

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129861.D
 Acq On : 18 Aug 2022 00:26
 Operator : CG\JU
 Sample : N4189-17MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB14MSD

Quant Time: Aug 18 05:40:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 05:28:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	137932	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	544329	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	270839	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	440649	20.000	ng	0.00
76) Chrysene-d12	13.986	240	225641	20.000	ng	0.00
86) Perylene-d12	15.451	264	242404	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1005339	120.678	ng	0.00
7) Phenol-d6	6.475	99	1258220	120.607	ng	0.00
23) Nitrobenzene-d5	7.387	82	815846	80.234	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	310788	114.333	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1463496	82.070	ng	0.00
79) Terphenyl-d14	12.921	244	1230397	90.733	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	150567	43.808	ng	100
3) Pyridine	3.399	79	371955	41.354	ng	98
4) n-Nitrosodimethylamine	3.351	42	213537	51.516	ng	96
6) Aniline	6.481	93	430979	36.246	ng	94
8) 2-Chlorophenol	6.610	128	453028	48.849	ng	99
9) Benzaldehyde	6.369	77	279201	51.990	ng	98
10) Phenol	6.487	94	544716	47.600	ng	80
11) bis(2-Chloroethyl)ether	6.551	93	424651	48.867	ng	100
12) 1,3-Dichlorobenzene	6.751	146	477718	47.714	ng	98
13) 1,4-Dichlorobenzene	6.828	146	480643	46.983	ng	98
14) 1,2-Dichlorobenzene	6.981	146	456588	48.056	ng	99
15) Benzyl Alcohol	6.969	79	388938	49.384	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.087	45	559079	48.013	ng	92
17) 2-Methylphenol	7.087	107	358723	48.173	ng	99
18) Hexachloroethane	7.316	117	182390	47.477	ng	97
19) n-Nitroso-di-n-propyla...	7.234	70	313985	47.615	ng	94
20) 3+4-Methylphenols	7.239	107	465749	46.595	ng	97
22) Acetophenone	7.228	105	640066	48.253	ng	99
24) Nitrobenzene	7.404	77	478589	46.676	ng	99
25) Isophorone	7.639	82	849495	48.539	ng	99
26) 2-Nitrophenol	7.716	139	244353	48.450	ng	97
27) 2,4-Dimethylphenol	7.763	122	380711	52.636	ng	99
28) bis(2-Chloroethoxy)met...	7.845	93	519405	50.829	ng	99
29) 2,4-Dichlorophenol	7.969	162	370235	46.813	ng	99
30) 1,2,4-Trichlorobenzene	8.039	180	378313	45.342	ng	99
31) Naphthalene	8.116	128	1291613	45.382	ng	100
32) Benzoic acid	7.910	122	158416	48.571	ng	95
33) 4-Chloroaniline	8.175	127	306681	27.401	ng	98
34) Hexachlorobutadiene	8.228	225	229639	45.201	ng	99
35) Caprolactam	8.557	113	63135	25.670	ng	97
36) 4-Chloro-3-methylphenol	8.675	107	393604	46.132	ng	98
37) 2-Methylnaphthalene	8.810	142	840259	44.982	ng	99
38) 1-Methylnaphthalene	8.910	142	795069	43.796	ng	98
40) 1,2,4,5-Tetrachloroben...	8.975	216	372145	49.403	ng	99
41) Hexachlorocyclopentadiene	8.957	237	259020	95.073	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	229242	46.838	ng	98

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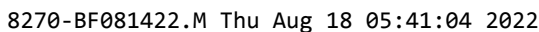
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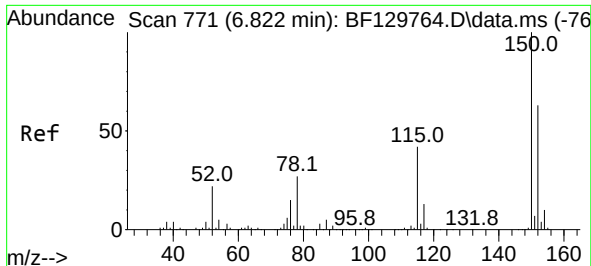
Quant Time: Aug 18 05:40:42 2022
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 QLast Update : Thu Aug 18 05:28:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	242013	45.961	ng	99
46) 1,1'-Biphenyl	9.275	154	1010228	49.099	ng	100
47) 2-Chloronaphthalene	9.298	162	782601	48.072	ng	97
48) 2-Nitroaniline	9.404	65	249392	48.475	ng	98
49) Acenaphthylene	9.716	152	1163614	47.135	ng	100
50) Dimethylphthalate	9.575	163	882558	45.456	ng	100
51) 2,6-Dinitrotoluene	9.645	165	198786	47.199	ng	98
52) Acenaphthene	9.886	154	699807	46.723	ng	99
53) 3-Nitroaniline	9.822	138	158754	34.085	ng	98
54) 2,4-Dinitrophenol	9.939	184	167896	87.613	ng	92
55) Dibenzofuran	10.057	168	1036527	46.064	ng	95
56) 4-Nitrophenol	10.010	139	194376	93.807	ng	99
57) 2,4-Dinitrotoluene	10.057	165	250168	45.757	ng	95
58) Fluorene	10.404	166	846204	45.039	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	164458	42.558	ng	# 78
60) Diethylphthalate	10.275	149	843544	43.573	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	385132	45.678	ng	98
62) 4-Nitroaniline	10.439	138	183722	39.100	ng	96
63) Azobenzene	10.551	77	822734	44.461	ng	98
65) 4,6-Dinitro-2-methylph...	10.469	198	120568	46.608	ng	96
66) n-Nitrosodiphenylamine	10.516	169	717991	48.275	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	240171	46.535	ng	97
68) Hexachlorobenzene	10.951	284	262651	46.980	ng	96
69) Atrazine	11.045	200	225211	49.336	ng	98
70) Pentachlorophenol	11.157	266	141828	84.331	ng	97
71) Phenanthrene	11.369	178	1125302	45.725	ng	100
72) Anthracene	11.422	178	1129005	46.132	ng	100
73) Carbazole	11.580	167	1010640	45.491	ng	100
74) Di-n-butylphthalate	11.892	149	1218619	42.620	ng	99
75) Fluoranthene	12.557	202	1040116	41.302	ng	98
77) Benzidine	12.680	184	94281	13.681	ng	99
78) Pyrene	12.786	202	991842	50.583	ng	100
80) Butylbenzylphthalate	13.392	149	389728	46.972	ng	95
81) Benzo(a)anthracene	13.980	228	713553	45.970	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	185793	38.648	ng	99
83) Chrysene	14.015	228	660871	45.484	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	472551	48.006	ng	98
85) Di-n-octyl phthalate	14.557	149	686345	50.509	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	885836	53.231	ng	100
88) Benzo(b)fluoranthene	15.027	252	701938	42.289	ng	99
89) Benzo(k)fluoranthene	15.057	252	688614	43.259	ng	99
90) Benzo(a)pyrene	15.392	252	640593	49.007	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	758480	55.238	ng	97
92) Benzo(g,h,i)perylene	17.380	276	791782	57.799	ng	97

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

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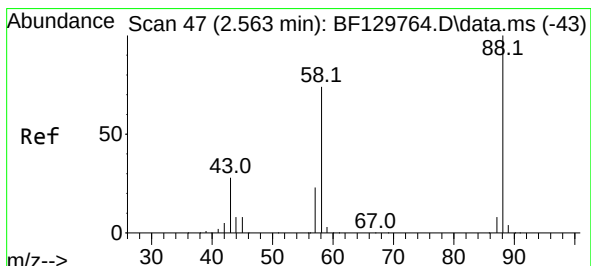
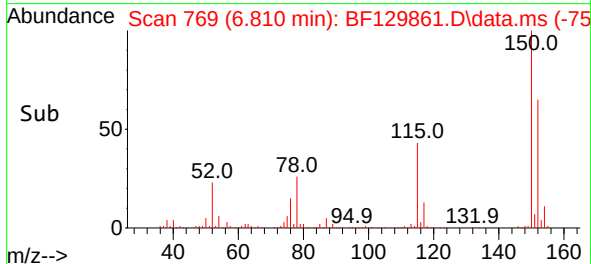
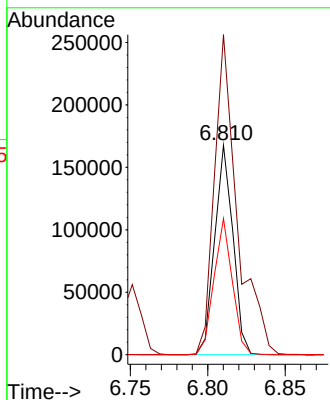
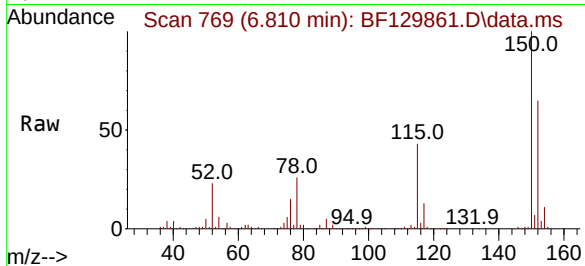




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF129861.D
 Acq: 18 Aug 2022 00:26

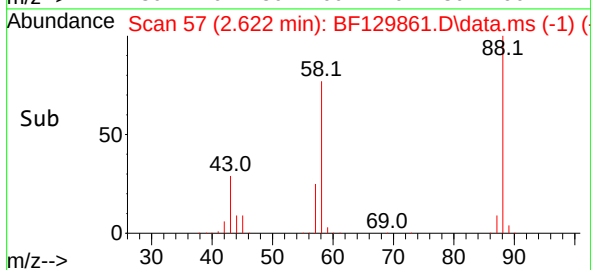
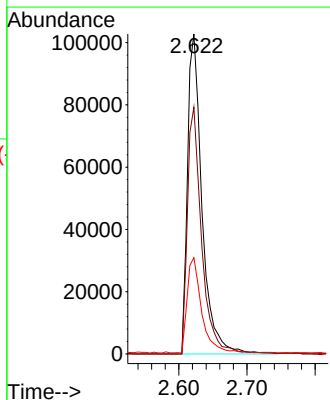
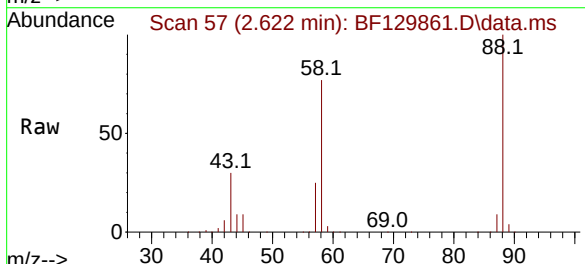
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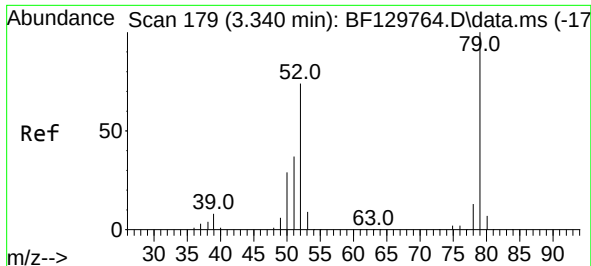
Tgt Ion:152 Resp: 137932
 Ion Ratio Lower Upper
 152 100
 150 152.8 126.9 190.3
 115 65.0 53.4 80.0



#2
 1,4-Dioxane
 Concen: 43.808 ng
 RT: 2.622 min Scan# 57
 Delta R.T. 0.094 min
 Lab File: BF129861.D
 Acq: 18 Aug 2022 00:26

Tgt Ion: 88 Resp: 150567
 Ion Ratio Lower Upper
 88 100
 58 76.0 60.9 91.3
 43 29.6 23.6 35.4

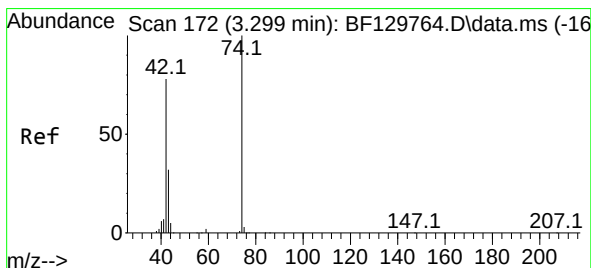
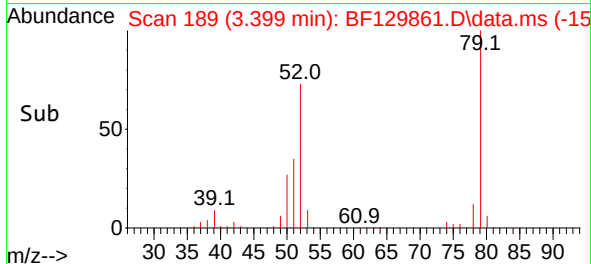
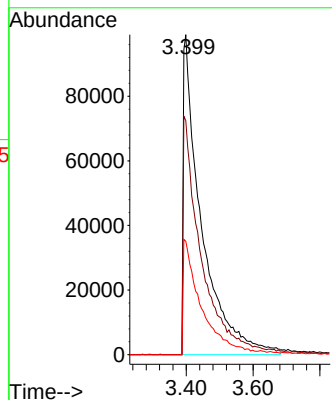
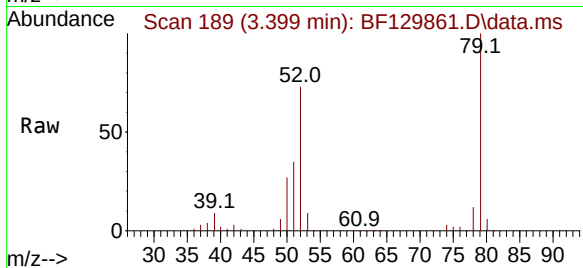




#3
Pyridine
Concen: 41.354 ng
RT: 3.399 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

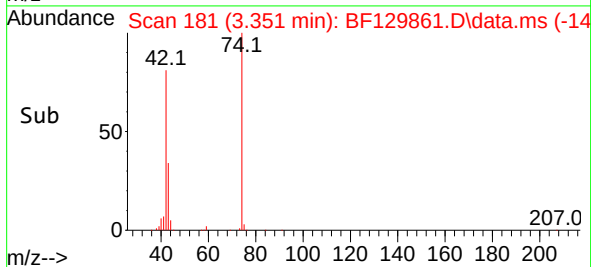
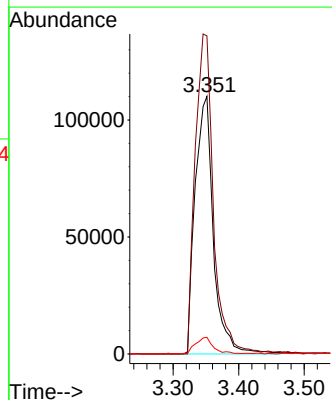
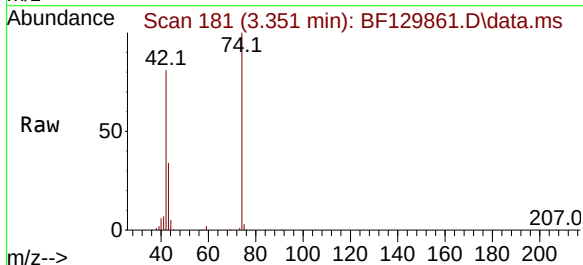
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BNA_F
ClientSampleId :
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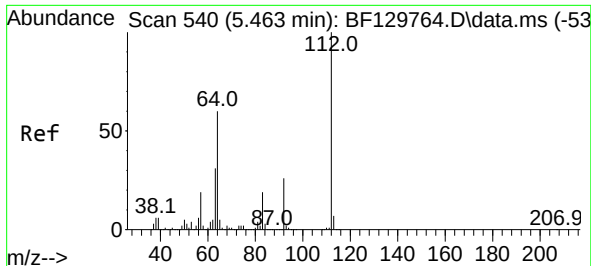
Tgt Ion: 79 Resp: 371955
Ion Ratio Lower Upper
79 100
52 73.1 59.4 89.2
51 35.4 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 51.516 ng
RT: 3.351 min Scan# 181
Delta R.T. 0.094 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion: 42 Resp: 213537
Ion Ratio Lower Upper
42 100
74 123.5 103.1 154.7
44 6.5 5.4 8.2

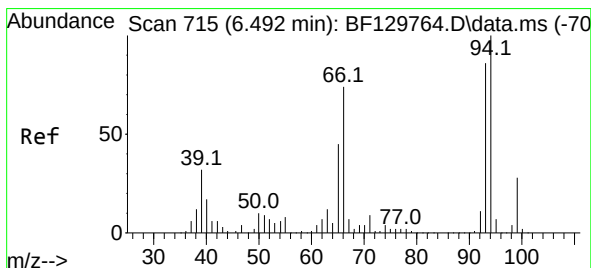
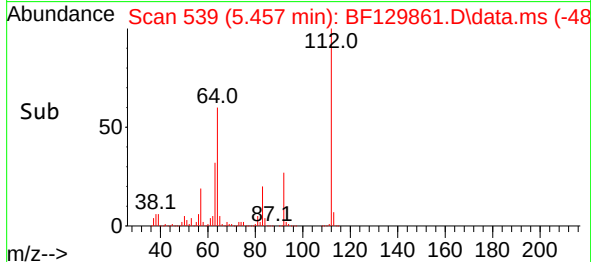
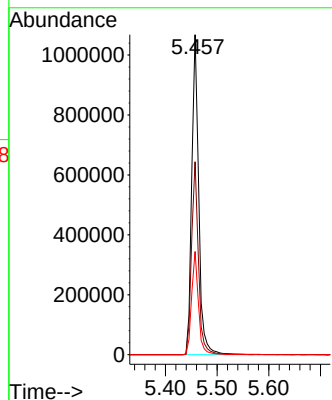
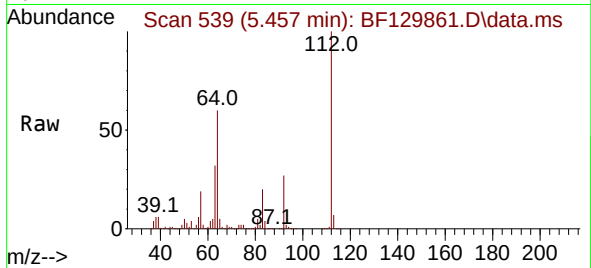




#5
2-Fluorophenol
Concen: 120.678 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

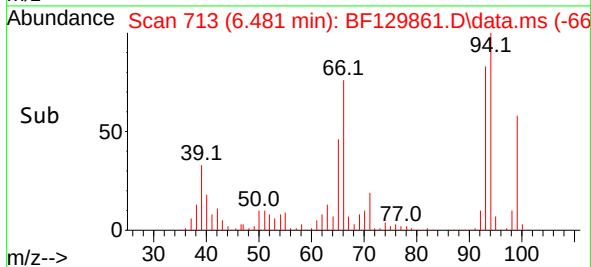
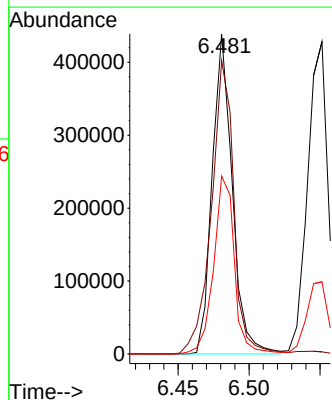
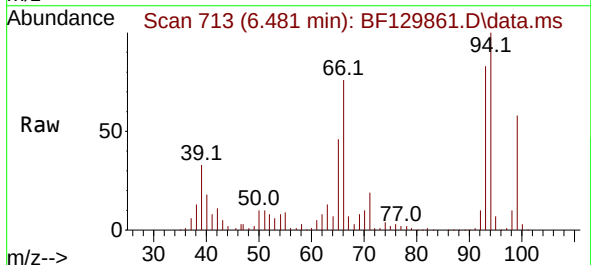
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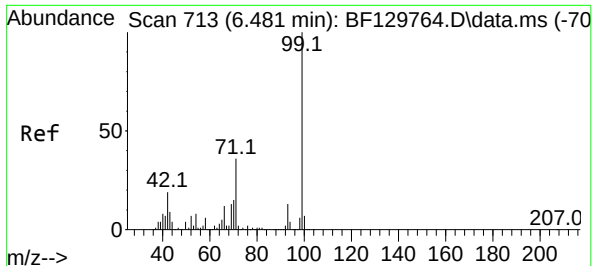
Tgt Ion:112 Resp: 1005339
Ion Ratio Lower Upper
112 100
64 60.3 47.6 71.4
63 32.2 24.6 37.0



#6
Aniline
Concen: 36.246 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion: 93 Resp: 430979
Ion Ratio Lower Upper
93 100
66 91.7 68.7 103.1
65 55.6 41.6 62.4

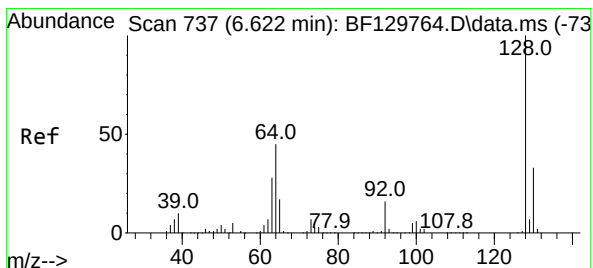
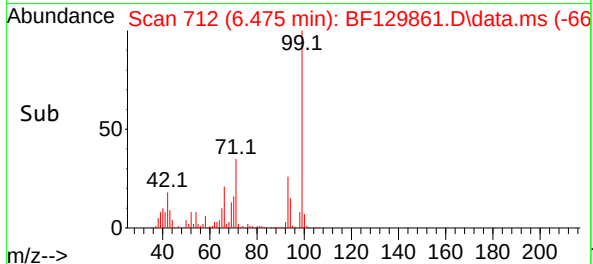
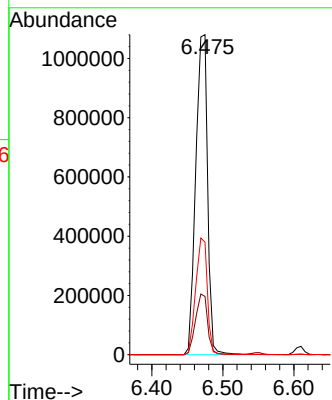
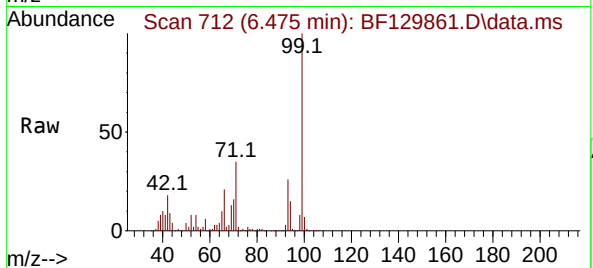




#7
Phenol-d6
Concen: 120.607 ng
RT: 6.475 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

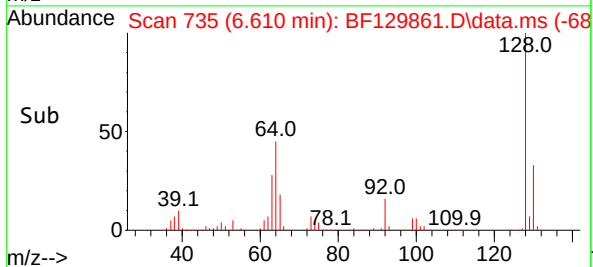
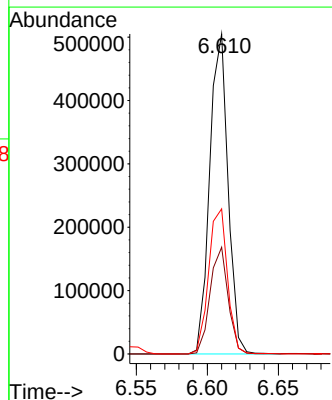
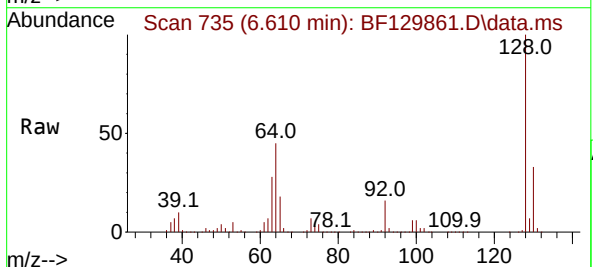
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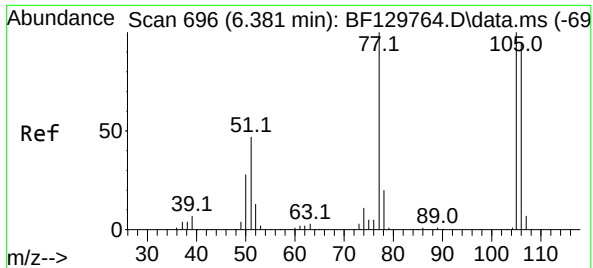
Tgt Ion: 99 Resp: 1258220
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 35.2 28.8 43.2



#8
2-Chlorophenol
Concen: 48.849 ng
RT: 6.610 min Scan# 735
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:128 Resp: 453028
Ion Ratio Lower Upper
128 100
130 33.3 12.5 52.5
64 45.4 24.9 64.9

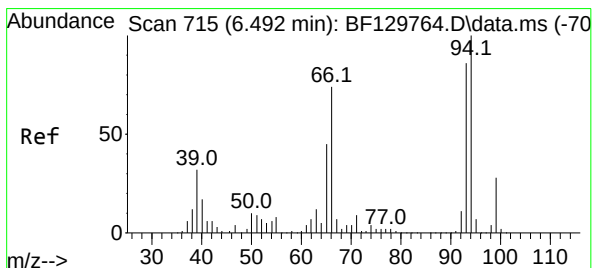
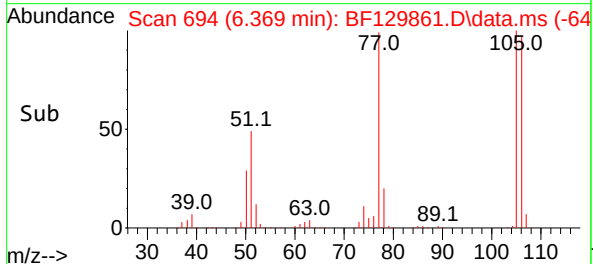
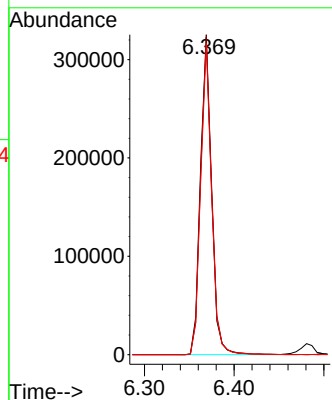
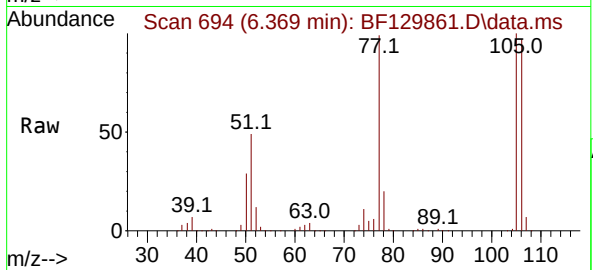




