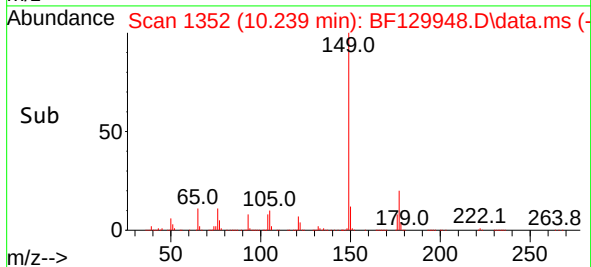
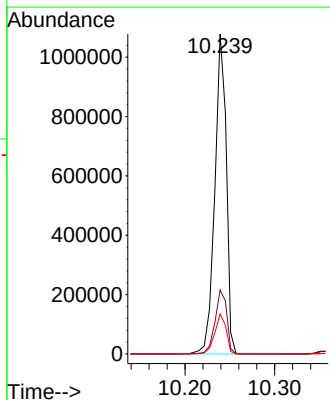
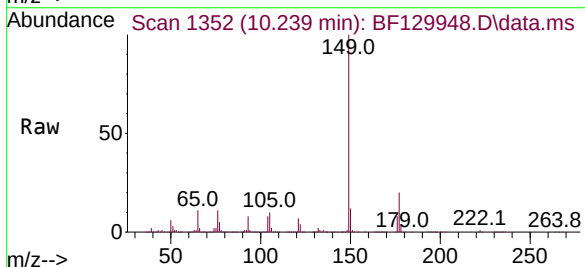
Instrument :
BNA_F
ClientSampleId :
PB147059BS

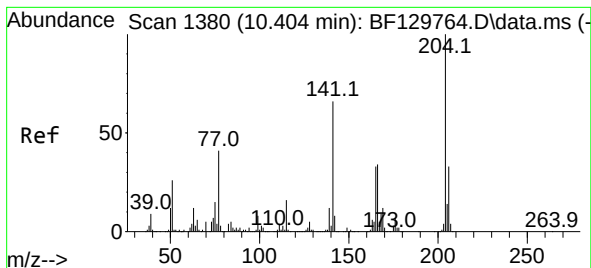
Tgt Ion:232 Resp: 191733
Ion Ratio Lower Upper
232 100
131 49.5 29.9 44.9#
130 2.8 1.5 2.3#
166 32.3 17.8 26.8#



#60
Diethylphthalate
Concen: 47.532 ng
RT: 10.239 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:149 Resp: 955671
Ion Ratio Lower Upper
149 100
177 20.0 17.7 26.5
150 12.5 10.1 15.1

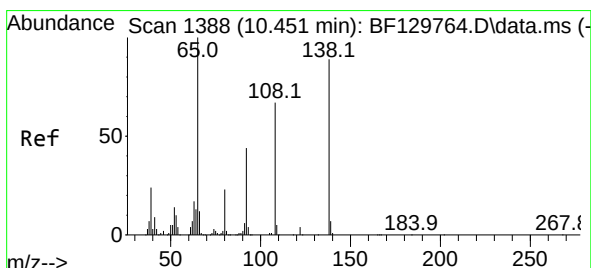
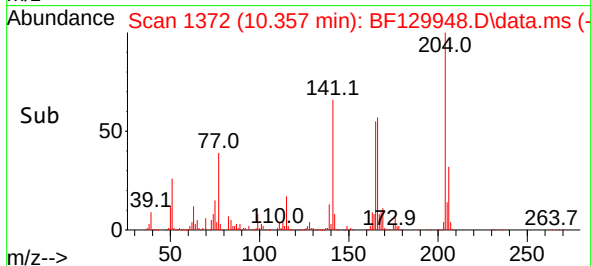
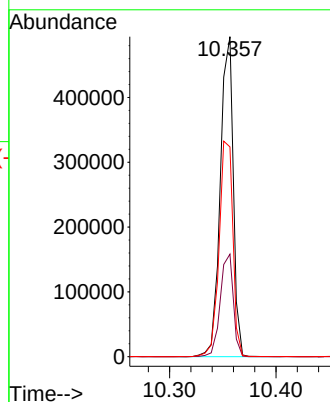
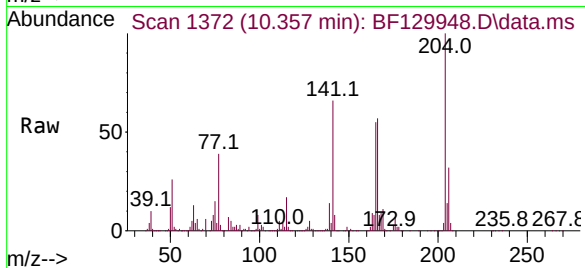




#61
4-Chlorophenyl-phenylether
Concen: 47.634 ng
RT: 10.357 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

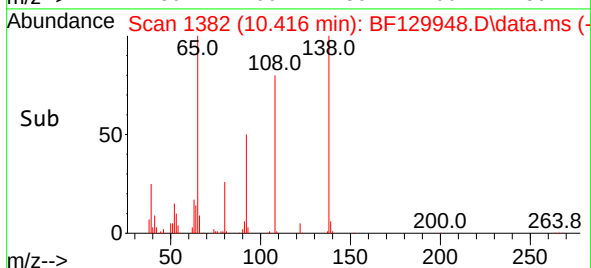
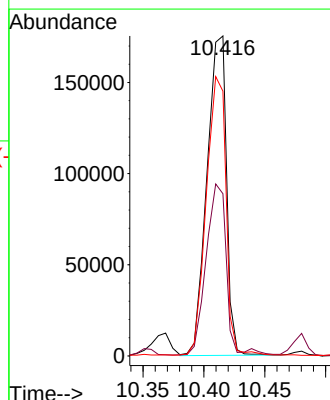
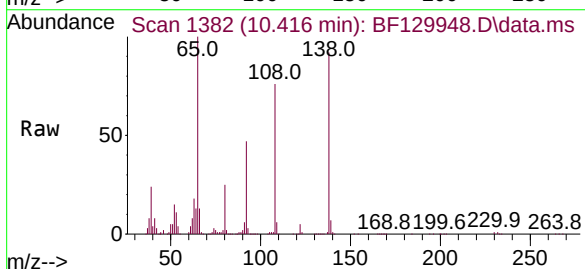
Instrument :
BNA_F
ClientSampleId :
PB147059BS

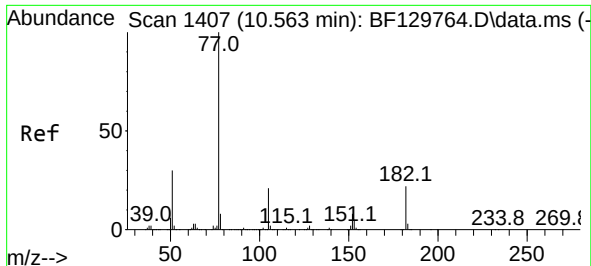
Tgt Ion:204 Resp: 417118
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 65.6 52.6 79.0



#62
4-Nitroaniline
Concen: 40.054 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.012 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:138 Resp: 195466
Ion Ratio Lower Upper
138 100
92 50.7 30.3 70.3
108 82.7 55.7 95.7

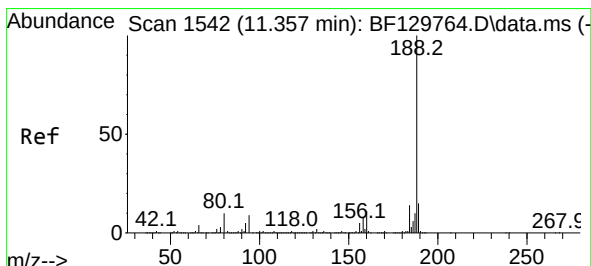
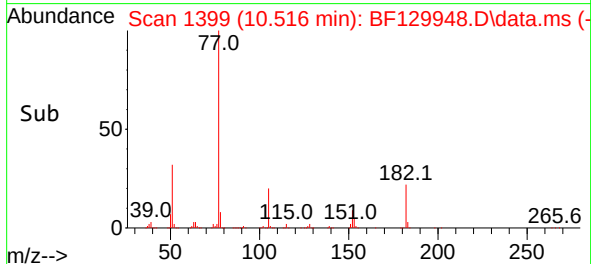
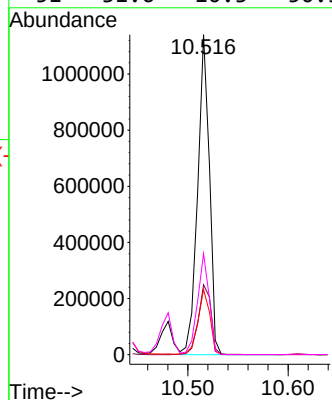
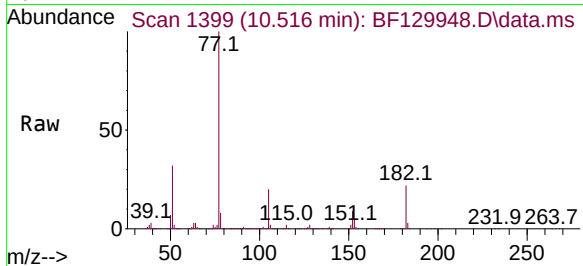




#63
Azobenzene
Concen: 48.145 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

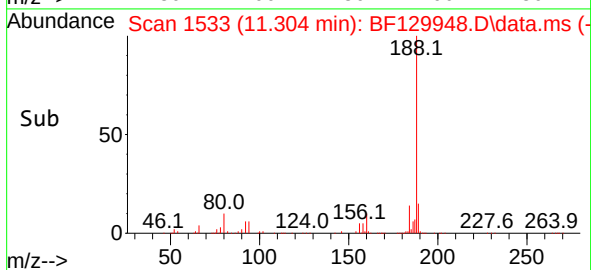
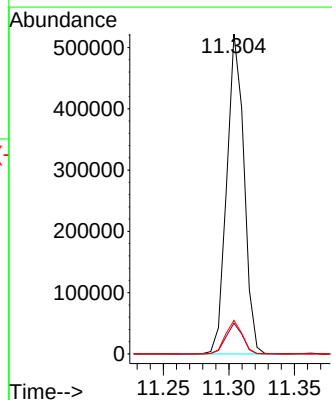
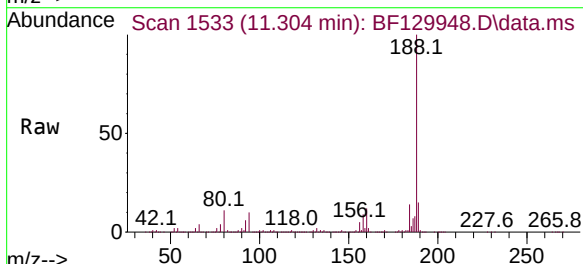
Instrument :
BNA_F
ClientSampleId :
PB147059BS

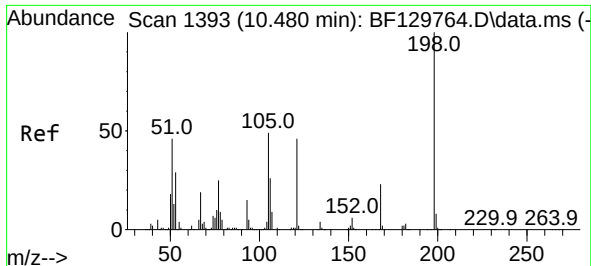
Tgt Ion: 77	Resp: 925268
Ion Ratio	Lower Upper
77 100	
182 21.9	2.2 42.2
105 20.4	0.8 40.8
51 31.6	10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion: 188	Resp: 477110
Ion Ratio	Lower Upper
188 100	
94 9.6	7.4 11.2
80 10.5	7.9 11.9

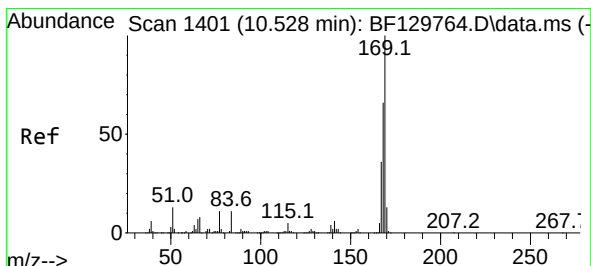
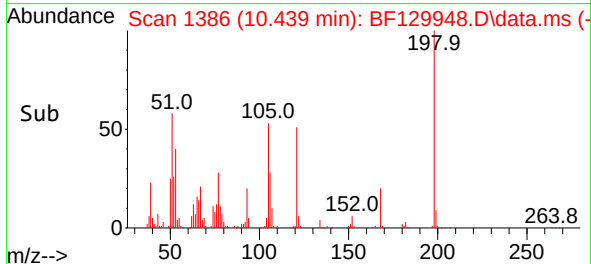
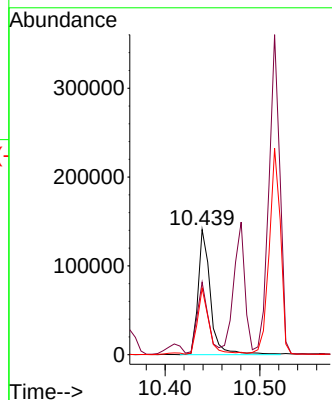
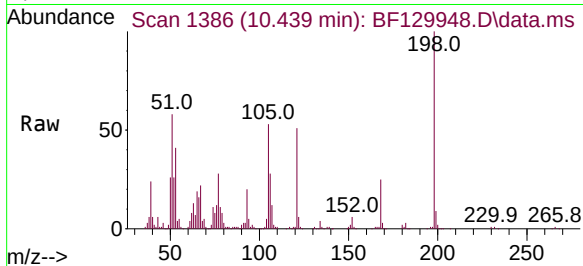




#65
4,6-Dinitro-2-methylphenol
Concen: 45.573 ng
RT: 10.439 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

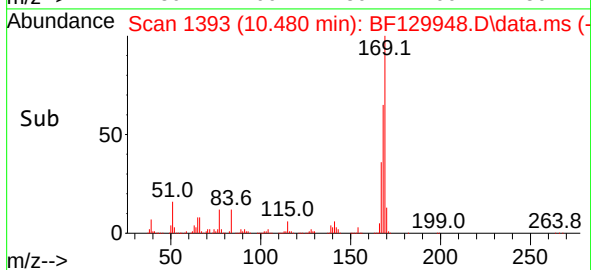
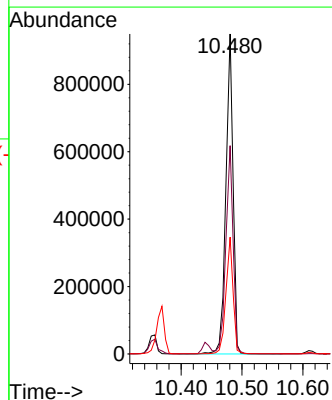
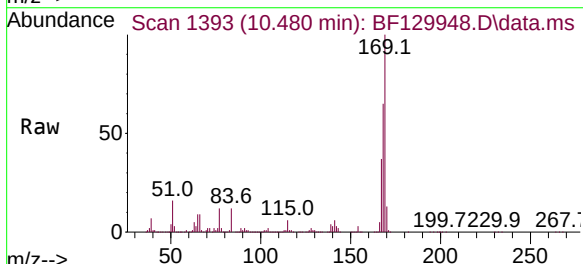
Instrument :
BNA_F
ClientSampleId :
PB147059BS

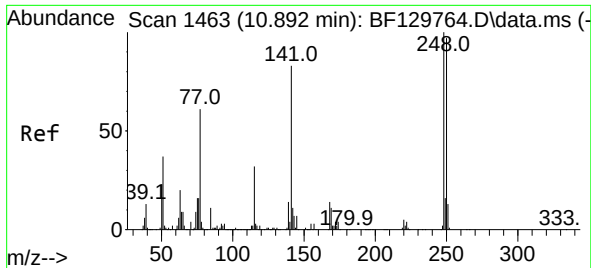
Tgt Ion:198 Resp: 127645
Ion Ratio Lower Upper
198 100
51 58.0 29.4 69.4
105 53.0 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 48.237 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:169 Resp: 776777
Ion Ratio Lower Upper
169 100
168 65.1 53.4 80.2
167 36.5 29.1 43.7

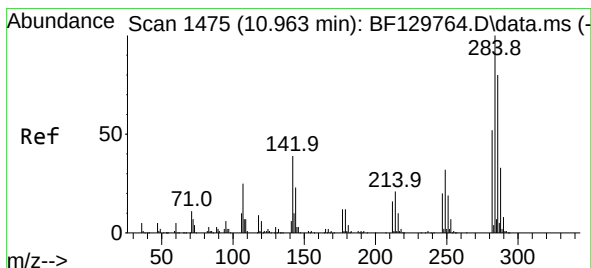
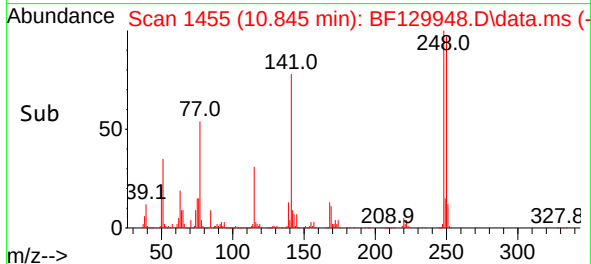
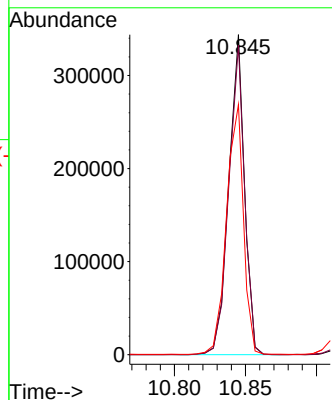
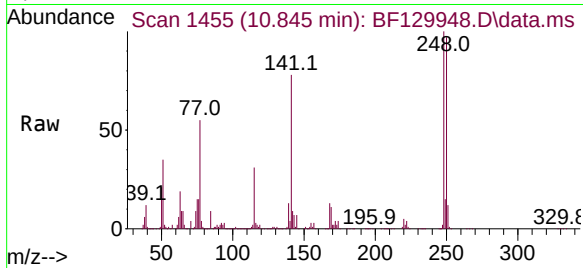