#9
Benzaldehyde
Concen: 51.990 ng
RT: 6.369 min Scan# 694
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

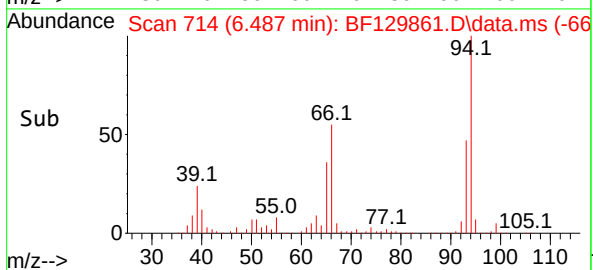
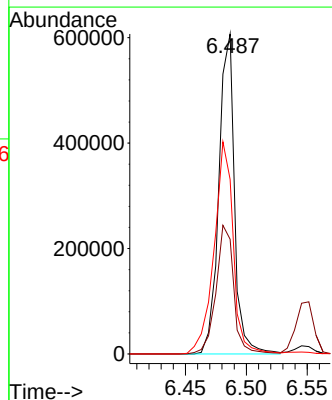
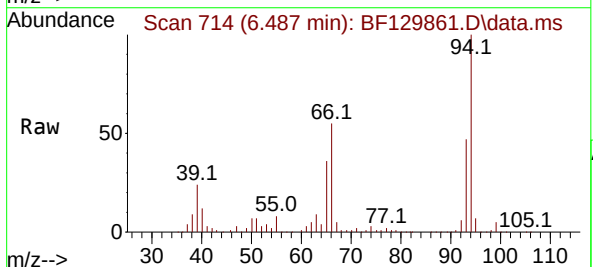
Instrument :
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ClientSampleId :
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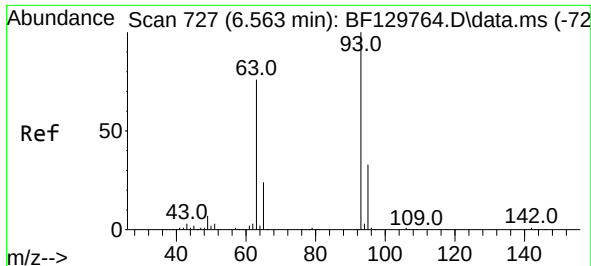
Tgt Ion: 77 Resp: 279201
Ion Ratio Lower Upper
77 100
105 100.8 80.3 120.3
106 98.0 74.3 114.3



#10
Phenol
Concen: 47.600 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion: 94 Resp: 544716
Ion Ratio Lower Upper
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65 35.8 24.9 64.9
66 54.5 54.2 94.2

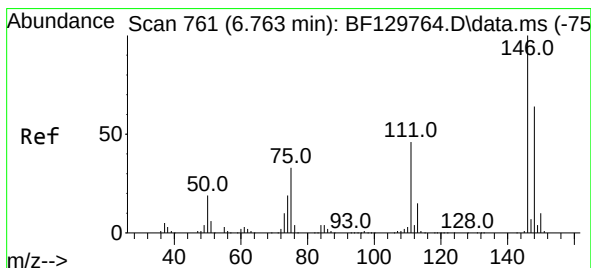
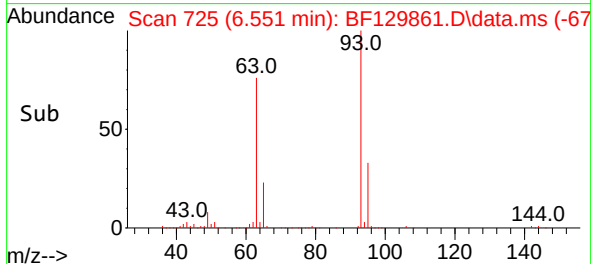
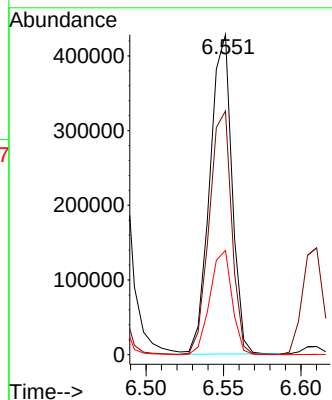
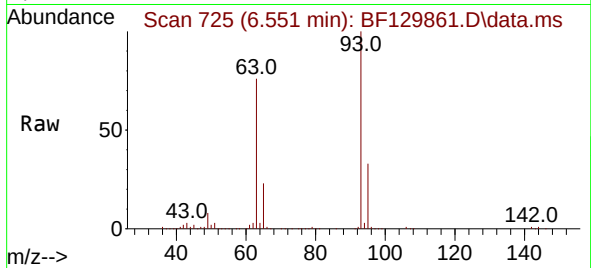




#11
bis(2-Chloroethyl)ether
Concen: 48.867 ng
RT: 6.551 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

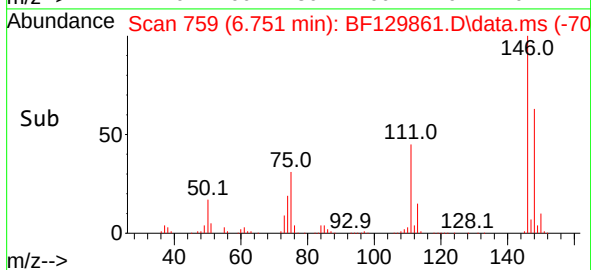
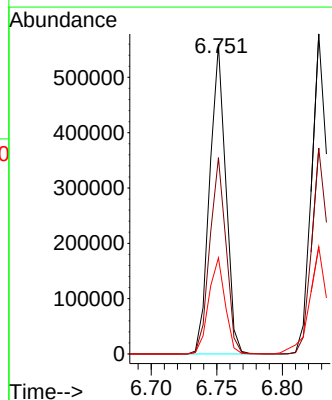
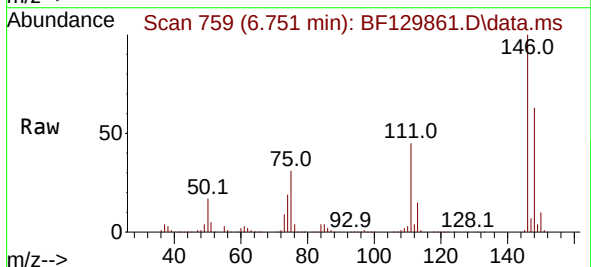
Instrument :
BNA_F
ClientSampleId :
SB14MSD

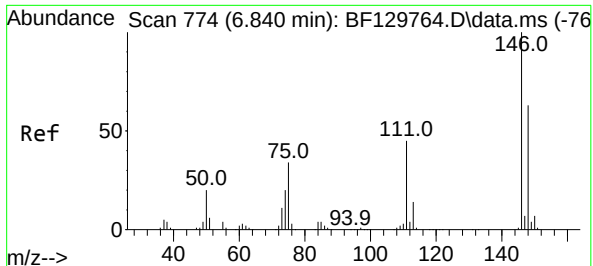
Tgt Ion: 93 Resp: 424651
Ion Ratio Lower Upper
93 100
63 76.2 55.9 95.9
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 47.714 ng
RT: 6.751 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:146 Resp: 477718
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
75 31.1 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 46.983 ng

RT: 6.828 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SB14MSD

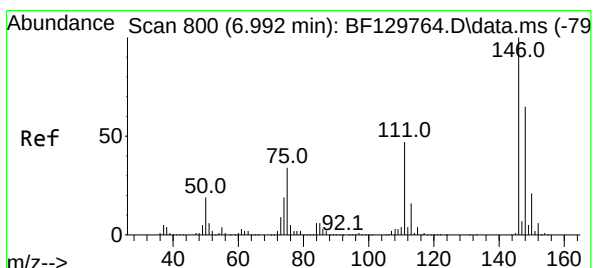
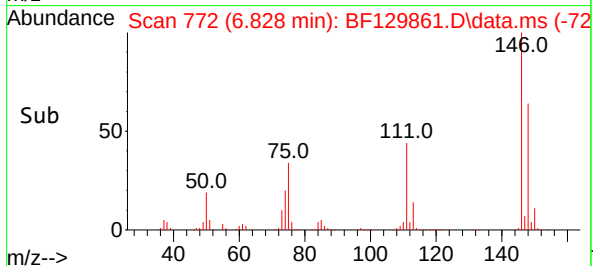
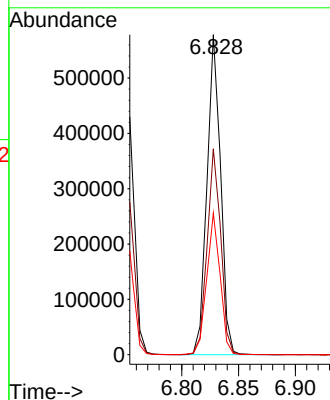
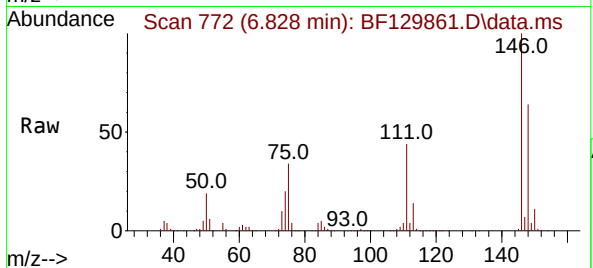
Tgt Ion:146 Resp: 480643

Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

111 44.2 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 48.056 ng

RT: 6.981 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

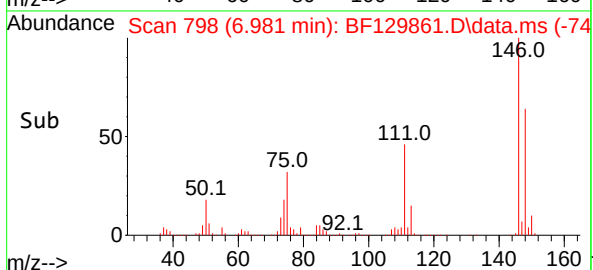
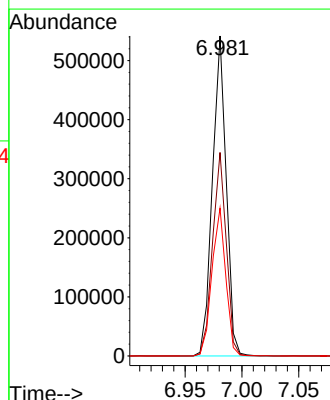
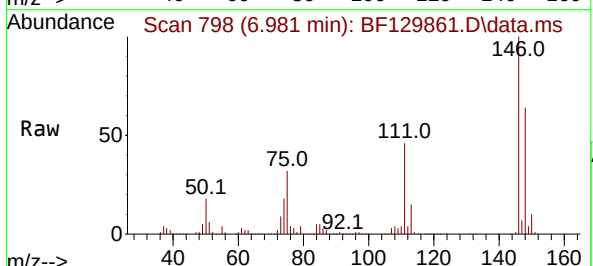
Tgt Ion:146 Resp: 456588

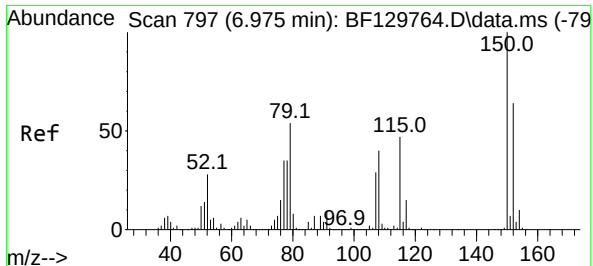
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

111 46.2 37.2 55.8

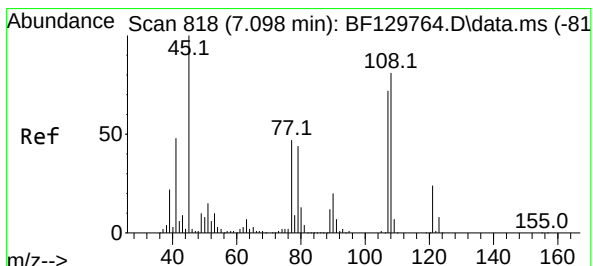
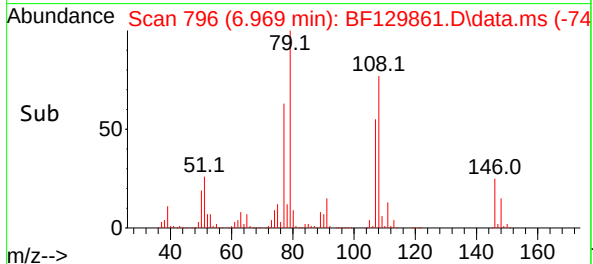
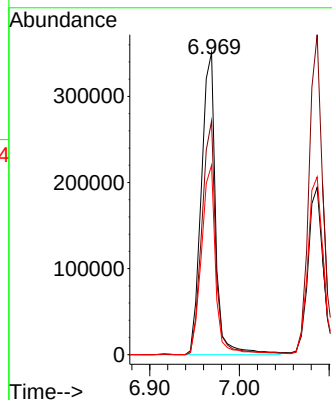
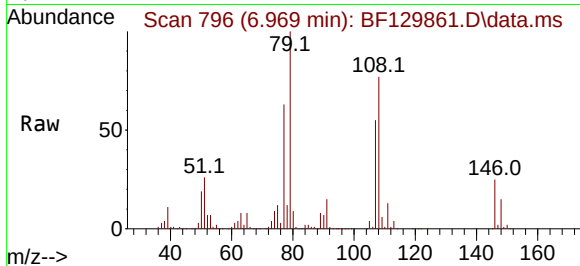




#15
Benzyl Alcohol
Concen: 49.384 ng
RT: 6.969 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

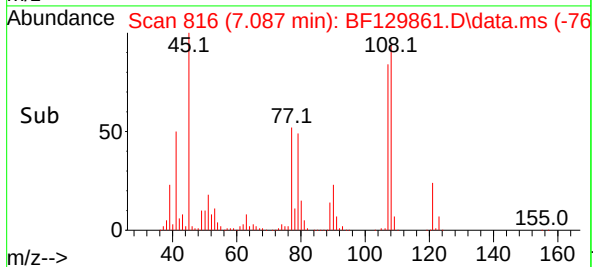
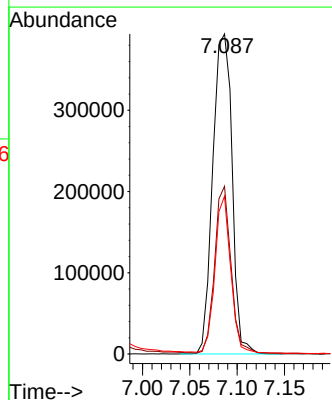
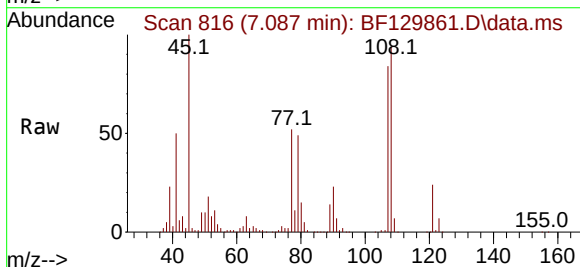
Instrument :
BNA_F
ClientSampleId :
SB14MSD

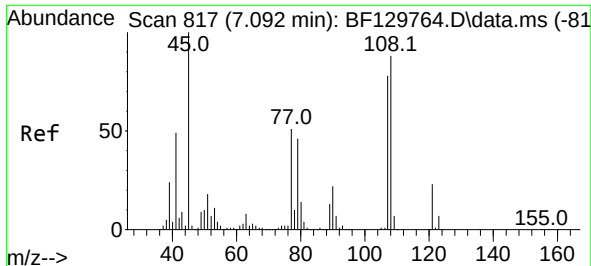
Tgt Ion: 79 Resp: 388938
Ion Ratio Lower Upper
79 100
108 77.4 59.2 88.8
77 62.7 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.013 ng
RT: 7.087 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion: 45 Resp: 559079
Ion Ratio Lower Upper
45 100
77 52.4 27.4 67.4
79 49.3 24.4 64.4

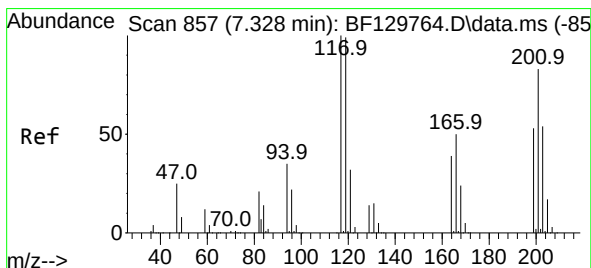
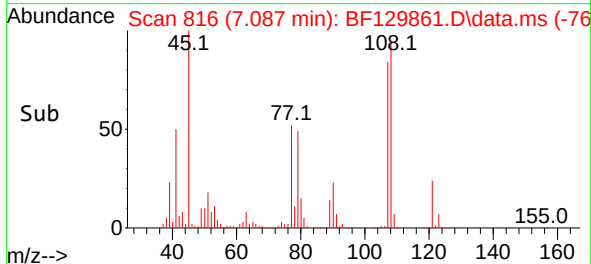
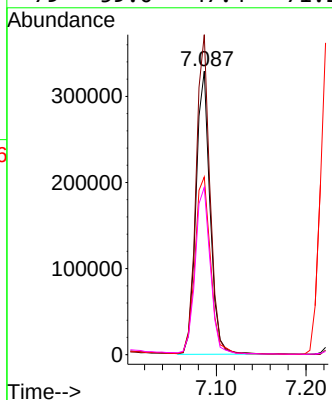
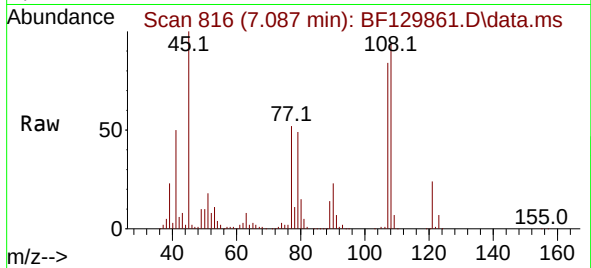




#17
2-Methylphenol
Concen: 48.173 ng
RT: 7.087 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

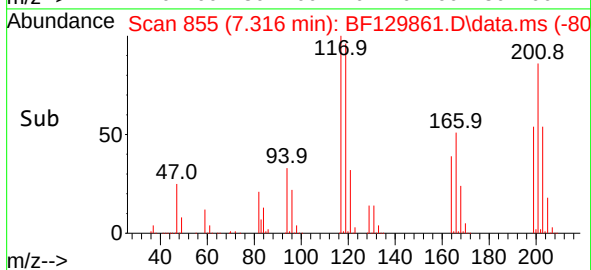
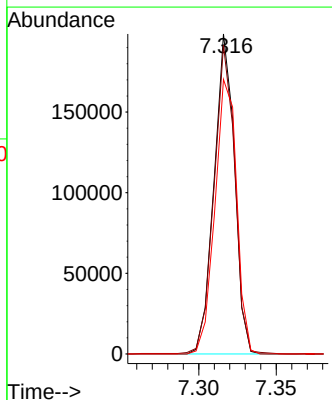
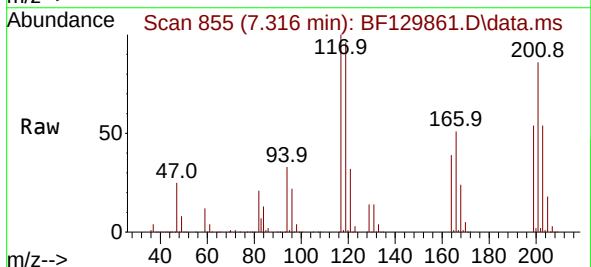
Instrument :
BNA_F
ClientSampleId :
SB14MSD

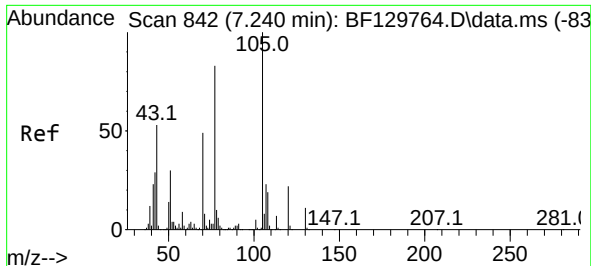
Tgt Ion:107 Resp: 358723
Ion Ratio Lower Upper
107 100
108 112.9 90.2 135.2
77 62.7 51.8 77.8
79 59.0 47.4 71.2



#18
Hexachloroethane
Concen: 47.477 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:117 Resp: 182390
Ion Ratio Lower Upper
117 100
119 96.5 79.1 118.7
201 85.8 66.6 100.0

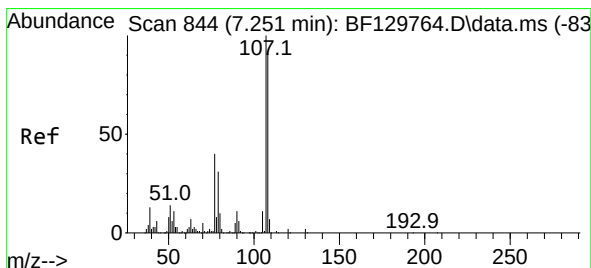
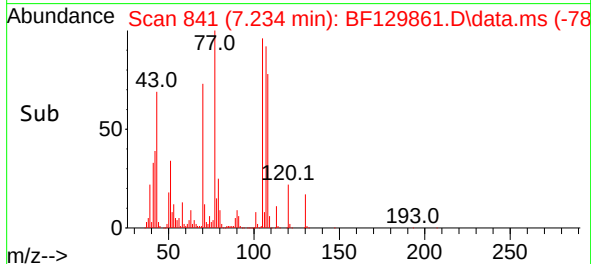
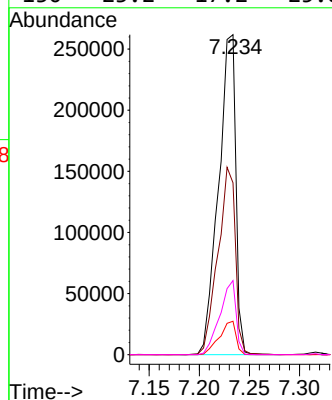
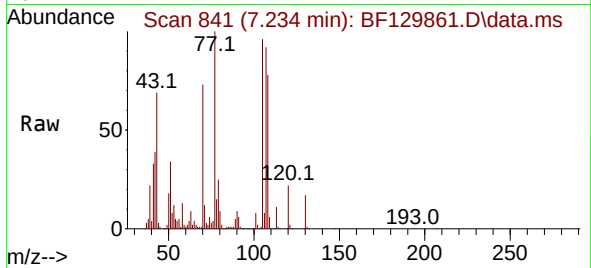




#19
n-Nitroso-di-n-propylamine
Concen: 47.615 ng
RT: 7.234 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

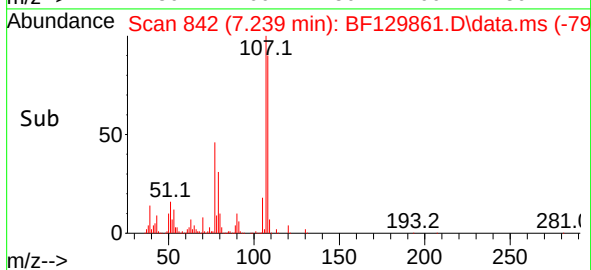
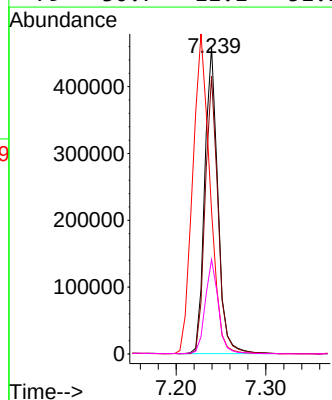
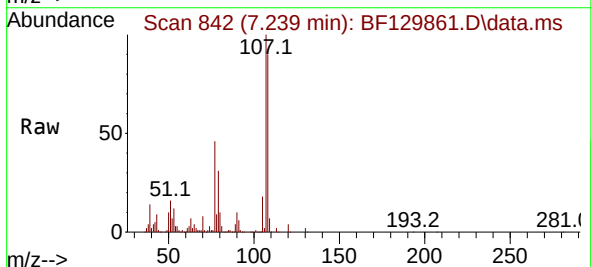
Instrument :
BNA_F
ClientSampleId :
SB14MSD

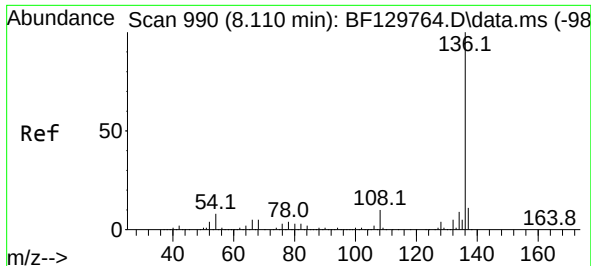
Tgt Ion: 70 Resp: 313985
Ion Ratio Lower Upper
70 100
42 53.7 47.6 71.4
101 10.4 8.1 12.1
130 23.2 17.2 25.8



#20
3+4-Methylphenols
Concen: 46.595 ng
RT: 7.239 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion: 107 Resp: 465749
Ion Ratio Lower Upper
107 100
108 90.3 71.3 111.3
77 46.4 20.4 60.4
79 30.7 11.1 51.1