#67
4-Bromophenyl-phenylether
Concen: 47.504 ng
RT: 10.845 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

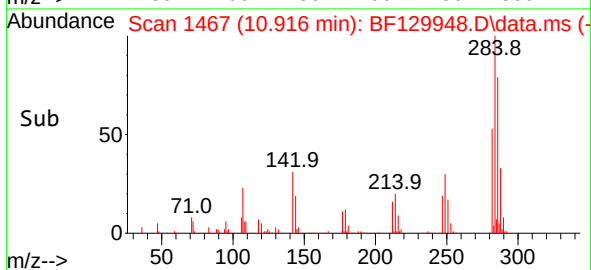
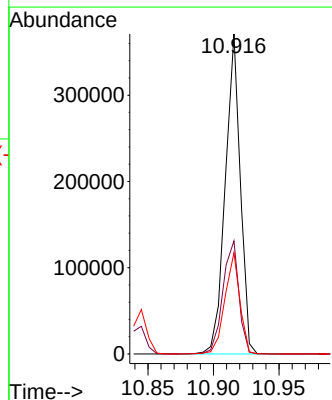
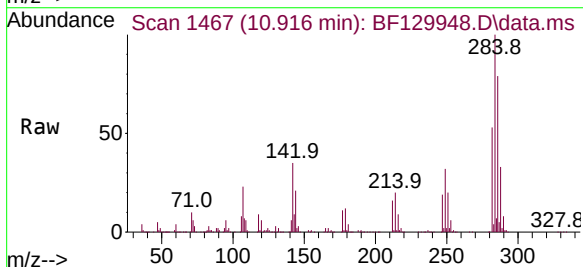
Instrument :
BNA_F
ClientSampleId :
PB147059BS

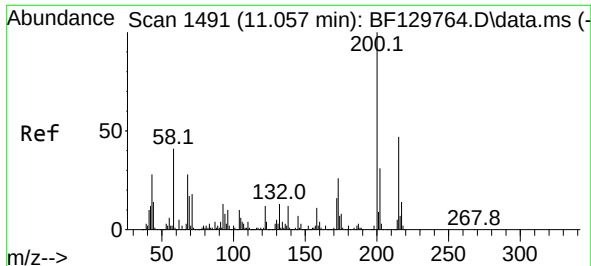
Tgt Ion:248 Resp: 265461
Ion Ratio Lower Upper
248 100
250 96.6 77.8 116.6
141 78.1 66.2 99.2



#68
Hexachlorobenzene
Concen: 48.747 ng
RT: 10.916 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:284 Resp: 295083
Ion Ratio Lower Upper
284 100
142 35.4 31.4 47.0
249 31.6 25.7 38.5

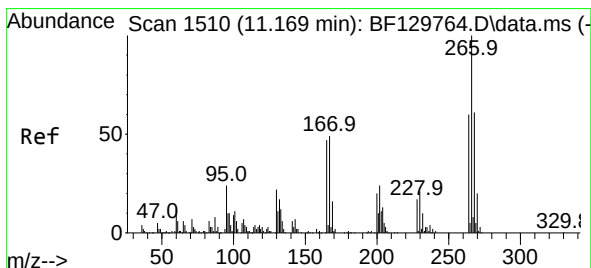
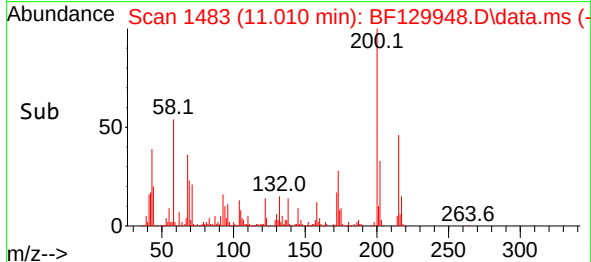
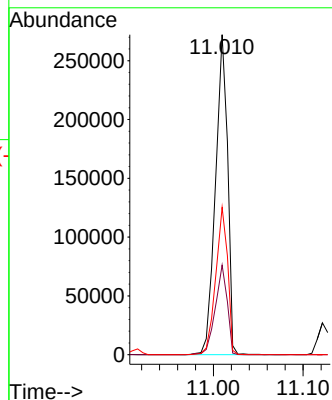
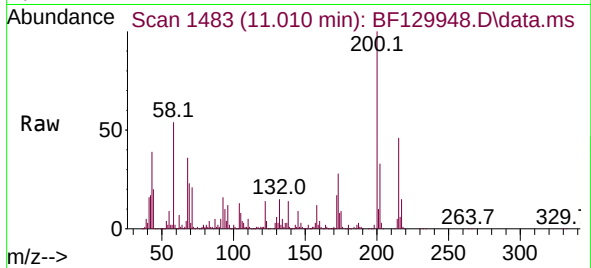




#69
Atrazine
Concen: 51.694 ng
RT: 11.010 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

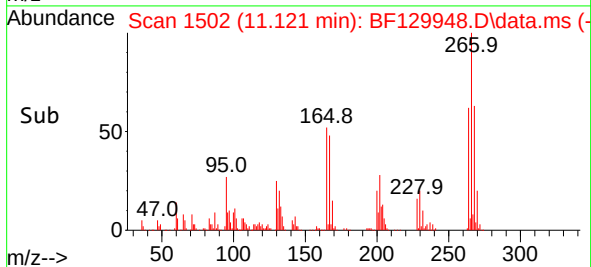
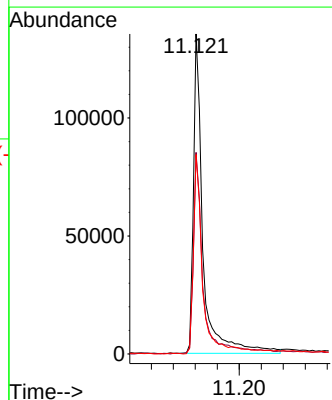
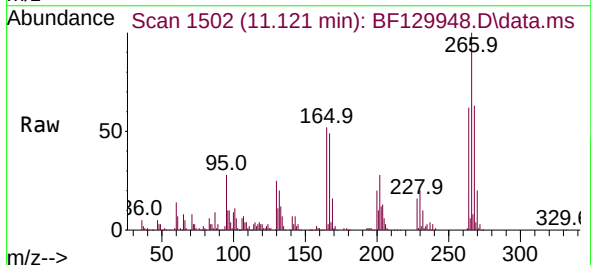
Instrument :
BNA_F
ClientSampleId :
PB147059BS

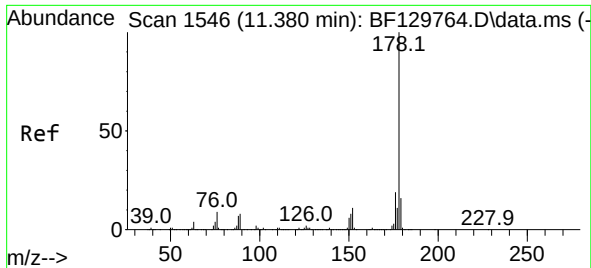
Tgt Ion:200 Resp: 255502
Ion Ratio Lower Upper
200 100
173 28.0 6.4 46.4
215 46.0 27.1 67.1



#70
Pentachlorophenol
Concen: 88.935 ng
RT: 11.121 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:266 Resp: 162496
Ion Ratio Lower Upper
266 100
268 63.0 49.0 73.4
264 62.3 47.9 71.9

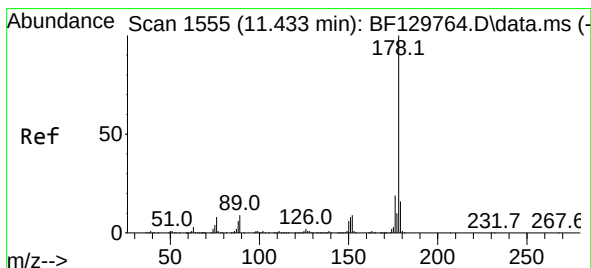
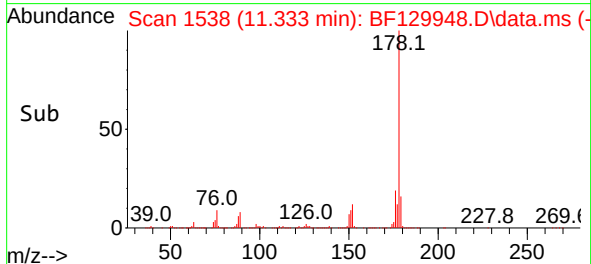
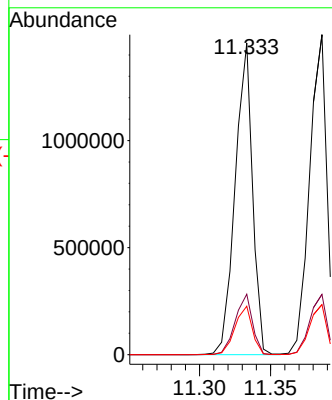
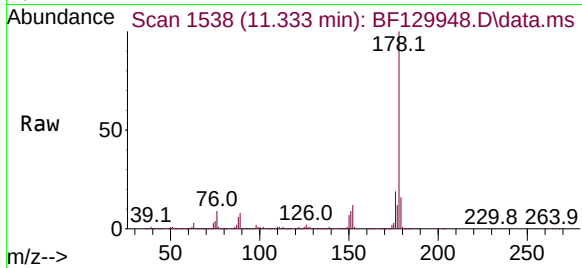




#71
Phenanthrene
Concen: 46.426 ng
RT: 11.333 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

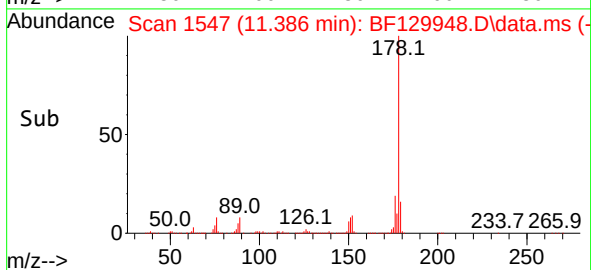
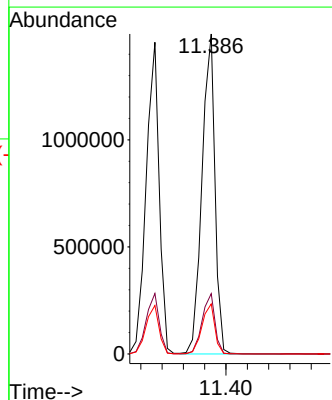
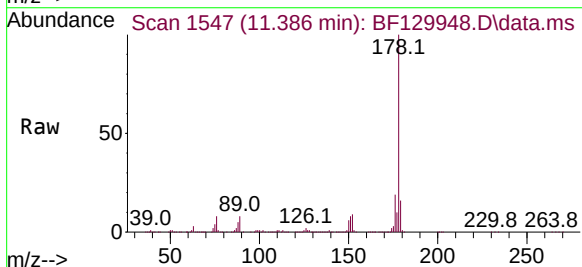
Instrument :
BNA_F
ClientSampleId :
PB147059BS

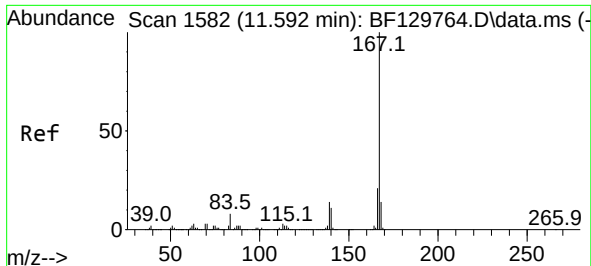
Tgt Ion:178 Resp: 1237096
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 47.833 ng
RT: 11.386 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:178 Resp: 1267518
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.7 12.6 18.8

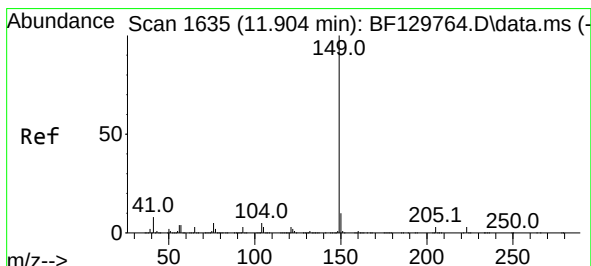
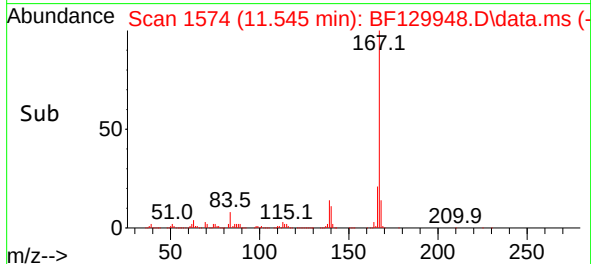
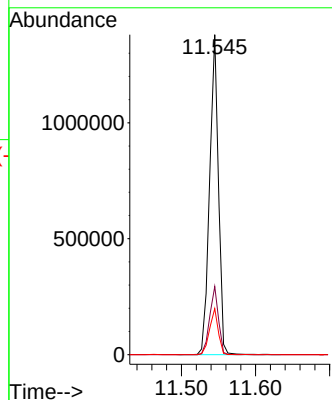
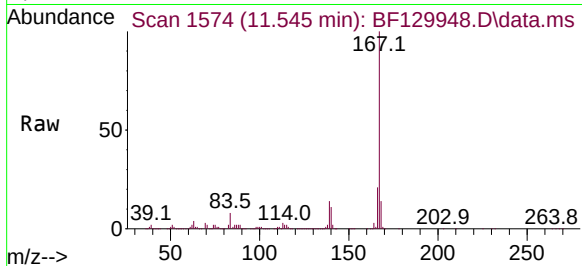




#73
Carbazole
Concen: 47.518 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

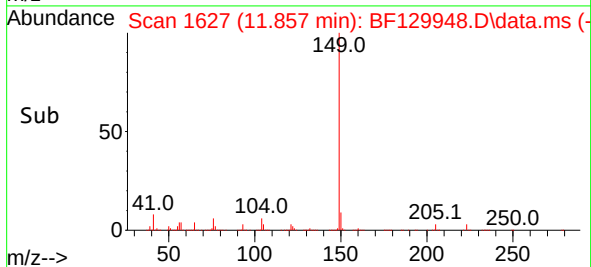
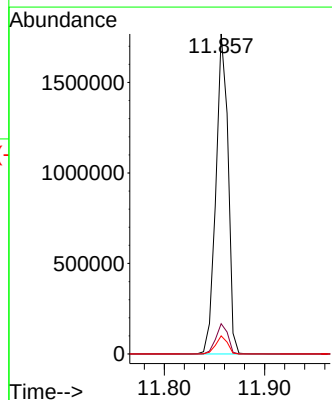
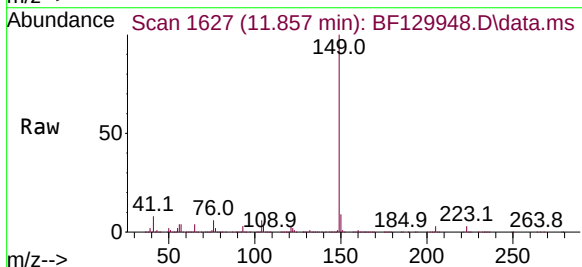
Instrument :
BNA_F
ClientSampleId :
PB147059BS

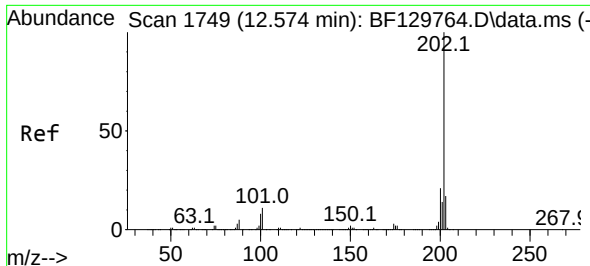
Tgt Ion:167 Resp: 1143020
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 14.4 11.0 16.6



#74
Di-n-butylphthalate
Concen: 48.112 ng
RT: 11.857 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:149 Resp: 1489456
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.6 4.2 6.4

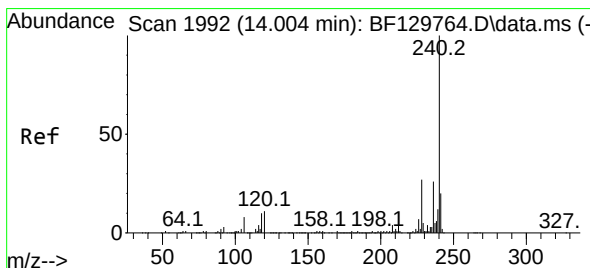
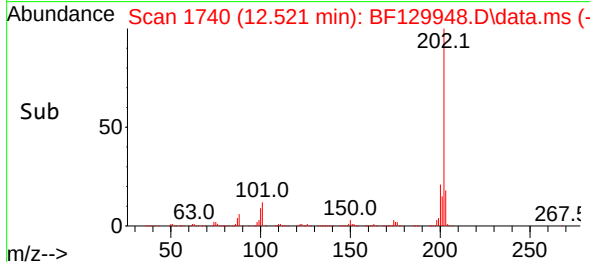
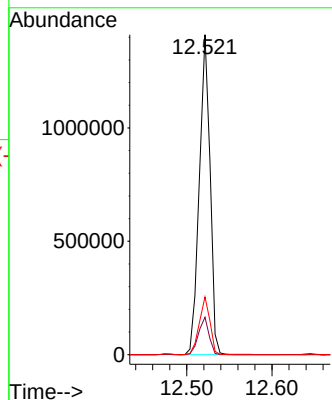
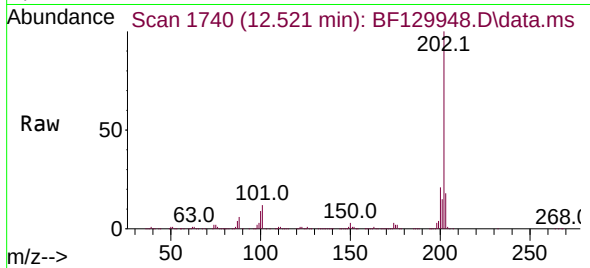




#75
Fluoranthene
Concen: 45.422 ng
RT: 12.521 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