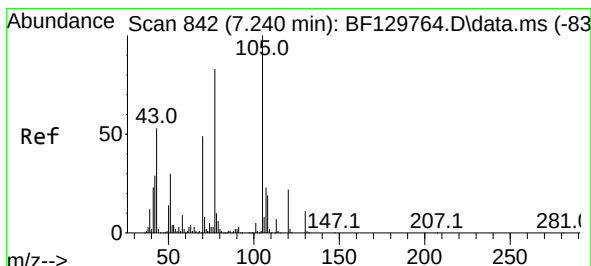
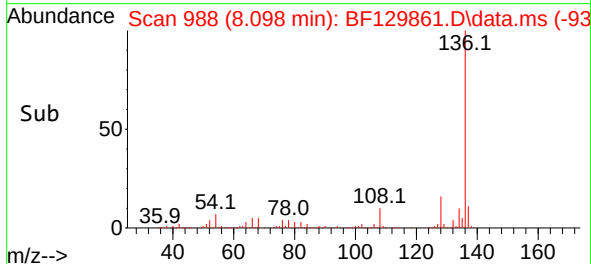
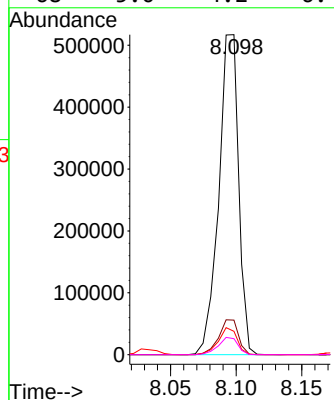
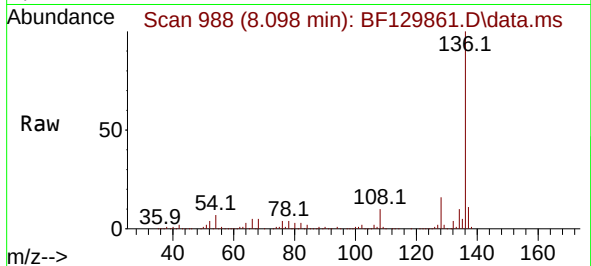




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

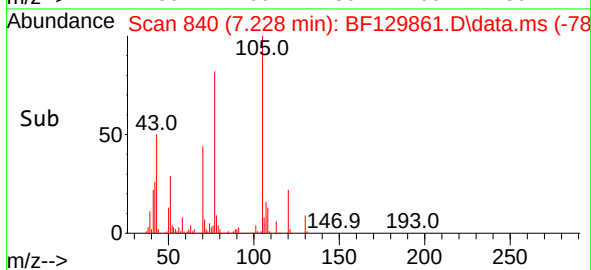
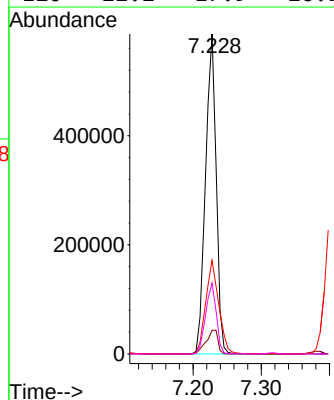
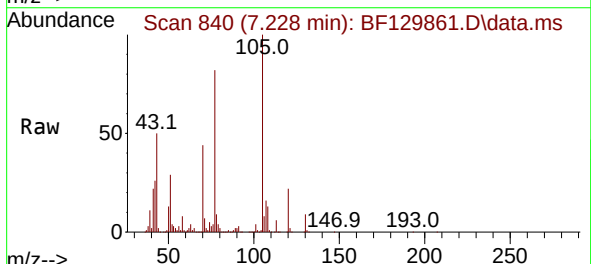
Instrument :
BNA_F
ClientSampleId :
SB14MSD

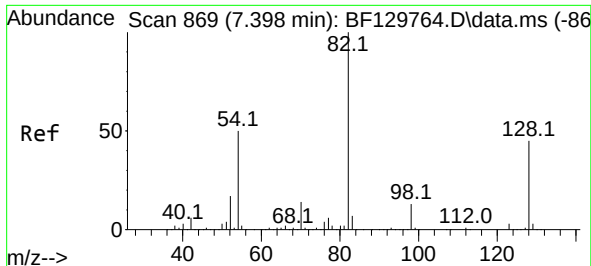
Tgt Ion:136 Resp: 544329
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.3 6.2 9.2
68 5.0 4.2 6.4



#22
Acetophenone
Concen: 48.253 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:105 Resp: 640066
Ion Ratio Lower Upper
105 100
71 7.4 6.6 9.8
51 29.2 23.8 35.8
120 22.2 17.9 26.9





#23

Nitrobenzene-d5

Concen: 80.234 ng

RT: 7.387 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SB14MSD

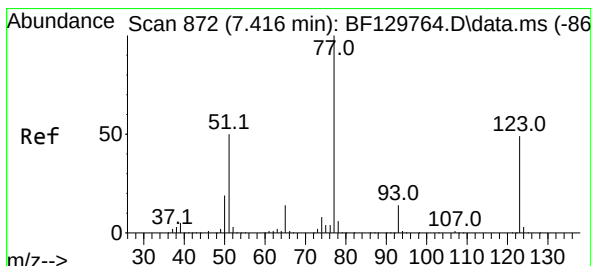
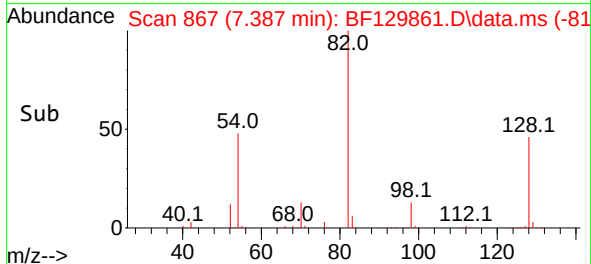
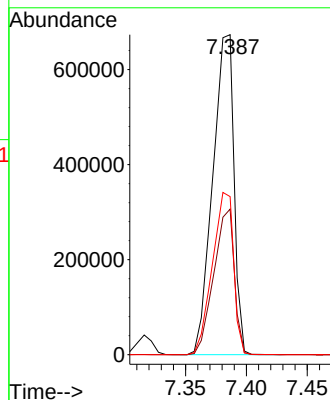
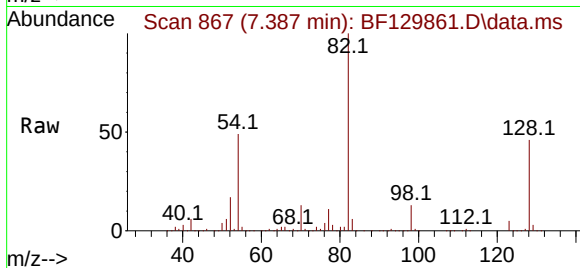
Tgt Ion: 82 Resp: 815846

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

54 49.4 40.0 60.0



#24

Nitrobenzene

Concen: 46.676 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

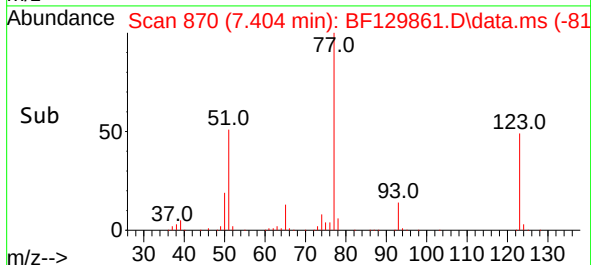
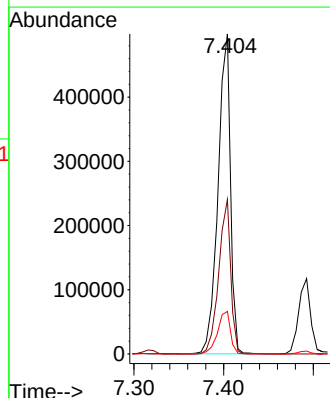
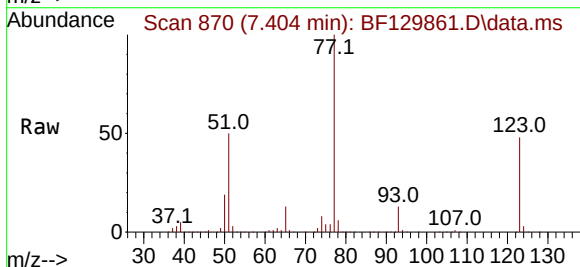
Tgt Ion: 77 Resp: 478589

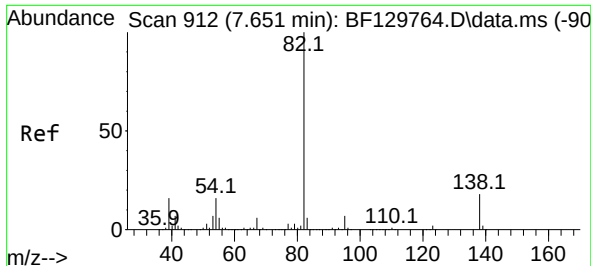
Ion Ratio Lower Upper

77 100

123 48.2 39.2 58.8

65 13.3 11.1 16.7

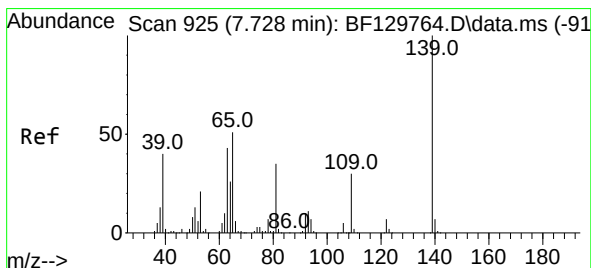
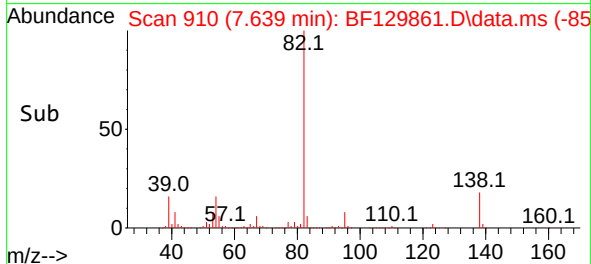
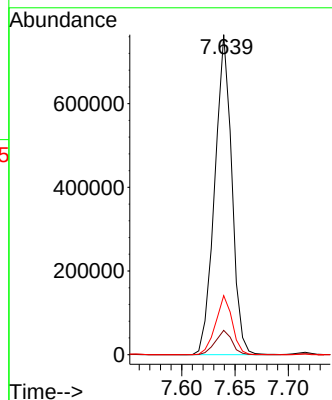
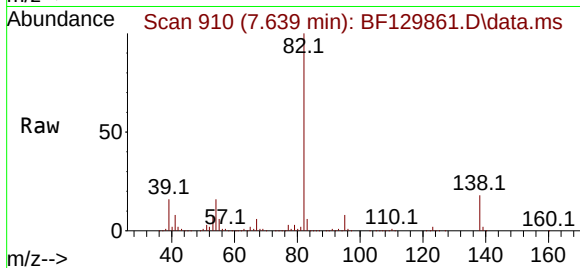




#25
Isophorone
Concen: 48.539 ng
RT: 7.639 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

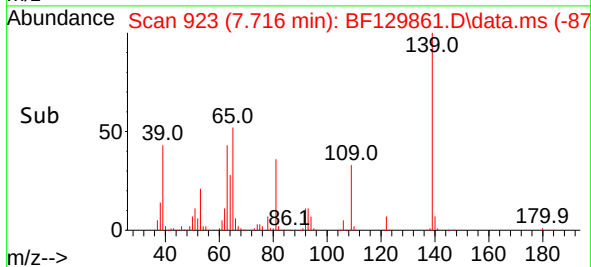
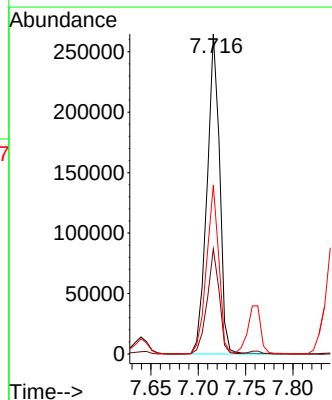
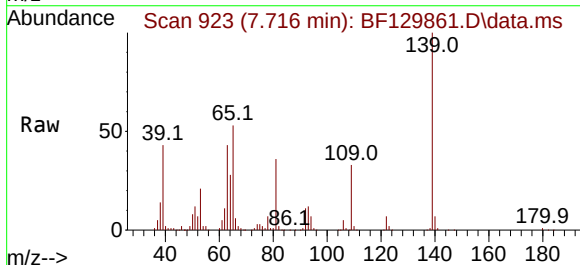
Instrument :
BNA_F
ClientSampleId :
SB14MSD

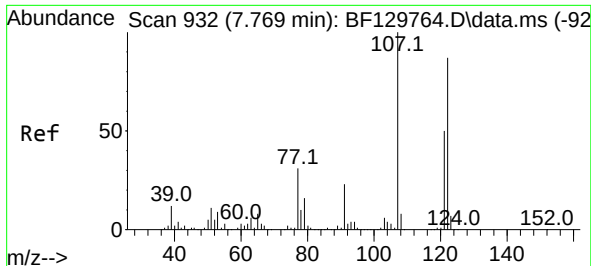
Tgt Ion: 82 Resp: 849495
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.5 14.6 21.8



#26
2-Nitrophenol
Concen: 48.450 ng
RT: 7.716 min Scan# 923
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:139 Resp: 244353
Ion Ratio Lower Upper
139 100
109 32.9 24.4 36.6
65 52.8 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 52.636 ng

RT: 7.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SB14MSD

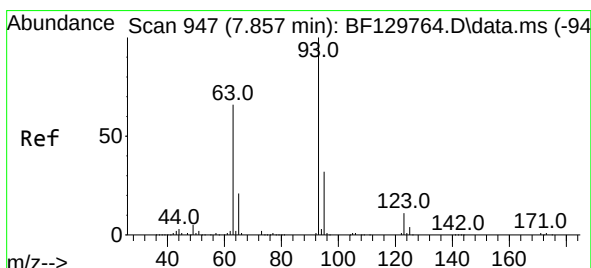
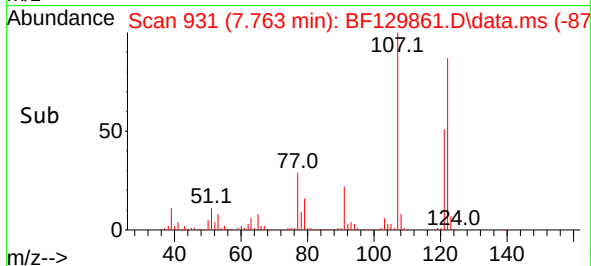
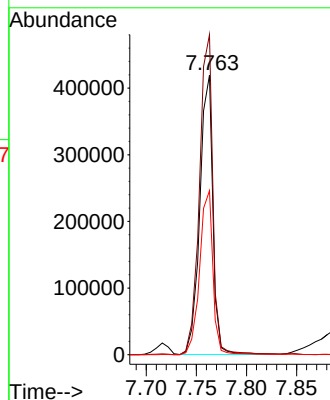
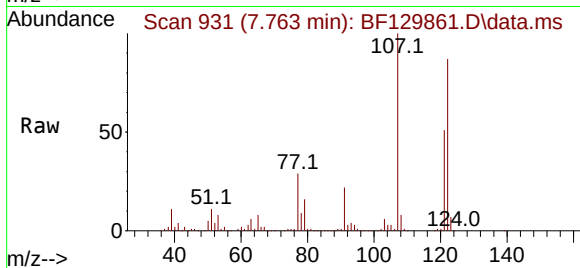
Tgt Ion:122 Resp: 380711

Ion Ratio Lower Upper

122 100

107 114.5 92.2 138.4

121 58.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 50.829 ng

RT: 7.845 min Scan# 945

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

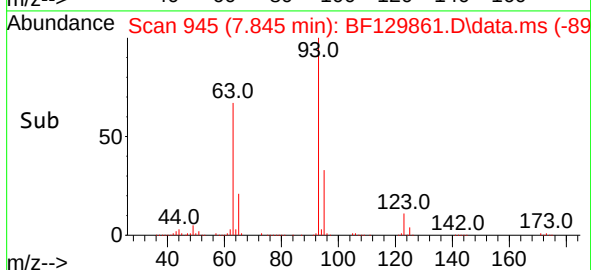
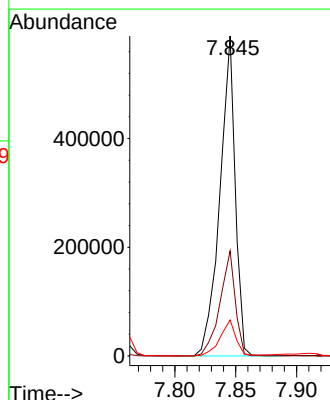
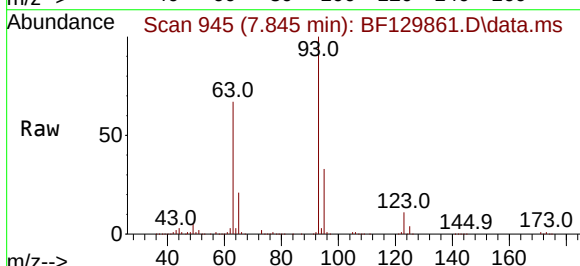
Tgt Ion: 93 Resp: 519405

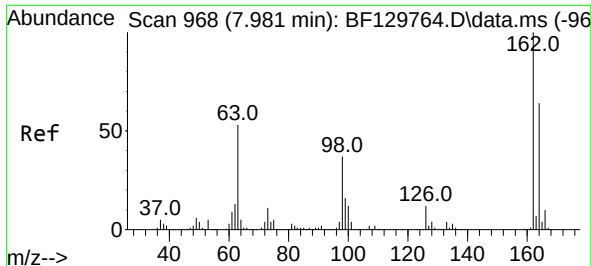
Ion Ratio Lower Upper

93 100

95 32.8 25.6 38.4

123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 46.813 ng

RT: 7.969 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SB14MSD

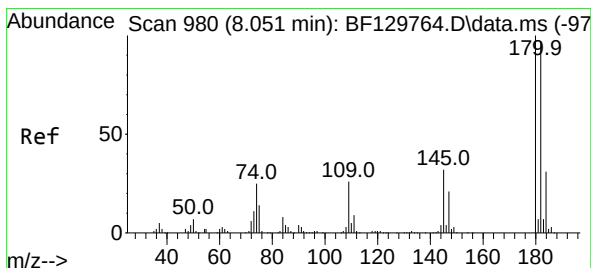
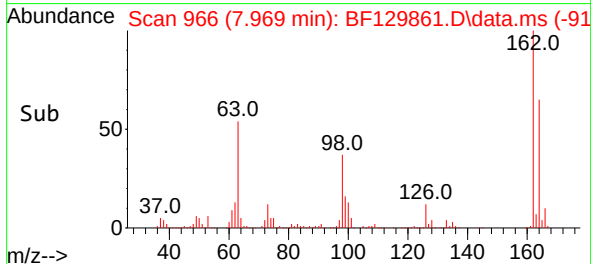
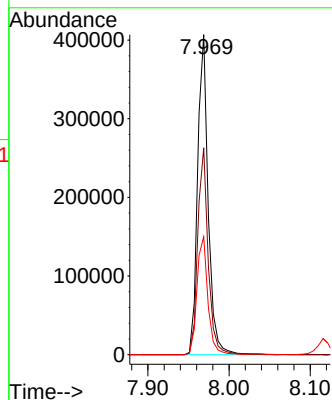
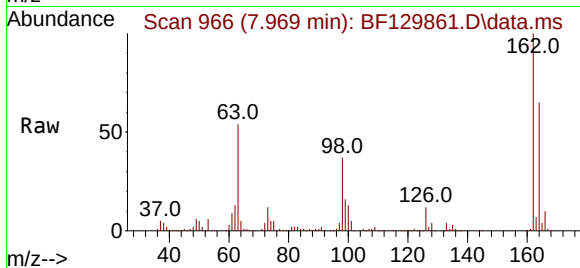
Tgt Ion:162 Resp: 370235

Ion Ratio Lower Upper

162 100

164 64.7 43.7 83.7

98 36.9 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 45.342 ng

RT: 8.039 min Scan# 978

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

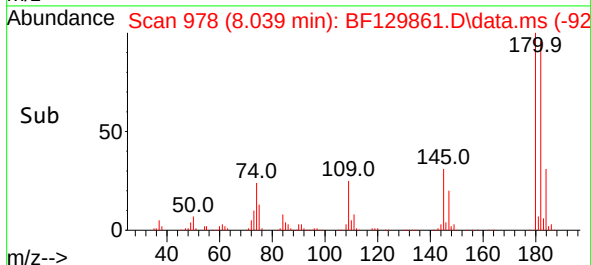
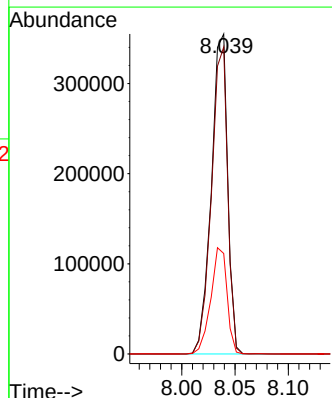
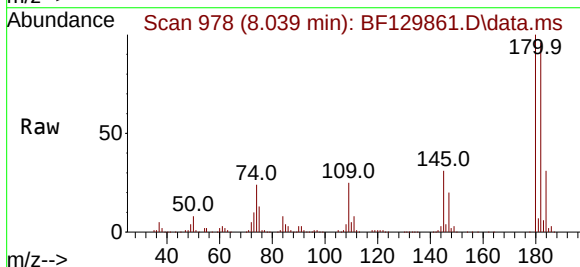
Tgt Ion:180 Resp: 378313

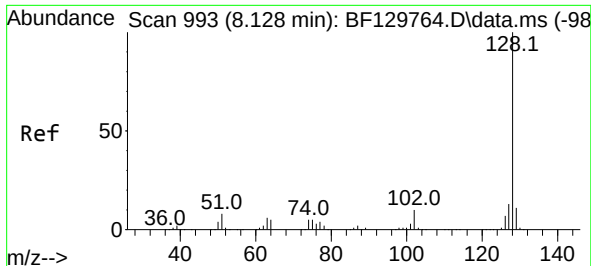
Ion Ratio Lower Upper

180 100

182 95.9 77.6 116.4

145 31.4 25.6 38.4

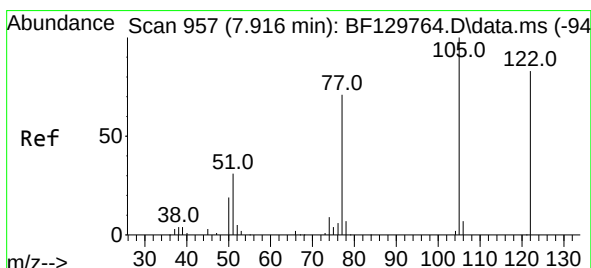
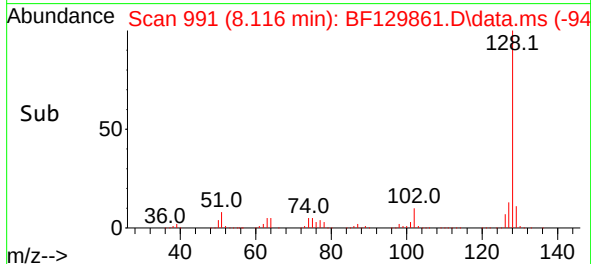
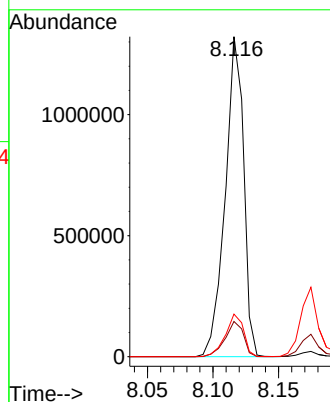
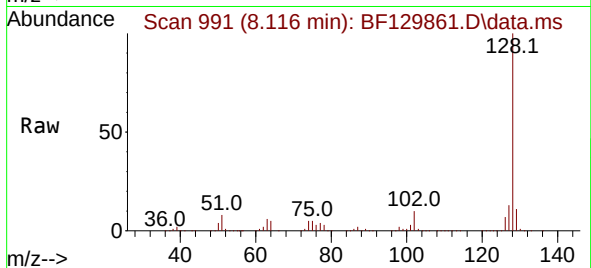




#31
Naphthalene
Concen: 45.382 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

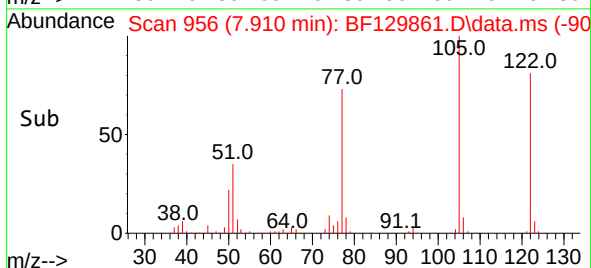
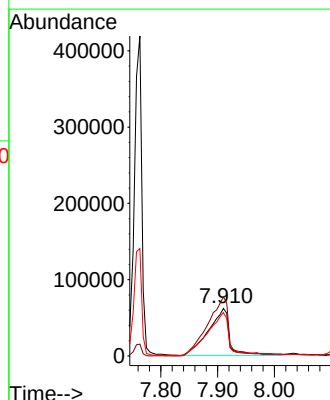
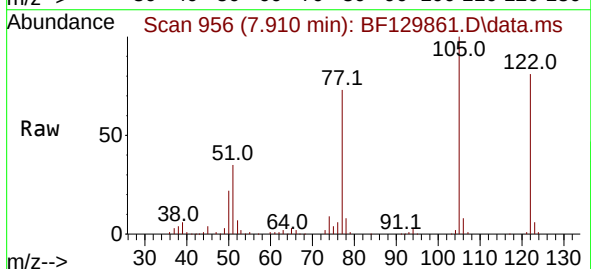
Instrument :
BNA_F
ClientSampleId :
SB14MSD

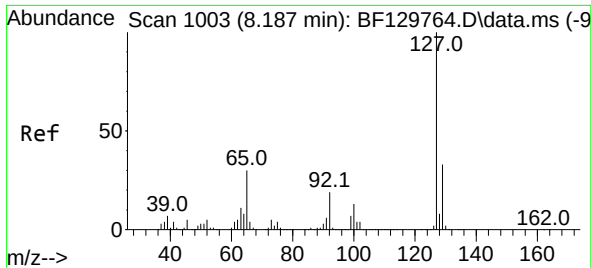
Tgt Ion:128 Resp: 1291613
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 48.571 ng
RT: 7.910 min Scan# 956
Delta R.T. 0.012 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:122 Resp: 158416
Ion Ratio Lower Upper
122 100
105 124.2 99.9 139.9
77 91.2 65.9 105.9





#33

4-Chloroaniline

Concen: 27.401 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SB14MSD

Tgt Ion:127 Resp: 306681

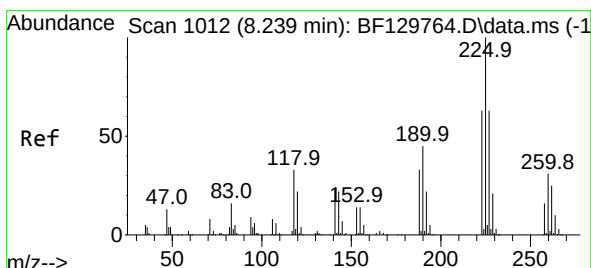
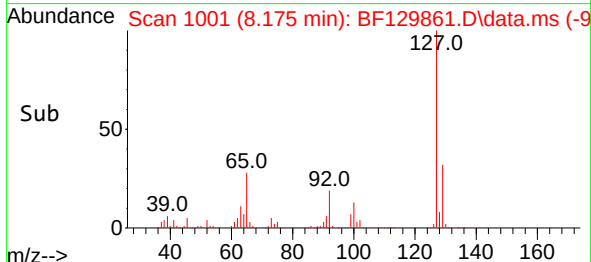
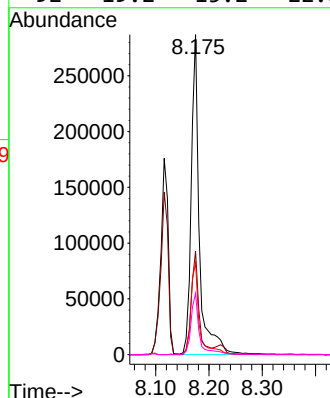
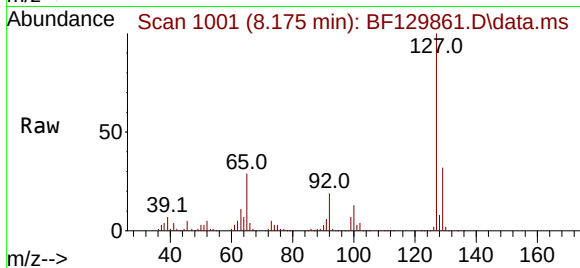
Ion Ratio Lower Upper

127 100

129 32.3 26.7 40.1

65 28.8 24.2 36.2

92 19.2 15.2 22.8



#34

Hexachlorobutadiene

Concen: 45.201 ng

RT: 8.228 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

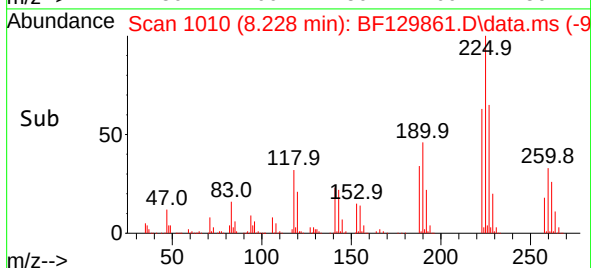
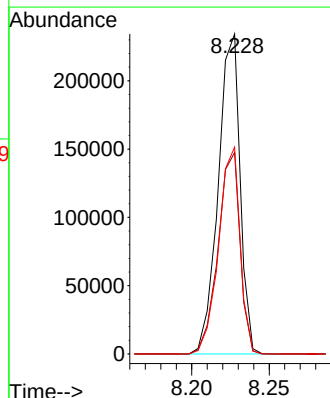
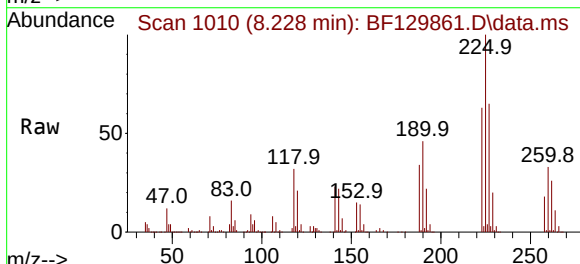
Tgt Ion:225 Resp: 229639

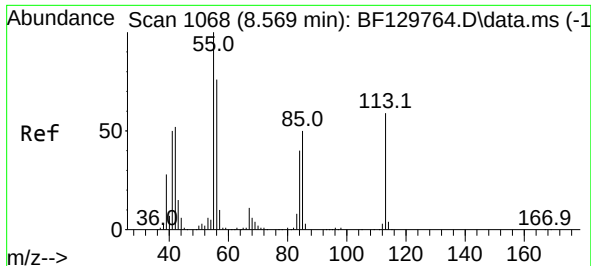
Ion Ratio Lower Upper

225 100

223 63.0 50.2 75.2

227 64.7 50.6 75.8

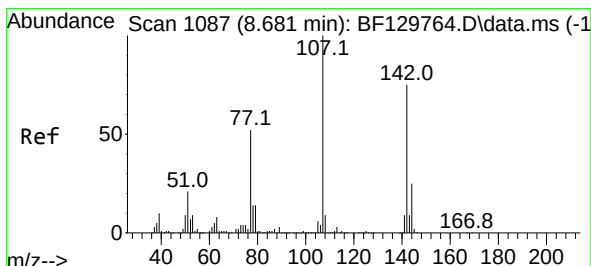
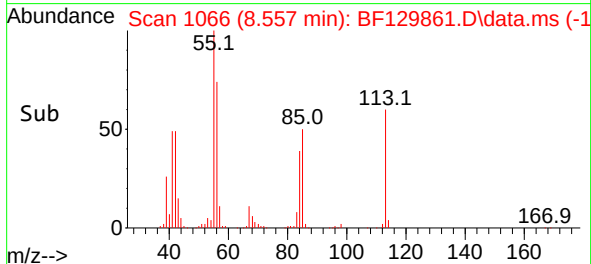
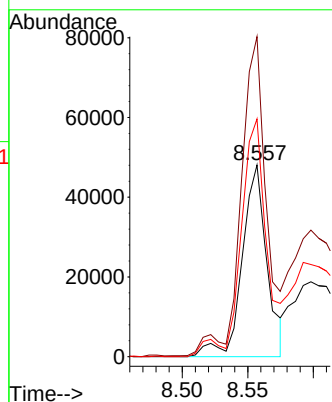
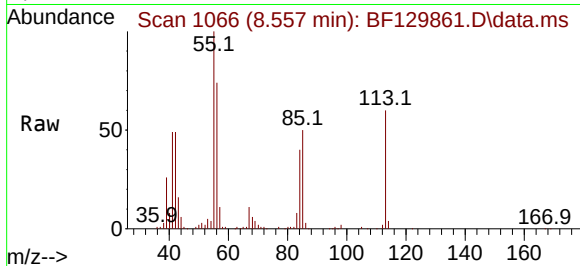




#35
 Caprolactam
 Concen: 25.670 ng
 RT: 8.557 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: BF129861.D
 Acq: 18 Aug 2022 00:26

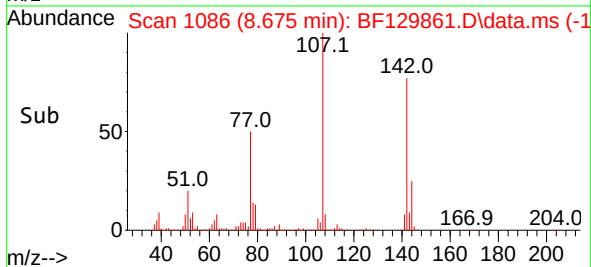
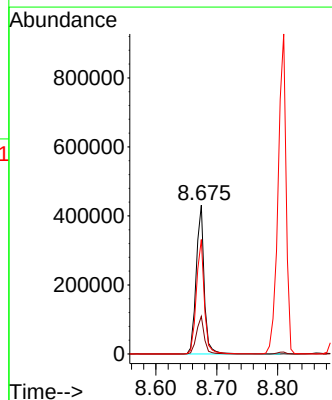
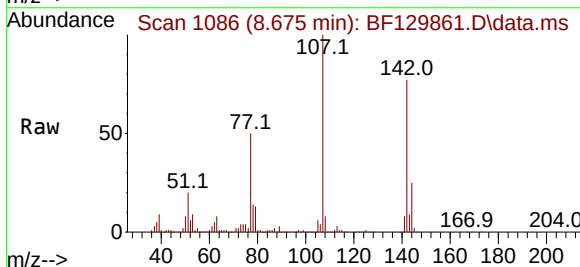
Instrument :
 BNA_F
 ClientSampleId :
 SB14MSD

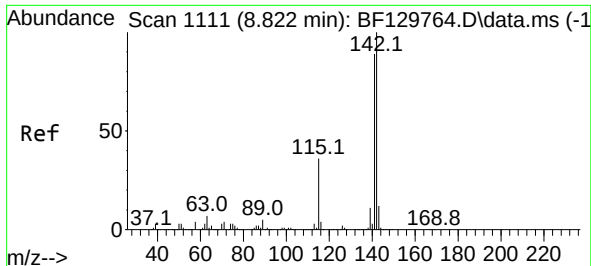
Tgt Ion:113 Resp: 63135
 Ion Ratio Lower Upper
 113 100
 55 167.0 148.8 188.8
 56 124.1 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 46.132 ng
 RT: 8.675 min Scan# 1086
 Delta R.T. 0.006 min
 Lab File: BF129861.D
 Acq: 18 Aug 2022 00:26

Tgt Ion:107 Resp: 393604
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.9 29.9
 142 77.0 60.2 90.4

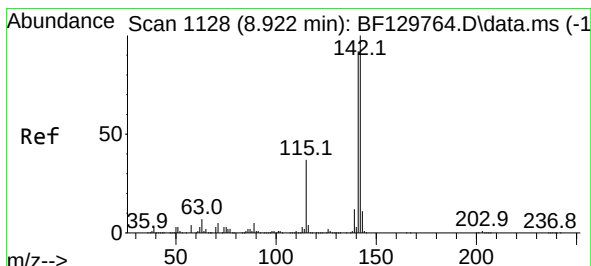
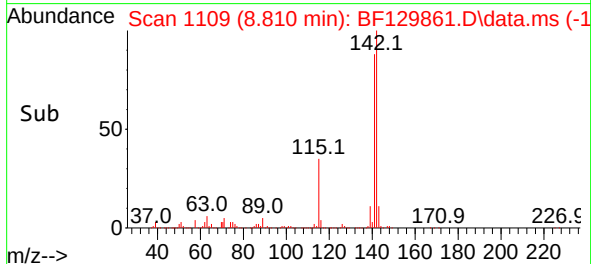
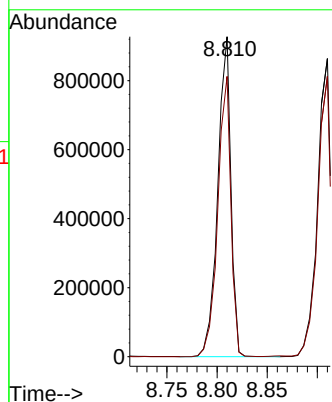
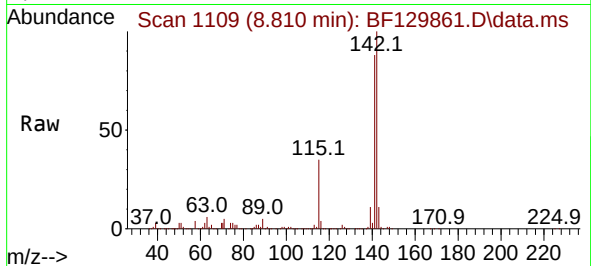




#37
2-Methylnaphthalene
Concen: 44.982 ng
RT: 8.810 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

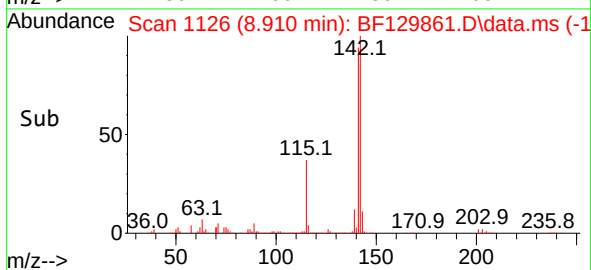
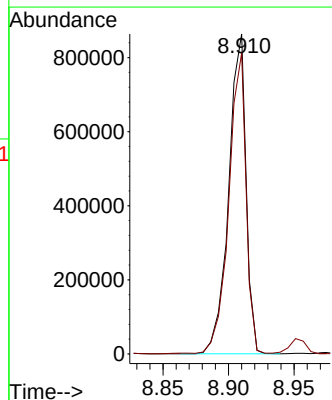
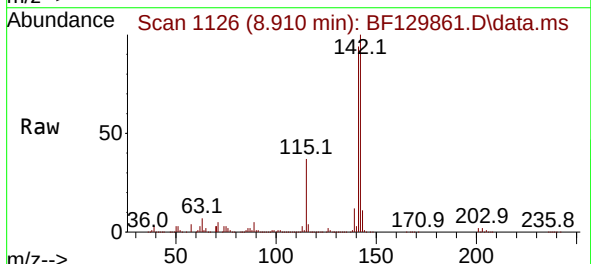
Instrument :
BNA_F
ClientSampleId :
SB14MSD

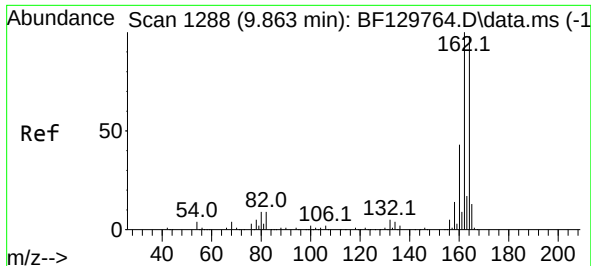
Tgt Ion:142 Resp: 840259
Ion Ratio Lower Upper
142 100
141 87.6 70.9 106.3



#38
1-Methylnaphthalene
Concen: 43.796 ng
RT: 8.910 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:142 Resp: 795069
Ion Ratio Lower Upper
142 100
141 94.1 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1128

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SB14MSD

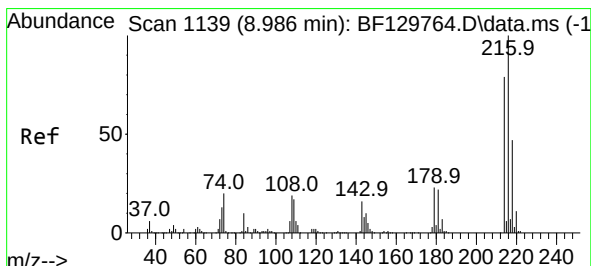
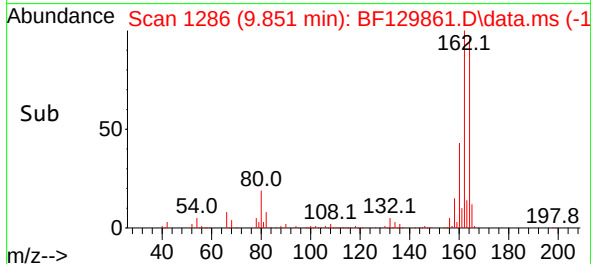
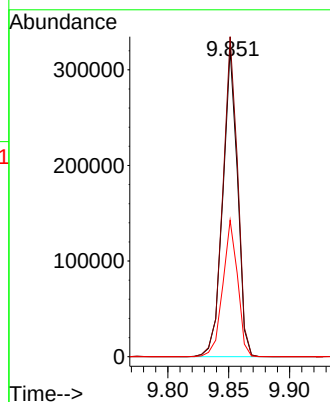
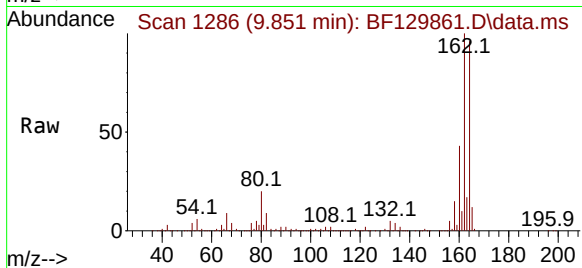
Tgt Ion:164 Resp: 270839

Ion Ratio Lower Upper

164 100

162 104.1 82.0 123.0

160 44.4 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.403 ng

RT: 8.975 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Tgt Ion:216 Resp: 372145

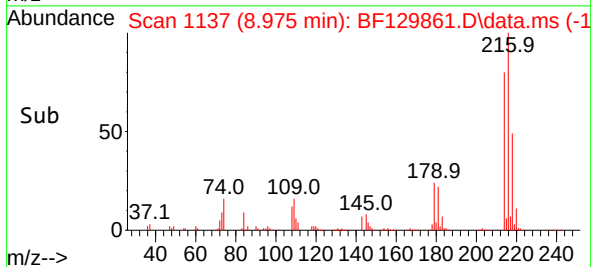
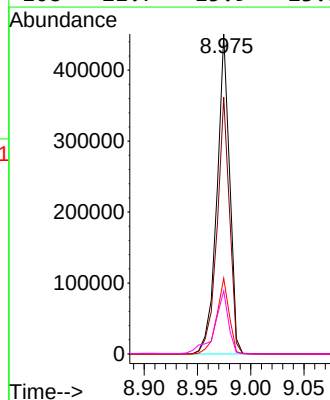
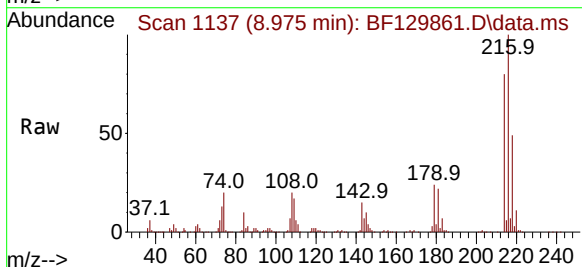
Ion Ratio Lower Upper

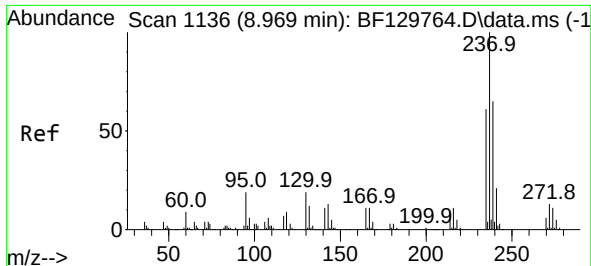
216 100

214 78.9 63.1 94.7

179 23.1 18.1 27.1

108 21.7 15.9 23.9

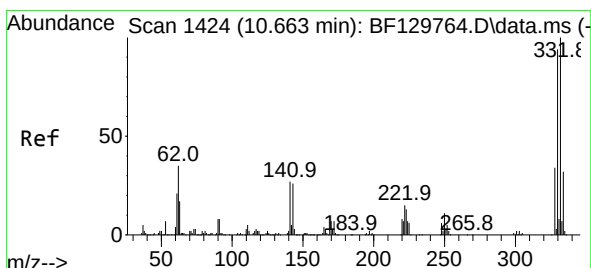
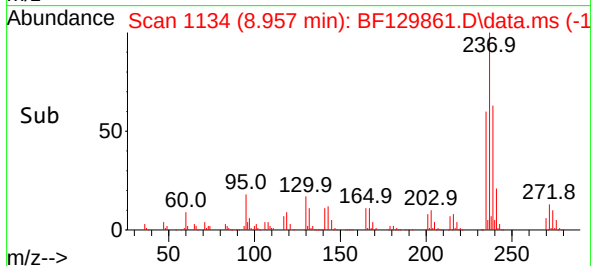
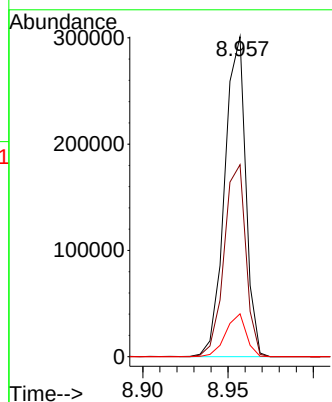
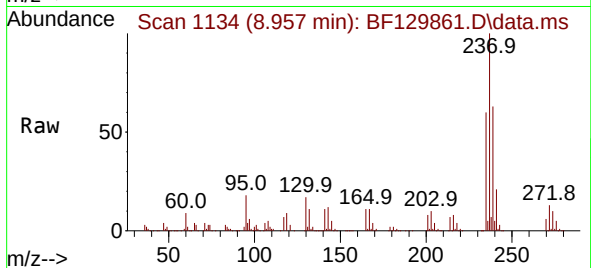




#41
Hexachlorocyclopentadiene
Concen: 95.073 ng
RT: 8.957 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

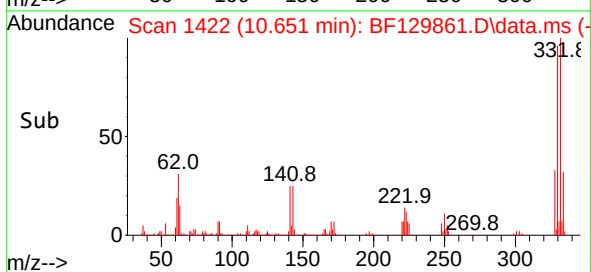
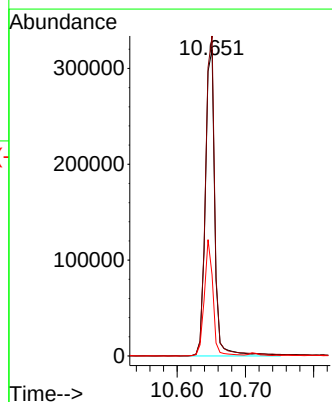
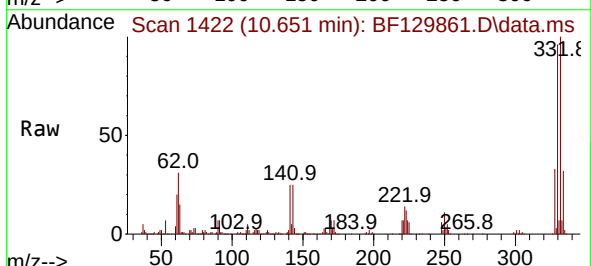
Instrument :
BNA_F
ClientSampleId :
SB14MSD

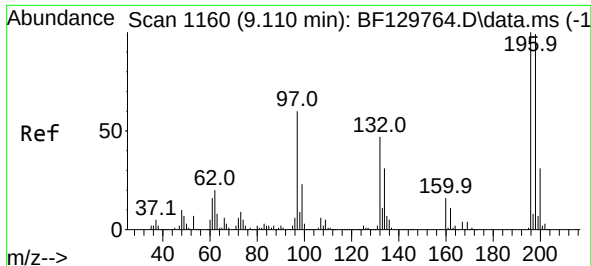
Tgt Ion: 237 Resp: 259020
Ion Ratio Lower Upper
237 100
235 60.0 41.5 81.5
272 13.4 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 114.333 ng
RT: 10.651 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion: 330 Resp: 310788
Ion Ratio Lower Upper
330 100
332 104.4 82.6 124.0
141 34.6 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 46.838 ng

RT: 9.098 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SB14MSD

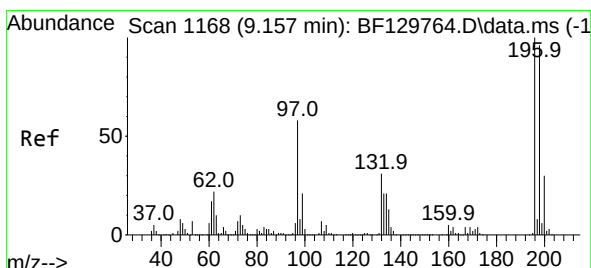
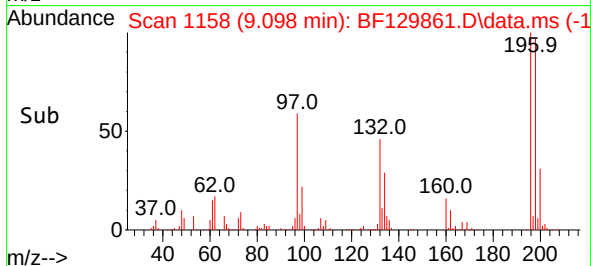
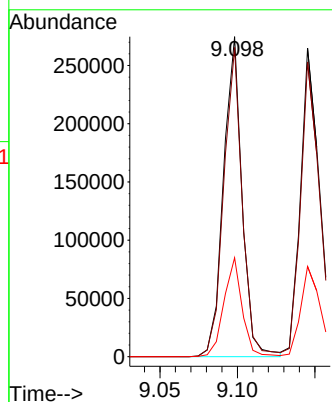
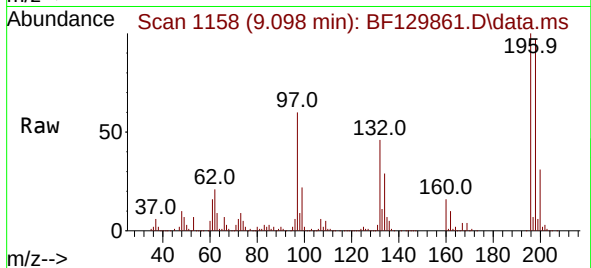
Tgt Ion:196 Resp: 229242

Ion Ratio Lower Upper

196 100

198 96.6 79.0 118.4

200 30.9 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 45.961 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Tgt Ion:196 Resp: 242013

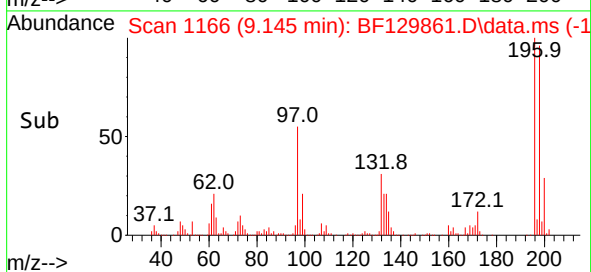
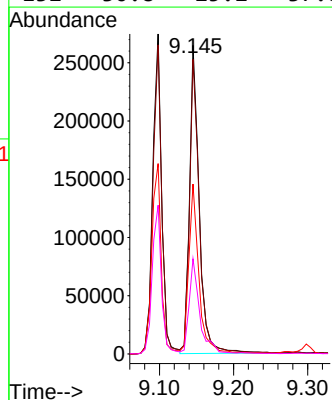
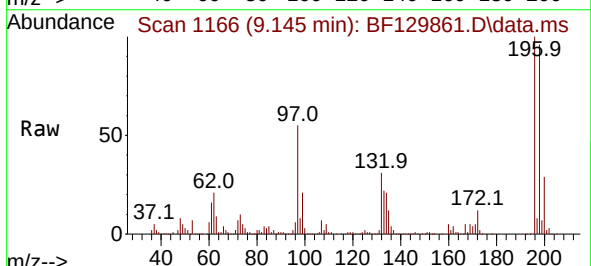
Ion Ratio Lower Upper