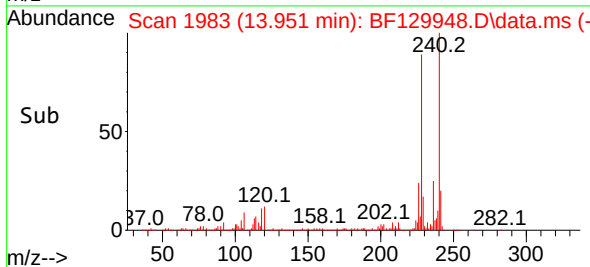
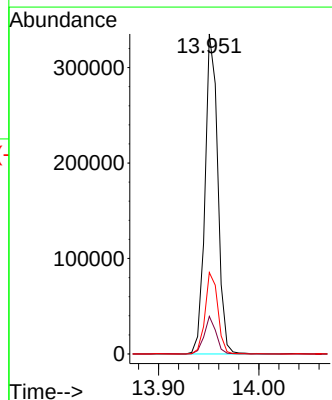
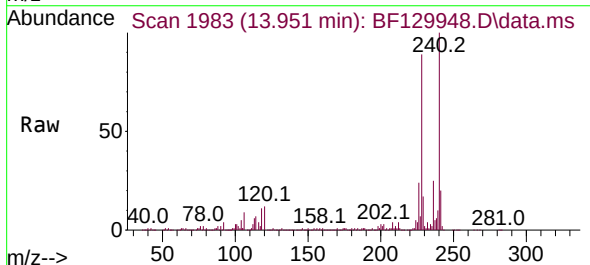
Instrument :
BNA_F
ClientSampleId :
PB147059BS

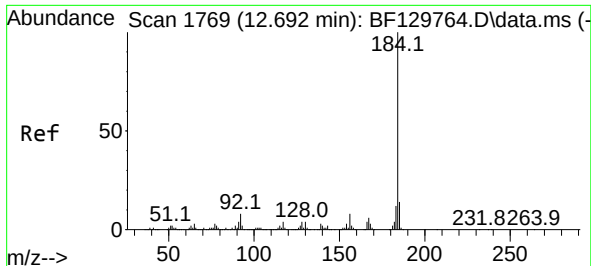
Tgt Ion:202 Resp: 1238527
Ion Ratio Lower Upper
202 100
101 11.7 0.0 30.7
203 18.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:240 Resp: 297189
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 25.4 20.7 31.1

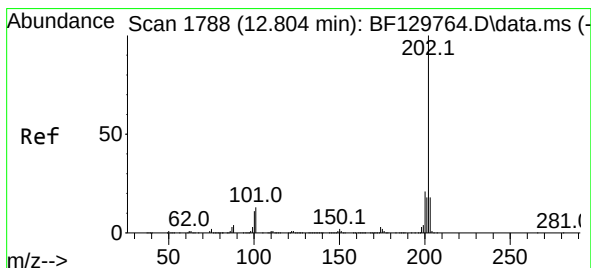
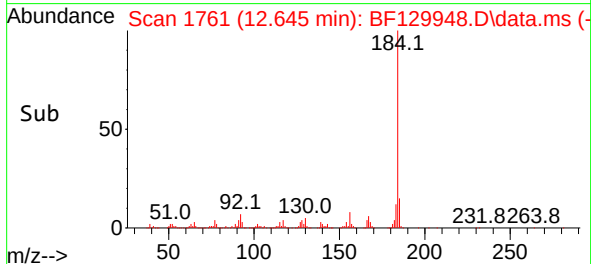
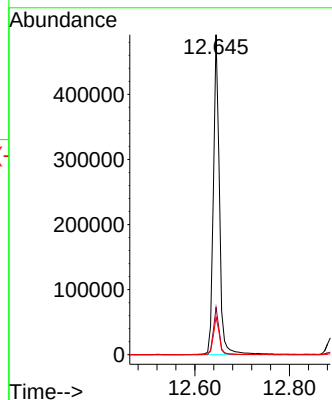
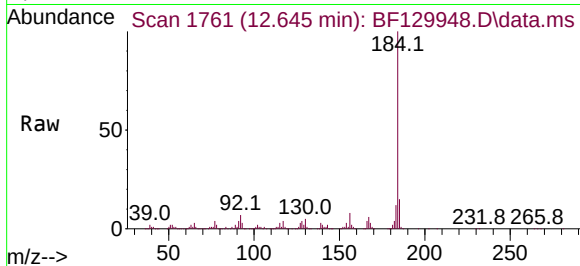




#77
Benzidine
Concen: 63.422 ng
RT: 12.645 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

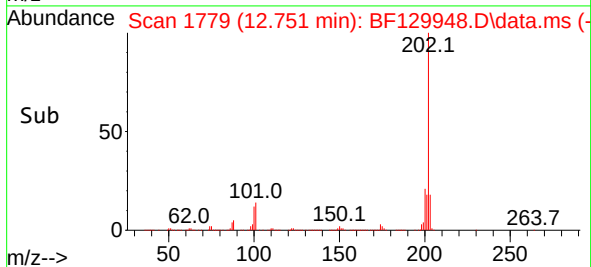
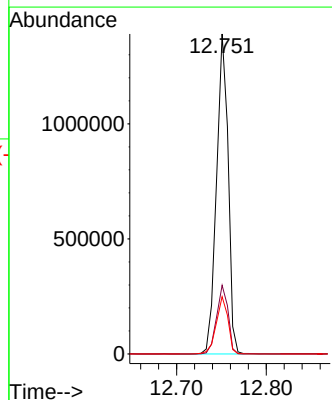
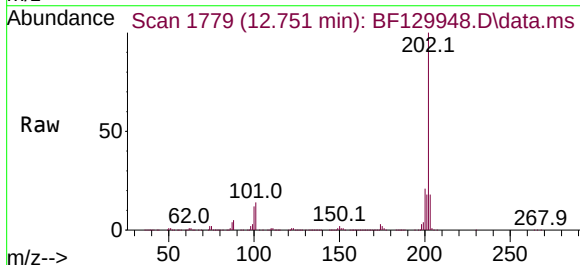
Instrument :
BNA_F
ClientSampleId :
PB147059BS

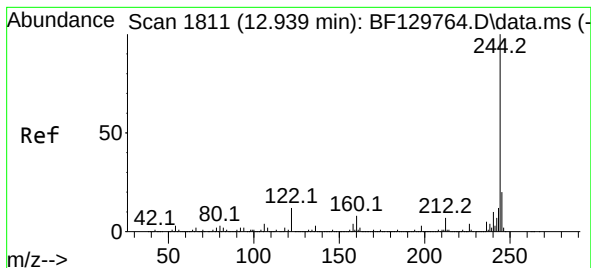
Tgt Ion:184 Resp: 436753
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.2
183 11.7 9.4 14.2



#78
Pyrene
Concen: 48.365 ng
RT: 12.751 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:202 Resp: 1249048
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 103.502 ng

RT: 12.892 min Scan# 1803

Delta R.T. 0.006 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB147059BS

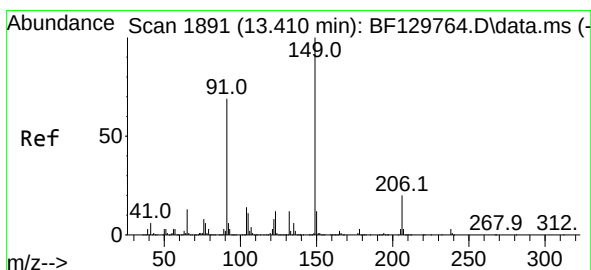
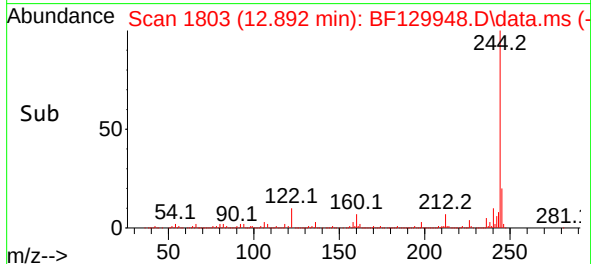
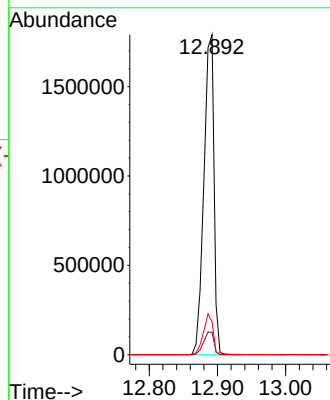
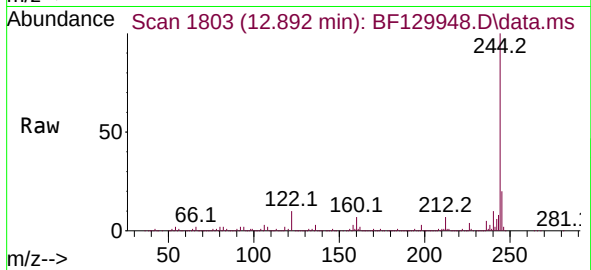
Tgt Ion:244 Resp: 1848604