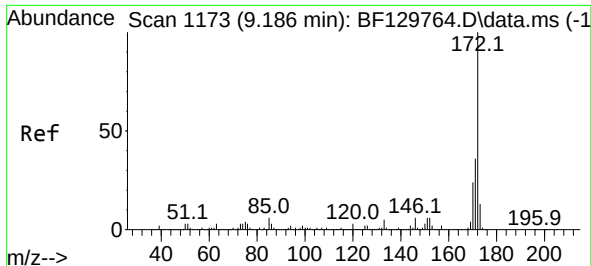
196 100

198 95.5 76.4 114.6

97 55.0 46.5 69.7

132 30.8 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 82.070 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SB14MSD

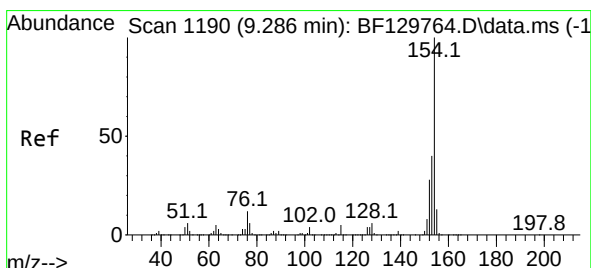
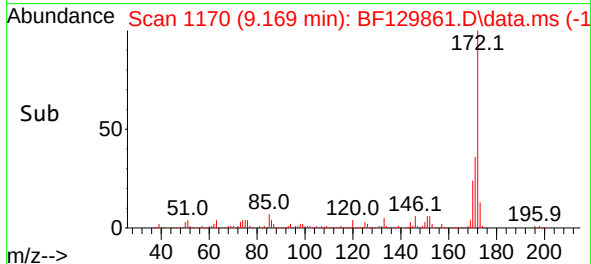
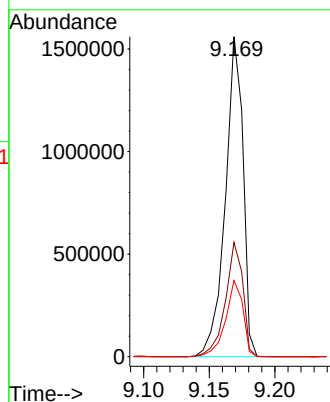
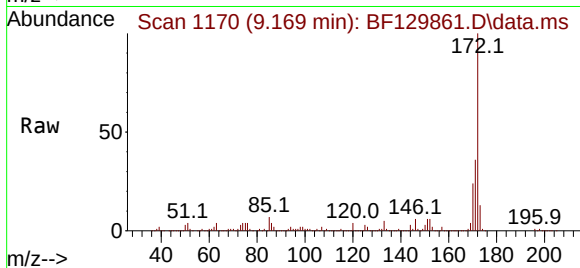
Tgt Ion:172 Resp: 1463496

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 49.099 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

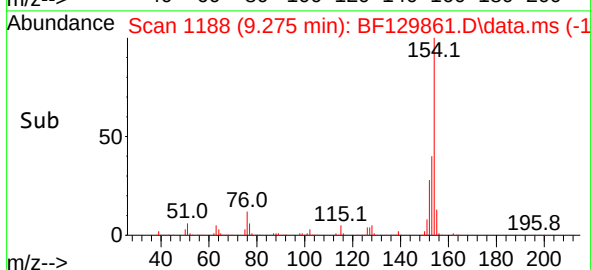
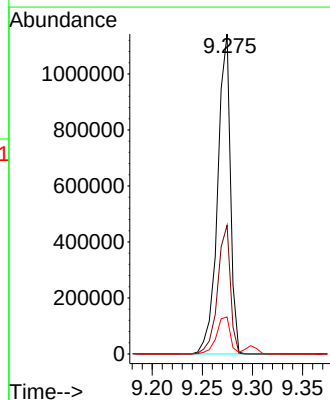
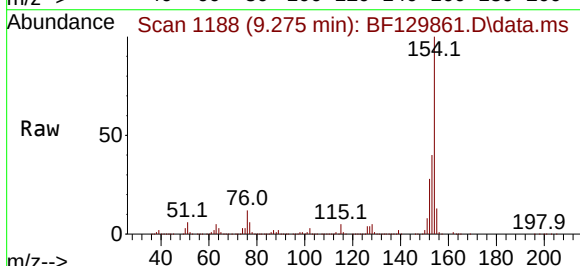
Tgt Ion:154 Resp: 1010228

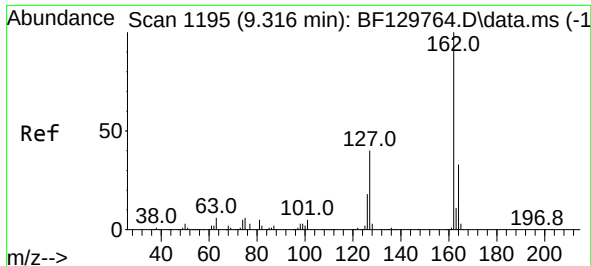
Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

76 11.5 0.0 32.1

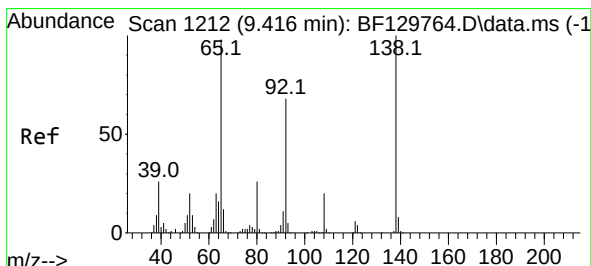
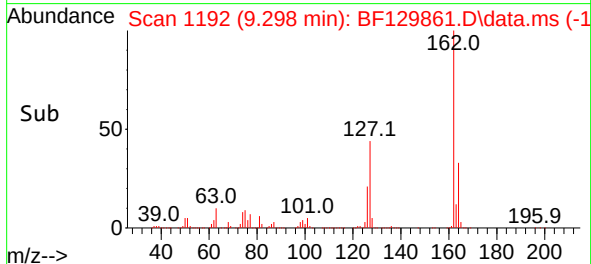
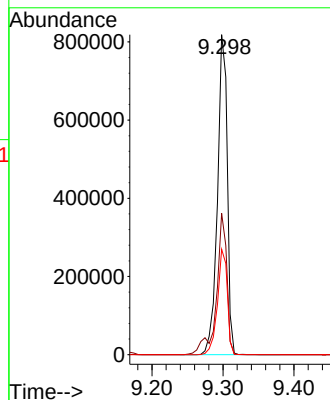
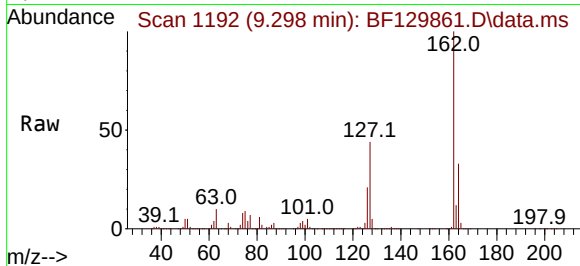




#47
2-Chloronaphthalene
Concen: 48.072 ng
RT: 9.298 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

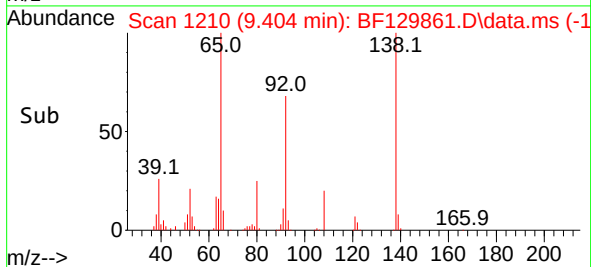
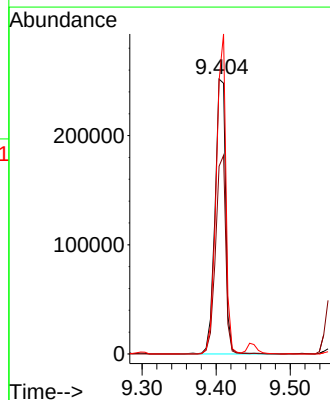
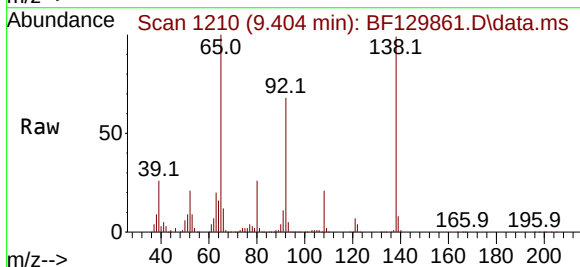
Instrument :
BNA_F
ClientSampleId :
SB14MSD

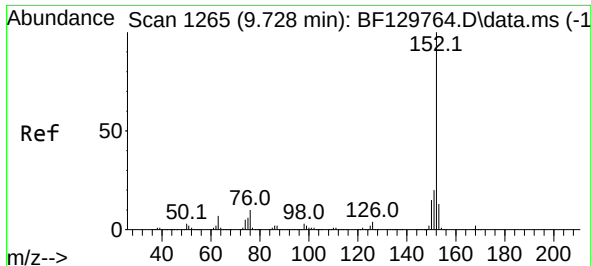
Tgt Ion:162 Resp: 782601
Ion Ratio Lower Upper
162 100
127 44.2 33.1 49.7
164 32.9 26.7 40.1



#48
2-Nitroaniline
Concen: 48.475 ng
RT: 9.404 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion: 65 Resp: 249392
Ion Ratio Lower Upper
65 100
92 68.3 55.0 82.4
138 99.4 81.3 121.9





#49

Acenaphthylene

Concen: 47.135 ng

RT: 9.716 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SB14MSD

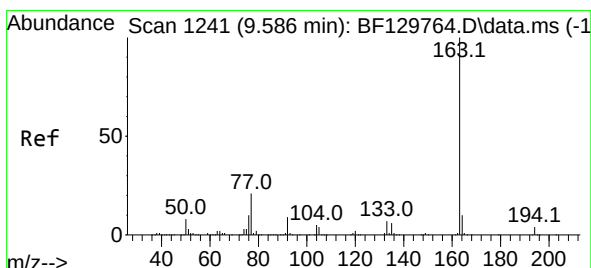
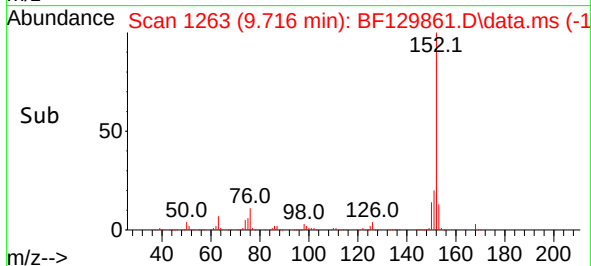
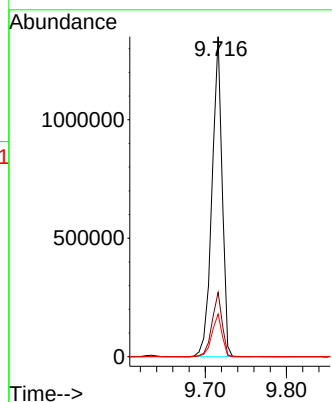
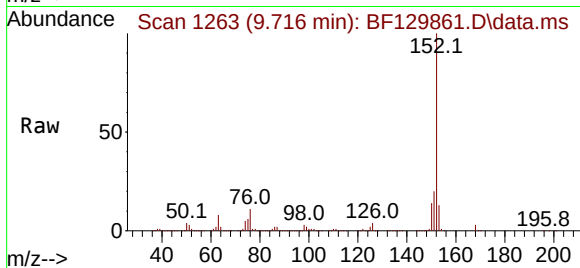
Tgt Ion:152 Resp: 1163614

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 45.456 ng

RT: 9.575 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

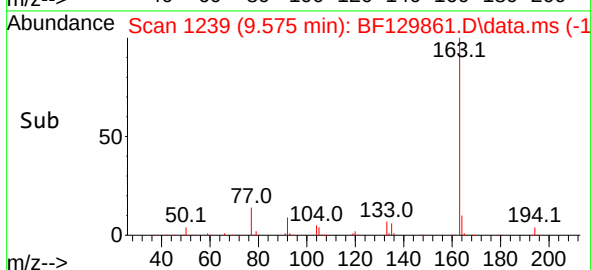
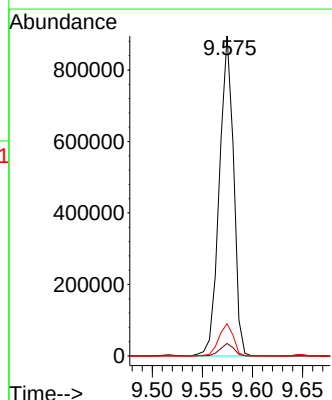
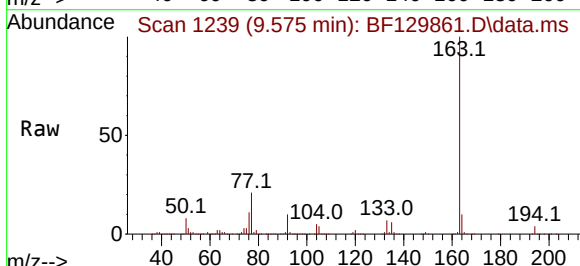
Tgt Ion:163 Resp: 882558

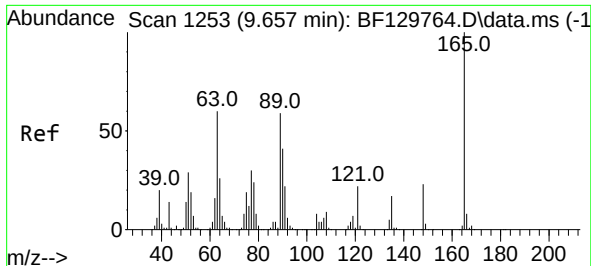
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.1 8.2 12.2

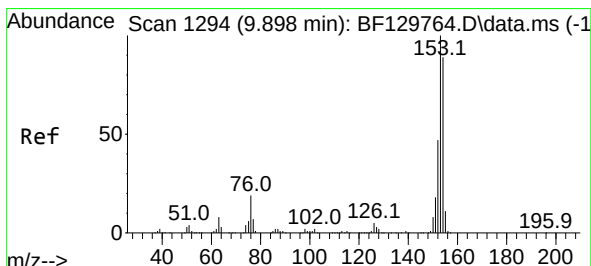
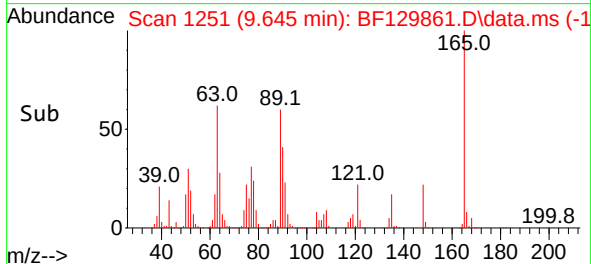
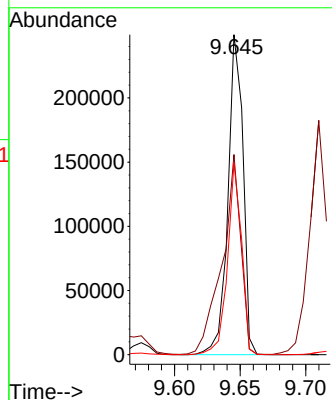
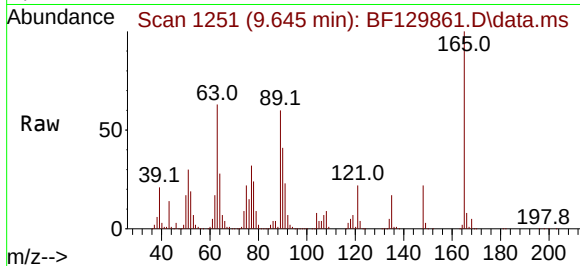




#51
2,6-Dinitrotoluene
Concen: 47.199 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

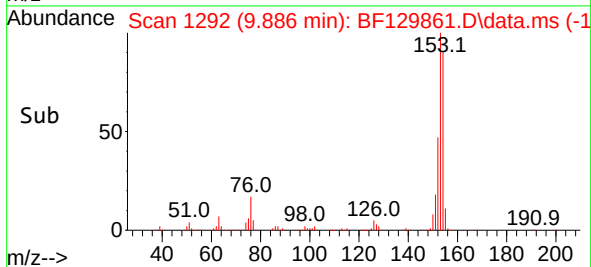
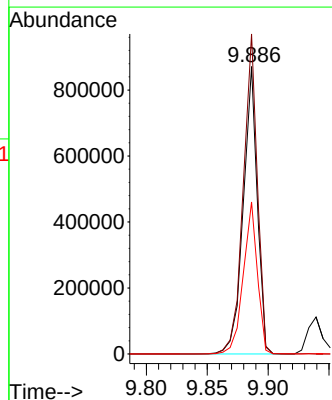
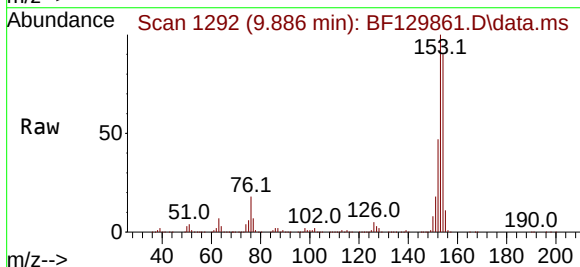
Instrument :
BNA_F
ClientSampleId :
SB14MSD

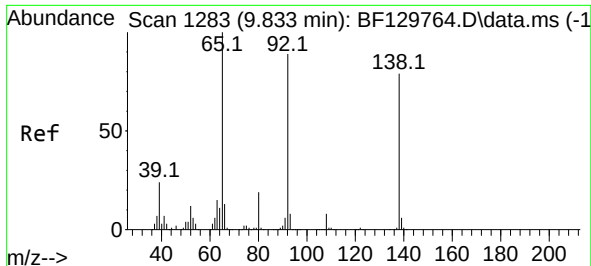
Tgt Ion:165 Resp: 198786
Ion Ratio Lower Upper
165 100
63 62.5 47.8 71.8
89 59.9 47.2 70.8



#52
Acenaphthene
Concen: 46.723 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:154 Resp: 699807
Ion Ratio Lower Upper
154 100
153 111.4 89.8 134.6
152 52.9 42.1 63.1

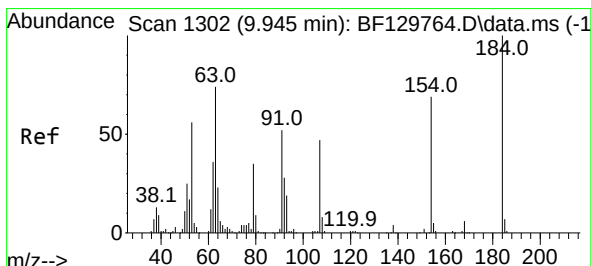
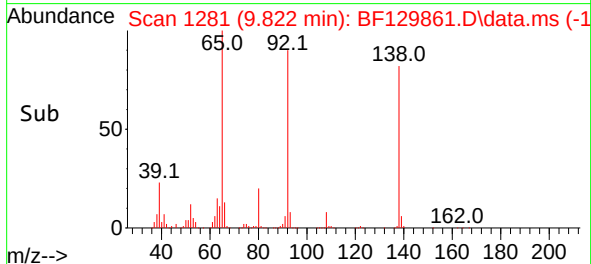
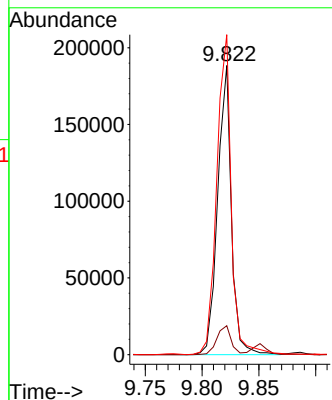
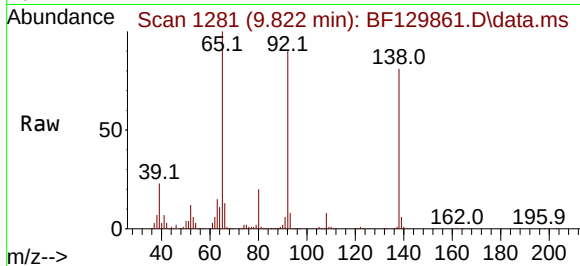




#53
3-Nitroaniline
Concen: 34.085 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

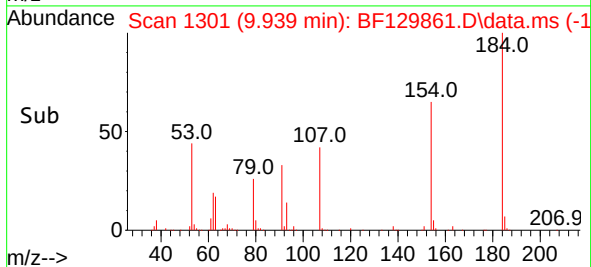
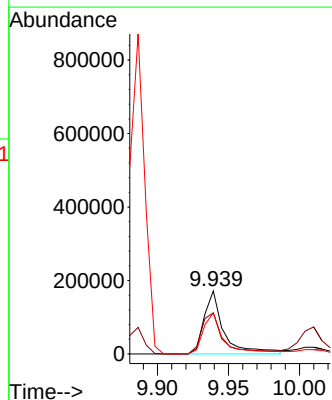
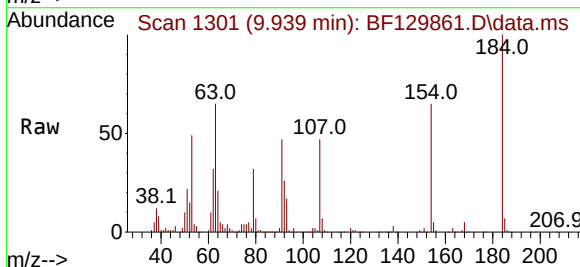
Instrument :
BNA_F
ClientSampleId :
SB14MSD

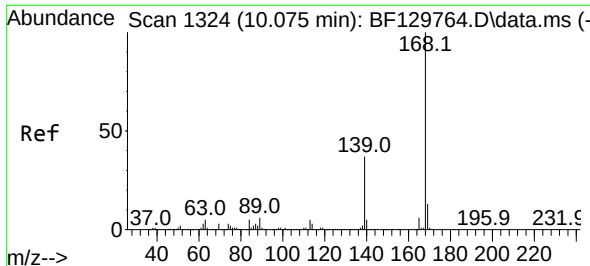
Tgt Ion:138 Resp: 158754
Ion Ratio Lower Upper
138 100
108 10.0 8.4 12.6
92 110.7 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 87.613 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:184 Resp: 167896
Ion Ratio Lower Upper
184 100
63 65.3 59.6 89.4
154 65.2 55.3 82.9

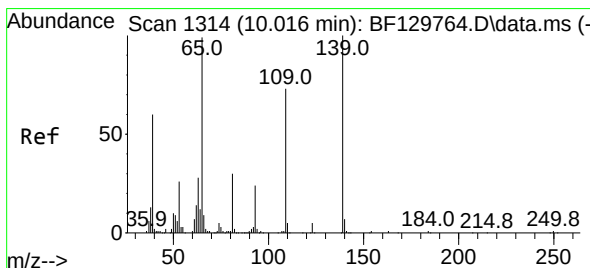
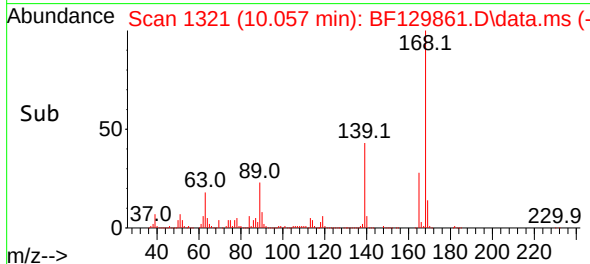
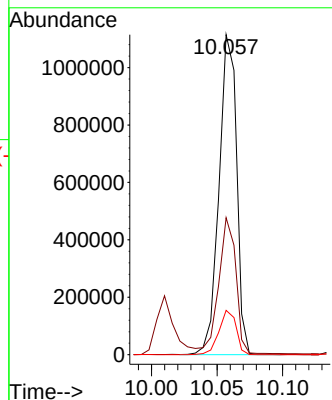
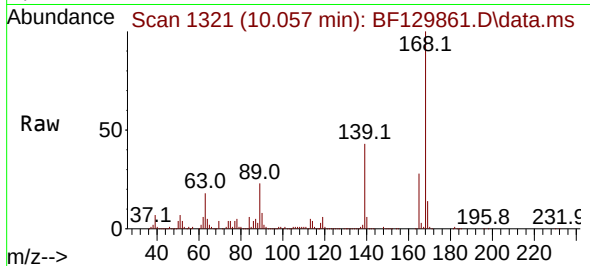




#55
Dibenzenofuran
Concen: 46.064 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

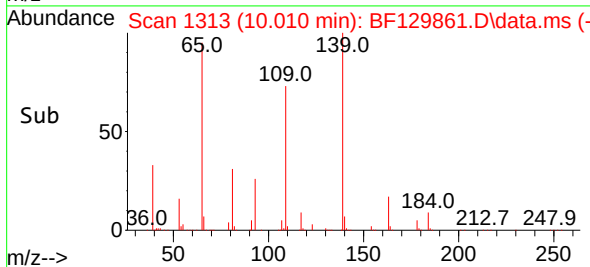
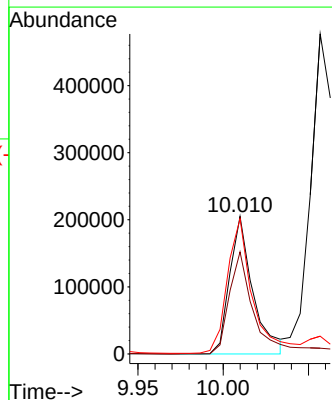
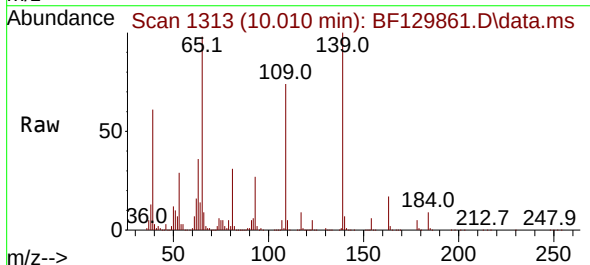
Instrument :
BNA_F
ClientSampleId :
SB14MSD