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.3 9.9 14.9



#80

Butylbenzylphthalate

Concen: 48.957 ng

RT: 13.357 min Scan# 1882

Delta R.T. -0.000 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

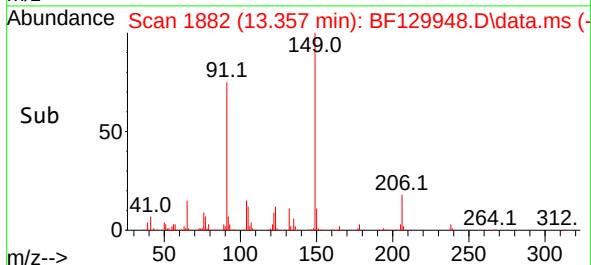
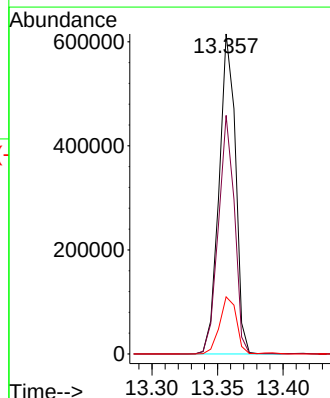
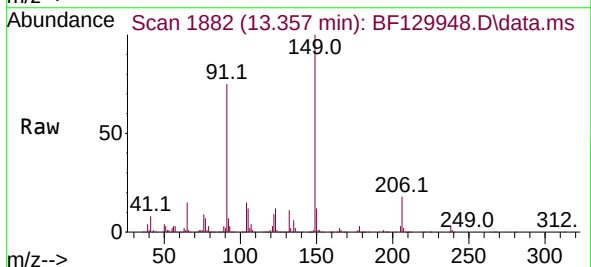
Tgt Ion:149 Resp: 534997

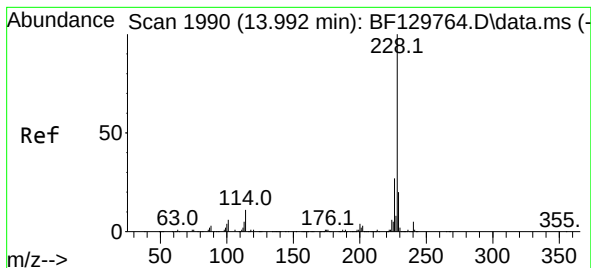
Ion Ratio Lower Upper

149 100

91 74.5 55.4 83.0

206 17.8 15.8 23.6





#81

Benzo(a)anthracene

Concen: 46.282 ng

RT: 13.939 min Scan# 1990

Delta R.T. -0.000 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB147059BS

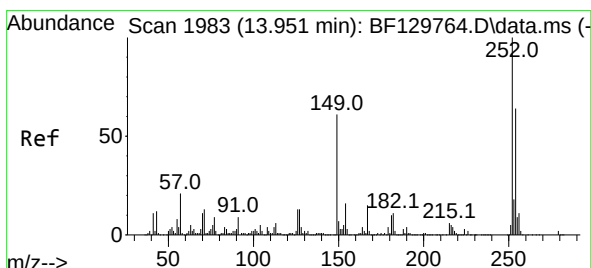
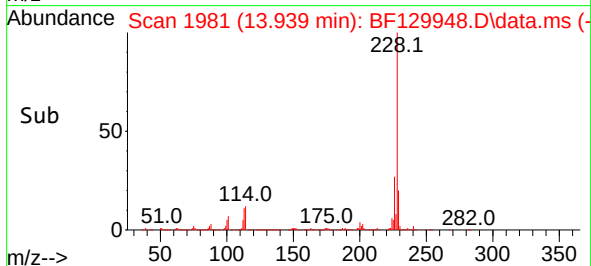
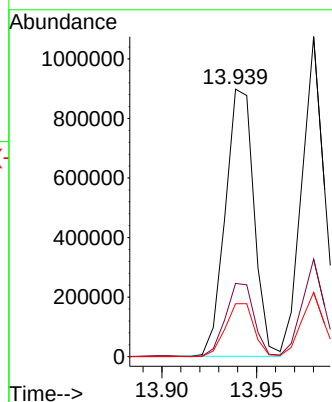
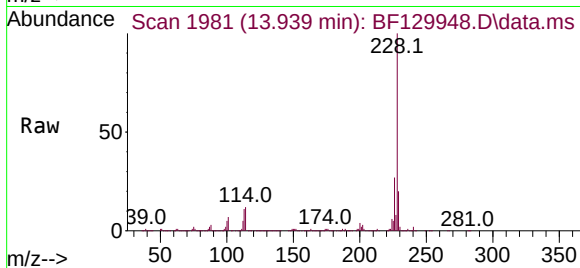
Tgt Ion:228 Resp: 946183

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.0

229 19.8 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 28.801 ng

RT: 13.904 min Scan# 1975

Delta R.T. 0.006 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

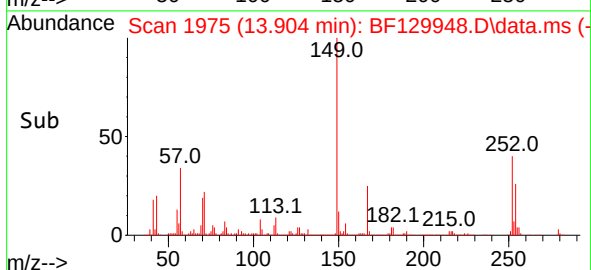
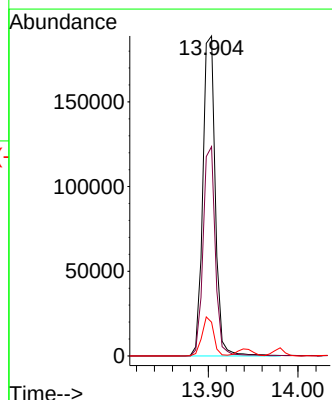
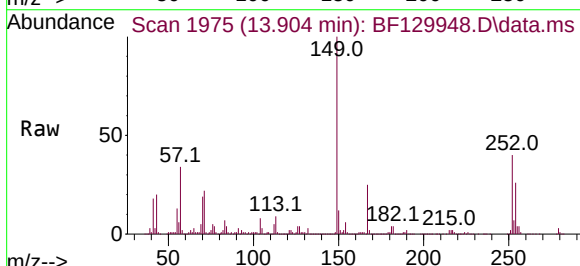
Tgt Ion:252 Resp: 182356

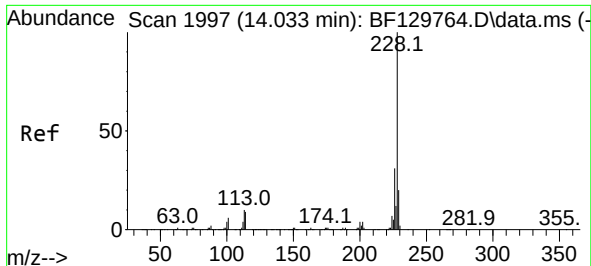
Ion Ratio Lower Upper

252 100

254 65.4 51.4 77.2

126 10.6 10.2 15.4

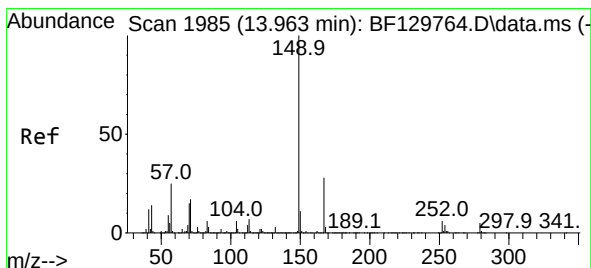
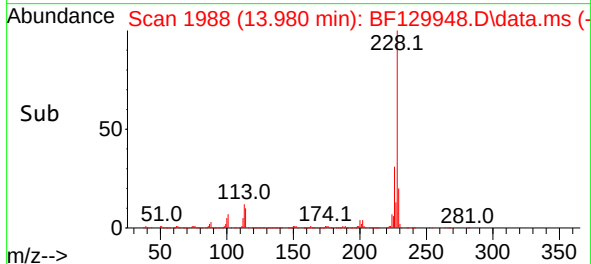
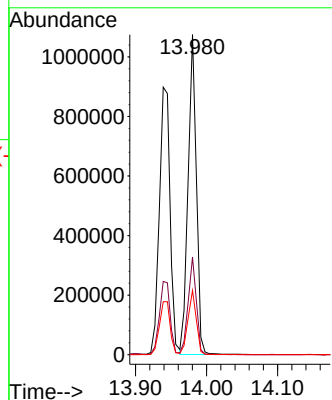
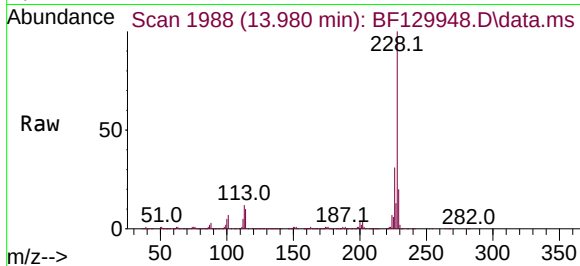




#83
Chrysene
Concen: 45.720 ng
RT: 13.980 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