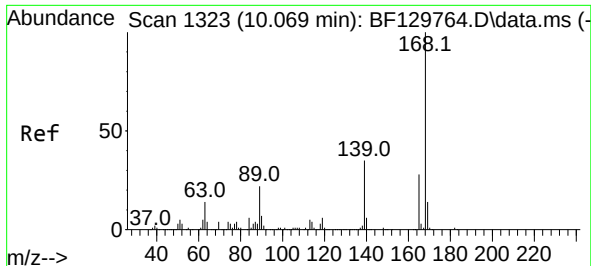
Tgt Ion:168 Resp: 1036527
Ion Ratio Lower Upper
168 100
139 42.8 31.3 46.9
169 13.9 10.7 16.1



#56
4-Nitrophenol
Concen: 93.807 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:139 Resp: 194376
Ion Ratio Lower Upper
139 100
109 74.2 52.9 92.9
65 98.4 79.5 119.5

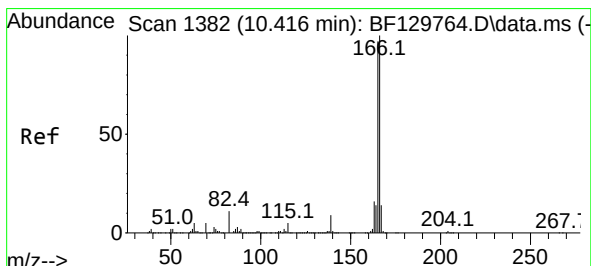
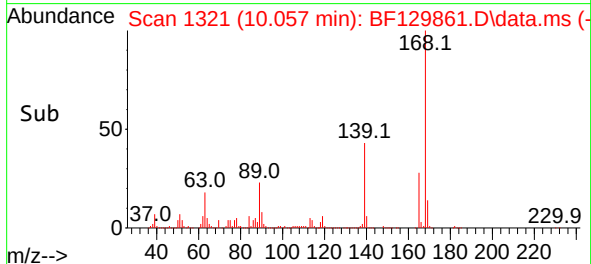
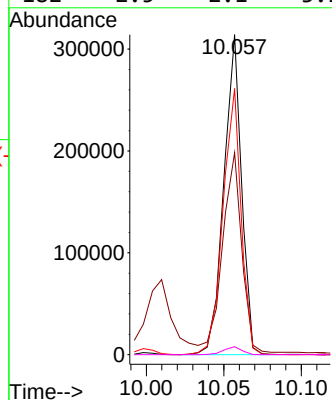
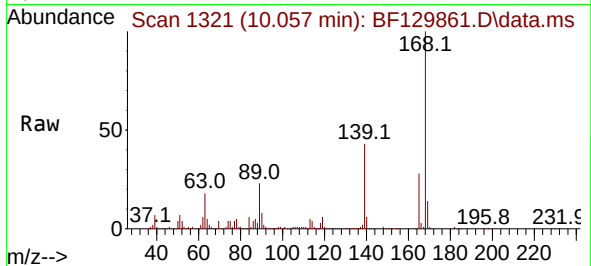




#57
2,4-Dinitrotoluene
Concen: 45.757 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

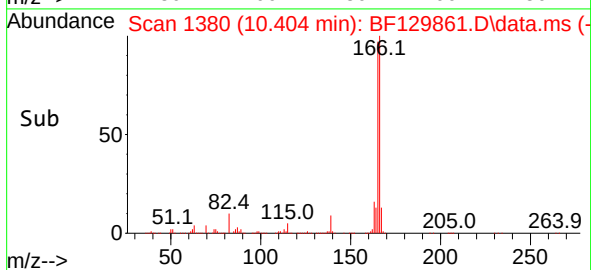
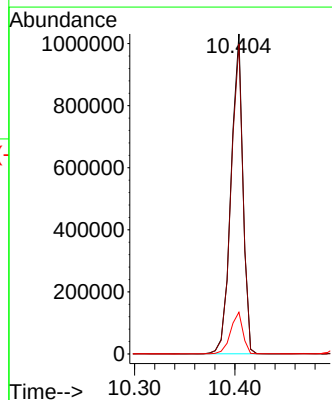
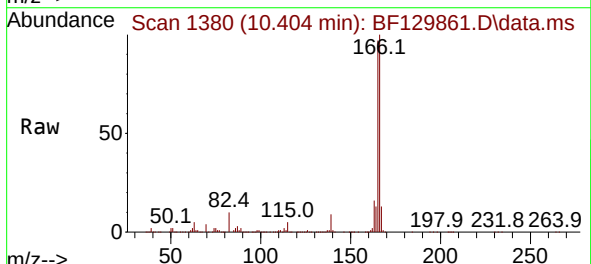
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ClientSampleId :
SB14MSD

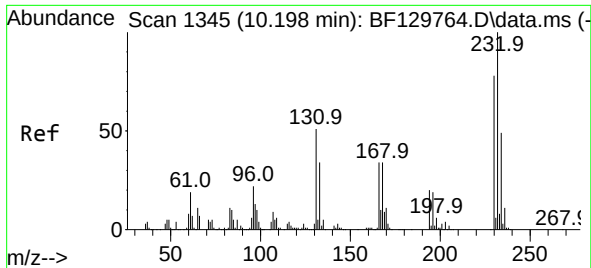
Tgt Ion:165 Resp: 250168
Ion Ratio Lower Upper
165 100
63 63.1 48.4 72.6
89 83.2 62.3 93.5
182 2.5 2.1 3.1



#58
Fluorene
Concen: 45.039 ng
RT: 10.404 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:166 Resp: 846204
Ion Ratio Lower Upper
166 100
165 96.9 77.9 116.9
167 13.1 11.0 16.4

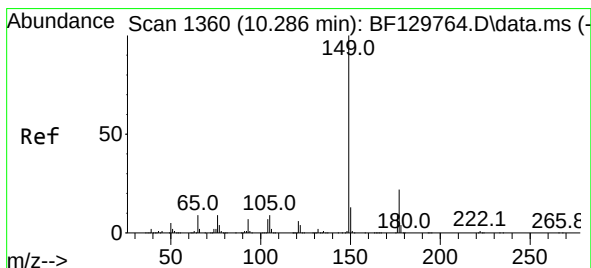
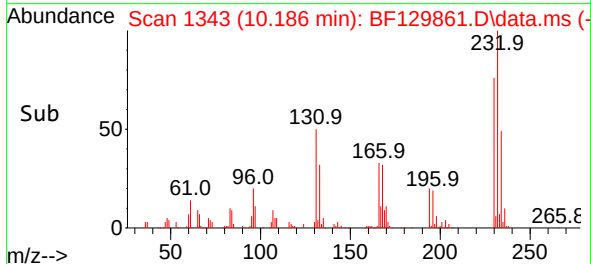
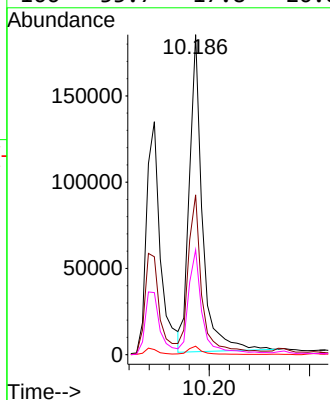
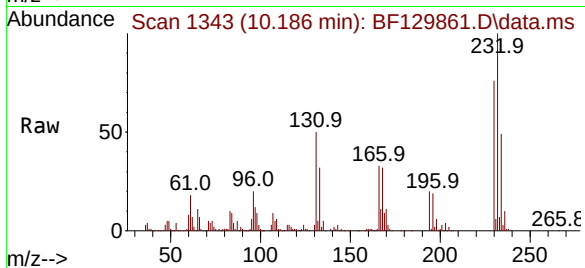




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.558 ng
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

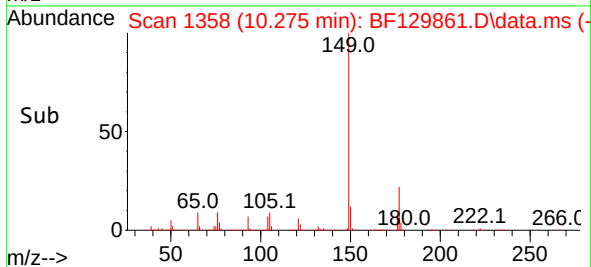
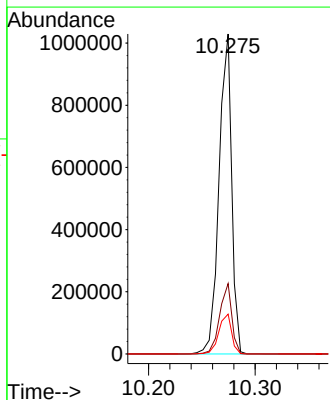
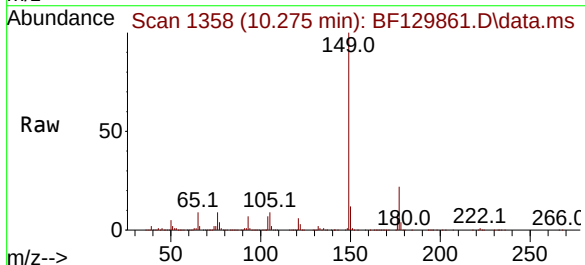
Instrument :
BNA_F
ClientSampleId :
SB14MSD

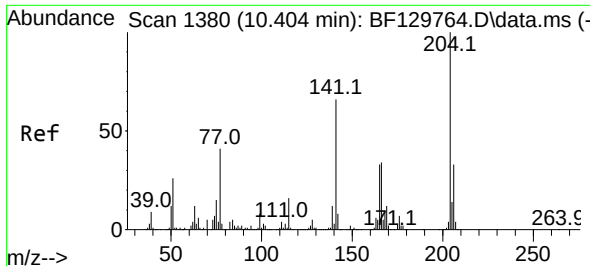
Tgt Ion:232 Resp: 164458
Ion Ratio Lower Upper
232 100
131 50.3 29.9 44.9#
130 3.2 1.5 2.3#
166 33.7 17.8 26.8#



#60
Diethylphthalate
Concen: 43.573 ng
RT: 10.275 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:149 Resp: 843544
Ion Ratio Lower Upper
149 100
177 22.0 17.7 26.5
150 12.4 10.1 15.1

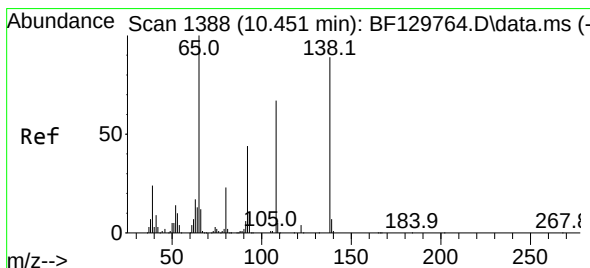
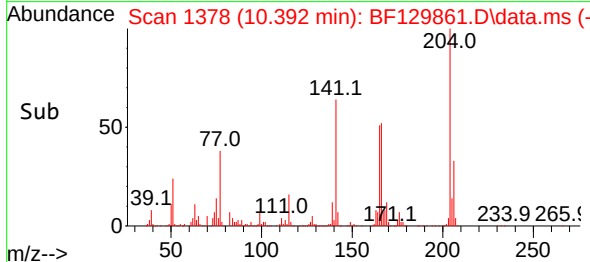
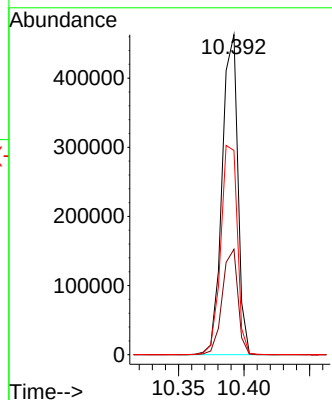
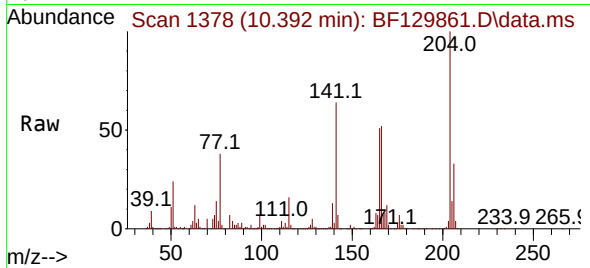




#61
4-Chlorophenyl-phenylether
Concen: 45.678 ng
RT: 10.392 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

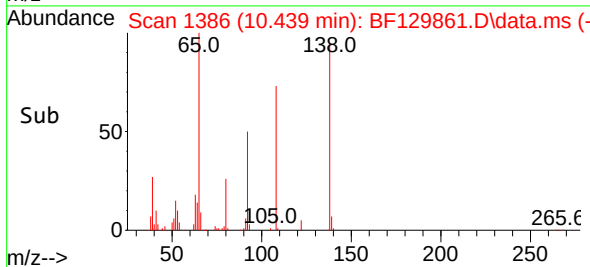
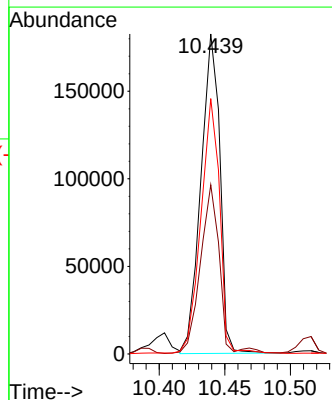
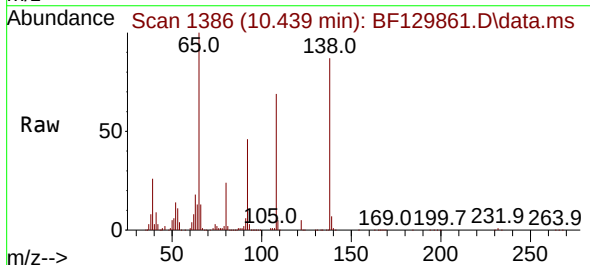
Instrument :
BNA_F
ClientSampleId :
SB14MSD

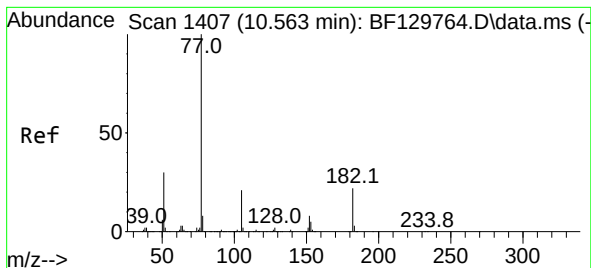
Tgt Ion:204 Resp: 385132
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 63.8 52.6 79.0



#62
4-Nitroaniline
Concen: 39.100 ng
RT: 10.439 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:138 Resp: 183722
Ion Ratio Lower Upper
138 100
92 52.8 30.3 70.3
108 79.8 55.7 95.7





#63

Azobenzene

Concen: 44.461 ng

RT: 10.551 min Scan# 1405

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SB14MSD

Tgt Ion: 77 Resp: 822734

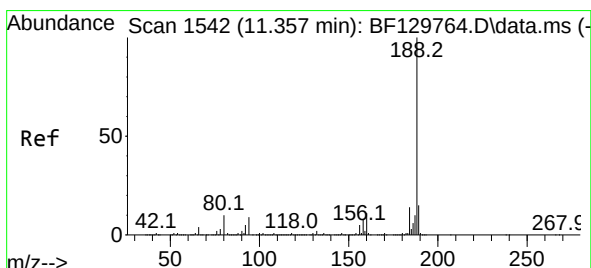
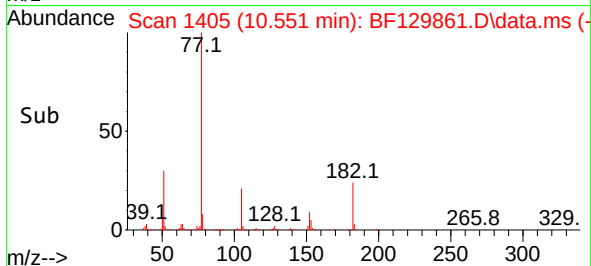
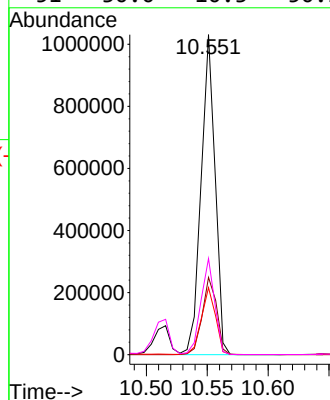
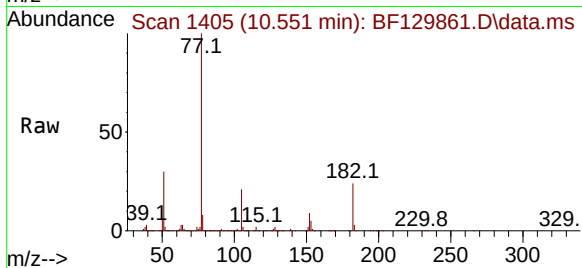
Ion Ratio Lower Upper

77 100

182 24.1 2.2 42.2

105 20.9 0.8 40.8

51 30.0 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

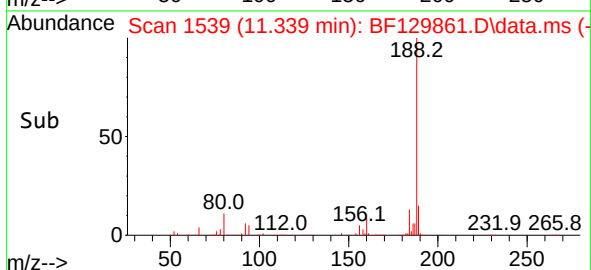
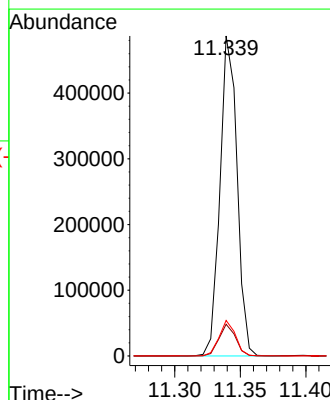
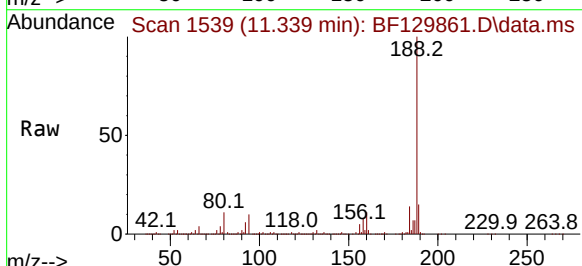
Tgt Ion: 188 Resp: 440649

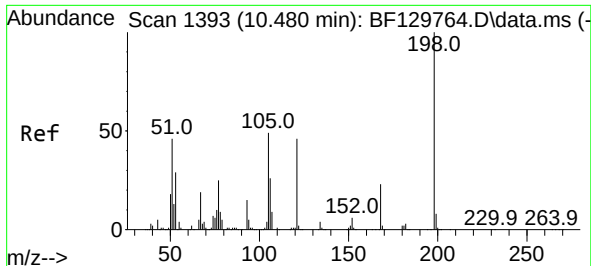
Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

80 11.1 7.9 11.9

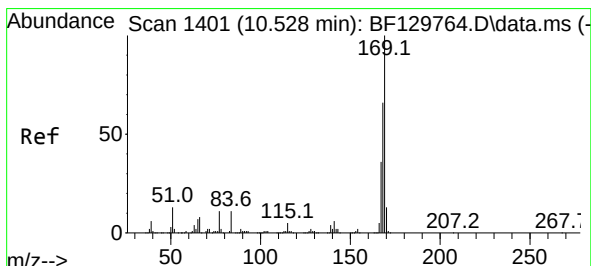
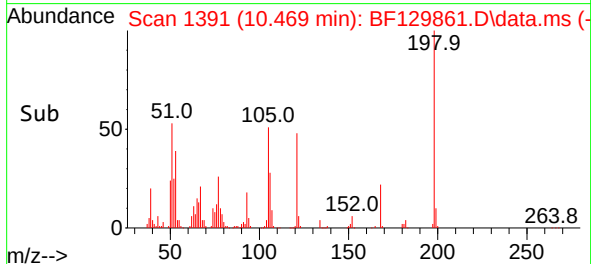
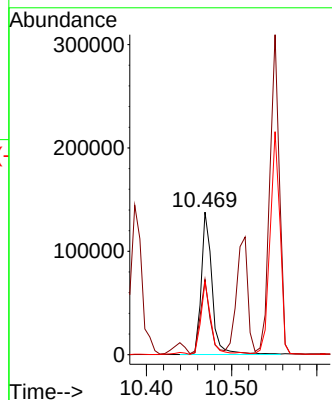
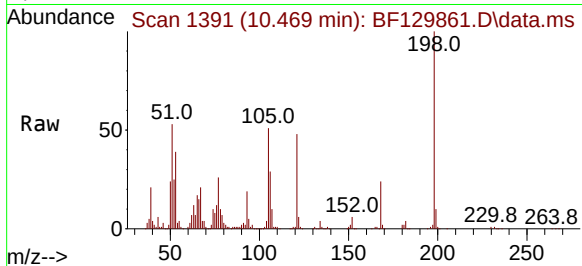




#65
4,6-Dinitro-2-methylphenol
Concen: 46.608 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

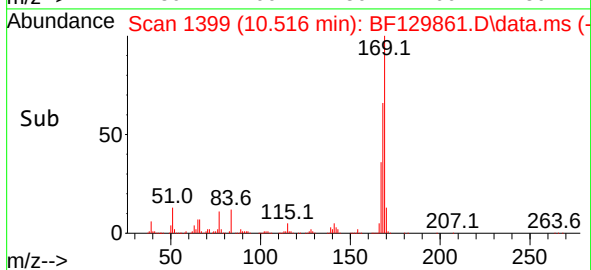
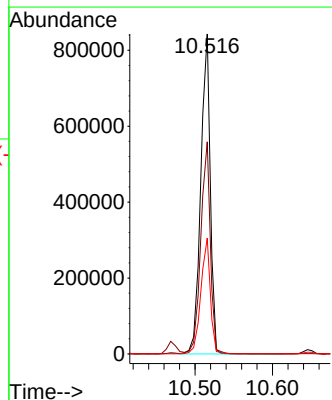
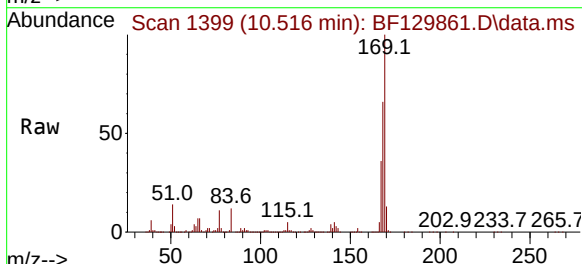
Instrument :
BNA_F
ClientSampleId :
SB14MSD

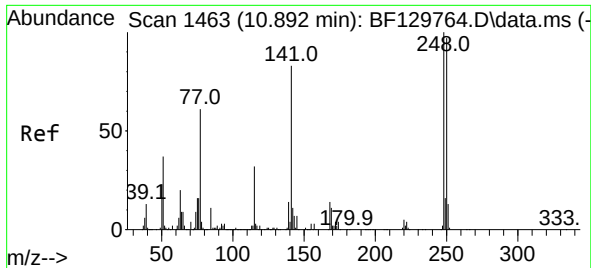
Tgt Ion:198 Resp: 120568
Ion Ratio Lower Upper
198 100
51 52.7 29.4 69.4
105 51.0 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 48.275 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:169 Resp: 717991
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.2
167 36.2 29.1 43.7

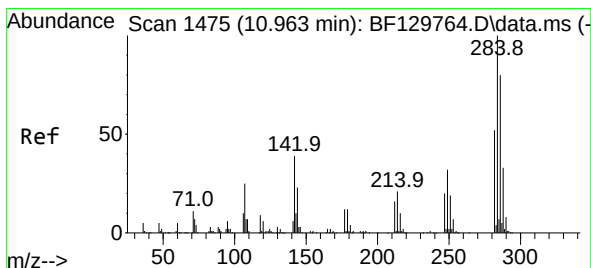
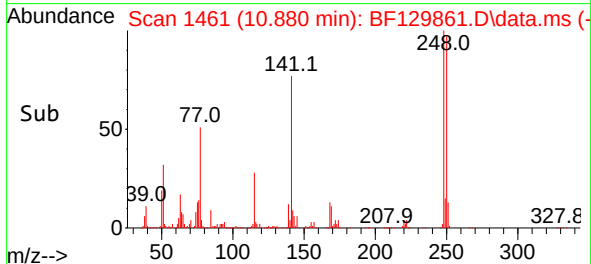
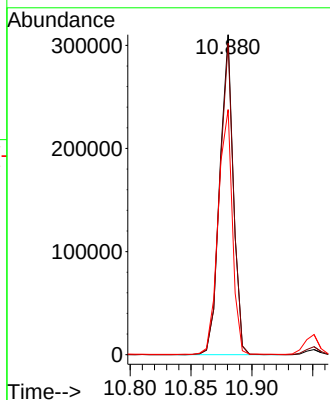
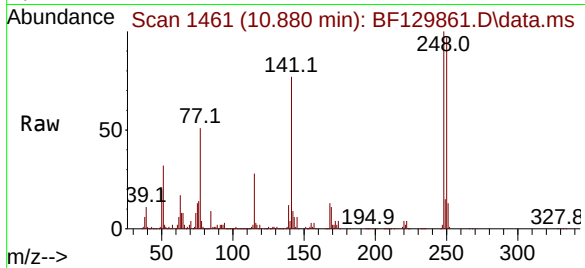




#67
4-Bromophenyl-phenylether
Concen: 46.535 ng
RT: 10.880 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

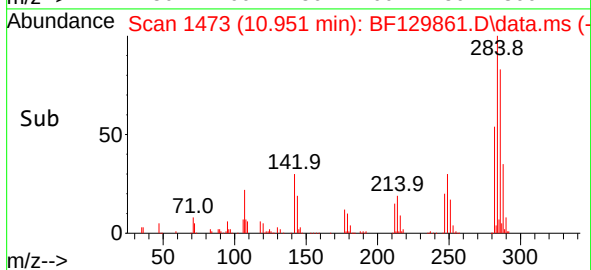
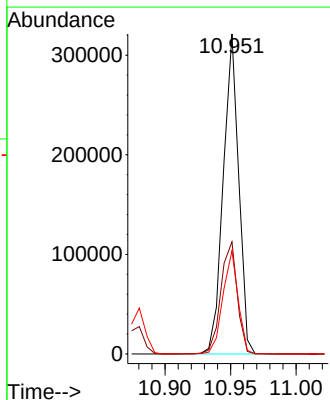
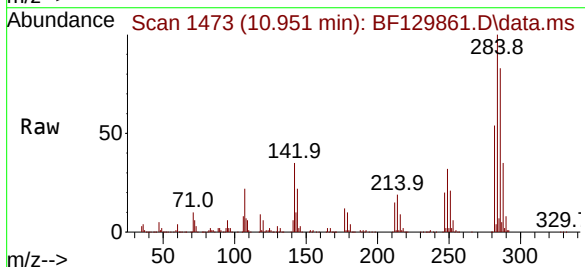
Instrument :
BNA_F
ClientSampleId :
SB14MSD

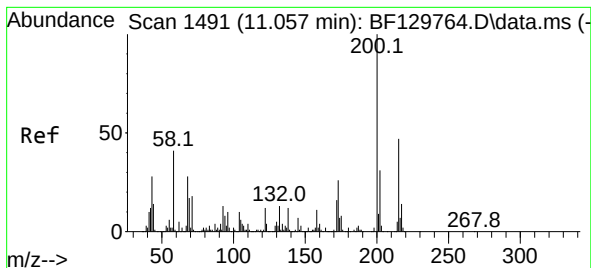
Tgt Ion:248 Resp: 240171
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 76.6 66.2 99.2



#68
Hexachlorobenzene
Concen: 46.980 ng
RT: 10.951 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:284 Resp: 262651
Ion Ratio Lower Upper
284 100
142 35.0 31.4 47.0
249 32.3 25.7 38.5





#69

Atrazine

Concen: 49.336 ng

RT: 11.045 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SB14MSD

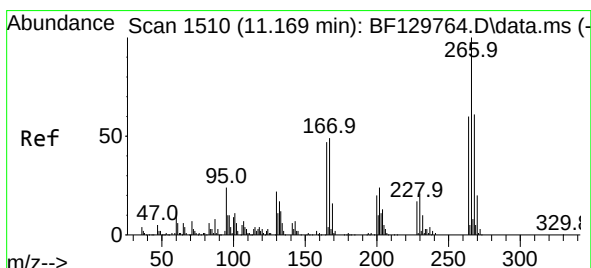
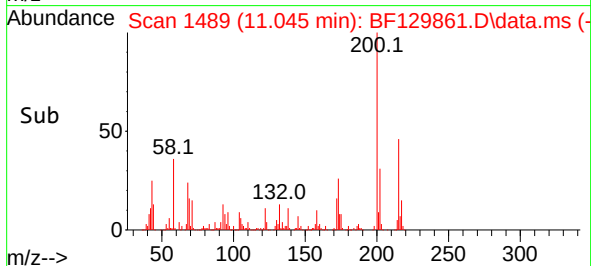
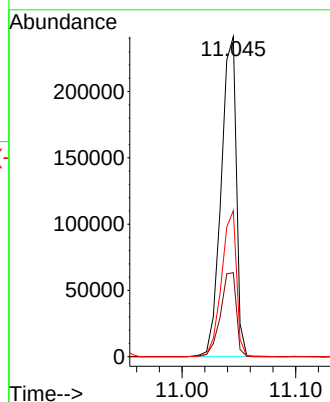
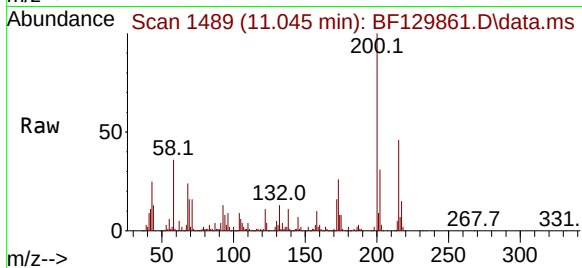
Tgt Ion:200 Resp: 225211

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

215 45.6 27.1 67.1



#70

Pentachlorophenol

Concen: 84.331 ng

RT: 11.157 min Scan# 1508

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

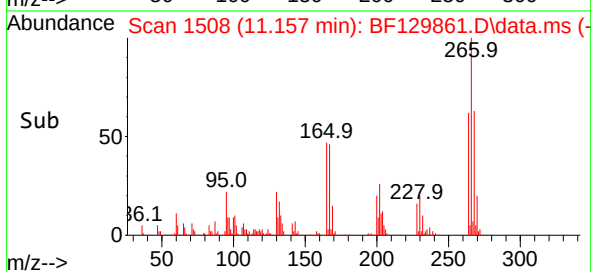
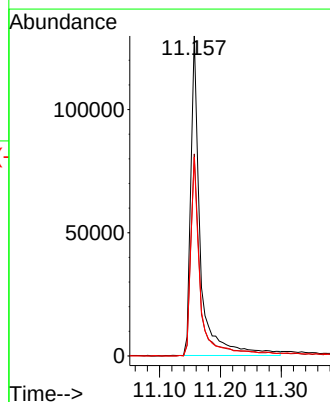
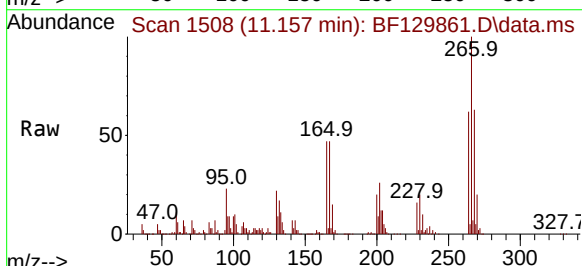
Tgt Ion:266 Resp: 141828

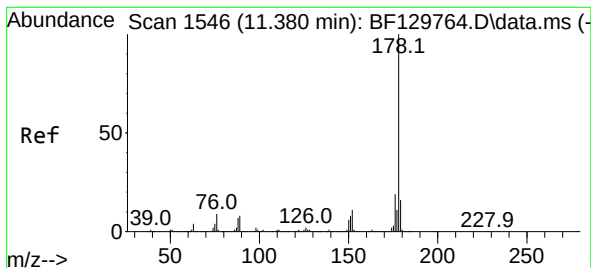
Ion Ratio Lower Upper

266 100

268 63.1 49.0 73.4

264 62.2 47.9 71.9





#71

Phenanthrene

Concen: 45.725 ng

RT: 11.369 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SB14MSD

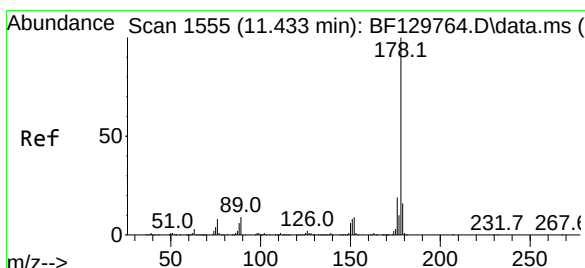
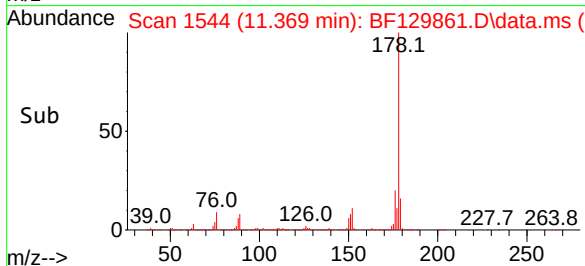
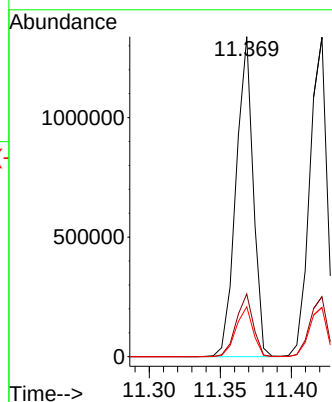
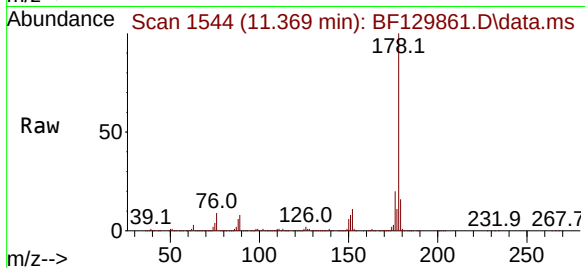
Tgt Ion:178 Resp: 1125302

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.6 12.5 18.7



#72

Anthracene

Concen: 46.132 ng

RT: 11.422 min Scan# 1553

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

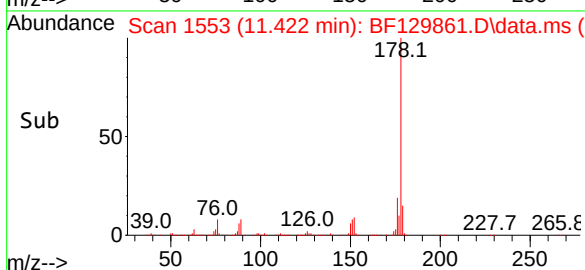
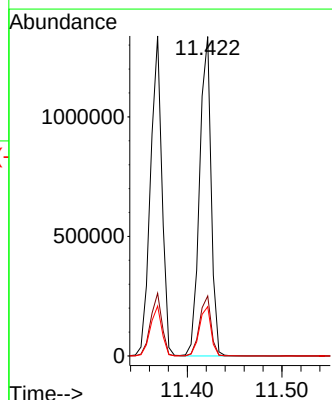
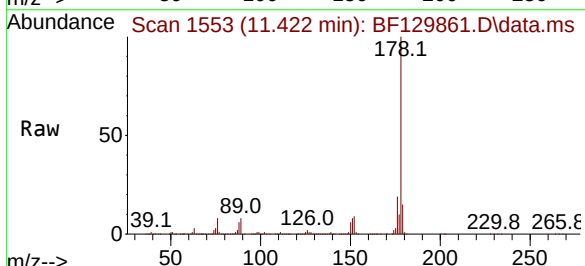
Tgt Ion:178 Resp: 1129005

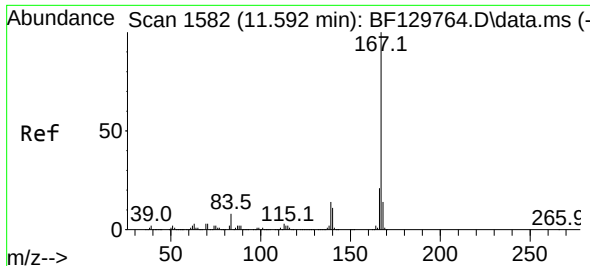
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.4 12.6 18.8

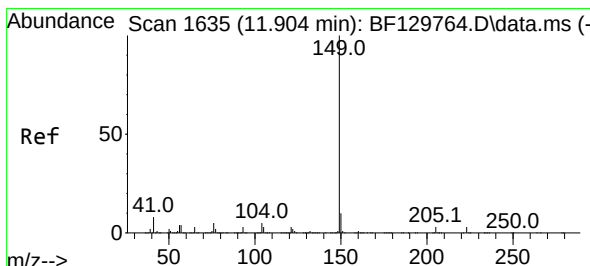
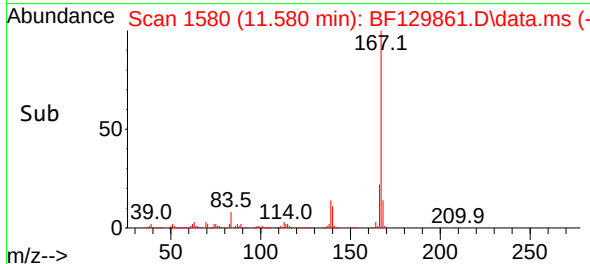
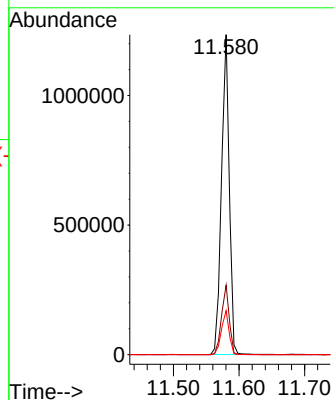
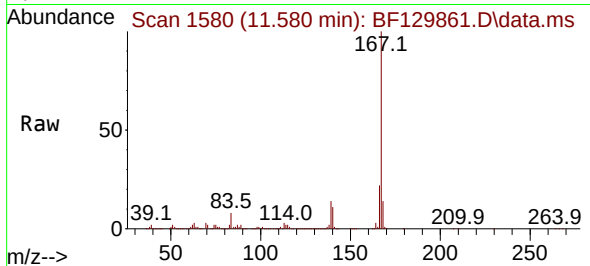




#73
 Carbazole
 Concen: 45.491 ng
 RT: 11.580 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129861.D
 Acq: 18 Aug 2022 00:26

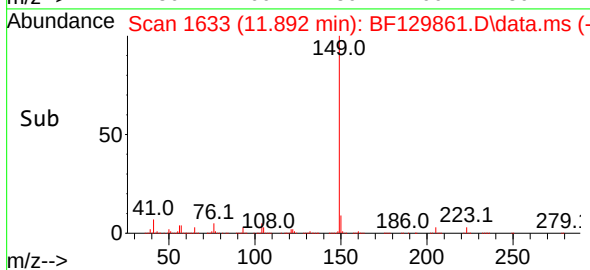
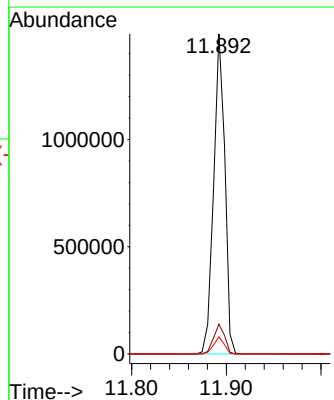
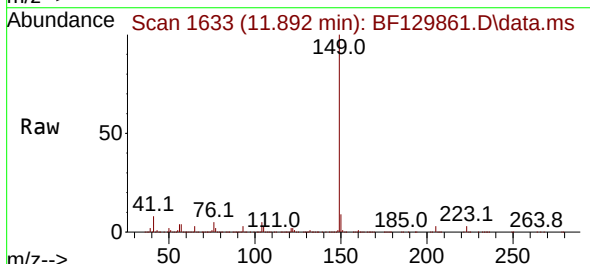
Instrument :
 BNA_F
 ClientSampleId :
 SB14MSD

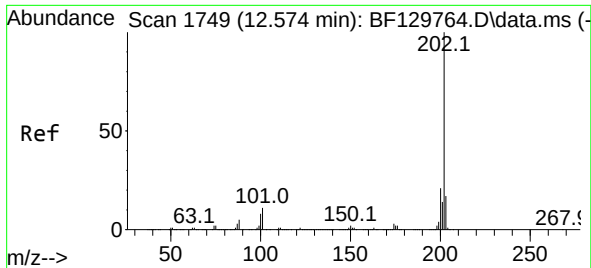
Tgt Ion:167 Resp: 1010640
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.7 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 42.620 ng
 RT: 11.892 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: BF129861.D
 Acq: 18 Aug 2022 00:26

Tgt Ion:149 Resp: 1218619
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 5.4 4.2 6.4

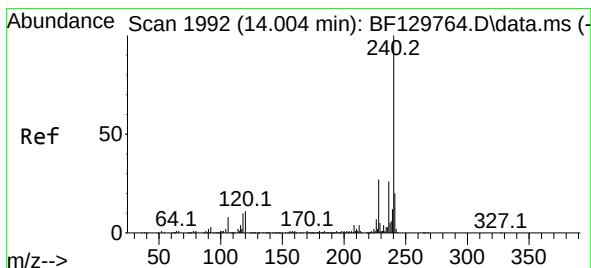
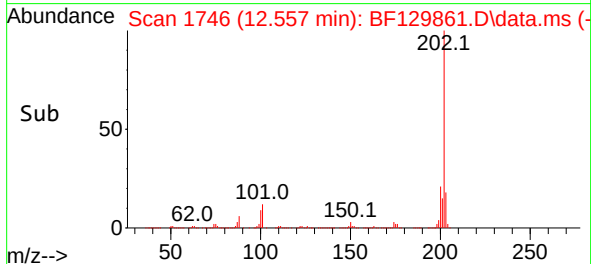
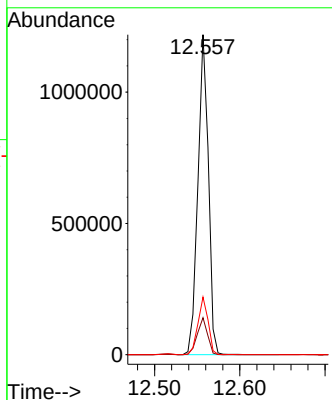
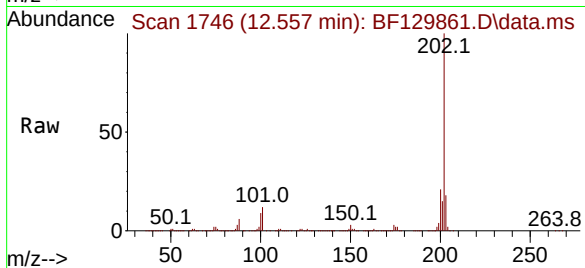




#75
Fluoranthene
Concen: 41.302 ng
RT: 12.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

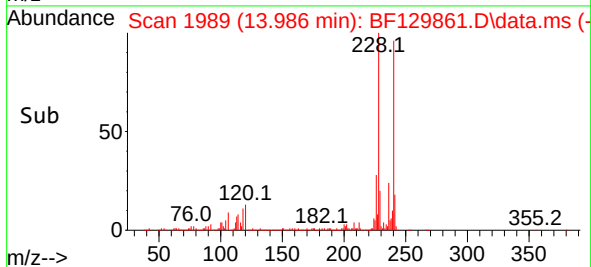
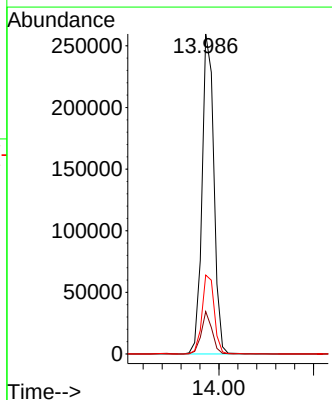
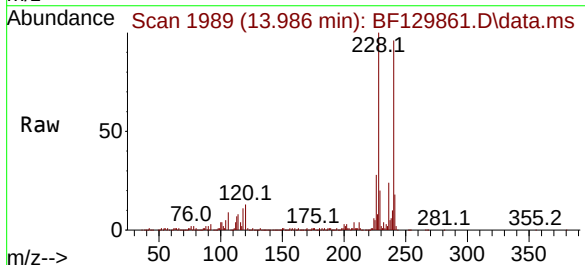
Instrument :
BNA_F
ClientSampleId :
SB14MSD

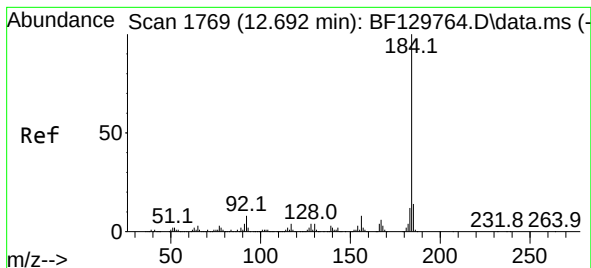
Tgt Ion:202 Resp: 1040116
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.7
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:240 Resp: 225641
Ion Ratio Lower Upper
240 100
120 13.2 9.2 13.8
236 24.7 20.7 31.1





#77

Benzidine

Concen: 13.681 ng

RT: 12.680 min Scan# 1767

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SB14MSD

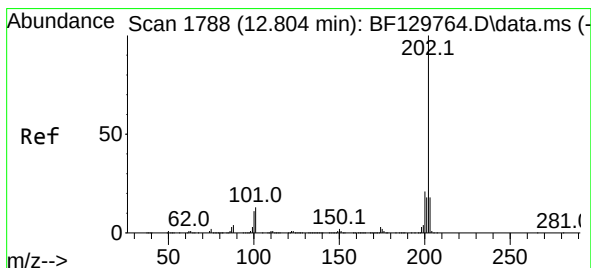
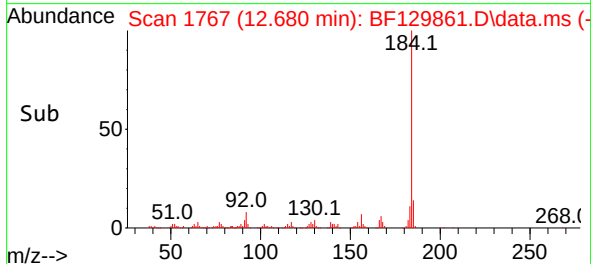
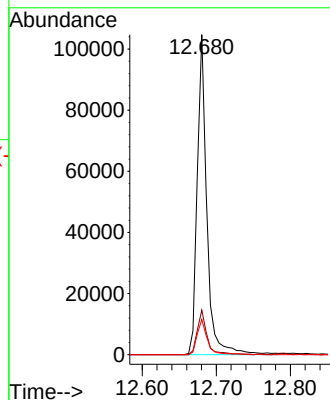
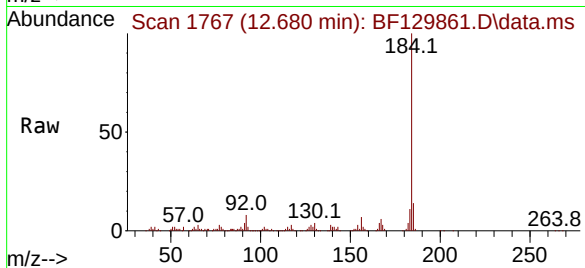
Tgt Ion:184 Resp: 94281

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.2

183 11.0 9.4 14.2



#78

Pyrene

Concen: 50.583 ng

RT: 12.786 min Scan# 1785

Delta R.T. -0.006 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

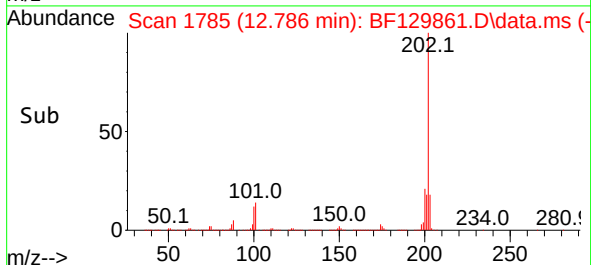
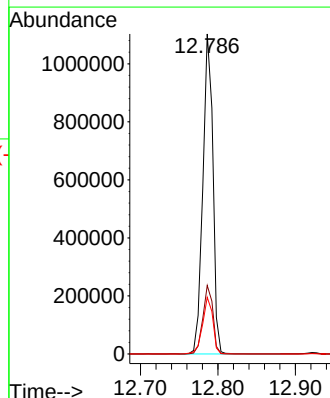
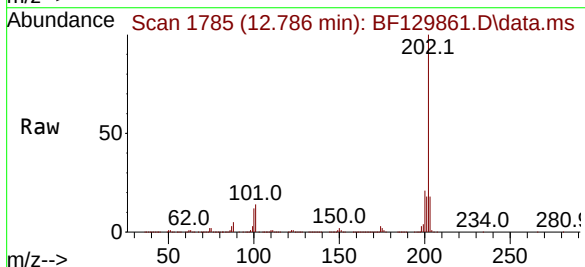
Tgt Ion:202 Resp: 991842

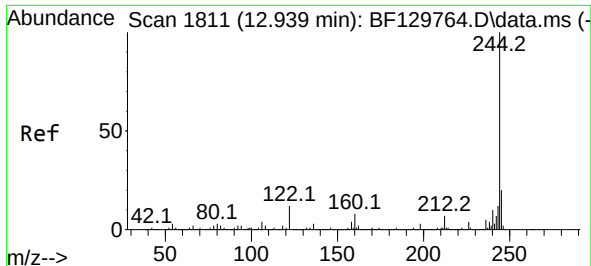
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 17.7 14.1 21.1

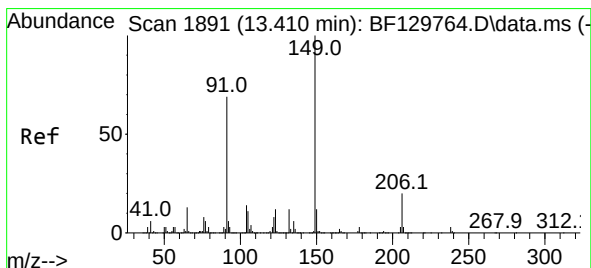
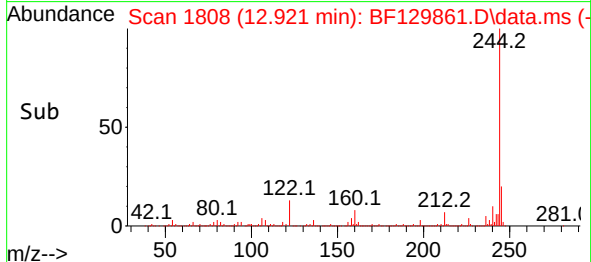
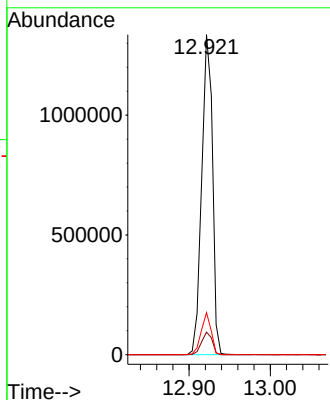
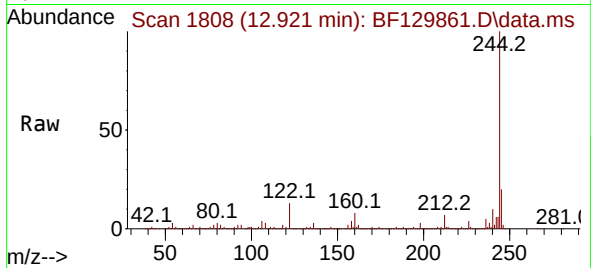




#79
 Terphenyl-d14
 Concen: 90.733 ng
 RT: 12.921 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129861.D
 Acq: 18 Aug 2022 00:26