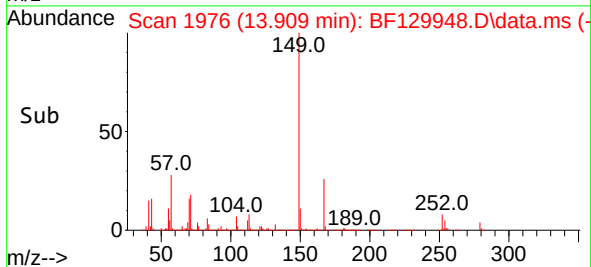
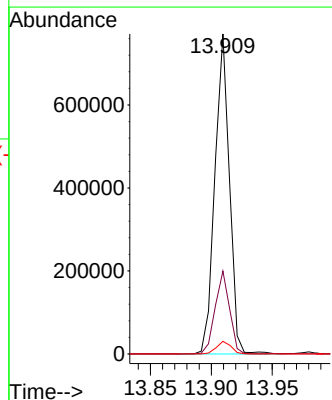
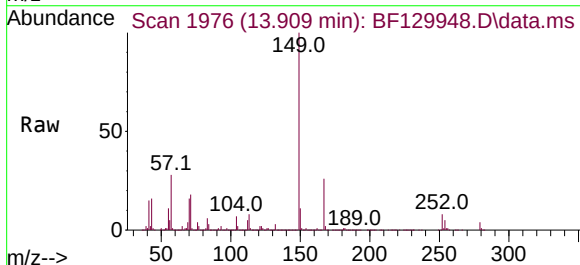
Instrument :
BNA_F
ClientSampleId :
PB147059BS

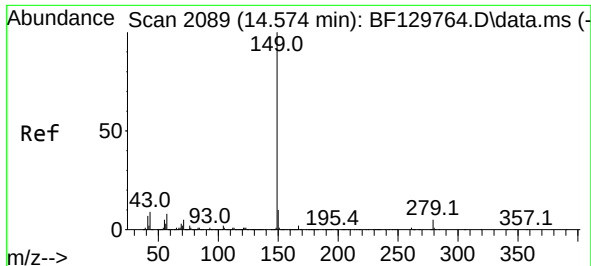
Tgt Ion:228 Resp: 874951
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 20.1 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.243 ng
RT: 13.909 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:149 Resp: 638434
Ion Ratio Lower Upper
149 100
167 25.9 22.0 33.0
279 4.0 3.6 5.4

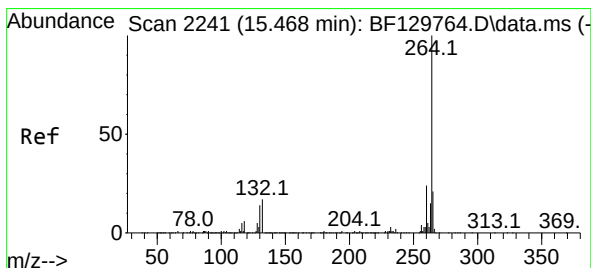
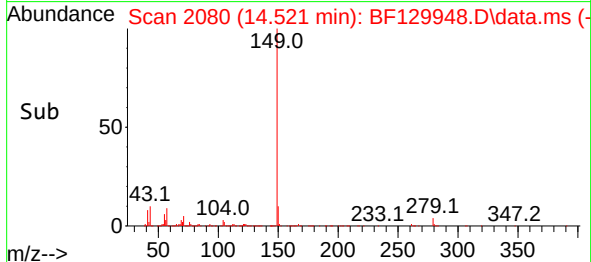
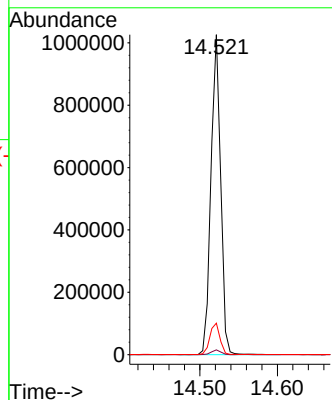
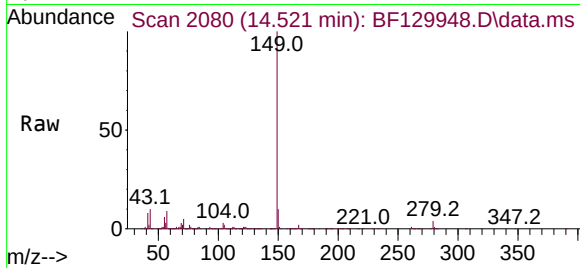




#85
Di-n-octyl phthalate
Concen: 49.711 ng
RT: 14.521 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

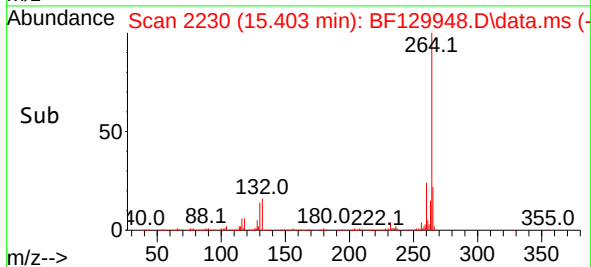
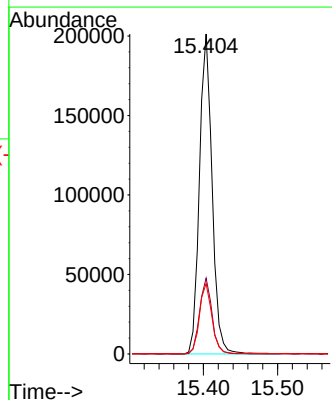
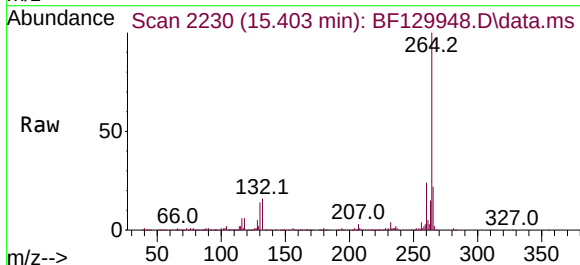
Instrument :
BNA_F
ClientSampleId :
PB147059BS

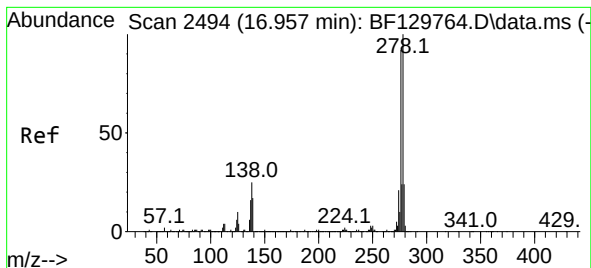
Tgt Ion:149 Resp: 889689
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.2 7.8 11.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.403 min Scan# 2230
Delta R.T. 0.006 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:264 Resp: 238125
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 22.0 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.277 ng

RT: 16.862 min Scan# 2494

Delta R.T. 0.006 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB147059BS

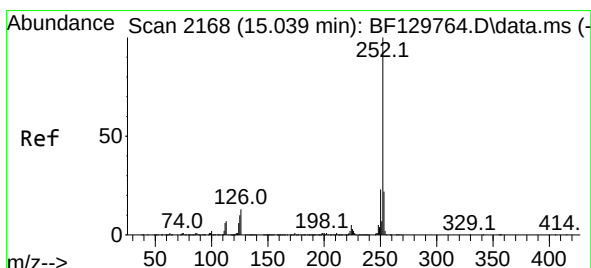
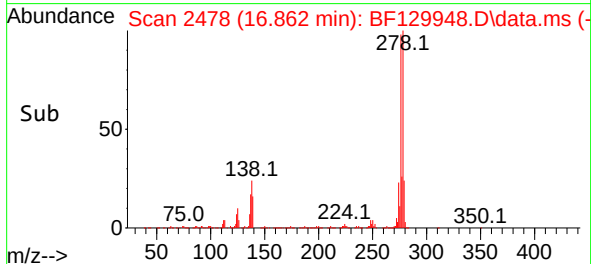
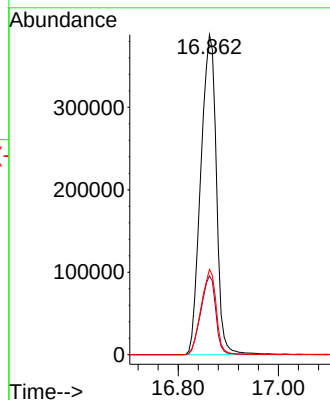
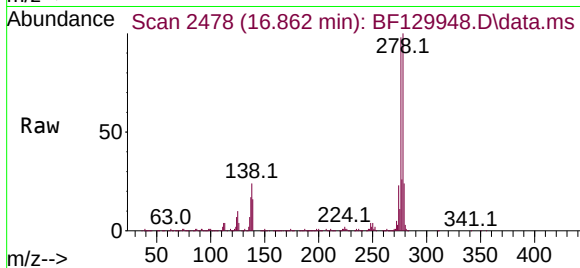
Tgt Ion:276 Resp: 838259

Ion Ratio Lower Upper

276 100

138 23.5 19.8 29.8

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 48.901 ng

RT: 14.980 min Scan# 2158

Delta R.T. -0.000 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

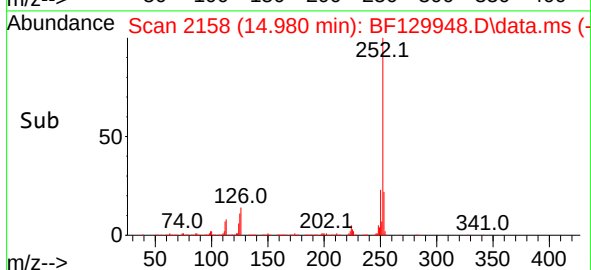
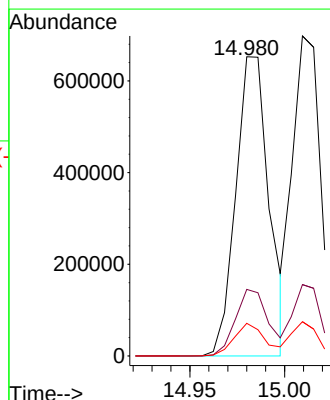
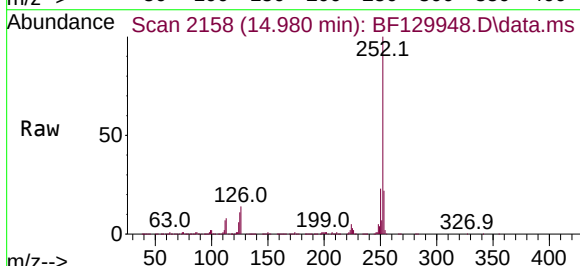
Tgt Ion:252 Resp: 797372

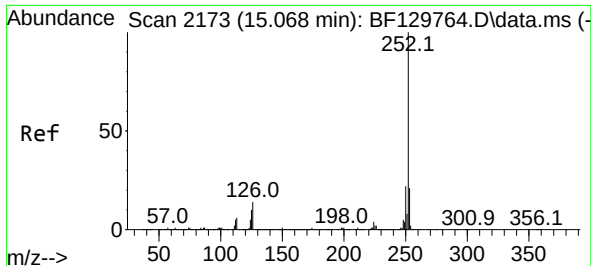
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.9 8.3 12.5

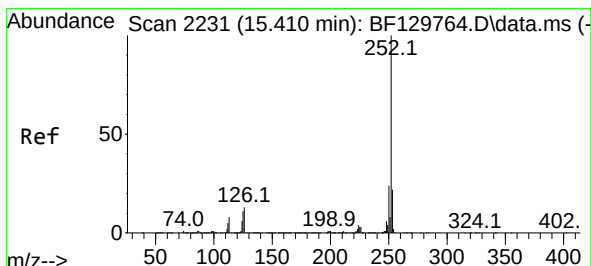
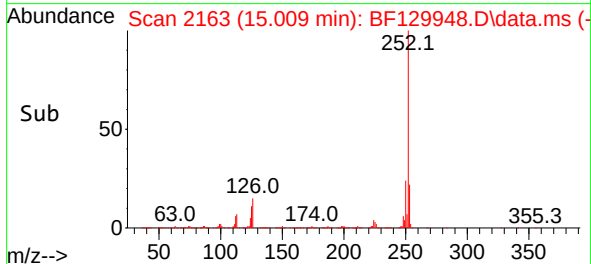
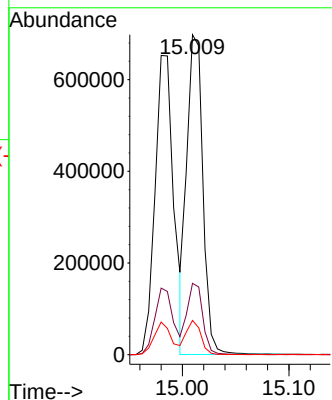
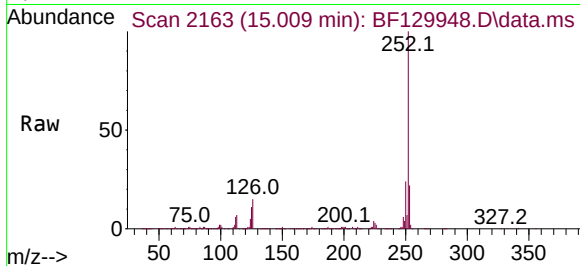




#89
Benzo(k)fluoranthene
Concen: 46.706 ng
RT: 15.009 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

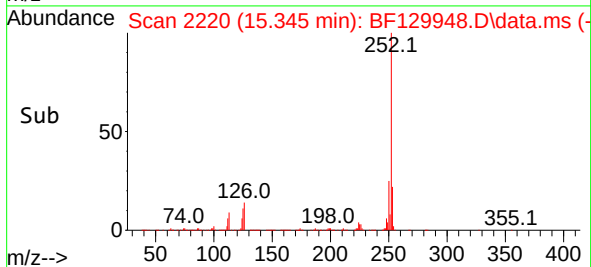
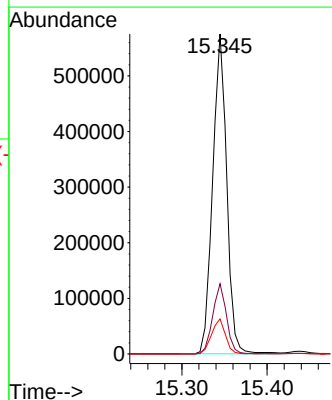
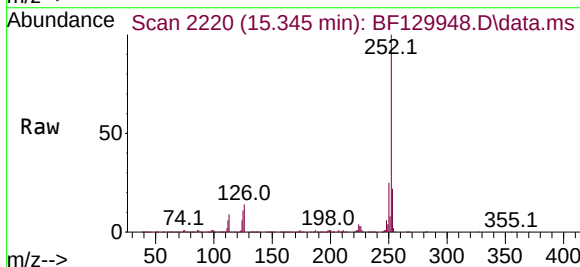
Instrument :
BNA_F
ClientSampleId :
PB147059BS

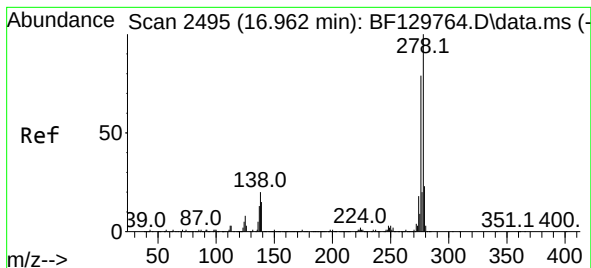
Tgt Ion:252 Resp: 730352
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 10.7 8.3 12.5



#90
Benzo(a)pyrene
Concen: 51.269 ng
RT: 15.345 min Scan# 2220
Delta R.T. 0.006 min
Lab File: BF129948.D
Acq: 23 Aug 2022 11:54

Tgt Ion:252 Resp: 658327
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 11.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 53.819 ng

RT: 16.868 min Scan# 2495

Delta R.T. 0.012 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB147059BS

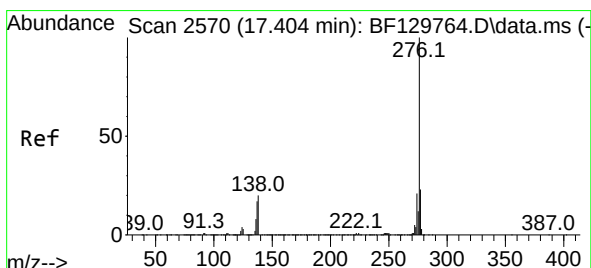
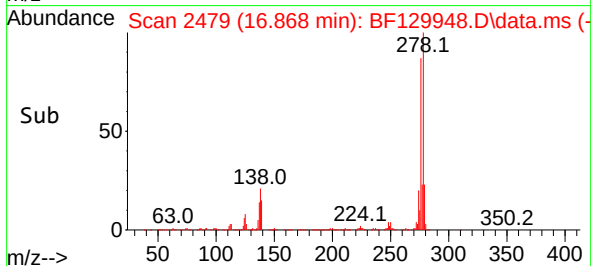
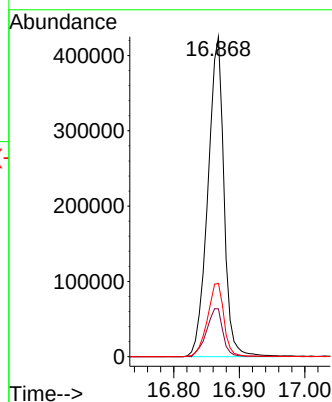
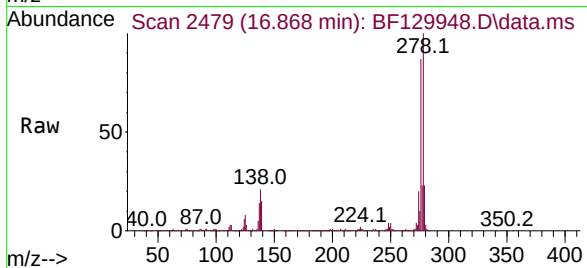
Tgt Ion:278 Resp: 725941

Ion Ratio Lower Upper

278 100

139 14.9 12.2 18.4

279 22.9 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 54.656 ng

RT: 17.297 min Scan# 2552

Delta R.T. 0.006 min

Lab File: BF129948.D

Acq: 23 Aug 2022 11:54

Tgt Ion:276 Resp: 735510

Ion Ratio Lower Upper

276 100

277 24.3 18.2 27.4

138 21.6 15.8 23.8