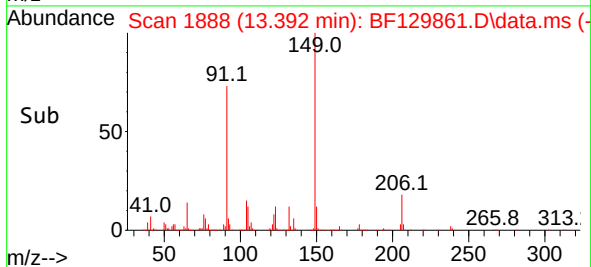
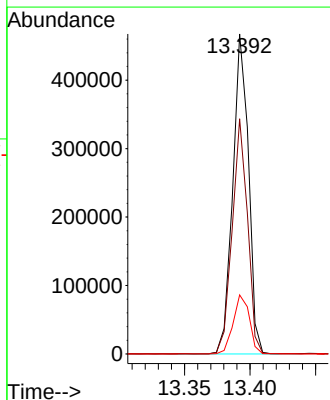
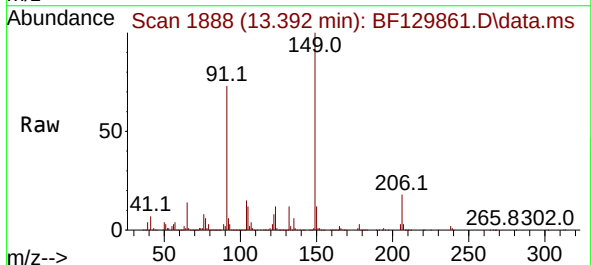
Instrument :
 BNA_F
 ClientSampleId :
 SB14MSD

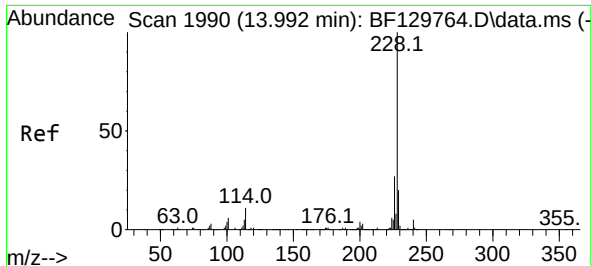
Tgt Ion:244 Resp: 1230397
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 13.1 9.9 14.9



#80
 Butylbenzylphthalate
 Concen: 46.972 ng
 RT: 13.392 min Scan# 1888
 Delta R.T. -0.000 min
 Lab File: BF129861.D
 Acq: 18 Aug 2022 00:26

Tgt Ion:149 Resp: 389728
 Ion Ratio Lower Upper
 149 100
 91 73.5 55.4 83.0
 206 18.5 15.8 23.6

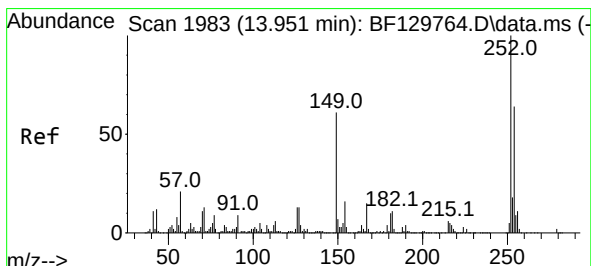
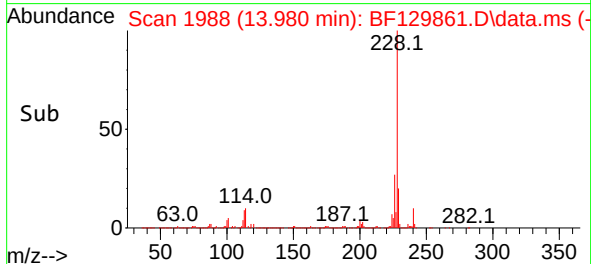
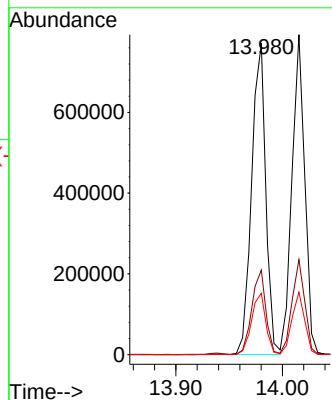
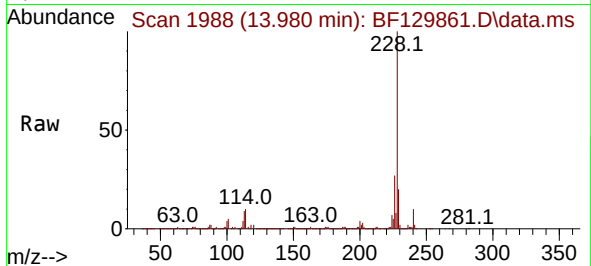




#81
Benzo(a)anthracene
Concen: 45.970 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

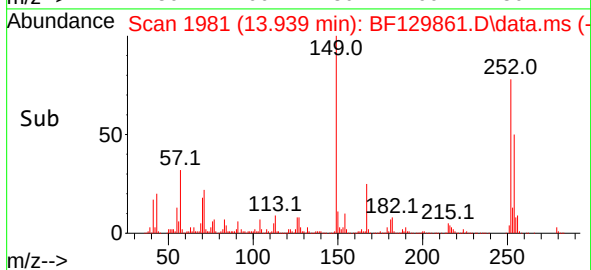
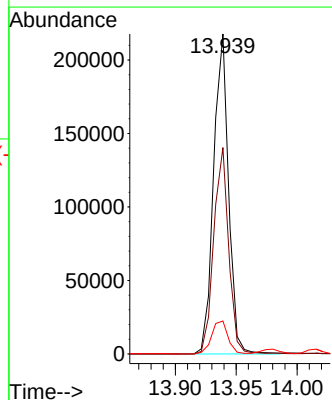
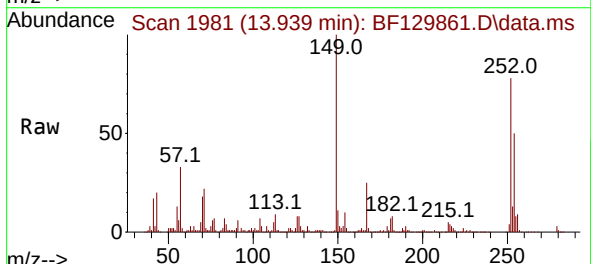
Instrument :
BNA_F
ClientSampleId :
SB14MSD

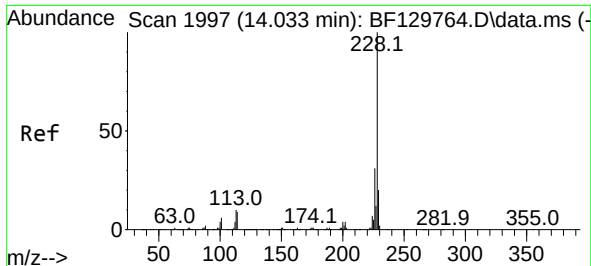
Tgt Ion:228 Resp: 713553
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 19.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 38.648 ng
RT: 13.939 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:252 Resp: 185793
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.2
126 10.3 10.2 15.4

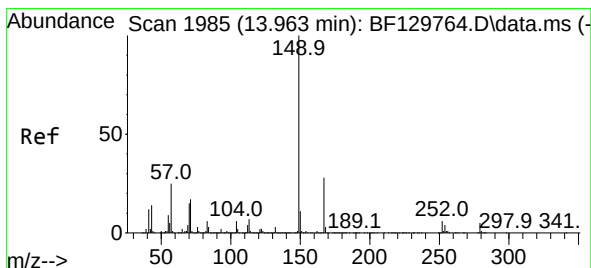
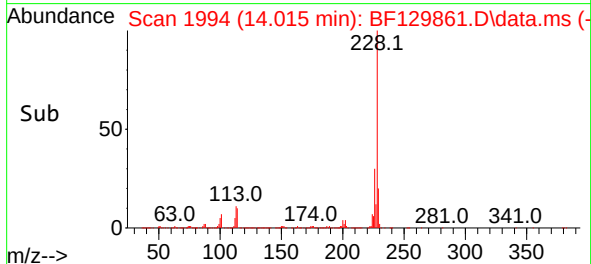
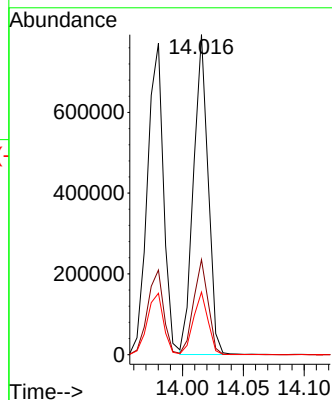
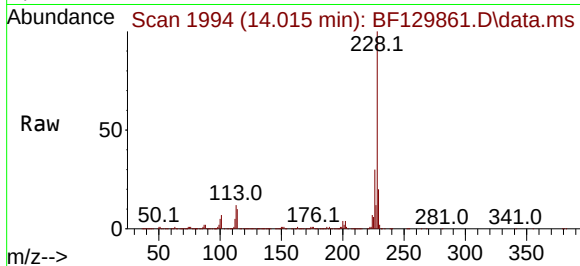




#83
Chrysene
Concen: 45.484 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

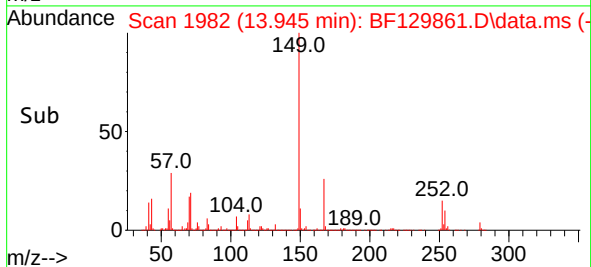
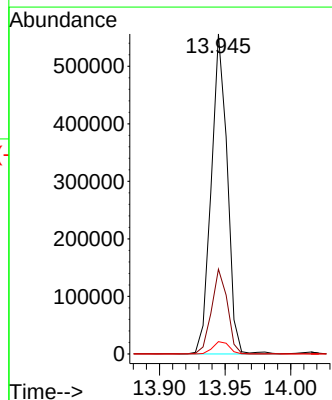
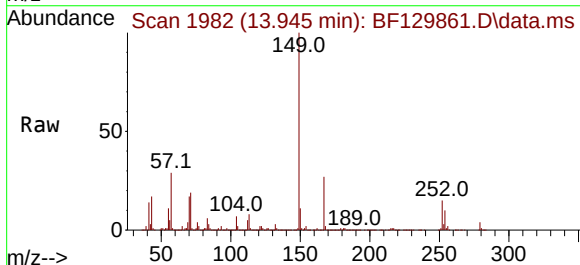
Instrument :
BNA_F
ClientSampleId :
SB14MSD

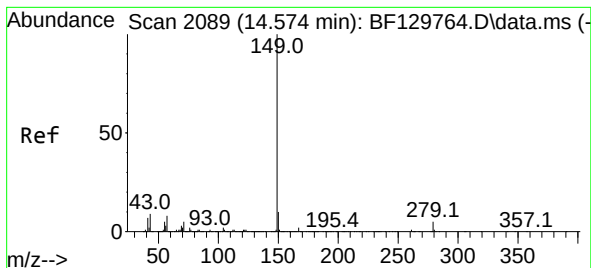
Tgt Ion:228 Resp: 660871
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 19.6 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.006 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:149 Resp: 472551
Ion Ratio Lower Upper
149 100
167 26.5 22.0 33.0
279 3.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 50.509 ng

RT: 14.557 min Scan# 2086

Delta R.T. -0.006 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SB14MSD

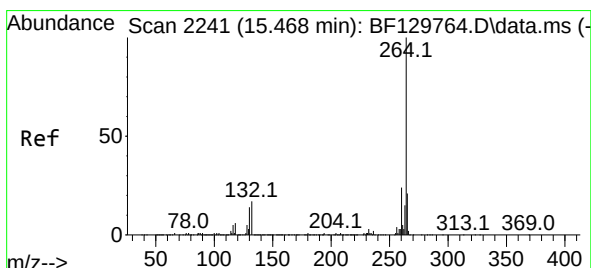
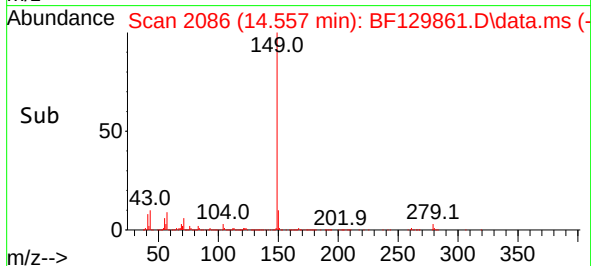
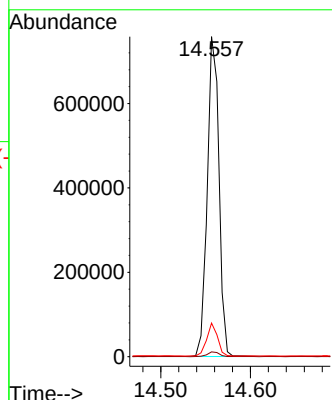
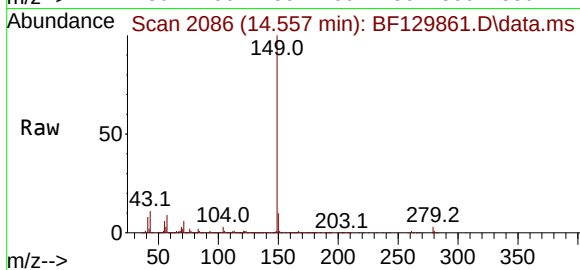
Tgt Ion:149 Resp: 686345

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.4 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2238

Delta R.T. -0.006 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

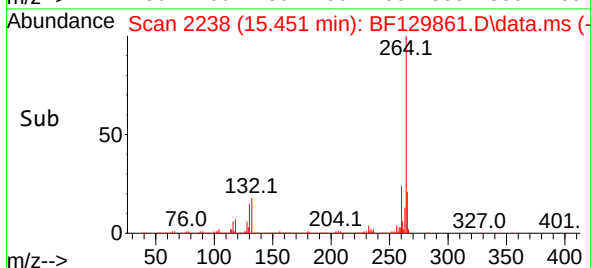
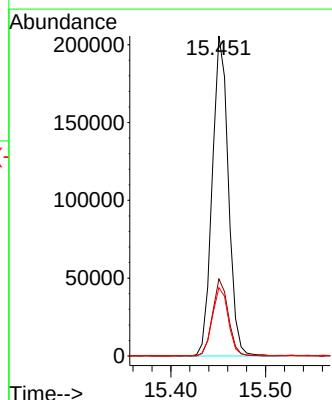
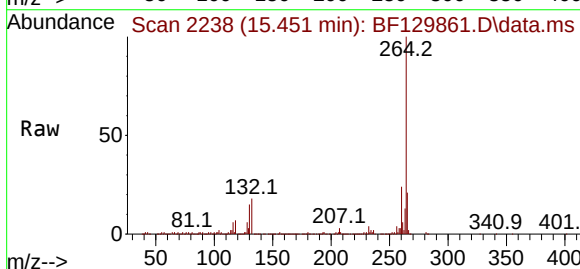
Tgt Ion:264 Resp: 242404

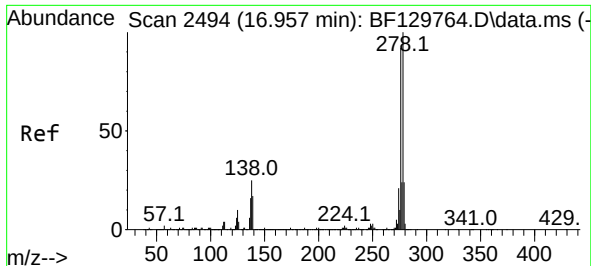
Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.3 16.7 25.1

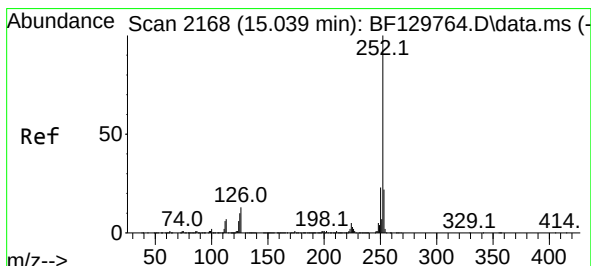
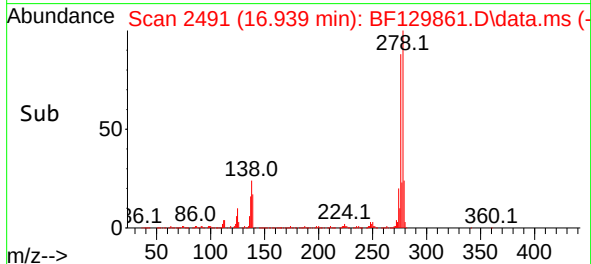
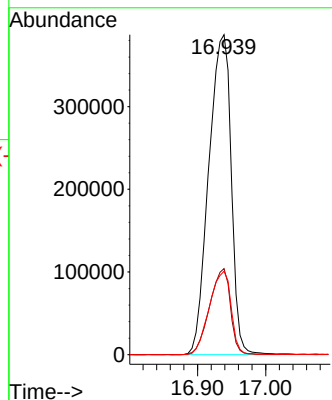
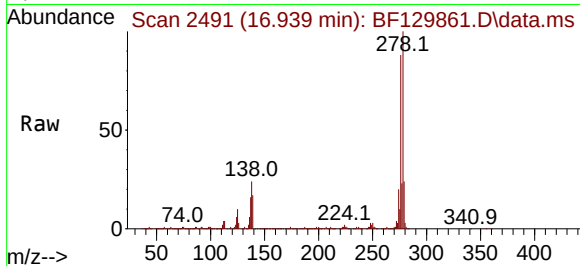




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.231 ng
RT: 16.939 min Scan# 2491
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

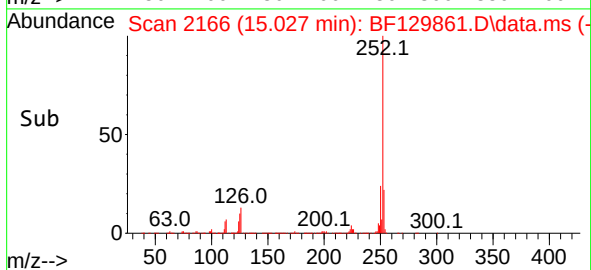
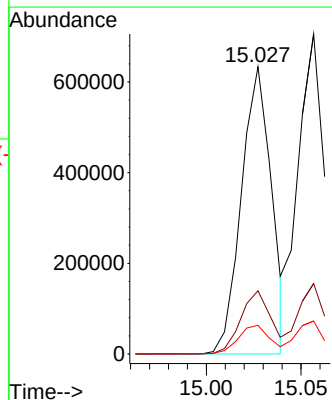
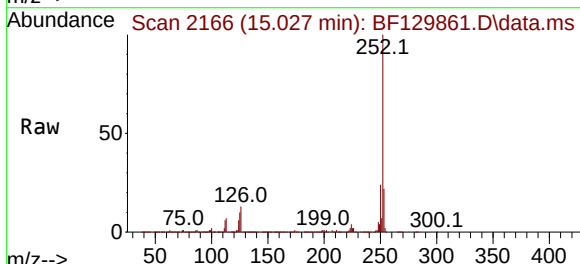
Instrument :
BNA_F
ClientSampleId :
SB14MSD

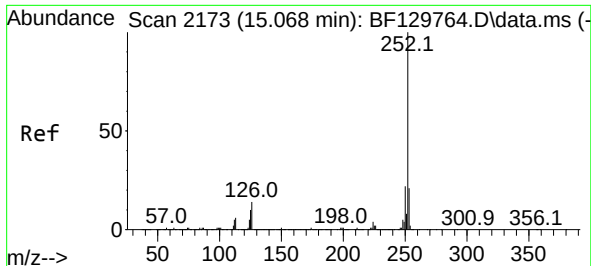
Tgt Ion:276 Resp: 885836
Ion Ratio Lower Upper
276 100
138 25.1 19.8 29.8
277 25.4 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 42.289 ng
RT: 15.027 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:252 Resp: 701938
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.0 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 43.259 ng

RT: 15.057 min Scan# 2171

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SB14MSD

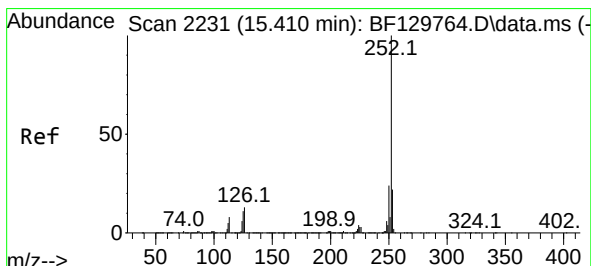
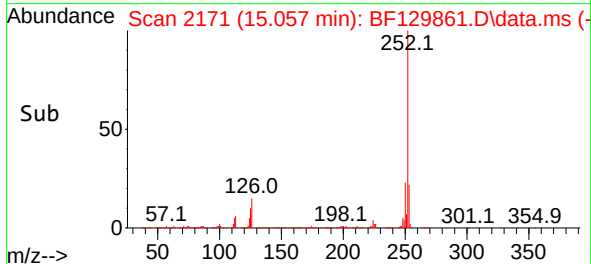
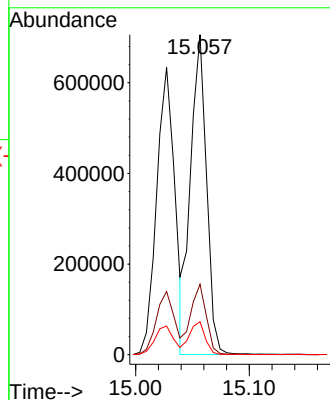
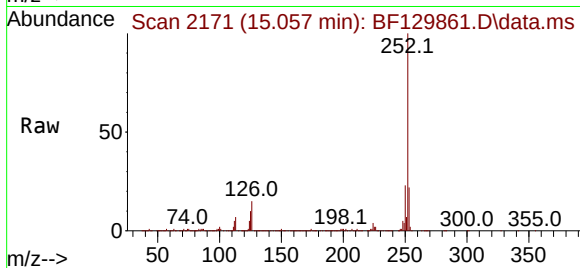
Tgt Ion:252 Resp: 688614

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 10.3 8.3 12.5



#90

Benzo(a)pyrene

Concen: 49.007 ng

RT: 15.392 min Scan# 2228

Delta R.T. -0.000 min

Lab File: BF129861.D

Acq: 18 Aug 2022 00:26

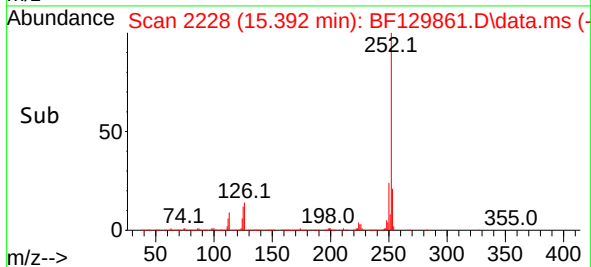
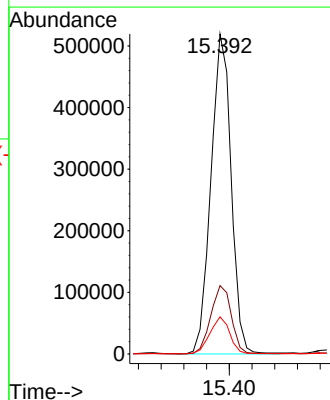
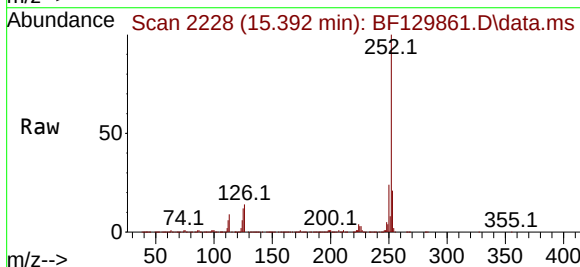
Tgt Ion:252 Resp: 640593

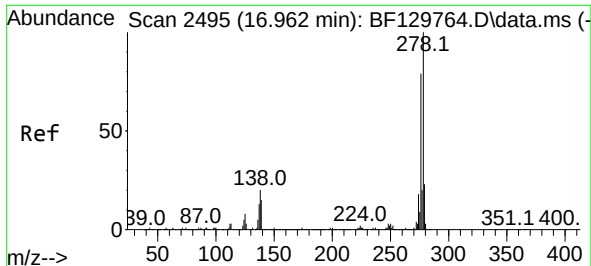
Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 11.6 8.8 13.2

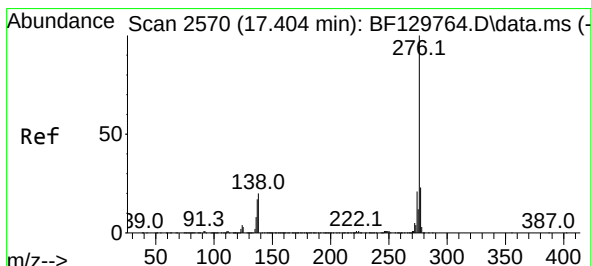
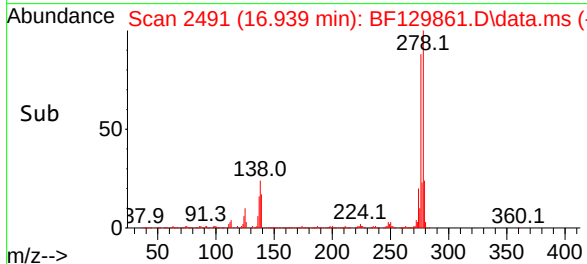
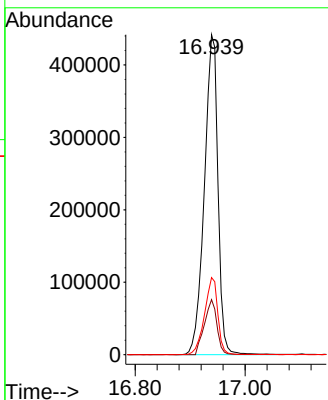
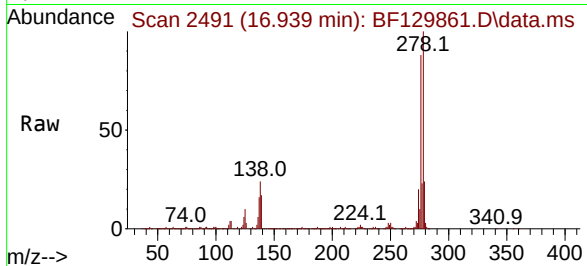




#91
Dibenzo(a,h)anthracene
Concen: 55.238 ng
RT: 16.939 min Scan# 2495
Delta R.T. -0.006 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Instrument :
BNA_F
ClientSampleId :
SB14MSD

Tgt Ion:278 Resp: 758480
Ion Ratio Lower Upper
278 100
139 17.2 12.2 18.4
279 24.1 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 57.799 ng
RT: 17.380 min Scan# 2566
Delta R.T. -0.006 min
Lab File: BF129861.D
Acq: 18 Aug 2022 00:26

Tgt Ion:276 Resp: 791782
Ion Ratio Lower Upper
276 100
277 24.0 18.2 27.4
138 21.0 15.8 23.8

